NEWFIELD

February 3, 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: 11-9-9-16, 12-9-9-16, 13-9-9-16, 14-9-9-16, and 15-9-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-9-9-16 location is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Mandie Crozier
Regulatory Specialist

mc
enclosures

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 13-9-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33652

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: SW/SW 734' FSL 625' FWL 574144X 40.040140

At proposed prod. zone: 4432364Y -110.130916

11. Sec., T., R., M., or Blk. and Survey or Area: SW/SW Sec. 9, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 15.9 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. 586' 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. 2679'

19. Proposed Depth: 6165'

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

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

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

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

24. Attachments

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

1. Well plat certified by a registered surveyor.
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: 2/2/06

Title: Regulatory Specialist

Approved by *(Signature)*: Bradley G. Hill — Name *(Printed/Typed)*: BRADLEY G. HILL — Date: 02-09-06

Title: ENVIRONMENTAL SCIENTIST III

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

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

**(Instructions on reverse)*

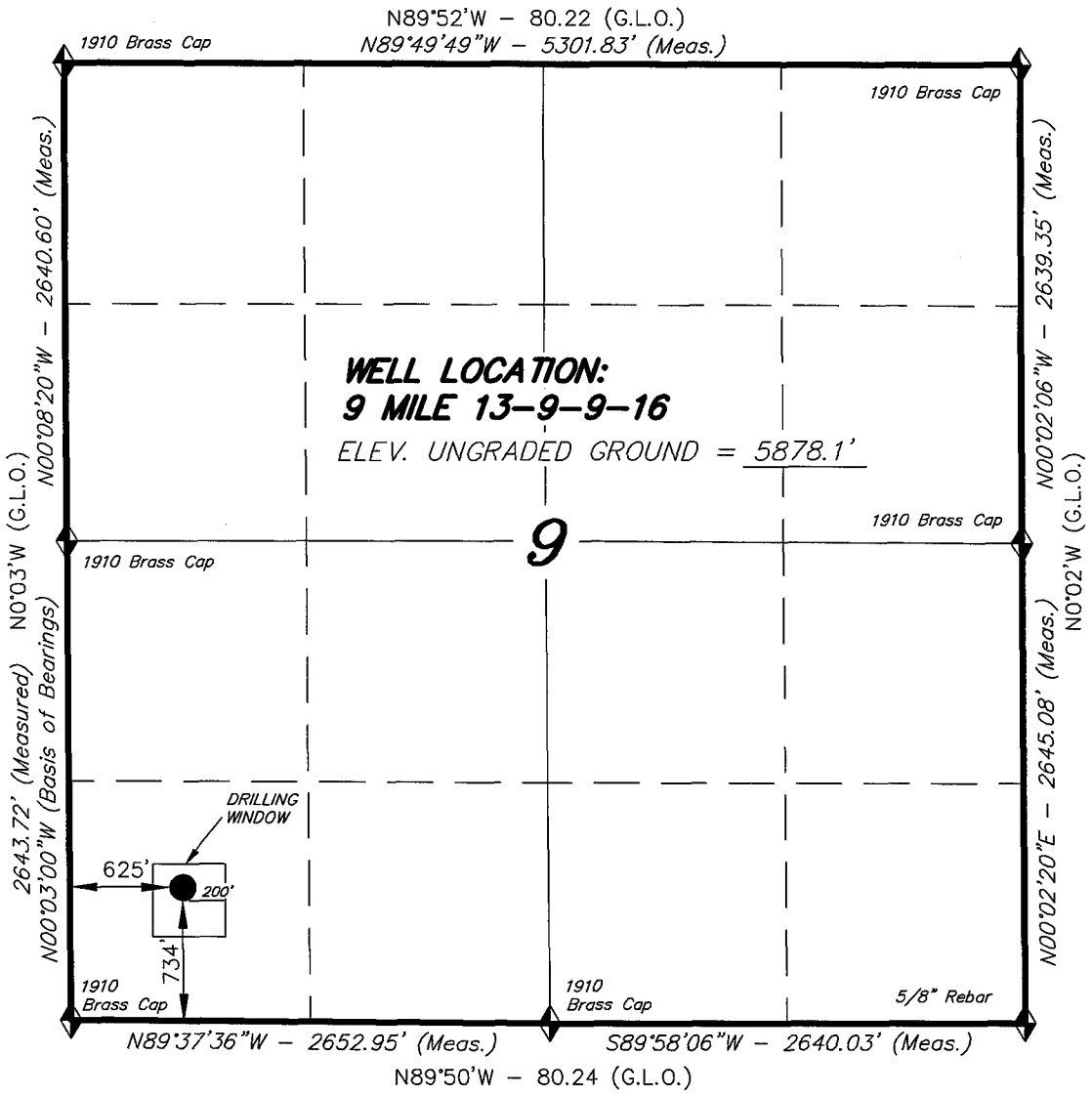
Federal Approval of this Action Is Necessary

RECEIVED
FEB 0 6 2006
DIV. OF OIL, GAS & MINING

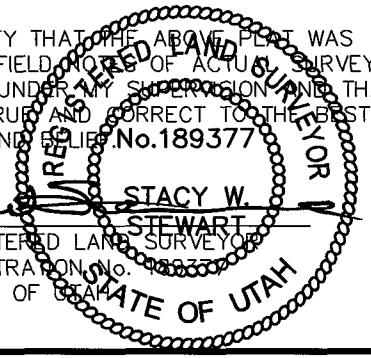
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-9-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 9, 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.



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

◆ = SECTION CORNERS LOCATED

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

9 MILE 13-9-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.50"
LONGITUDE = 110° 07' 53.55"

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

DATE SURVEYED: 1-17-06	SURVEYED BY: C.M.
DATE DRAWN: 1-20-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #13-9-9-16
SW/SW SECTION 9, 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' – 2480'
Green River	2480'
Wasatch	6135'

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

Green River Formation 2480' – 6135' - 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 #13-9-9-16
SW/SW SECTION 9, 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 #13-9-9-16 located in the SW 1/4 SW 1/4 Section 9, T9S, R16E, Duchesne 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 – 0.4 miles ± to it's junction with an existing road to the north; proceed northeasterly – 2.5 miles ± to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road – 0.5 miles ± to the proposed well location.

2. *PLANNED ACCESS ROAD*

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

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

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

5. *LOCATION AND TYPE OF WATER SUPPLY*

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

6. *SOURCE OF CONSTRUCTION MATERIALS*

Please refer to the Monument Butte Field SOP.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

Please refer to the Monument Butte Field SOP.

8. *ANCILLARY FACILITIES*

Please refer to the Monument Butte Field SOP.

9. *WELL SITE LAYOUT*

See attached Location Layout Diagram.

10. *PLANS FOR RESTORATION OF SURFACE*

Please refer to the Monument Butte Field SOP.

11. *SURFACE OWNERSHIP* - Bureau Of Land Management

12. *OTHER ADDITIONAL INFORMATION*

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Arch Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #13-9-9-16 Newfield Production Company requests a 200' ROW be granted in Lease UTU-79833, a 970' ROW be granted in Lease UTU-79831, a 370' ROW be granted in Lease UTU-77359, and 1070' 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 1170' ROW in Lease UTU-79833, a 1440' ROW be granted in Lease UTU-79831, a 370' ROW be granted in Lease UTU-77359, and 1070' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1170' ROW in Lease UTU-79833, a 1440' ROW be granted in Lease UTU-79831, a 370' ROW be granted in Lease UTU-77359, and 1070' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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

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

Threatened, Endangered, And Other Sensitive Species
Golden Eagle: Amy Torres to advise.

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*	4 lbs/acre
Needle and Threadgrass	*Stipa Comata*	4 lbs/acre
Indian Ricegrass	*Oryzopsis Hymenoides*	4 lbs/acre

Details of the On-Site Inspection
The proposed Federal #13-9-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-9-9-16 SW/SW Section 9, 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.

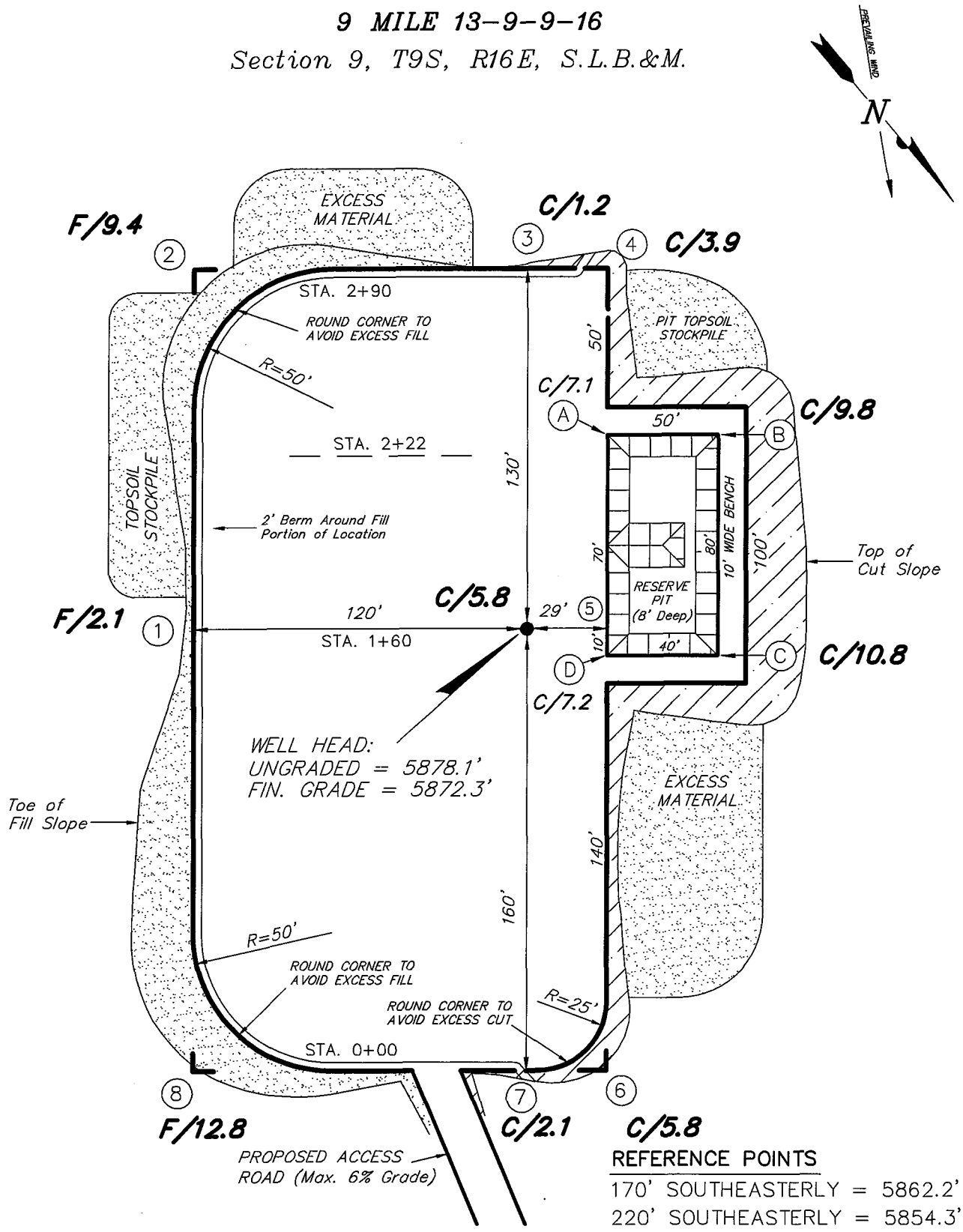
2/3/06
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 13-9-9-16

Section 9, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' SOUTHEASTERLY = 5862.2'
220' SOUTHEASTERLY = 5854.3'
180' SOUTHWESTERLY = 5873.2'
230' SOUTHWESTERLY = 5879.1'

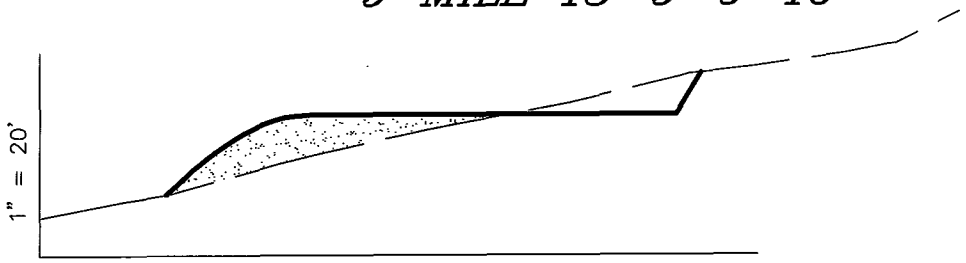
SURVEYED BY: C.M.		SCALE:	1" = 50'
DRAWN BY: M.W.		DATE:	1-20-06

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

NEWFIELD PRODUCTION COMPANY

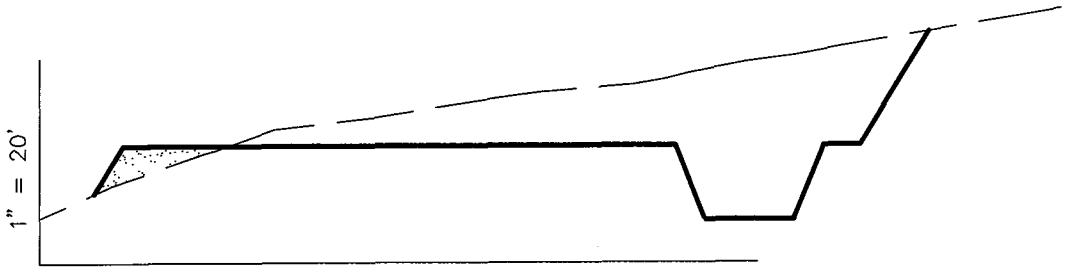
CROSS SECTIONS

9 MILE 13-9-9-16



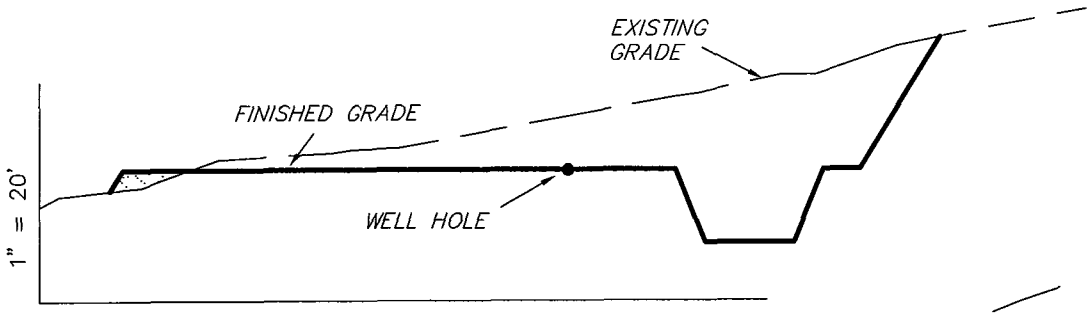
1" = 50'

STA. 2+90



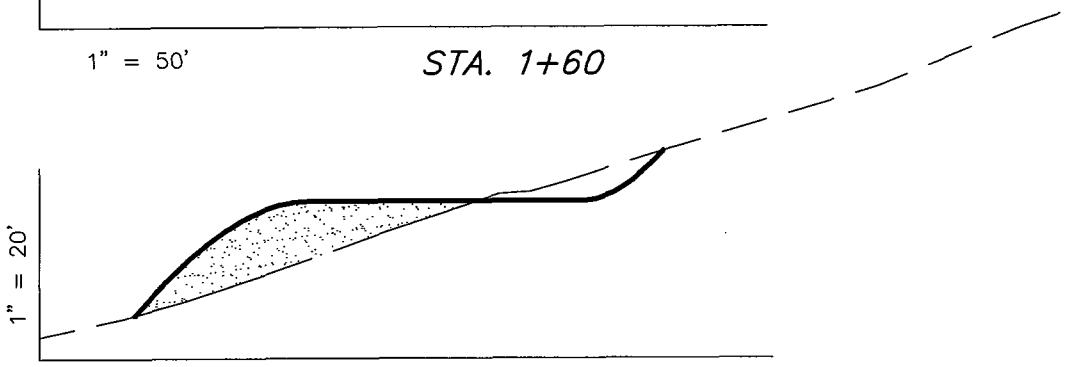
1" = 50'

STA. 2+22



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

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

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

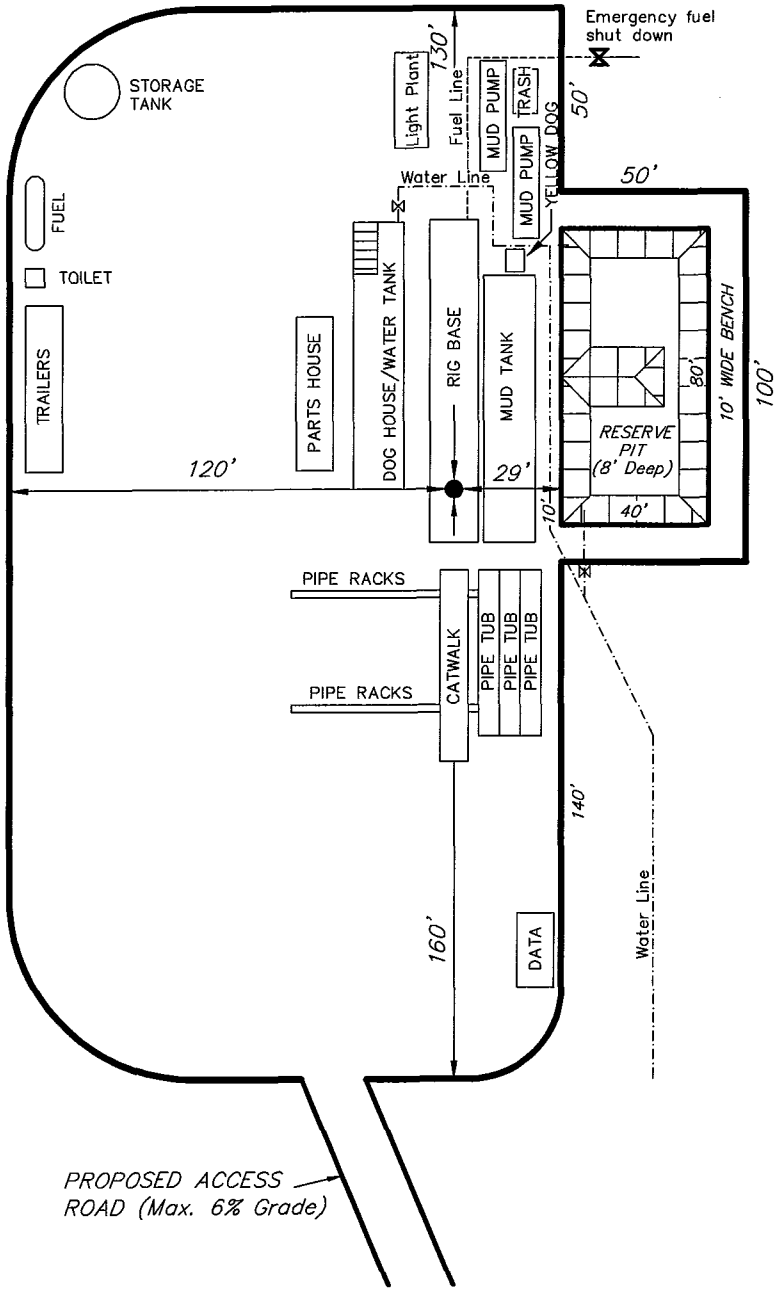
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,830	4,830	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,470	4,830	1,060	0

SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE: 1-20-06	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	

NEWFIELD PRODUCTION COMPANY

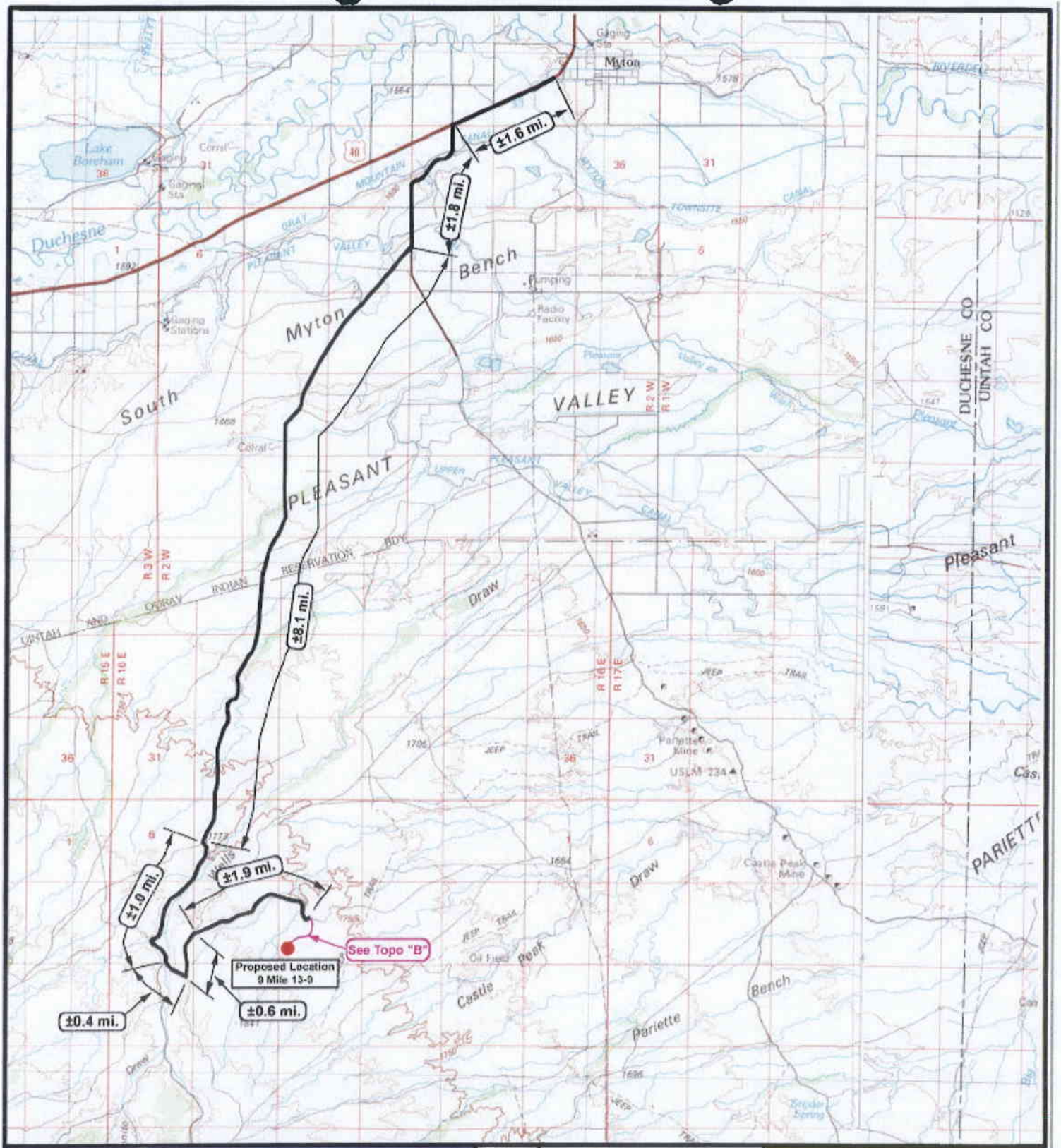
TYPICAL RIG LAYOUT

9 MILE 13-9-9-16



SURVEYED BY: C.M.		SCALE:	1" = 50'
DRAWN BY: M.W.		DATE:	1-20-06

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



NEWFIELD
Exploration Company

9 Mile 13-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

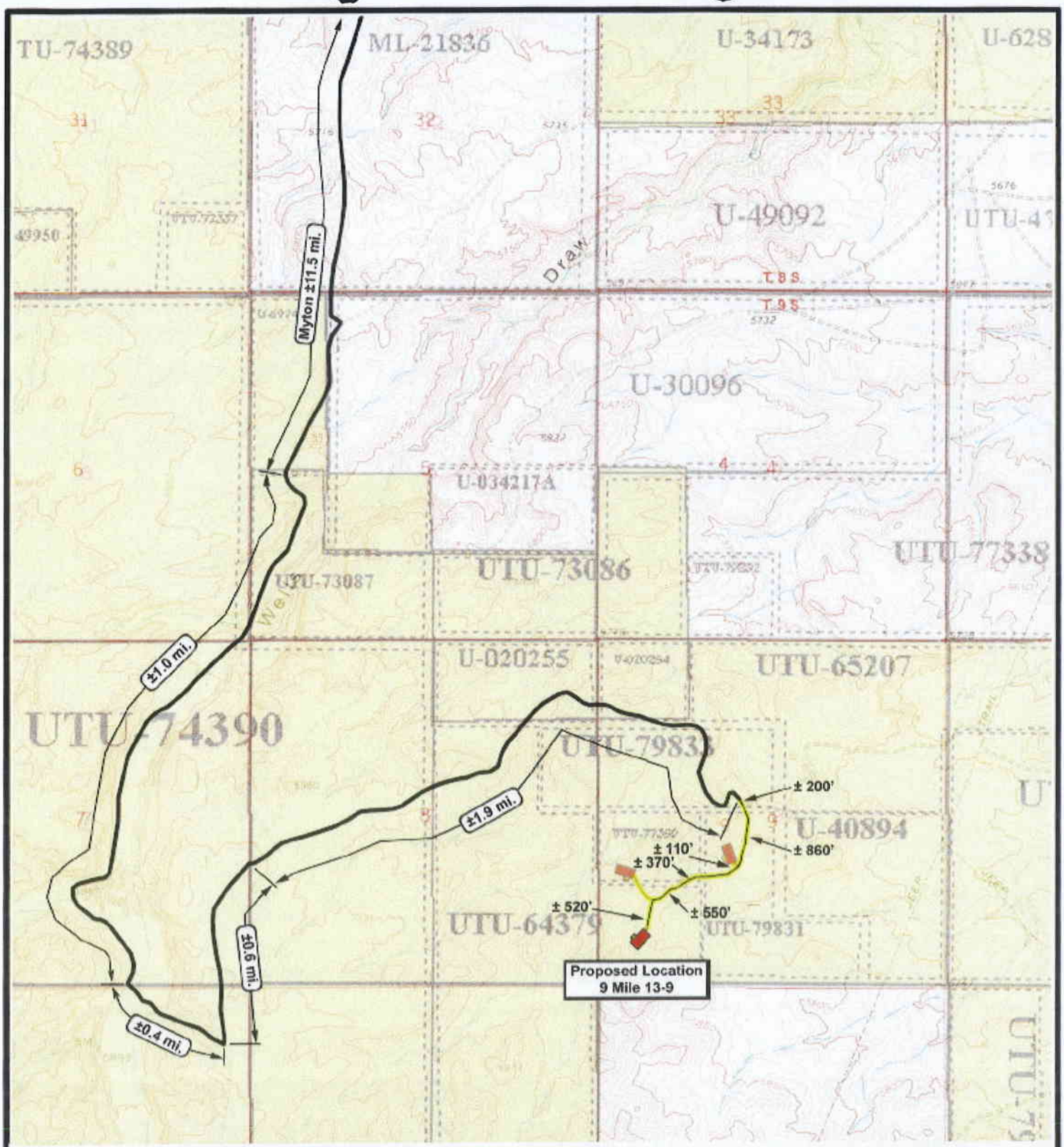
N

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

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-20-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 13-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

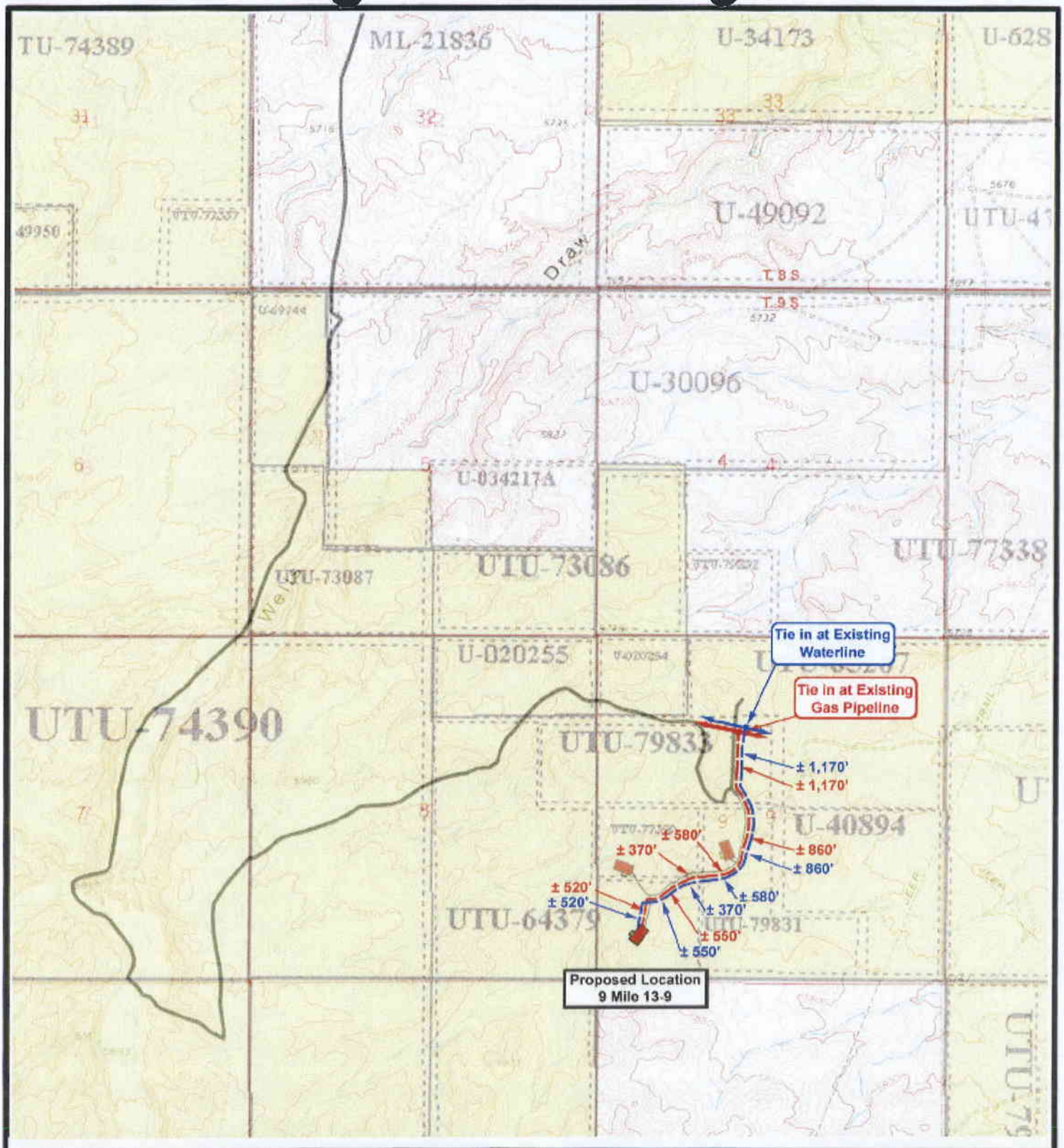
N

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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-20-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 13-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

N

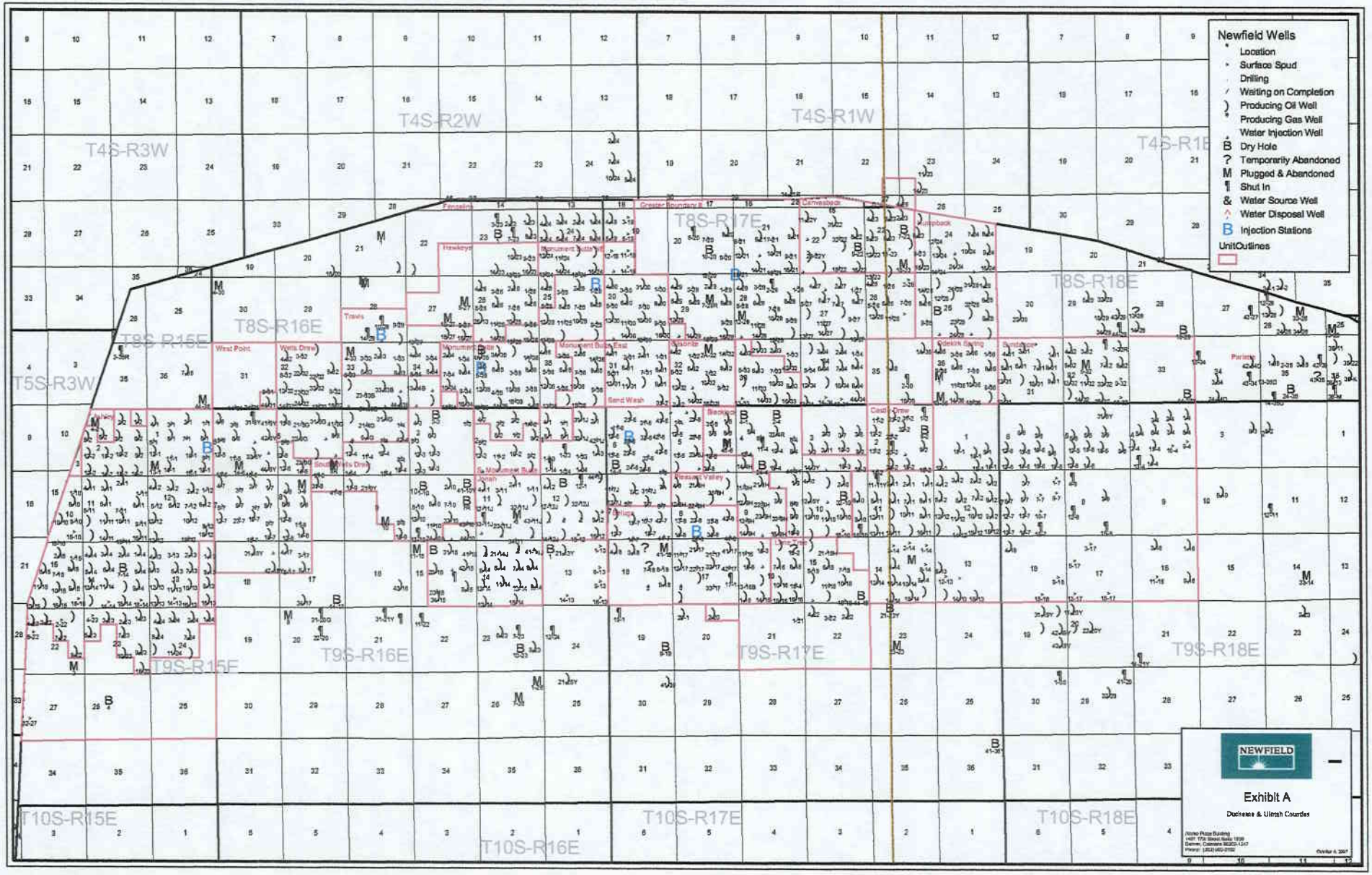
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

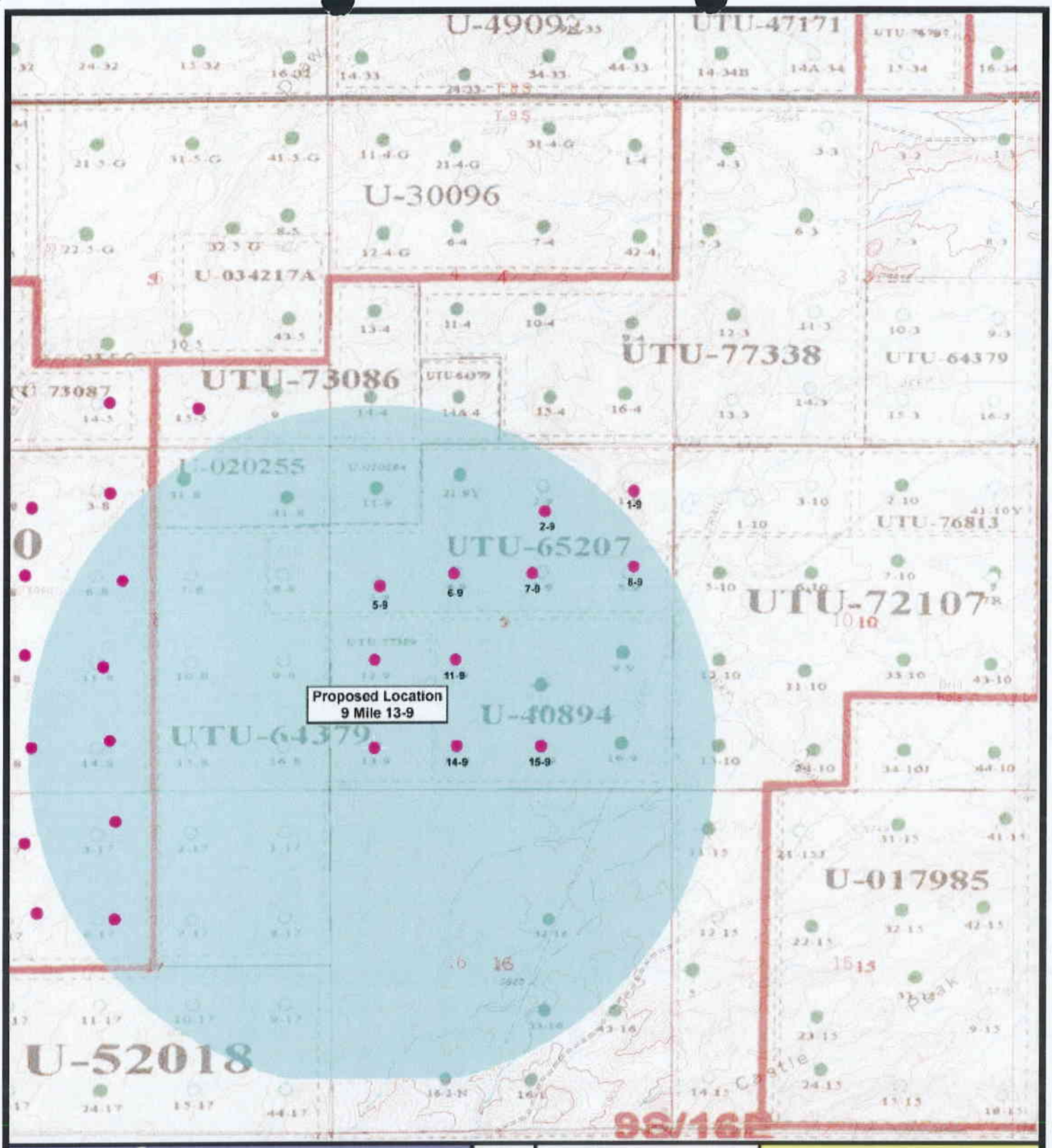
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-20-2006

Legend

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water 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-R2W
T4S-R1W
T4S-R3W
T4S-R1E
T8S-R17E
T8S-R16E
T8S-R15E
T8S-R18E
T5S-R3W
T9S-R16E
T9S-R17E
T9S-R18E
T9S-R15E
T10S-R15E
T10S-R17E
T10S-R18E
T10S-R16E
NEWFIELD
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

9 Mile 13-9-9-16
SEC. 9, 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: 01-20-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

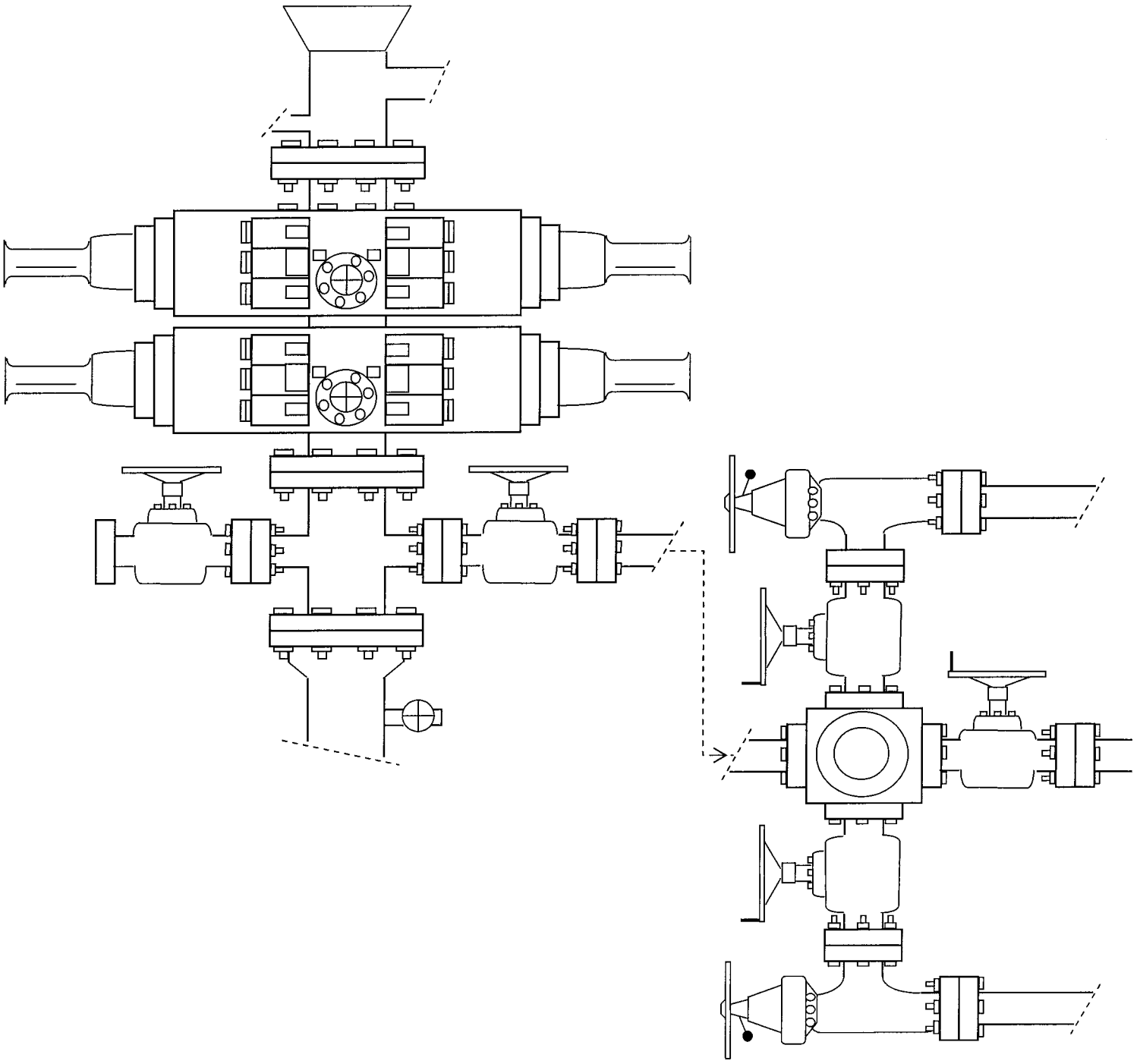


EXHIBIT C

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

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/06/2006

API NO. ASSIGNED: 43-013-33052

WELL NAME: FEDERAL 13-9-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWSW 09 090S 160E

SURFACE: 0734 FSL 0625 FWL

BOTTOM: 0734 FSL 0625 FWL

COUNTY: DUCHESNE

LATITUDE: 40.04014 LONGITUDE: -110.1309

UTM SURF EASTINGS: 574144 NORTHINGS: 4432364

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:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

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

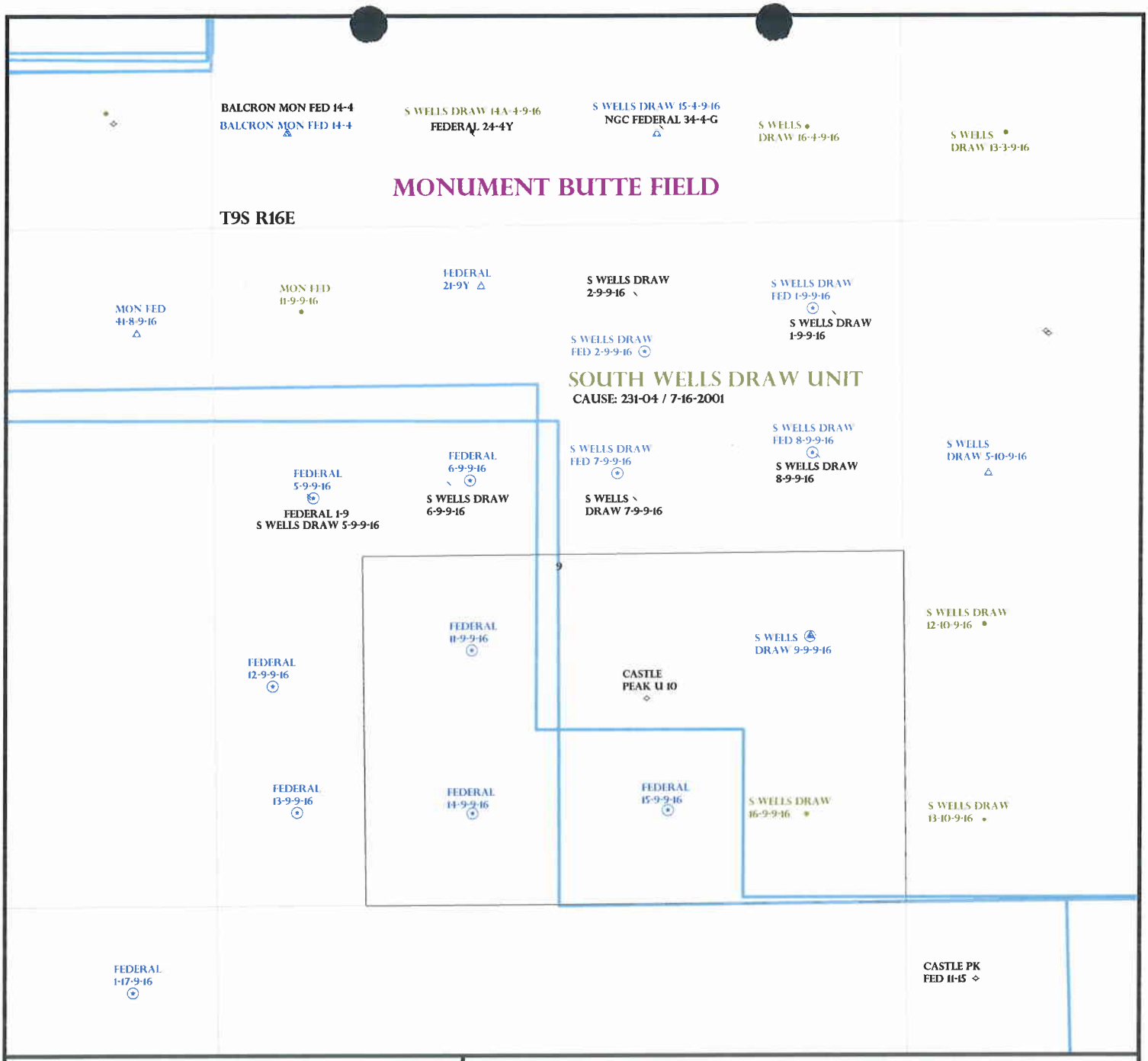
___ R649-3-3. Exception

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

___ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1-Federal Approval
2- Spacing Slip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 9 T. 9S R. 16E

FIELD: MONUMENT BUTTE (630)

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: 8-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 9, 2006

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

Re: Federal 13-9-9-16 Well, 734' FSL, 625' FWL, SW SW, Sec. 9, 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 43-013-33052.

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 13-9-9-16

API Number: 43-013-33052

Lease: UTU-64379

Location: SW SW **Sec.** 9 **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.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 13-9-9-16

9. API Well No.
43-013-33052

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UT.

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
734 FSL 625 FWL SW/SW Section 9, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Permit Extension**	[ ] Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/9/06 (expiration 2/9/07).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

Date: 02-07-07

By:

2-8-07 RM

FEB 06 2007

DIV. OF OIL, GAS & MINING

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

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

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33052
Well Name: Federal 13-9-9-16
Location: SW/SW Section 9,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/9/2006

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

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

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

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

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

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

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

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

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

Mandi Crozier
Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FEB 06 2007

FEB 9 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 13-9-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33052

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 SW/SW 734' FSL 625' FWL

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area: SW/SW Sec. 9, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 15.9 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. 586' 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. 2679'

19. Proposed Depth: 6165'

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

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

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

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

24. Attachments

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

1. Well plat certified by a registered surveyor.
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: 2/2/06

Title: Regulatory Specialist

Approved by *(Signature)*: Jerry Kenczka — Name *(Printed/Typed)*: Jerry Kenczka — Date: 3-16-2007

Title: Assistant Field Manager Lands & Mineral Resources — Office: VERNAL FIELD OFFICE

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

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

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

**(Instructions on reverse)*

RECEIVED

MAR 3 0 2007

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

NO NOS

07BM4649A

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:**	**SWSW, Sec 9, T9S, R16E**
Well No:	**Federal 13-9-9-16**	**Lease No:**	**UTU-64379**
API No:	**43-013-33052**	**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	
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

UDOGM

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

LEASE STIPULATIONS

1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

2. Wildlife:
   The proposed area contains Mountain plover habitat. There will be a **time restriction from May 15 – June 15** to minimize disturbance during Mountain plover nesting.

   Lease Notices from Resource Management Plan:
   The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or it's habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

   Comments: If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

GENERAL CONDITIONS OF APPROVAL

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 August 24, 2005. If the well has not been spudded by August 24, 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 will be complied with.

3. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

4. 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.

5. The access road will be crowned and ditched. Flat-bladed roads are not allowed.

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. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.

8. Pipelines will be buried at all major drainage crossings.

9. Prevent fill and stock piles from entering drainages.

10. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.

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

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

13. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

14. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

15. The interim seed mix for this location shall be:

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

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

16. The operator will be responsible for treatment and control of invasive and noxious weeds.

17. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.

18. Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

19. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

20. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

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

22. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.

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

24. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. 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.

   Cement baskets shall not be run on surface casing.

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

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

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

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

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

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

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

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

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

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

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_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 Exploration & Production**

Well Name: **Federal 13-9-9-16**

API No: **43-013-33052** Lease Type: **Federal**

Section **09** Township **09S** Range **16E** County **Duchesne**

Drilling Contractor **NDSI** Rig # **NS#1**

SPUDDED:

Date **4-21-07**

Time **1:30 PM**

How **Dry**

Drilling will Commence:

Reported by **Justin Crum**

Telephone # **435-823-6733**

Date **4-23-07** **Signed** **RM**

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

RECEIVED
APR 2 5 2007
DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	15150 ✓	43-013-33273	MON BT NE H-25-8-16	NE/NW	25	8S	16E	DUCHESNE	4/18/2007	4/26/07

WELL 1 COMMENTS: GRRV BHL = C of N/2

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16063	43-013-33175	FEDERAL 9-22-9-16	NE/SE	22	9S	16E	DUCHESNE	4/19/2007	4/26/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	16064	43-013-33050	FEDERAL 11A-9-9-16	NE/SW	9	9S	16E	DUCHESNE	4/23/2007	4/26/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16065	43-013-33052	FEDERAL 13-9-9-16	SW/SW	9	9S	16E	DUCHESNE	4/21/2007	4/26/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	15150 ✓	43-013-33274	MON BT NE C-25-8-16	NW/NE	25	8S	16E	DUCHESNE	4/20/2007	4/26/07

WELL 5 COMMENTS: GRRV BHL = NW corner of NE Quad

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16066	43-013-33167	FEDERAL 15-22-9-16	SW/SE	22	9S	16E	DUCHESNE	4/22/2007	4/26/07

WELL 5 COMMENTS: GRRV

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

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

Jentri Park
Signature
Production Clerk
April 24, 2007
Date

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 13-9-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333052

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)*
734 FSL 625 FWL

SWSW Section 9 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 Spud Notice
	☐ 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 4/21/07 MIRU NDSI NS # 1. Spud well @ 1:30 pm. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.03 KB. On 4/24/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

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

Title
Drilling Foreman

Signature

Date
04/25/2007

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)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.03

LAST CASING 8 5/8" set @ 323.03
DATUM 12' KB
DATUM TO CUT OFF CASING
DATUM TO BRADENHEAD FLANGE
TD DRILLER 320' LOGGER
HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
WELL Federal 13-9-9-16
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.68'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.18
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	313.03	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	311.18	7
TOTAL CSG. DEL. (W/O THRDS)	311.18	7
TIMING	1ST STAGE	
BEGIN RUN CSG. Spud	4/22/2007	9:30AM
CSG. IN HOLE	4/22/2007	10:30AM
BEGIN CIRC	4/24/2007	7:41 AM
BEGIN PUMP CMT	4/24/2007	7:49 AM
BEGIN DSPL. CMT	4/24/2007	8:01 AM
PLUG DOWN	4/24/2007	8:10 AM

TOTAL LENGTH OF STRING	313.03
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	323.03

} COMPARE

GOOD CIRC THRU JOB YES
Bbls CMT CIRC TO SURFACE 5
RECIPROCATED PIPE FOR
BUMPED PLUG TO 200 PSI

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Jim Smith DATE 4/24/2007

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 13-9-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333052

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)*
734 FSL 625 FWL

SWSW Section 9 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 4/25/07 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 @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6000'. 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, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 6014.39'/ KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 21 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 83,000 #'s tension. Release rig @ 6:00 am 4/30/07.

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

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

Title
Drilling Foreman

Signature Don Bastian

Date
04/30/2007

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6014.39

Flt cllr @ 5968.54'

LAST CASING 8 5/8" Set @ 323.03"

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal13-9-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 6000' TD loggers 6011'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					16
		Short jt 6.22'					
136	**5 1/2"**	ETC LT & C casing	**15.5#**	**J-55**	**8rd**	**A**	5956.54
							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	6018.39	137
LESS NON CSG. ITEMS	17.25	
PLUS FULL JTS. LEFT OUT	381.01	9
TOTAL	**6382.15**	146
TOTAL CSG. DEL. (W/O THRDS)	6382.15	146
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	6:00 PM	4/29/2007
CSG. IN HOLE	9:00 PM	4/29/2007
BEGIN CIRC	9:20 PM	4/29/2007
BEGIN PUMP CMT	10:36 PM	4/29/2007
BEGIN DSPL. CMT	11:43 PM	4/29/2007
PLUG DOWN	12:14 AM	4/30/2007

TOTAL LENGTH OF STRING	6018.39
LESS CUT OFF PIECE	16
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**6014.39**

} COMPARE

GOOD CIRC THRU JOB Yes

Bbls CMT CIRC to surface 21

RECIPROCATED PIPE FOR THRUSTROKE

DID BACK PRES. VALVE HOLD ? No

BUMPED PLUG TO 2500 PSI

CEMENT USED		CEMENT COMPANY- **B. J.**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.49 cf/sk yield
2	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 Don Bastian DATE 4/30/2007

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 13-9-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333052

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)*
734 FSL 625 FWL

SWSW Section 9 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

RECEIVED
JUN 0 4 2007
DIV. OF OIL, GAS & MINING

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

Title
Regulatory Specialist

Signature

Date
06/01/2007

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)

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 13-9-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333052

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: 734 FSL 625 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 9, 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
06/06/2007	[ ] 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 05/31/07, attached is a daily completion status report.

RECEIVED
JUN 08 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 06/06/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 13-9-9-16

3/1/2007 To 7/30/2007

5/15/2007 Day: 1 **Completion**

Rigless on 5/14/2007 - nstall 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5969' & cement top @ surface. Perforate stage #1. CP.5 sds @ 5625-5630', CP2 sds @ 5665- 70' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 150 BWTR. SIFN.

5/26/2007 Day: 2 **Completion**

Rigless on 5/25/2007 - RU BJ Services. 0 psi on well. Frac CP.5 & CP2 sds w/ 14,942#'s of 20/40 sand in 271 bbls of Lightning 17 fluid. Broke @ 3020 psi. Treated w/ ave pressure of 2299 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2063 psi. Leave pressure on well. 421 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 22' perf gun. Set plug @ 5515'. Perforate LODC sds @ 5400- 22' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots (2 runs due to misrun). RU BJ Services. 80 psi on well. Frac LODC sds w/ 138,714#'s of 20/40 sand in 970 bbls of Lightning 17 fluid. Broke @ 4001 psi. Treated w/ ave pressure of 2903 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 3560 psi. Leave pressure on well. 1391 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 11' perf gun. Set plug @ 5320'. Perforate A3 sds @ 5204-15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 980 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid. RU BJ Services. 0 psi on well. Pumped 143.9 bbls of fluid. Shut down due to "Visc" problems. Restart job. Frac A3 sds w/ 55,148#'s of 20/40 sand in 467 bbls of Lightning 17 fluid. Broke @ 3433 psi. Treated w/ ave pressure of 2274 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2052 psi. Leave pressure on well. 2001 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 4930'. Perforate D2 sds @ 4823- 32' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1450 psi on well. Frac D2 sds w/ 50,506#'s of 20/40 sand in 419 bbls of Lightning 17 fluid. Broke @ 4102 psi. Treated w/ ave pressure of 1952 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2034 psi. Leave pressure on well. 2420 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4370'. Perforate GB4 sds @ 4254-62' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1535 psi on well. Frac D2 sds w/ 13,089#'s of 20/40 sand in 202 bbls of Lightning 17 fluid. Broke @ 2104 psi. Treated w/ ave pressure of 1894 psi @ ave rate of 24.5 BPM. ISIP 1700 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec est. 240 BTF. SIWFN w/ 2382 BWTR.

5/30/2007 Day: 3 **Completion**

Western #3 on 5/29/2007 - MIRU Western #3. 50 psi on well. Bleed off pressure.

ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Talley, PU & RIH w/ 4 3/4" Chomp bit, bit sub & 2 7/8 J-55 tbg. Tagged fill @ 4286'. RU Nabors power swivel. Circulate sand & drill out plugs. Sand @ 4286', Drill out plug @ 4370' (Drilled out in 15 mins). Tagged sand @ 4788', Drill out plug @ 4930' (Drilled out in 15 mins). Tagged sand @ 5172'. Circulate clean to plug @ 5320'. LD 1 jt of tbg. EOT @ 5285'. SIWFN w/ 2490 BWTR.

5/31/2007 Day: 4 **Completion**

Western #3 on 5/30/2007 - Well on vacuum. Continue circulating sand & drilling out plugs. Drill out plug @ 5320' (Drilled out in 10 mins). Tagged sand @ 5430', Drill out plug @ 5515' (Drilled out in 15 mins). Tagged sand @ 5892'. Circulate clean to PBTD @ 5969'. LD 2 jt of tbg. RU swab equipment. IFL @ surface. Made 17 runs, Rec 110 BTF. FFL @ 1100'. Final oil cut, Trace. RD swab equipment. TIH w/ tbg. Tagged sand @ 5965'. Circulate clean to PBTD @ 5969'. LD extra tbg. TOH w/ tbg. LD bit & bit sub. PU & TIH w/ production tbg. NC, 2-jts of tbg, SN, 2-jts of tbg, 5 1/2" TA & 177 jts of tbg. Gain a total of 135 BW today. SIWFN w/ 2355 BWTR.

6/1/2007 Day: 5 **Completion**

Western #3 on 5/31/2007 - ND BOP. Tried to set TA. TA would not set. Land tbg on flange. Circulate well w/ 60 BW. Unland tbg. Try to set TA, Would not set. NU BOP. TOH w/ tbg & replace TA. TIH w/ production tbg same as pulled (NC, 2-jts of tbg, SN, 2-jts of tbg, 5 1/2" TA & 177 jts of tbg). ND BOP. Set TA w/ 16,000# of tension. Land tbg on flange w/ TA @ 5606', SN @ 5672', EOT @ 5736'. NU WH. Flush tbg w/ 60 BW. PU & RIH w/ 2 1/2" X 1 1/2" X 20' RHAC (CDI), 6- 1 1/2" wt bars "B grade", 20- 3/4" guided rods "B grade", 110- 3/4" plain rods "B grade", 90- 3/4" guided rods "B grade", 1- 2', 1- 4' X 3/4" pony rods, 1 1/2" X 26' Polish rod. Hang head, Space out rods. Stroke test w/ unit to 800 psi, Good action. POP @ 6:00 PM w/ 102" SL @ 5 SPM. 2340 BWTR. FINAL REPORT!!!

Pertinent Files: Go to File List

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

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

7. UNIT AGREEMENT NAME: Federal

8. FARM OR LEASE NAME, WELL NO.: Federal 13-9-9-16

2. NAME OF OPERATOR: Newfield Exploration Company

9. WELL NO.: 43-013-33052

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

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 734' FSL & 625' FWL (SW/SW) Sec. 9, T9S, R16E
At top prod. Interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 9, T9S, R16E

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33052	02/09/07	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
04/21/07	04/29/07	05/31/07	5878' GL 5890' 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
6000'	5969'		------->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Green River 4454'-5630'

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#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6014'	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 @ 5736'	TA @ 5606'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP.5, 2) 5625'-5630', 5665'-70'	.49"	4/40
(LODC) 5400'-5422'	.49"	4/88
(A3) 5204'-5215'	.49"	4/44
(D2) 4823'-32'	.49"	4/36
(GB4) 4254'-4262'	.49"	4/32

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5625'-5670'	Frac w/ 14,942# 20/40 sand in 271 bbls fluid
5400'-5422'	Frac w/ 138,714# 20/40 sand in 970 bbls fluid
5204'-5215'	Frac w/ 55,148# 20/40 sand in 467 bbls fluid
4823'-4832'	Frac w/ 50,506# 20/40 sand in 419 bbls fluid
4254'-4262'	Frac w/ 13,089# 20/40 sand in 202 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
05/31/07	2-1/2" x 1-1/2" x 20' 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			----->	63	11	56	175

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

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DIV. OF OIL, GAS & MINING

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Clerk DATE 6/12/2007

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 13-9-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	**3731'**	
Garden Gulch 1	**3948'**	
Garden Gulch 2	**4056'**	
Point 3 Mkr	**4315'**	
X Mkr	**4580'**	
Y-Mkr	**4613'**	
Douglas Creek Mkr	**4734'**	
BiCarbonate Mkr	**4942'**	
B Limestone Mkr	**5082'**	
Castle Peak	**5593'**	
Basal Carbonate		
Total Depth (LOGGERS	**6011'**	

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-394

Operator: Newfield Production Company

Well: Federal 13-9-9-16

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

County: Duchesne

API No.: 43-013-33052

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 25, 2012.
2. Maximum Allowable Injection Pressure: 1,672 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,055' – 5,969')
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: _____ 2/26/2014
John Rogers
Associate Director
Date

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

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*

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

July 25, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 13-9-9-16, Section 9, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33052

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 4,055 feet in the Federal 13-9-9-16 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
SITLA
Newfield Production Company, Myton
Well File
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1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
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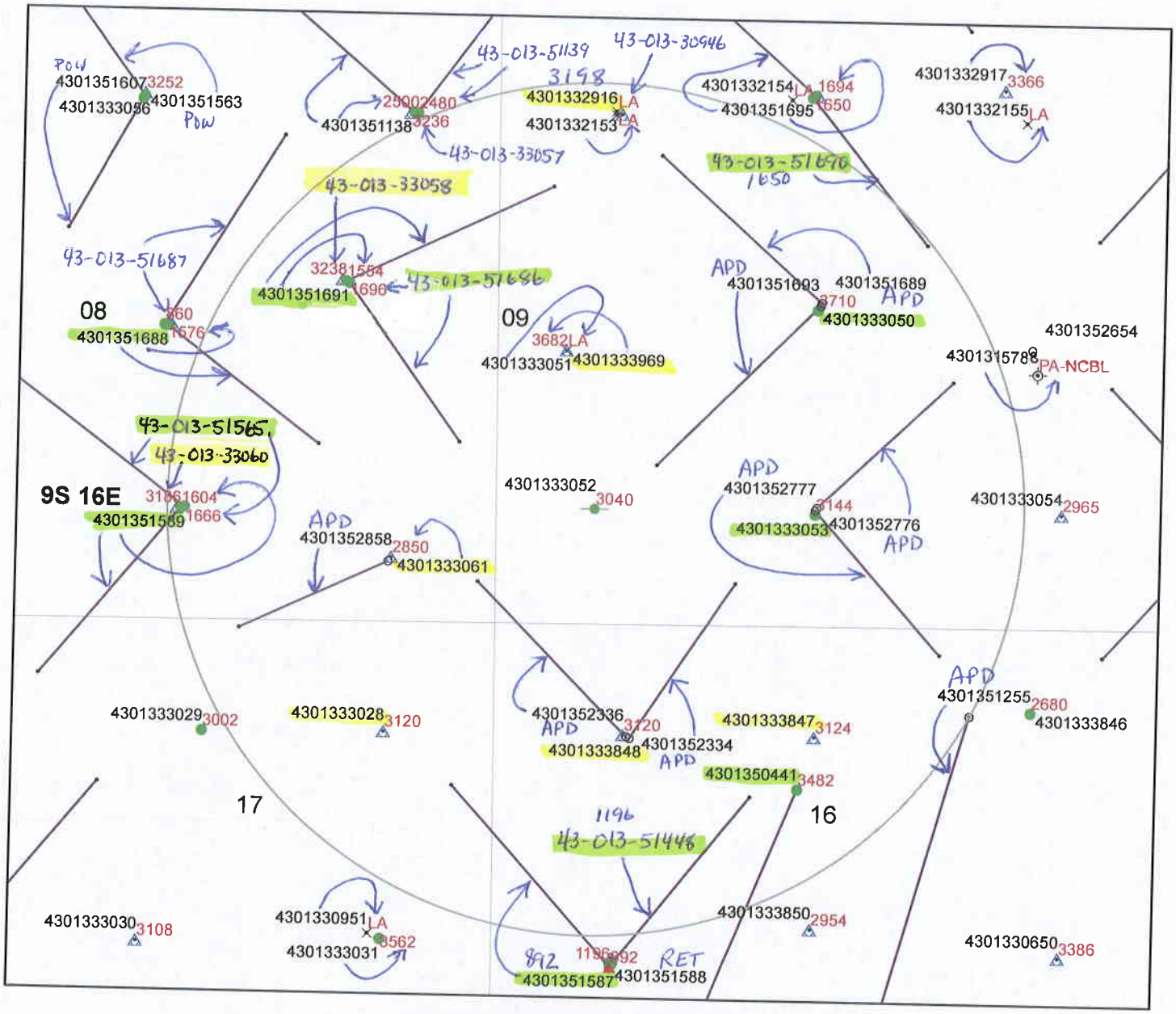
UTAH DNR OIL, GAS & MINING



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 in AOR
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well in AOR
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

Well Bottom Hole Location

Oil & Gas Wells Hole Directional Path

Wells-CbltopsMaster 1-31-13

DNR Oil Gas Wells Buffer

County Boundaries

PLSS Sections

PLSS Townships

Cement Bond Tops
Federal 13-9-9-16
API #43-013-33052
UIC-394.1

(updated 3/25/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles

N

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

Applicant: Newfield Production Company **Well:** Federal 13-9-9-16

Location: 9/9S/16E **API:** 43-013-33052

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

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,014 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,040 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,204 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (3/25/2014), based on surface locations, there are 7 producing wells, 8 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. One of the producing wells is horizontally drilled, with the surface location inside the AOR and the bottom hole location outside the AOR. Another two of the producing wells are directional, with surface locations inside the AOR and bottom hole locations outside the AOR. Additionally, there are 4 directional wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there is a permitted location on the southeast edge of the AOR from which a horizontal will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 4,055 feet and 5,969 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-9-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,672 psig. The requested maximum pressure is 1,672 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: 7/18/2012 (revised 3/25/2014)

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

The Salt Lake Tribune MEDIAOne Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/11/2012

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DIV. OF OIL, GAS & MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000799170 /
SCHEDULE	
Start 06/11/2012	End 06/11/2012
CUST. REF. NO.	
UIC-394	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL	
SIZE	
66 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
	TOTAL COST
	226.76

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

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 5th day of June, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
799170

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-394 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 06/11/2012 End 06/11/2012

SIGNATURE

6/11/2012

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"
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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
31922	6/13/2012

Advertiser No.	Invoice Amount	Due Date
2080	$120.25	7/13/2012

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

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JUN 19 2012
DIV. OF OIL, GAS & MINING

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. 31922** — **6/13/2012**

Date	Order		Description	Ad Size	SubTotal	Sales Tax	Amount
6/13/2012	15872	UBS	UBS Legal Notice: Notice of Agency Action: Newfield Cause No. UIC-394 Pub. June 12, 2012				$120.25
						Sub Total:	$120.25
				Total Transactions: 1		Total:	$120.25

SUMMARY **Advertiser No.** 2080 **Invoice No.** 31922

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!

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 12 day of June, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of June, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Publisher

Subscribed and sworn to before me on this

18 day of June, 2012

by Kevin Ashby.

Notary Public

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

NOTICE OF AGENCY ACTION CAUSE NO. UIC-394

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 9, 15, 19, 21, AND 22, 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:

013-33024

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 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
Brad Hill

Published in the Uintah Basin Standard June 12, 2012.

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

June 8, 2012

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

RE: Newfield Production Company Injection Wells (Cause No UIC-394)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 6 wells, located in Sections 9, 15, 19, 21 and 22, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

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

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

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

P:\Mike\DOGM Correspondence\Newfield Injection Wells25.doc

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

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 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

FEDERAL 13-9-9-16, FEDERAL 5-15-9-16, FEDERAL 7-19-9-16, FEDERAL 7-21-9-16, FEDERAL 13-21-9-16, FEDERAL 3-22-9-16

Cause No. UIC-394

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

June 6, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

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

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*

UTAH DNR OIL, GAS & MINING

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/7/2012 12:58 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

On 6/6/2012 3:02 PM, Jean Sweet wrote:

> To Whom It May Concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
> Division of Oil, Gas and Mining
> PO Box 145801
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean Sweet, Executive Secretary
> Utah Div. of Oil, Gas & Mining
> 1594 West Temple, Suite 1210
> Salt Lake City, UT
> 801-538-5329
> jsweet@utah.gov

It will run June 12.
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

June 6, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet

Jean Sweet
Executive Secretary

Enclosure

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*

UTAH DNR OIL, GAS & MINING

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/7/2012 10:37 AM
Subject: Legal Notice
Attachments: OrderConf.pdf

AD# 799170
Run Trib/DNews - 6/11
Cost $226.76
Thank you
Mark

The Salt Lake Tribune | MEDIAOne of Utah | Deseret News

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

Order Confirmation for Ad #0000799170-01

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

Total Amount	**$226.76**
Payment Amt	**$0.00**
Amount Due	**$226.76**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method
PO Number UIC-394
Confirmation Notes:
Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 66 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/11/2012	

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-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 5th day of June, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
799170 UPAXLP

NEWFIELD
ROCKY MOUNTAINS

May 11, 2012

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

RE: Permit Application for Water Injection Well
Federal #13-9-9-16
Monument Butte Field, Lease #UTU-64379
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-9-9-16 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
Regulatory Lead

RECEIVED
MAY 14 2012
DIV. OF OIL, GAS & MINING

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #13-9-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-64379

MAY 11, 2012

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal #13-9-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ SWSW section 9 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: 43-013-33052

Proposed injection interval: from 4055 to 5969
Proposed maximum injection: rate 500 bpd pressure 1672 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 Regulatory Lead Date 5/11/12
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

FEDERAL 13-9-9-16

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

Proposed Injection
Wellbore Diagram

Initial Production: 63 BOPD,
11 MCFD, 56 BWPD

SURFACE CASING

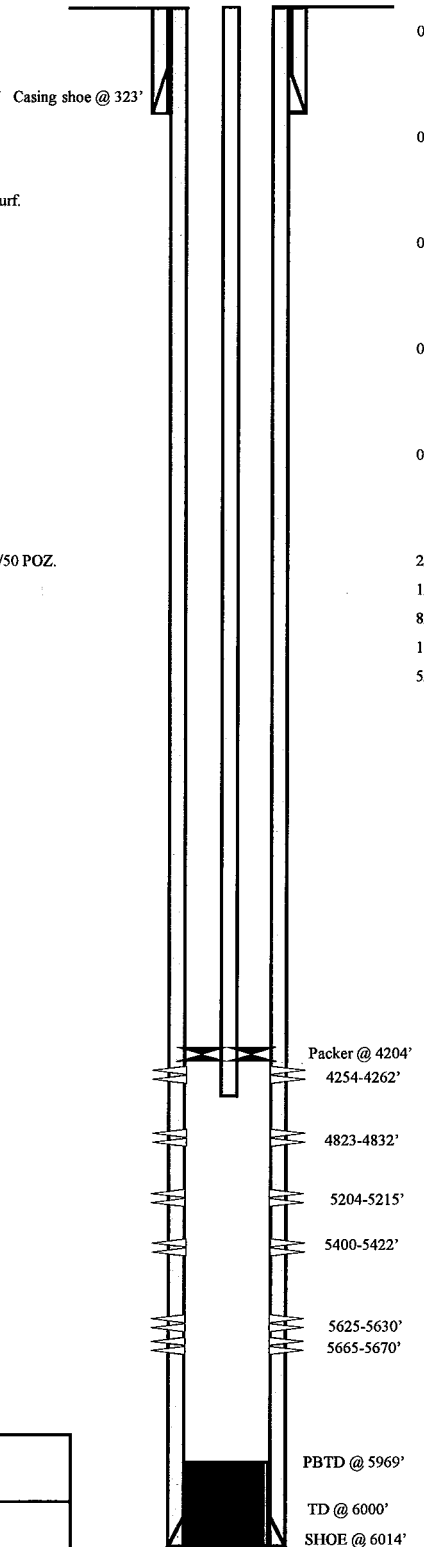
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (313.03')
DEPTH LANDED: 323.03' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

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



FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD

FEDERAL 13-9-9-16

734'FSL & 625' FWL

SW/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33052; Lease # UTU-64379

JL 4/17/2012

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 #13-9-9-16 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 #13-9-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4055' - 5969'). 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 3731' and the TD is at 6000'.

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

   The referenced log for the Federal #13-9-9-16 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 323' KB, and 5-1/2", 15.5# casing run from surface to 6014' 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 1672 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 #13-9-9-16, for existing perforations (4254' - 5670') calculates at 0.83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1672 psig. We may add additional perforations between 3731' and 6000'. See Attachments G and G-1.

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

In the Federal #13-9-9-16, the proposed injection zone (4055' - 5969') is in the Garden Gulch to the Castle Peak 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-12.

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.

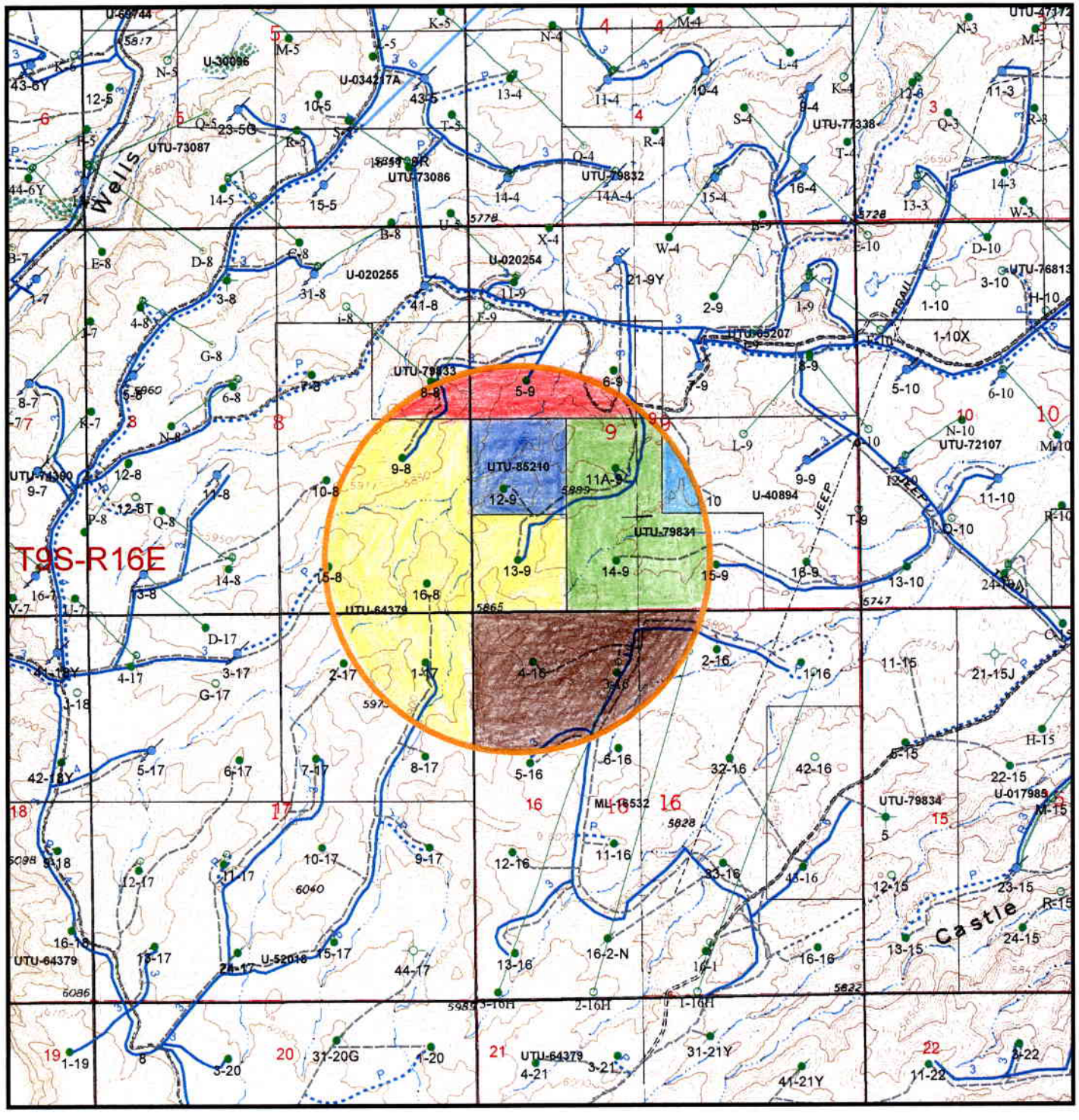
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

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-85210

UTU-79831

UTU-79833

UTU-40894

ML-16532

Federal 13-9
Section 9, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1" = 2000'

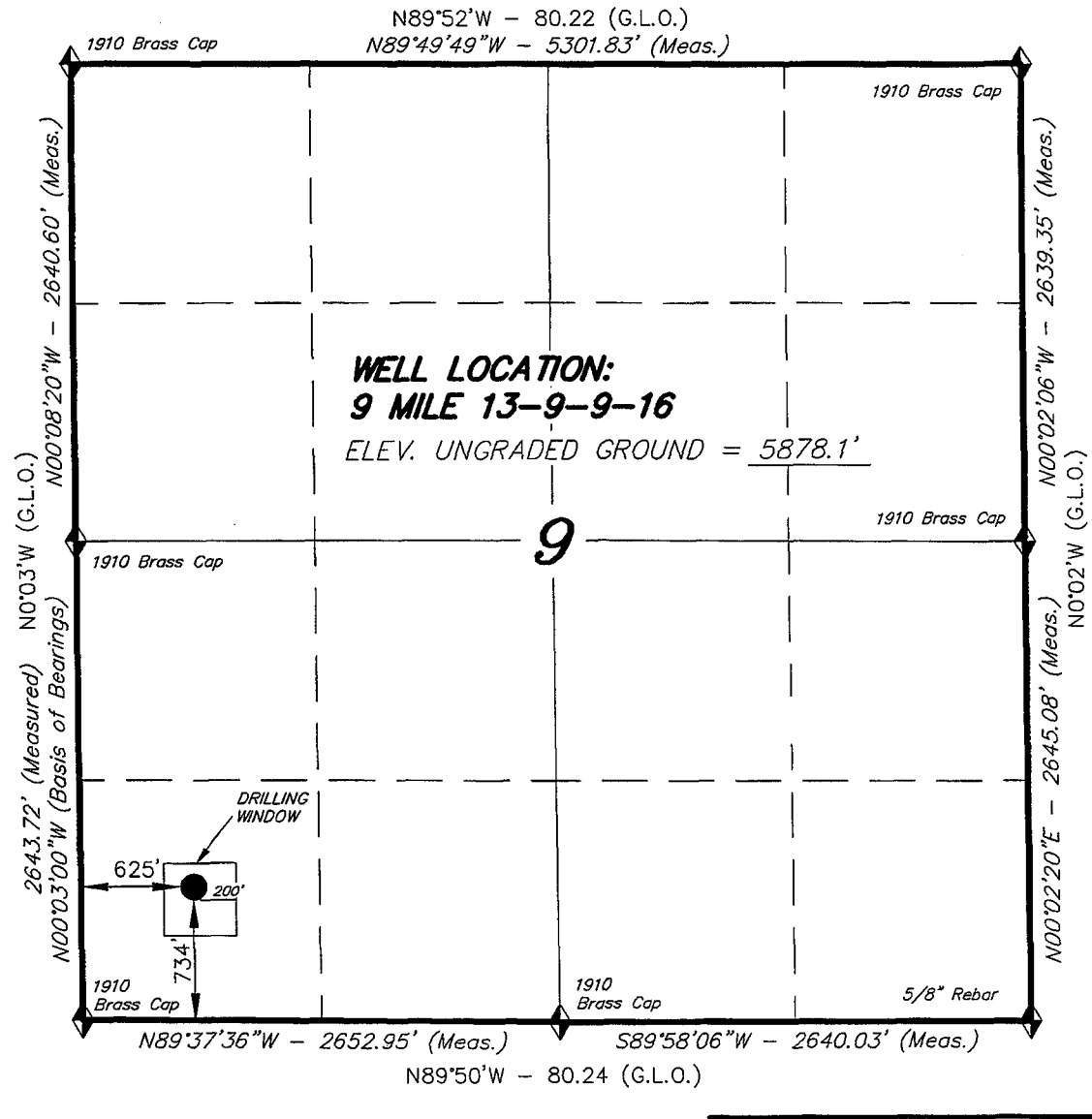
1/2 Mile Radius Map
Duchesne & Uintah Counties

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

January 25, 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 13-9-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.50"
LONGITUDE = 110° 07' 53.55"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-9-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 9, 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.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

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

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

DATE SURVEYED: 1-17-06	SURVEYED BY: C.M.
DATE DRAWN: 1-20-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Coproration	USA
2	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
3	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
4	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
5	T9S-R165E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA

6	T9S-R.65E SLM Section 16: All	State of Utah ML-16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP El Paso Production Oil & Gas Company Brave River Production Trans Republic Resources Inc American Petroleum Corp	Sate of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-9-9-16

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

Signed: _____
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 11th day of May, 2012.

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

My Commission Expires
02/10/2013

My Commission Expires: _____

CANDICE L. TWITTY NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 2/10/2013

Attachment E

FEDERAL 13-9-9-16

Spud Date: 04/21/07
Put on Production: 5/31/07

GL: 5878' KB: 5890'

Wellbore Diagram

Initial Production: 63 BOPD, 11 MCFD, 56 BWPD

SURFACE CASING

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

PRODUCTION CASING

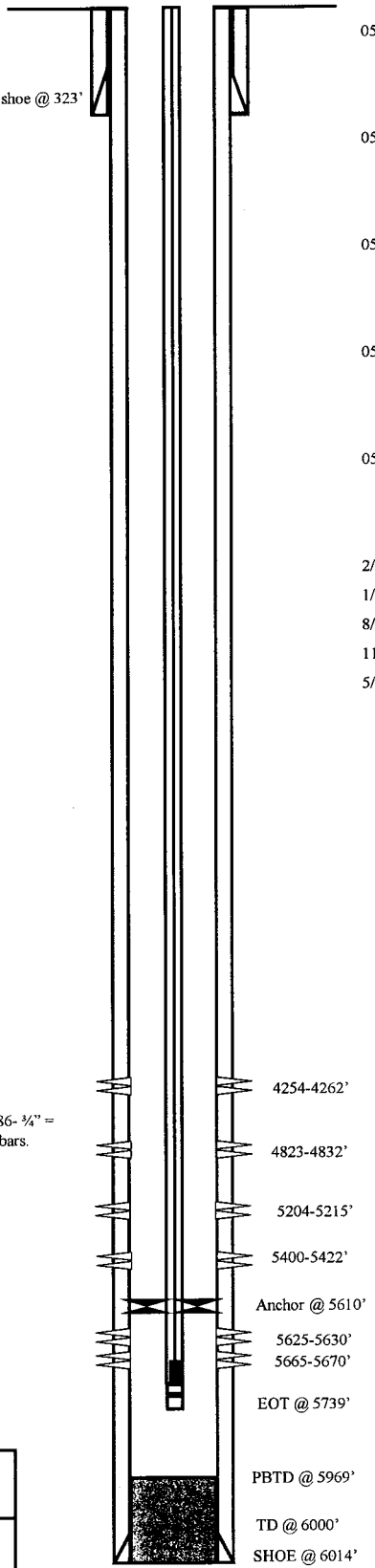
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6018.39')
DEPTH LANDED: 6014.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
TOP OF CEMENT: Surface

TUBING

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

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1 x ¾" = 4' pony rod, 89- ¾" = 2250' guided rods, 86- ¾" = 2150' sucker rods, 44- ¾" = 1100' guided rods, 6- 1 ½" = 150' sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20 'RHAC
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5



FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD

FEDERAL 13-9-9-16

734'FSL & 625' FWL

SW/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33052; Lease # UTU-64379

VC 6/21/11

Attachment E-1

Federal 8-8-9-16

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

Injection Wellbore Diagram

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.

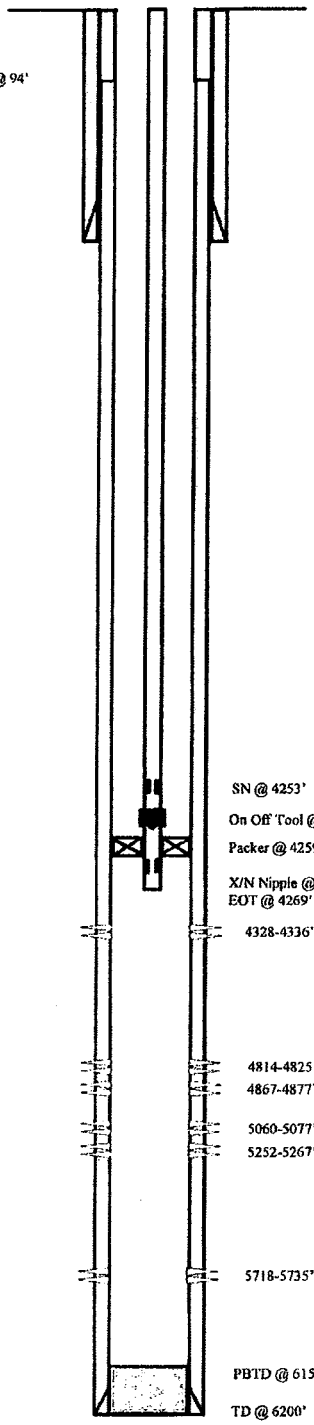
Cement top @ 94'

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: 136 jts (4243')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4253' KB
ON/OFF TOOL AT 4254 1'
ARROW #1 PACKER CE AT: 4259 3'
XO 2-3/8 x 2-7/8 J-55 AT 4262 9'
TBG PUP 2-3/8 J-55 AT: 4263 4'
X/N NIPPLE AT: 4267 5'
TOTAL STRING LENGTH: EOT @ 4269 34'



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
09/24/13		**Convert to Injection Well**
09/26/13		**Conversion MIT Finalized** –update tbg detail

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

LCN 10/02/13

Attachment E-2

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

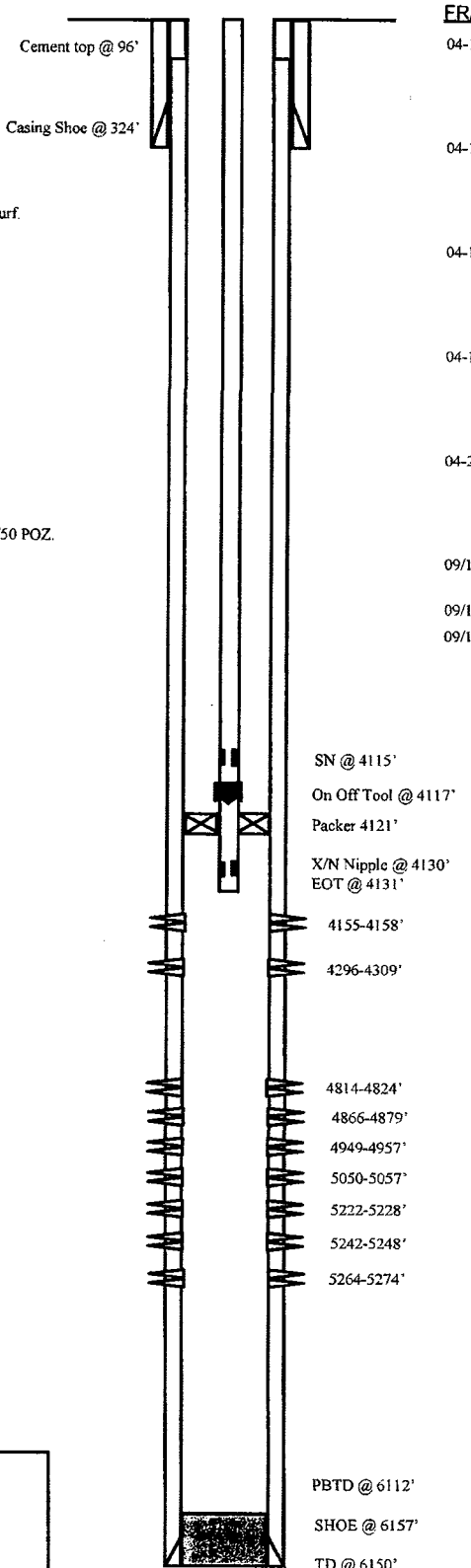
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.93')
DEPTH LANDED: 323.83' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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-3

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

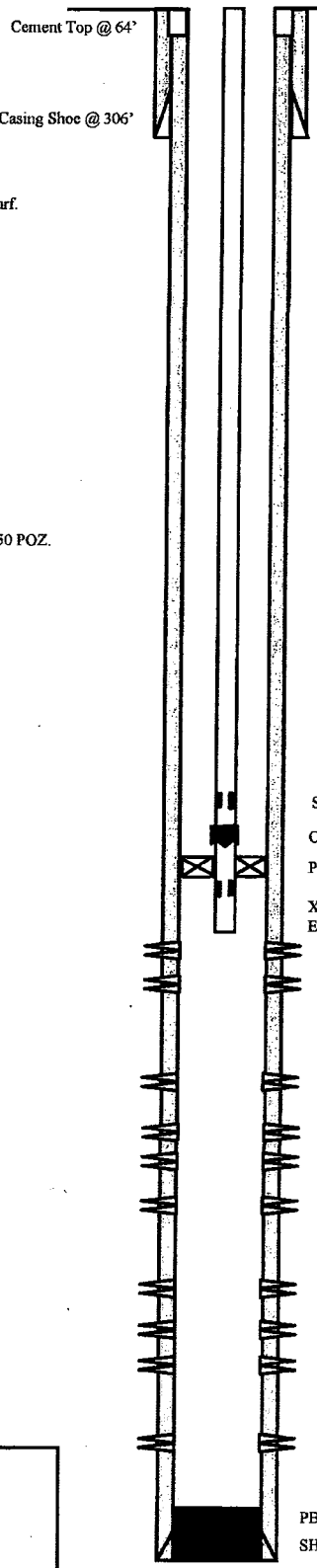
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294.01')
DEPTH LANDED: 305.86' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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-4

Federal 16-8-9-18

Spud Date: 4-6-06
Put on Production: 6-29-06
GL: 5035' KB: 5047'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.92')
DEPTH LANDED: 314.77' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

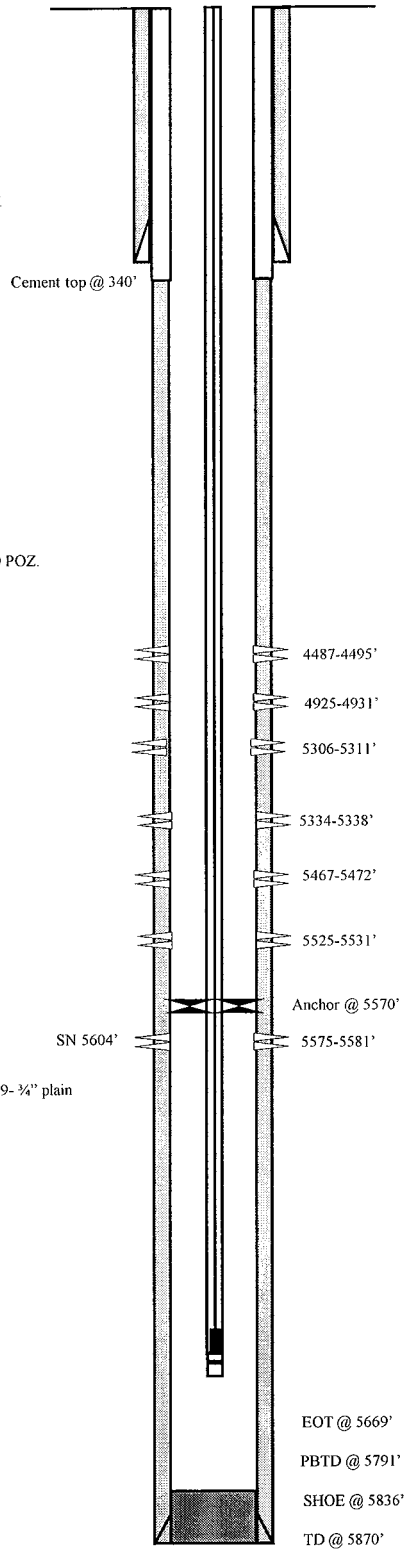
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5822.94')
DEPTH LANDED: 5836.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
CEMENT TOP AT: 340'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5559.84')
TUBING ANCHOR: 5569.84' KB
NO. OF JOINTS: 1 jts (31.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5604.17' KB
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5668.98' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 2-4' x ¾" pony rods, 100- ¾" scrapered rods, 89- ¾" plain rods, 29- ¾" scrapered rods, 6- 1 ½" weight bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

06-26-06 5467-5581' **Frac CP5, CP4, & CP3 sands as follows:** 40552# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 1398 psi w/avg rate of 25.2 BPM. ISIP 1120 psi. Calc flush: 5465 gal. Actual flush: 4998 gal.

06-26-06 5306-5338' **Frac CP.5, & CP1 sands as follows:** 35025# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1372 psi w/avg rate of 25.3 BPM. ISIP 1310 psi. Calc flush: 5304 gal. Actual flush: 4788 gal.

06-26-06 4925-4931' **Frac A .5 sands as follows:** 20000# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 1867 psi w/avg rate of 25.3 BPM. ISIP 1600 psi. Calc flush: 4923 gal. Actual flush: 4410 gal.

06-26-06 4487-4495' **Frac DS2 sands as follows:** 36034# 20/40 sand in 400 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 w/ avg rate of 11.6 BPM. ISIP 1855 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.

11-02-06 **Parted rods:** Update rod and tubing details.
04-13-07 **Pump Change:** Updated rod and tubing detail.

PERFORATION RECORD

06-20-06	5575-5581'	4 JSPF	24 holes
06-20-06	5525-5581'	4 JSPF	36 holes
06-20-06	5467-5472'	4 JSPF	20 holes
06-26-06	5334-5338'	4 JSPF	16 holes
06-26-06	5306-5311'	4 JSPF	20 holes
06-26-06	4925-4931'	4 JSPF	24 holes
06-26-06	4487-4495'	4 JSPF	32 holes

NEWFIELD

Federal 16-8-9-18
661' FSL & 660' FEL
SE/SE Section 8-T9S-R18E
Uintah Co, Utah
API #43-047-36122; Lease #UTU-16540

TK 5-11-07

Attachment E-5

Federal 1-17-9-16

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

Injection Wellbore Diagram

SURFACE CASING

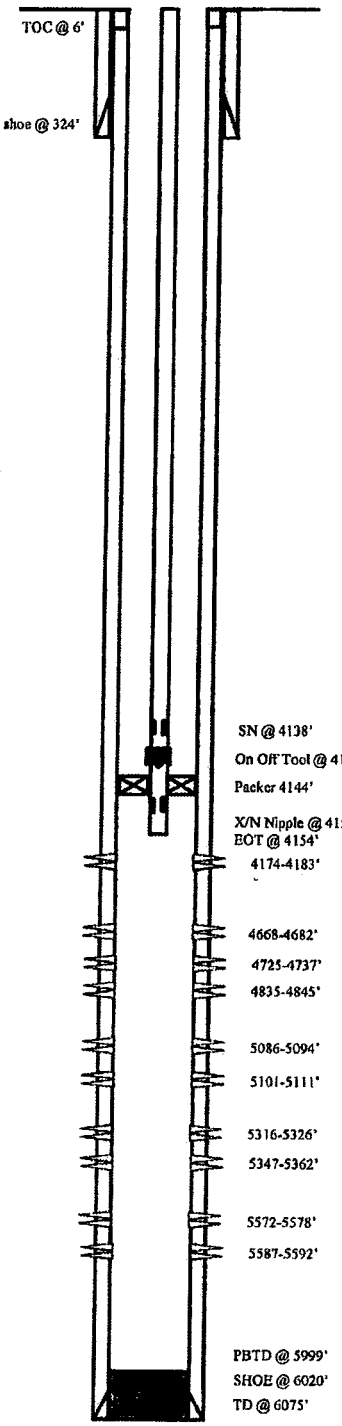
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311 97')
DEPTH LANDED: 323 82' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6007 66')
DEPTH LANDED: 6020.91' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 136 jts (4126 3')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4138 3' KB
ON/OFF TOOL AT: 4139 4'
SEAL NIPPLE AT: 4140.8'
ARROW #1 PACKER CE AT: 4144 47'
XO 2-3/8 x 2-7/8 J-55 AT 4148 1'
TBG PUP 2-3/8 N-80 AT: 4148 6'
X/N NIPPLE AT: 4152.6'
TOTAL STRING LENGTH: EOT @ 4154'



FRAC JOB

11-07-06	5572-5592'	**Frac CP1 sands as follows:** 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc flush: 5107 gal. Actual flush: 5570 gal
11-07-06	5316-5362'	**Frac LODC sands as follows:** 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4809 gal. Actual flush: 5314 gal.
11-08-06	5086-5111'	**Frac A 1 sands as follows:** 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of psi w/avg rate of BPM. ISIP 2190 psi. Calc flush: 4578 gal. Actual flush: 5084 gal
11-08-06	4835-4845'	**Frac C sands as follows:** 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/ avg rate of 25 5 BPM. ISIP 2060 psi. Calc flush: 4368 gal. Actual flush: 4833 gal
11-08-06	4668-4737'	**Frac D1, & D2 sands as follows:** 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 w/ avg rate of 25 5 BPM. ISIP 2090 psi. Calc flush: 4162 gal. Actual flush: 4666 gal
11-08-06	4174-4183'	**Frac GB4 sands as follows:** 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 w/ avg rate of 25.3 BPM. ISIP 1818 psi. Calc flush: 4032 gal. Actual flush: 4172 gal
4/13/11		**Tubing leak.** Updated rod & tubing detail
9/14/12		**Convert to Injection well**
9/18/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

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

NEWFIELD

Federal 1-17-9-16

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

LCN 09/25/12

Attachment E-6

Federal 5-9-9-16

Spud Date: 3-19-07

Put on Production: 5-02-07

GL: 5789' KB: 5801'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (313.01')

DEPTH LANDED: 323.52' 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: 136 jts. (5912.60')

DEPTH LANDED: 5910.85' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 250'

TUBING

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

TBG PUP 2-7/8 N-80 AT: 10'

NO. OF JOINTS: 134 jts (4116.7')

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

SN LANDED AT: 4138.7' KB

ON/OFF TOOL AT: 4139.8'

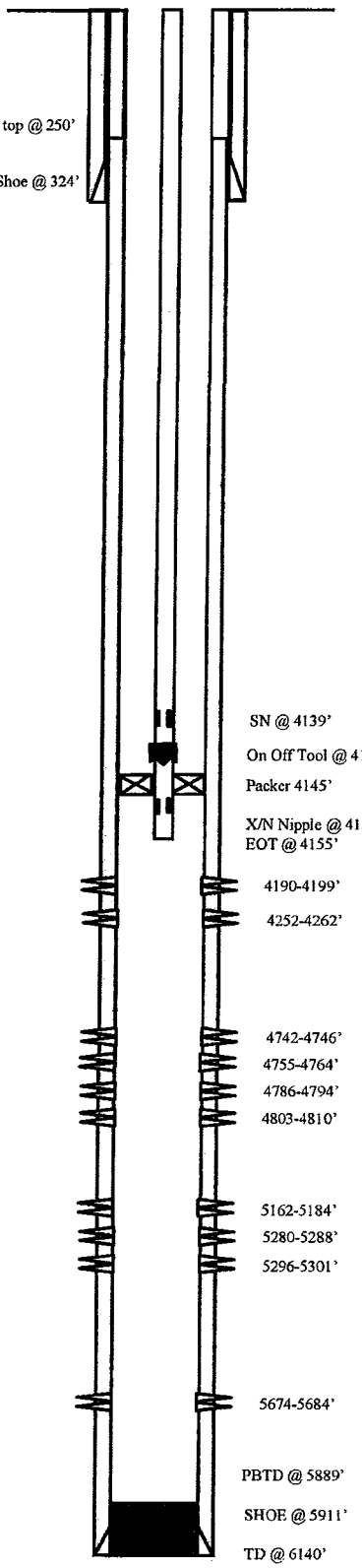
ARROW #1 PACKER CE AT: 4144.87'

XO 2-3/8 x 2-7/8 J-55 AT: 4148.5'

TBG PUP 2-7/8 N-80 AT: 4149.1'

X/N NIPPLE AT: 4153.1'

TOTAL STRING LENGTH: EOT @ 4155'



FRAC JOB

04-30-07	5674-5684'	**Frac CP1 sands as follows:** 20595# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5672 gal. Actual flush: 5208 gal.
04-30-07	5280-5301'	**Frac A3 sands as follows:** 65451# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2089 psi w/avg rate of 25 BPM. ISIP 2339 psi. Calc flush: 5278 gal. Actual flush: 4830 gal.
04-30-07	5162-5184'	**Frac A 1 sands as follows:** 110232# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1947 psi w/avg rate of 24.4 BPM. ISIP 2305 psi. Calc flush: 5160 gal. Actual flush: 4704 gal.
04-30-07	4742-4810'	**Frac D2, D1 sands as follows:** 139780# 20/40 sand in 952 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 w/ avg rate of 25 BPM. ISIP 2123 psi. Calc flush: 4740 gal. Actual flush: 4242 gal.
04-30-07	4190-4262'	**Frac GB6, & GB4 sands as follows:** 8970# 20/40 sand in 218 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 w/ avg rate of 25 BPM. ISIP 1647 psi. Calc flush: 4189 gal. Actual flush: 4074 gal.
7/1/08		**Pump change**. Updated rod and tubing detail.
8/10/09		**Pump Change**. Updated rod & tubing details.
4/1/10		**Parted rods.** Updated rod and tubing detail.
5/27/2010		**Pump change**. Updated rod and tubing detail.
7/21/11		**Parted rods**. Updated rod & tubing detail.
10/29/12		**Convert to Injection Well**
10/30/12		**Conversion MIT Finalized** -- update tbg detail

PERFORATION RECORD

04-24-07	5674-5684'	4 JSPF	40 holes
04-30-07	5296-5301'	4 JSPF	20 holes
04-30-07	5280-5288'	4 JSPF	32 holes
04-30-07	5162-5184'	4 JSPF	88 holes
04-30-07	4803-4810'	4 JSPF	28 holes
04-30-07	4786-4794'	4 JSPF	32 holes
04-30-07	4755-4764'	4 JSPF	36 holes
04-30-07	4742-4746'	4 JSPF	16 holes
04-30-07	4252-4262'	4 JSPF	40 holes
04-30-07	4190-4199'	4 JSPF	36 holes

NEWFIELD

Federal 5-9-9-16

2096' FNL & 770' FWL

SW/NW Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-32916; Lease # UTU-79833

LCN 10/3.1/12

ATTACHMENT E-7

Federal 11A-9-9-16

Spud Date: 4-23-07
Put on Production: 6-1-07
GL: 5842' KB: 5854'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.65')
DEPTH LANDED: 321.5' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

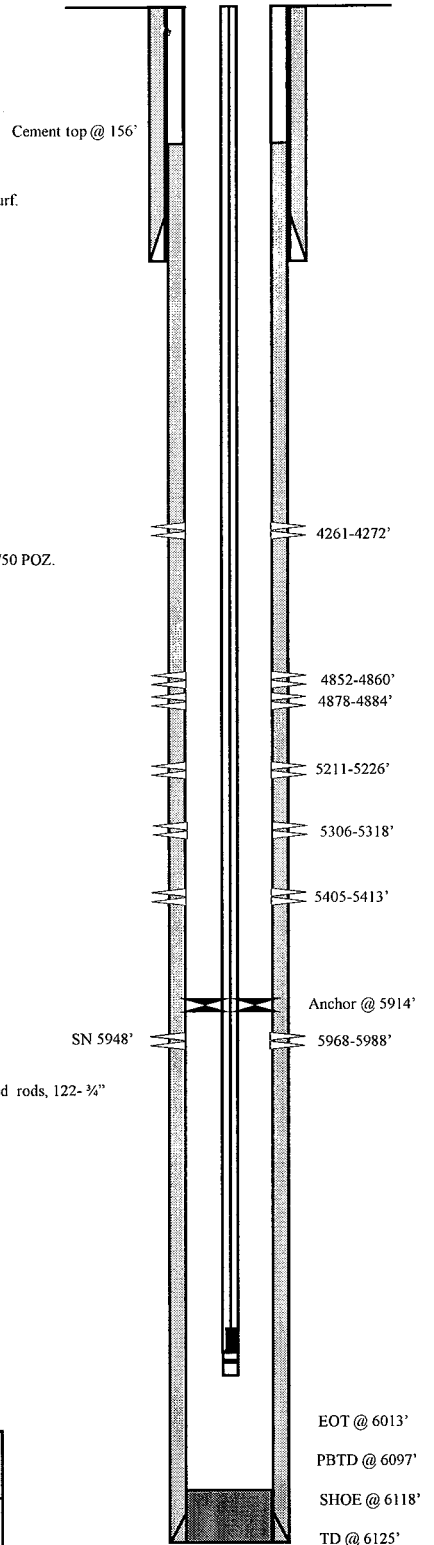
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6101.12')
DEPTH LANDED: 6117.53' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 156'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 192 jts (5901.99')
TUBING ANCHOR: 5913.99' KB
NO. OF JOINTS: 1 jts (31.43')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5948.22' KB
NO. OF JOINTS: 2 jts (62.97')
TOTAL STRING LENGTH: EOT @ 6012.74' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8', 6', 4', x ¾" pony rods, 98- ¾" scrapered rods, 122- ¾" plain rods, 10- ¾" scrapered rods, 6- 1 ½" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

06-01-07	5968-5988'	**Frac CP5 sands as follows:** 86018# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.8 BPM. ISIP 2226 psi. Calc flush: 5966 gal. Actual flush: 5460 gal.
06-01-07	5405-5413'	**Frac LODC sands as follows:** 15233# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 24.8 BPM. ISIP 2359 psi. Calc flush: 5403 gal. Actual flush: 4956 gal.
06-01-07	5306-5318'	**Frac LODC sands as follows:** 25167# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 3184 psi. Calc flush: 5304 gal. Actual flush: 4830 gal.
06-01-07	5211-5226'	**Frac A3 sands as follows:** 81060# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1601 w/ avg rate of 24.7 BPM. ISIP 1930 psi. Calc flush: 5209 gal. Actual flush: 4746 gal.
06-01-07	4852-4884'	**Frac D3 sands as follows:** 20066# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 w/ avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4948 gal. Actual flush: 4368 gal.
06-01-07	4261-4272'	**Frac GB4 sands as follows:** 55827# 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 1508 w/ avg rate of 24.8 BPM. ISIP 1752 psi. Calc flush: 4424 gal. Actual flush: 4326 gal.
9-30-08		Pump Change. Updated rod &tubing details.

PERFORATION RECORD

05-21-07	5968-5988'	4 JSPF	80 holes
06-01-07	5405-5413'	4 JSPF	32 holes
06-01-07	5306-5318'	4 JSPF	48 holes
06-01-07	5211-5226'	4 JSPF	60 holes
06-01-07	4878-4884'	4 JSPF	24 holes
06-01-07	4852-4860'	4 JSPF	32 holes
06-01-07	4261-4272'	4 JSPF	44 holes

NEWFIELD

Federal 11A-9-9-16

1984' FSL & 1980' FWL

NE/SW Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-33050; Lease # UTU-7981

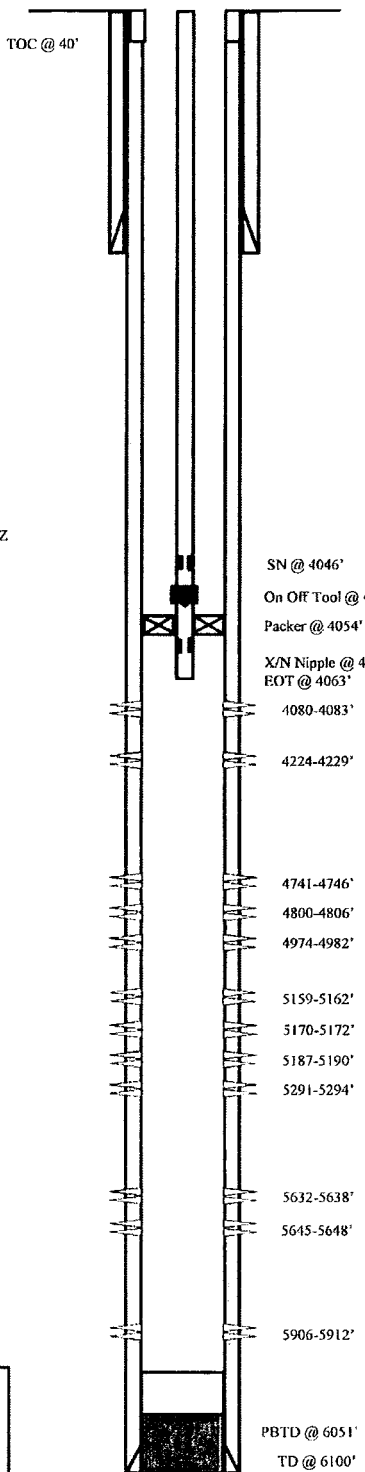
DF 2-4-09

Attachment E-8

Federal 12-9-9-16

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

Injection Wellbore Diagram



SURFACE CASING

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

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE J-55
WEIGHT 15 5#
LENGTH 155 jts (6039')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6093 01'
CEMENT DATA 265 sk Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT 40'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS: 128 jts (4033 6')
SEATING NIPPLE 2-7/8" (1 10')
SN LANDED AT 4045 6' KB
ON/OFF TOOL AT 4046 7'
ARROW #1 PACKER CE AT 4053 6'
XO 2-3/8 x 2-7/8 J-55 AT 4056 6'
TBG PUP 2-3/8 J-55 AT: 4057 1'
X/N NIPPLE AT: 4061 2'
TOTAL STRING LENGTH EOT @ 4062 78'

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
07/16/13		**Convert to Injection Well**
07/17/13		**Conversion MIT Finalized** – update tbg 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

LCN 07/19/13

ATTACHMENT E-9

FEDERAL 14-9-9-16

Spud Date: 03/20/07
Put on Production: 05/15/07
GL: 5814' KB: 5826'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.95')
DEPTH LANDED: 321.85' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

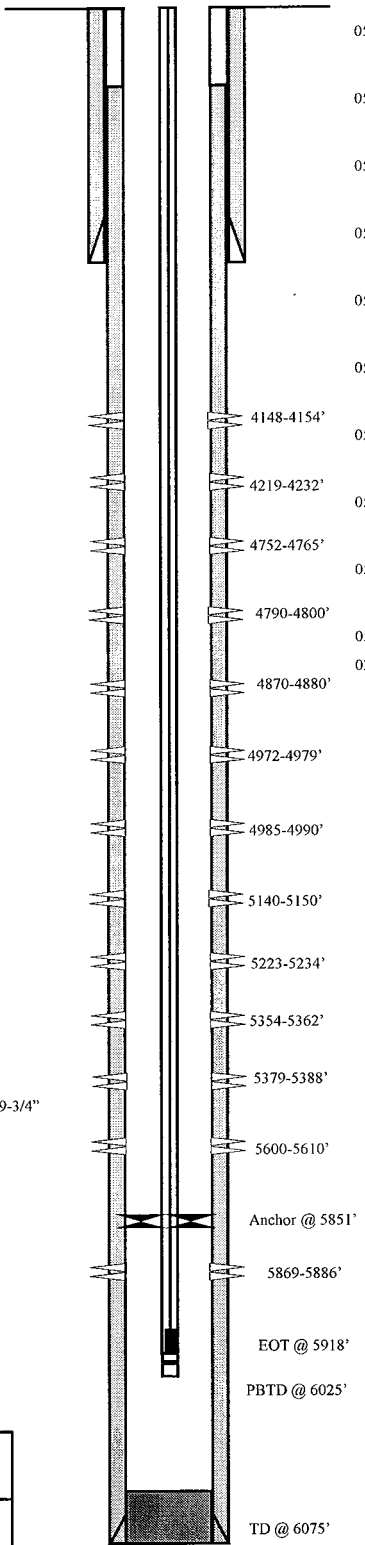
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6057.19')
DEPTH LANDED: 6070.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 103'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5851')
TUBING ANCHOR: 5851' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5885' KB
NO. OF JOINTS: 1 jts (31.60')
TOTAL STRING LENGTH: EOT @ 5918' 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' x ¾" pony rod, 99- 3/4" (4 per) guided rods, 119-3/4" sucker rods, 10-3/4" (4 per) guided rods, 6- 1 ½ sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x16'RHAC
STROKE LENGTH: ?
PUMP SPEED, ? SPM:



FRAC JOB

05/07/07	5869-5886'	**Frac CP4 sands as follows:** 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	**Frac CP1 sands as follows:** 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	**Frac LODC sands as follows:** 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	**Frac A3 sands as follows:** 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	**Frac A1 sands as follows:** 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	**Frac B2 sands as follows:** 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	**Frac C sands as follows:** 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	**Frac D3 & D2 sands as follows:** 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	**Frac GB6 & GB4 sands as follows:** 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
0508//07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
0508//07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
0508//07	4219-4232'	4 JSPF	52 holes
0508//07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718'FSL & 1976' FWL

SE/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33053; Lease # UTU-79831

TW 08/08/11

Attachment E-10

Spud Date: 03/27/07
Put on Production: 05/18/07
GL:5788' KB:5800'

FEDERAL 15-9-9-16

Injection Wellbore Diagram

SURFACE CASING

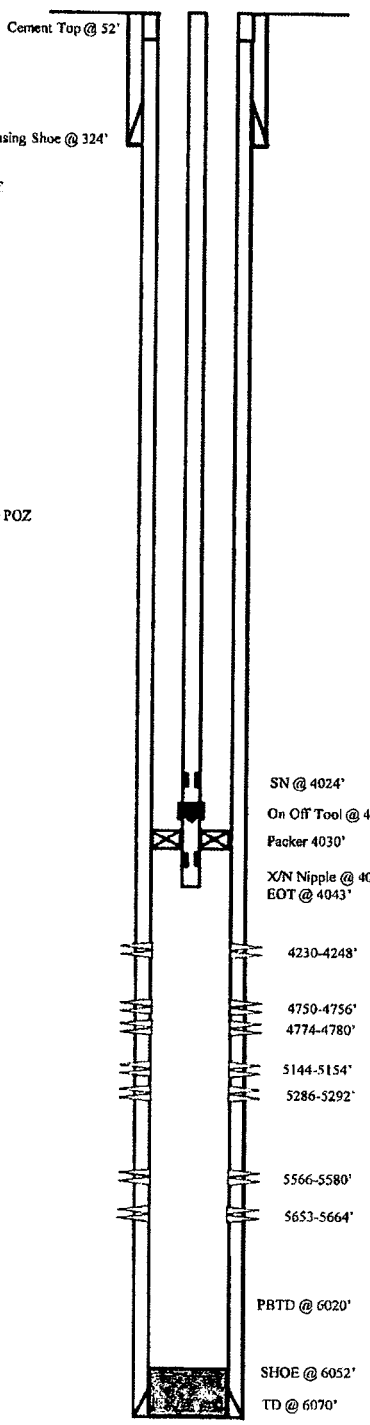
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312 28')
DEPTH LANDED: 324 13' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15 5#
LENGTH: 139 jts (6038 30')
DEPTH LANDED: 6051 55' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
CEMENT TOP: 52'

TUBING

SIZE/GRADE/WT : 2-7/8" / 6 5# / J-55
NO OF JOINTS: 128 jts (4012 5')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4024 5'
ON/OFF TOOL AT: 4025 6'
ARROW #1 PACKER CE AT: 4030'
XO 2-3/8 x 2-7/8 J-55 AT: 4034 4'
TBG PUP 2-3/8 J-55 AT: 4034 9'
X/N NIPPLE AT: 4041 2'
TOTAL STRING LENGTH: EOT @ 4043'



FRAC JOB

05/09/07	5653-5664'	**Frac CP2 sands as follows:** 19973# 20/40 sand in 326 bbls Lightning 17 frac fluid Treated @ avg press of 1977 psi w/avg rate of 24 7 BPM ISIP 1722 psi Calc flush: 5651 gal Actual flush: 5166 gal
05/14/07	5566-5580'	**Frac CP.5 sands as follows:** 45412# 20/40 sand in 433 bbls Lightning 17 frac fluid Treated @ avg press of 1956 psi w/avg rate of 24 7 BPM ISIP 1956 psi Calc flush: 5564 gal Actual flush: 5122 gal
05/14/07	5286-5292'	**Frac LODC sands as follows:** 19538# 20/40 sand in 300 bbls Lightning 17 frac fluid Treated @ avg press of 2539 psi w/avg rate of 24 8 BPM ISIP 2675 psi Calc flush: 5284 gal Actual flush: 4830 gal
05/14/07	5144-5154'	**Frac A3 sands as follows:** 45178# 20/40 sand in 423 bbls Lightning 17 frac fluid Treated @ avg press of 1893 psi w/avg rate of 24 8 BPM ISIP 2111 psi Calc flush: 5142 gal Actual flush: 4662 gal
05/14/07	4750-4780'	**Frac D2 sands as follows:** 60592# 20/40 sand in 489 bbls Lightning 17 frac fluid Treated @ avg press of 1606 psi w/avg rate of 24 8 BPM ISIP 1847 psi Calc flush: 4748 gal Actual flush: 4284 gal
05/14/07	4230-4248'	**Frac GB6 sands as follows:** 92270# 20/40 sand in 664 bbls Lightning 17 frac fluid Treated @ avg press of 1955 psi w/avg rate of 24 8 BPM ISIP 2175 psi Calc flush: 4228 gal Actual flush: 4116 gal
9-5-07		Pump Change Updated rod & tubing details
12-13-07		Pump Change Updated rod & tubing details
6/27/2011		Pump Change Updated rod & tubing details
10/22/12	4058-4064'	**Frac GB2 sands as follows:** 24437# 20/40 sand in 272 bbls Lightning 17 frac fluid
10/24/12		**Convert to Injection Well**
10/25/12		**Conversion MIT Finalized** update tbg detail

PERFORATION RECORD

05/09/07	5653-5664'	4 JSPF	44 holes
05/14/07	5566-5580'	4 JSPF	56 holes
05/14/07	5286-5292'	4 JSPF	24 holes
05/14/07	5144-5154'	4 JSPF	40 holes
05/14/07	4774-4780'	4 JSPF	24 holes
05/14/07	4750-4756'	4 JSPF	24 holes
05/14/07	4230-4248'	4 JSPF	72 holes
10/20/12	4058-4064'	3 JSPF	18 holes

NEWFIELD

FEDERAL 15-9-9-16
731'FSL & 1804' FEL
SW/SE Section 9-T9S-R16E
Duchesne Co, Utah
API #43-013-33054; Lease # UTU-79831

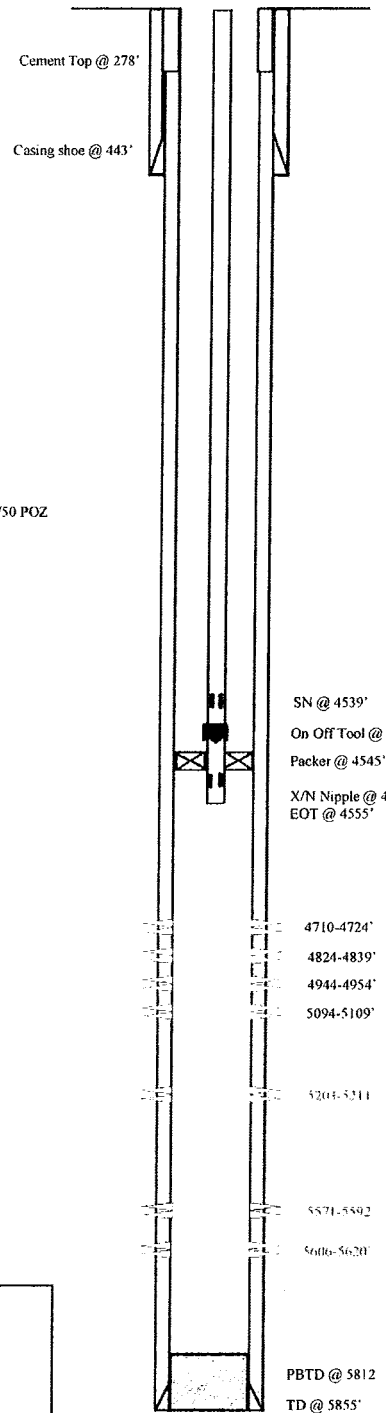
LCN 10/30/12

Attachment E-11

State 3-16-9-16

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

Injection Wellbore Diagram



SURFACE CASING

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

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4526.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4538.9' KB
ON/OFF TOOL AT: 4540.0'
ARROW #1 PACKER CE AT: 4545'
XO 2-3/8 x 2-7/8 J-55 AT: 4548.8'
TBG PUP 2-3/8 J-55 AT: 4549.3'
X/N NIPPLE AT: 4553.4'
TOTAL STRING LENGTH: EOT @ 4555'

FRAC JOB

04-22-08	5571-5592'	**Frac CP1 sds as follows:** Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.
04-22-08	5203-5211'	**Frac LODC sds as follows:** Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.
04-22-08	5094-5109'	**Frac A1 sds as follows:** Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.
04-22-08	4944-4954'	**Frac B2 sds as follows:** Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi. Actual Flush: 4439 gals.
04-22-08	4824-4839'	**Frac C sds as follows:** Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.
04-22-08	4710-4724'	**Frac D2 sds as follows:** Frac w/37,944#' 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.
05/11/2012		**Updated Rod & Tubing detail**
11/19/12		**Convert to Injection Well**
11/20/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

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

NEWFIELD

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

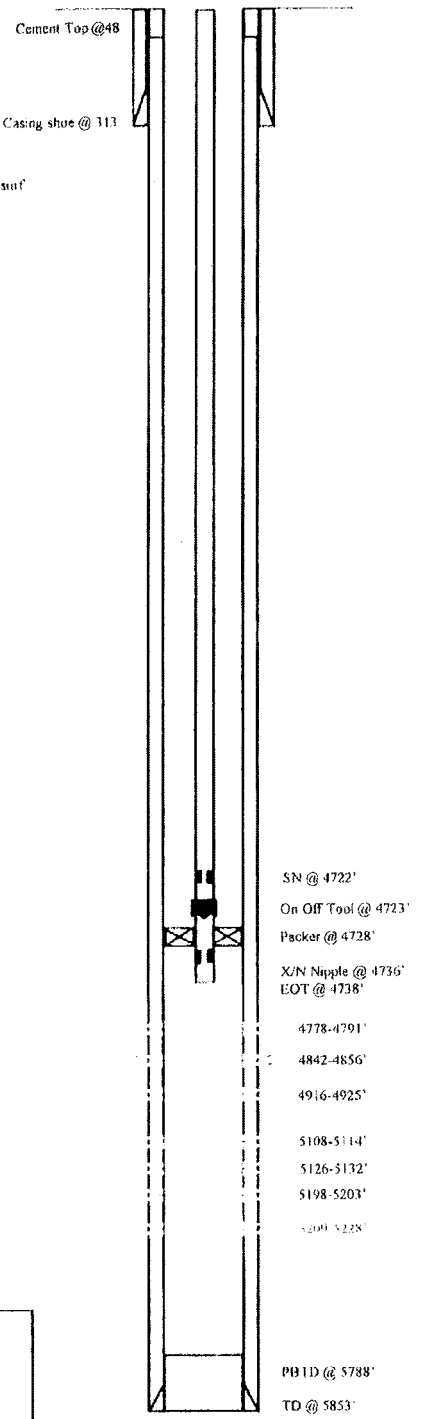
ICN 11/27/12

Attachment E-12

State 4-16-9-16

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

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7jts (300 96')
DEPTH LANDED 312 81' KB
HOLE SIZE 12-1/4"
CEMENT DATA 160, sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15 5#
LENGTH 158jts 5819 28
HOLE SIZE 7-7/8"
DEPTH LANDED 5832 53'
CEMENT DATA 300 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT 48'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS 150 jts (4709 9')
SEATING NIPPLE 2-7/8" (1 10')
SN LANDED AT 4721 9' KB
ON/OFF TOOL AT 4723'
ARROW #1 PACKER CE AT 4737 62'
XO 2-3/8 x 2-7/8 J-55 AT 4731 7'
TBG PUP 2-3/8 J-55 AT 4732 2'
X/N NIPPLE AT 4736 3'
TOTAL STRING LENGTH EOT @ 4737 94'

FRAC JOB

05-28-08	5209-5228'	**Frac LODC sds as follows:** 200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid Treated w/ ave pressure of 1997 psi w/ ave rate of 27 3 BPM ISIP 2322 psi Actual Flush 4683 gals
05-28-08	5108-5114'	**Frac A1 & A3 sds as follows:** 120,424# 20/40 sand in 868 bbls of Lightning 17 fluid Treated w/ ave pressure of 1922 psi w/ ave rate of 27 0 BPM ISIP 2220 psi Actual Flush 4616 gals
05-28-08	4916-4925'	**Frac B1 sds as follows:** 54,952# 20/40 sand in 495 bbls of Lightning 17 fluid Treated w/ ave pressure of 1767 psi w/ ave rate of 23 4 BPM ISIP 1705 psi Actual Flush 4406 gals
05-28-08	4842-4856'	**Frac C sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid Treated w/ ave pressure of 1920 psi w/ ave rate of 23 5 BPM ISIP 1926 psi Actual Flush 4330 gals
05-28-08	4778-4791'	**Frac D3 sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid Treated w/ ave pressure of 1920 psi w/ ave rate of 23 5 BPM ISIP 1926 psi Actual Flush: 4679 gals
3/28/09		**Pump Change** Updated r & t details
6/5/09		**Pump Change** Updated rod & tubing details
07/02/13		**Convert to Injection Well**
07/03/13		**Convert to Injection Well - update tbg detail**

PERFORATION RECORD

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

NEWFIELD

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

LCN 07/08/13

ATTACHMENT

GMB 3-16-9-16H Wellbore Diagram

NEWFIELD ROCKY MOUNTAINS

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

Wellhead

8-5/8" Casing Shoe 1,025

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Port Collar: 5,654'md to Surface
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4.000	3.875	0.0155	6-1/8"	

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

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints

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

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

Rod Detail	Size	Grade	Count	Length	Top	Bottom

Pump and Rod Detail:
Weatherford MacGyver 1 3/4" x 28' rod pump, stabalizer sub, on/off tool, stabalizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

WFD port Collar 5,355

KOP 5,400

OH Anchor/Packer 5,451

OH Anchor/Packer 5,372

Proposed Frac Data	Top	Bottom	Packers Plus 12 Stage StackFrac HD Stimulation Liner	Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD			
Stage 1	10,087	10,249	Dual Hydraulic Frac Port: Depth 10,180 Ball OD (in.) NA Seat ID (in.) NA Vol. to Seat (bbl 204.33 Actual Vol. (bbl) NA Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	0 0	1,903
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal IIS 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 2	9,682	10,002	FracPort 2: Depth 9,841 Ball OD (in.) 2.125 Seat ID (in.) 2.000 Vol. to Seat (bbl 199.39 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	34,144 30,760	2,342
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 3	9,914	9,677	FracPort 3: Depth 9,517 Ball OD (in.) 2.250 Seat ID (in.) 2.125 Vol. to Seat (bbl 194.37 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	36,389 18,835	2,775
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 4	9,035	9,354	FracPort 4: Depth 9,193 Ball OD (in.) 2.375 Seat ID (in.) 2.250 Vol. to Seat (bbl 189.36 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	7,548 0	2,716
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 5	8,710	9,030	FracPort 5: Depth 8,869 Ball OD (in.) 2.500 Seat ID (in.) 2.375 Vol. to Seat (bbl 184.35 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	28,177 36,211	4,118
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 6	8,386	8,705	FracPort 6: Depth 8,544 Ball OD (in.) 2.625 Seat ID (in.) 2.500 Vol. to Seat (bbl 179.32 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,277 30,591	3,907
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 7	8,066	8,381	FracPort 7: Depth 8,220 Ball OD (in.) 2.750 Seat ID (in.) 2.625 Vol. to Seat (bbl 174.30 Actual Vol. (bbl) Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	32,229 21,643	2,784
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 8	7,743	8,061	FracPort 8: Depth 7,901 Ball OD (in.) 2.875 Seat ID (in.) 2.750 Vol. to Seat (bbl 169.37 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	35,076 30,420	3,706
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 9	7,418	7,738	FracPort 9: Depth 7,577 Ball OD (in.) 3.000 Seat ID (in.) 2.875 Vol. to Seat (bbl 164.35 Actual Vol. (bbl) Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	30,308 14,314	2,777
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 10	6,768	7,413	FracPort 10: Depth 7,252 Ball OD (in.) 3.125 Seat ID (in.) 3.000 Vol. to Seat (bbl 159.32 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	25,505 3,467	1,869
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 11	6,768	7,088	FracPort 11: Depth 6,927 Ball OD (in.) 3.250 Seat ID (in.) 3.125 Vol. to Seat (bbl 169.37 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,984 36,949	2,804
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 12	6,445	6,763	FracPort 11: Depth 6,601 Ball OD (in.) 3.375 Seat ID (in.) 3.250 Vol. to Seat (bbl 154.29 Actual Vol. (bbl) 0.00 Difference (bbl) Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	31,284 21,198	2,755
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
OH Anchor/Packer	5,451	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			Total Fluid
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			34,456
						(bbl)

Lat Length		3,804
Total Stim. Lateral		3,804
Avg. Stage Length		317

*between packers

Sand Total		
580,309	100 mesh sand	335,921
	30/50 mesh sand	244,388
	# sand per foot of lateral	153

5.5"x4.5X XO 5,993

12 11 10 9 8 7 6 5 4 3 2 1

MD TD 10,259
TVD TD 6,011

Federal 16-8-9-16

Spud Date: 02/06/07

Put on Production: 03/21/07

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

Injection Wellbore Diagram

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: 139 jts. (4386.6')

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

SN LANDED AT: 4398.6' KB

ON/OFF TOOL AT: 4399.7'

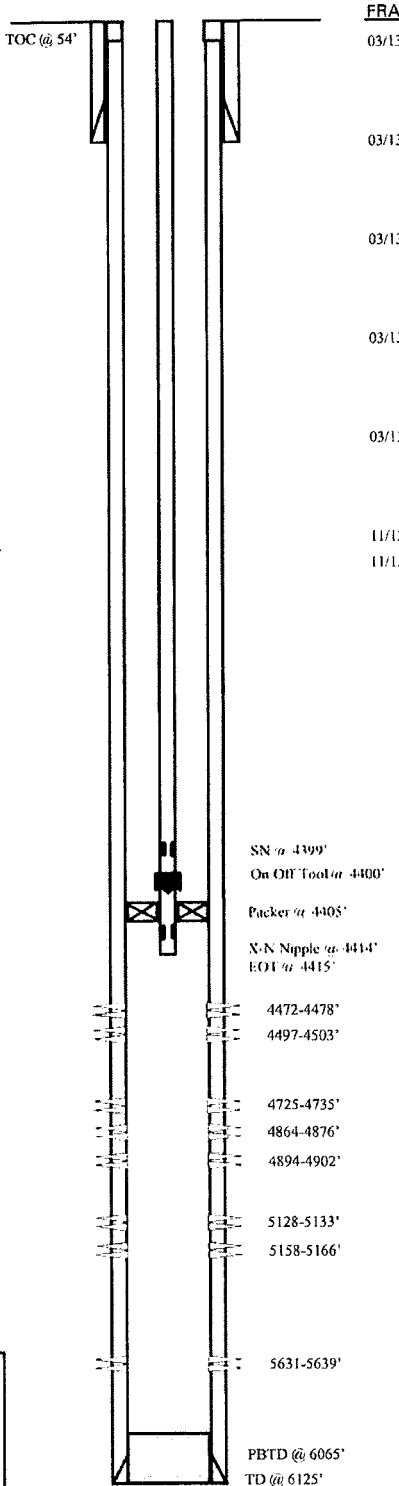
ARROW #1 PACKER CE AT: 4405.1'

XO 2-3/8 x 2-7/8 J-55 AT: 4409'

TBG PUP 2-3/8 J-55 AT: 4409.5'

X/N NIPPLE AT: 4413.7'

TOTAL STRING LENGTH: EOT @ 4415.24'



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.
11/12/13		**Convert to Injection Well**
11/13/13		**Conversion MIT Finalized** – update tbg detail

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

LCN 11/19/13

NEWFIELD

Schematic

Well Name: GMBU G-16-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNW 2081 FNL 759 FWL Sec 16 T9S R16E	43013514480000	500343049	ML-16532	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)
11/5/2013	11/23/2013		5,931	5,921	Original Hole - 6,140.5	Original Hole - 6,284.4

Most Recent Job

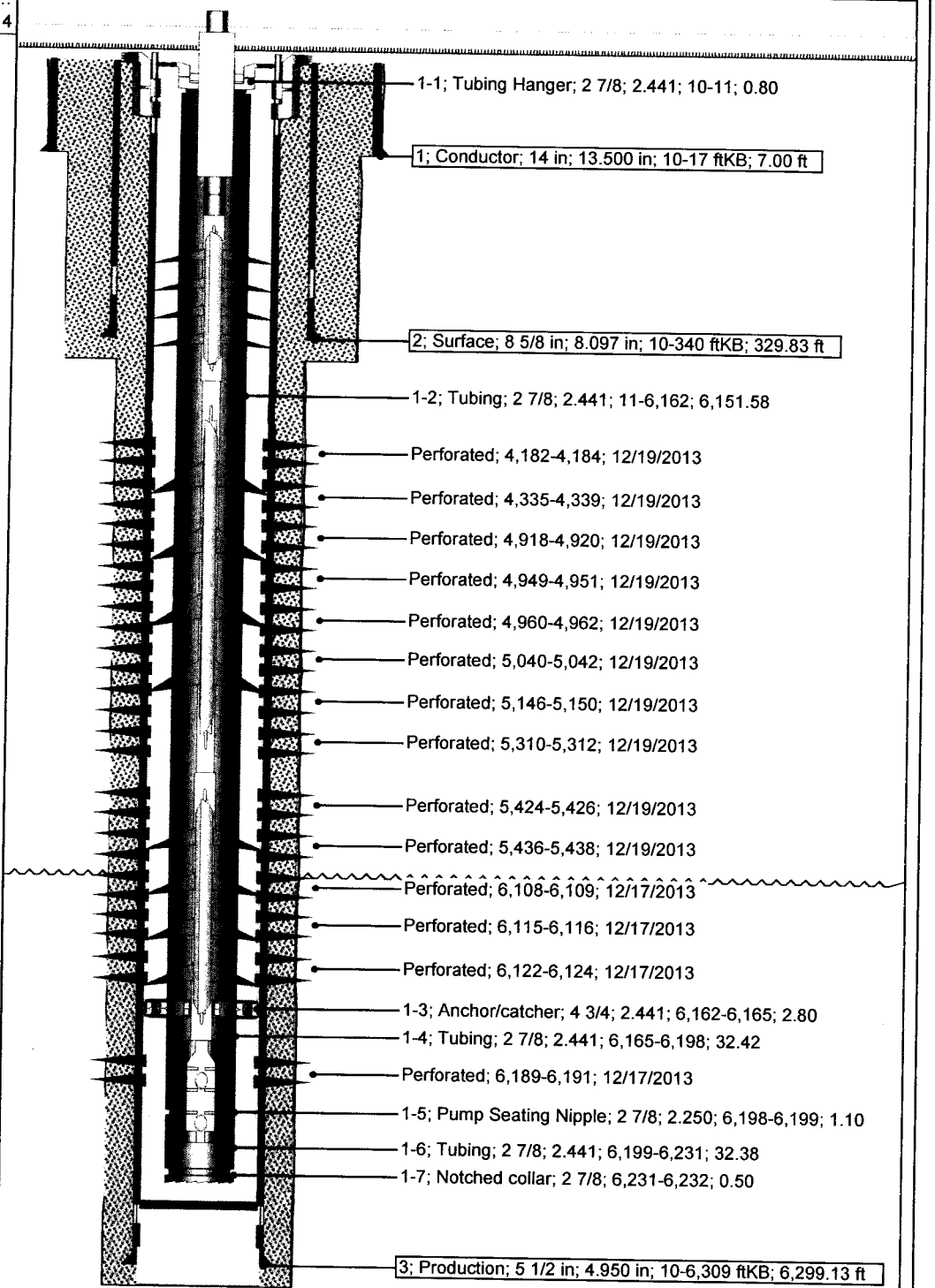
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	12/17/2013	12/27/2013

TD: 6,318.0

Slant - Original Hole, 1/29/2014 10:38:48 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0 — 4)
0.0	0.4	3.2	
10.2	10.6	3.2	
12.1	12.5	3.2	
17.1	17.5	3.2	
32.2	32.5	3.2	
49.5	49.9	3.2	
302.2	302.1	3.2	
338.3	338.1	3.2	
345.1	345.0	3.2	
3,564.3	3,480.5	14.7	
4,182.1	4,078.6	15.4	
4,335.0	4,226.4	14.2	
4,918.0	4,788.6	15.9	
4,949.1	4,818.5	15.8	
4,960.0	4,829.0	15.7	
5,040.0	4,906.2	14.8	
5,146.0	5,009.0	13.3	
5,310.0	5,168.7	13.5	
5,336.0	5,193.8	13.8	
5,425.9	5,280.9	15.1	
5,438.0	5,292.7	15.1	
6,108.9	5,940.0	15.6	
6,116.1	5,947.0	15.8	
6,124.0	5,954.5	15.9	
6,165.4	5,994.2	16.4	
6,189.0	6,016.9	16.6	
6,197.5	6,025.1	16.7	
6,210.0	6,037.0	16.7	
6,231.6	6,057.7	16.9	
6,286.1	6,109.9	16.6	
6,309.1	6,131.9	16.6	

Vertical schematic (actual)



NEWFIELD

Schematic

Well Name: GMBU J-17-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNW 2100 FNL 750 FWL Sec 16 T9S R16E Mer SLB	43013515870000	500343109	UTU64379	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)
11/6/2013	11/27/2013		5,931	5,921	Original Hole - 6,130.2	Original Hole - 6,319.6

Most Recent Job

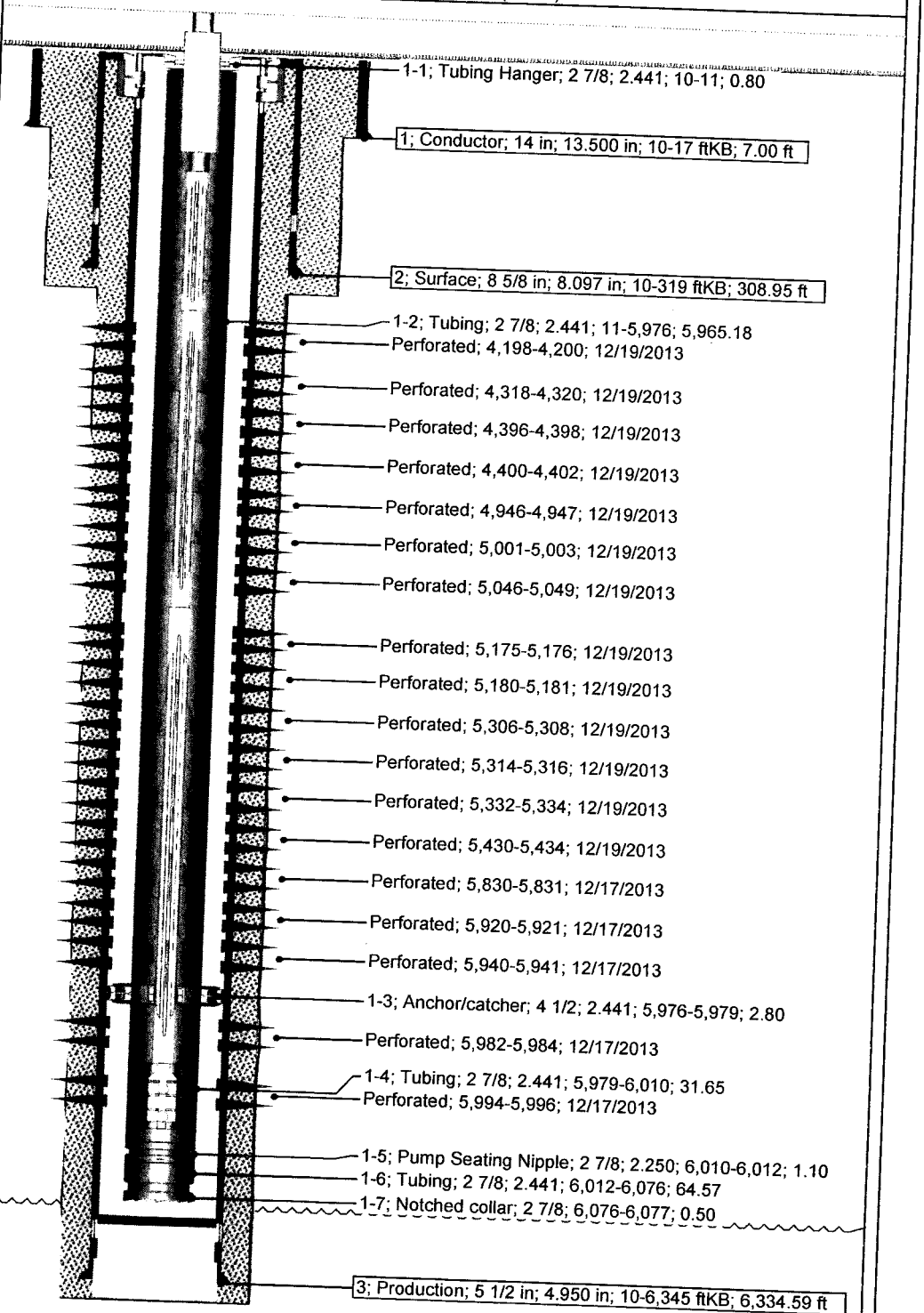
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	12/17/2013	1/3/2014

TD: 6,354.0

Slant - Original Hole, 3/18/2014 11:42:52 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0——3)
2.0	2.3	2.6	
10.8	11.1	2.6	
14.1	14.4	2.6	
32.2	32.4	2.6	
54.8	55.0	2.6	
278.9	278.9	2.6	
318.9	318.9	2.6	
1,860.9	1,839.9	16.1	
4,200.1	4,057.9	19.4	
4,319.9	4,171.2	17.9	
4,398.0	4,245.7	17.1	
4,401.9	4,249.5	17.0	
4,946.9	4,773.2	16.3	
5,003.0	4,827.0	16.3	
5,048.9	4,871.1	16.2	
5,174.9	4,992.2	15.6	
5,180.1	4,997.3	15.6	
5,306.1	5,118.7	15.6	
5,314.0	5,126.3	15.8	
5,332.0	5,143.6	16.1	
5,430.1	5,237.9	15.6	
5,830.1	5,624.2	15.2	
5,919.9	5,710.8	15.7	
5,940.0	5,730.0	15.7	
5,976.0	5,764.8	15.7	
5,982.0	5,770.5	15.8	
5,985.9	5,774.3	15.9	
5,996.1	5,784.0	16.0	
6,010.5	5,797.9	16.3	
6,076.1	5,860.9	16.3	
6,319.6	6,096.6	12.7	
6,343.8	6,120.3	12.7	
6,354.0	6,130.2	12.7	

Vertical schematic (actual)



NEWFIELD

Schematic

Well Name: Gmbu R-8-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
08-9S-16E	43013515650000	500334814		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)
5/9/2013	5/27/2013	6/14/2013				Original Hole - 6,387.6

Most Recent Job

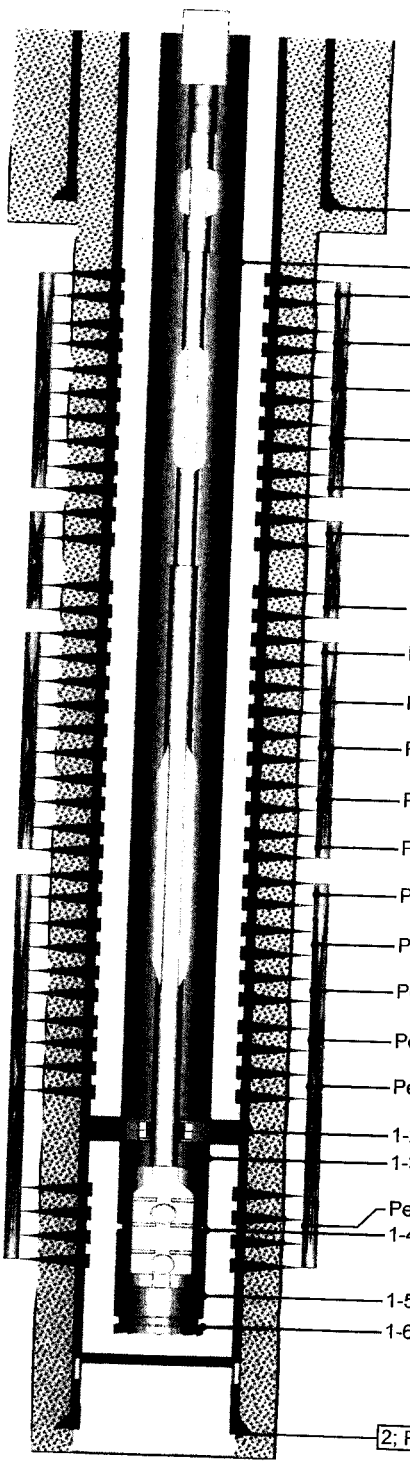
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Repairs	Pump Repair	1/6/2014	1/7/2014

TD: 6,421.0

Vertical - Original Hole, 3/18/2014 11:40:52 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0——5
9.8	9.8	0.0	
29.9	29.9	0.1	
44.0	44.0	0.2	
337.9	337.9	1.2	
345.1	345.1	1.2	
4,403.9	4,289.4	10.7	
4,425.9	4,311.0	11.0	
4,432.1	4,317.2	11.1	
4,440.0	4,324.9	11.3	
4,443.9	4,328.7	11.4	
4,919.0	4,790.7	15.6	
4,969.2	4,839.1	15.7	
5,096.1	4,961.3	15.5	
5,182.1	5,044.1	16.0	
5,334.0	5,190.0	16.1	
5,374.0	5,228.5	16.1	
5,377.0	5,231.3	16.1	
5,381.9	5,236.0	16.1	
5,815.9	5,655.6	12.8	
5,819.9	5,659.5	12.8	
5,829.1	5,668.4	12.8	
5,863.8	5,702.3	13.7	
5,872.0	5,710.2	13.9	
5,944.6	5,780.6	14.2	
5,974.1	5,809.2	14.3	
5,977.0	5,812.1	14.3	
5,993.1	5,827.7	14.4	
6,040.4	5,873.4	14.7	
6,389.4	6,210.7	13.4	
6,411.4	6,232.1	13.0	

Vertical schematic (actual)



1; Surface; 8 5/8 in; 8.097 in; 10-339 ftKB; 328.99 ft
1-1; Tubing; 2 7/8; 2.441; 10-5,942; 5,931.70
Perforated; 4,404-4,406; 6/11/2013
Perforated; 4,426-4,428; 6/11/2013
Perforated; 4,432-4,436; 6/11/2013
Perforated; 4,440-4,442; 6/11/2013
Perforated; 4,444-4,445; 6/11/2013
Perforated; 4,919-4,922; 6/11/2013
Perforated; 5,092-5,096; 6/11/2013
Perforated; 5,180-5,182; 6/11/2013
Perforated; 5,332-5,334; 6/11/2013
Perforated; 5,372-5,374; 6/11/2013
Perforated; 5,375-5,377; 6/11/2013
Perforated; 5,380-5,382; 6/11/2013
Perforated; 5,815-5,816; 6/6/2013
Perforated; 5,819-5,820; 6/6/2013
Perforated; 5,828-5,829; 6/6/2013
Perforated; 5,862-5,864; 6/6/2013
Perforated; 5,870-5,872; 6/6/2013
1-2; Tubing Anchor; 5 1/2; 4.950; 5,942-5,944; 2.80
1-3; Tubing; 2 7/8; 2.441; 5,944-5,976; 31.40
Perforated; 5,974-5,978; 6/6/2013
1-4; Seating Nipple; 2 7/8; 2.441; 5,976-5,977; 1.10
1-5; Tubing; 2 7/8; 2.441; 5,977-6,040; 62.90
1-6; Notched collar; 2 7/8; 2.441; 6,040-6,040; 0.50
2; Production; 5 1/2 in; 4.950 in; 10-6,412 ftKB; 6,401.55 ft

NEWFIELD

Schematic

Well Name: GMBU S-8-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
NESW 1832 FSL 2021 FEL Sec 8 T9S R16E Mer SLB	43013516880000	500346808	UTU64379	Utah	GMBU CTB5	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
10/30/2013	11/11/2013		5,898	5,888	Original Hole - 6,200.4	Original Hole - 6,298.0

Most Recent Job

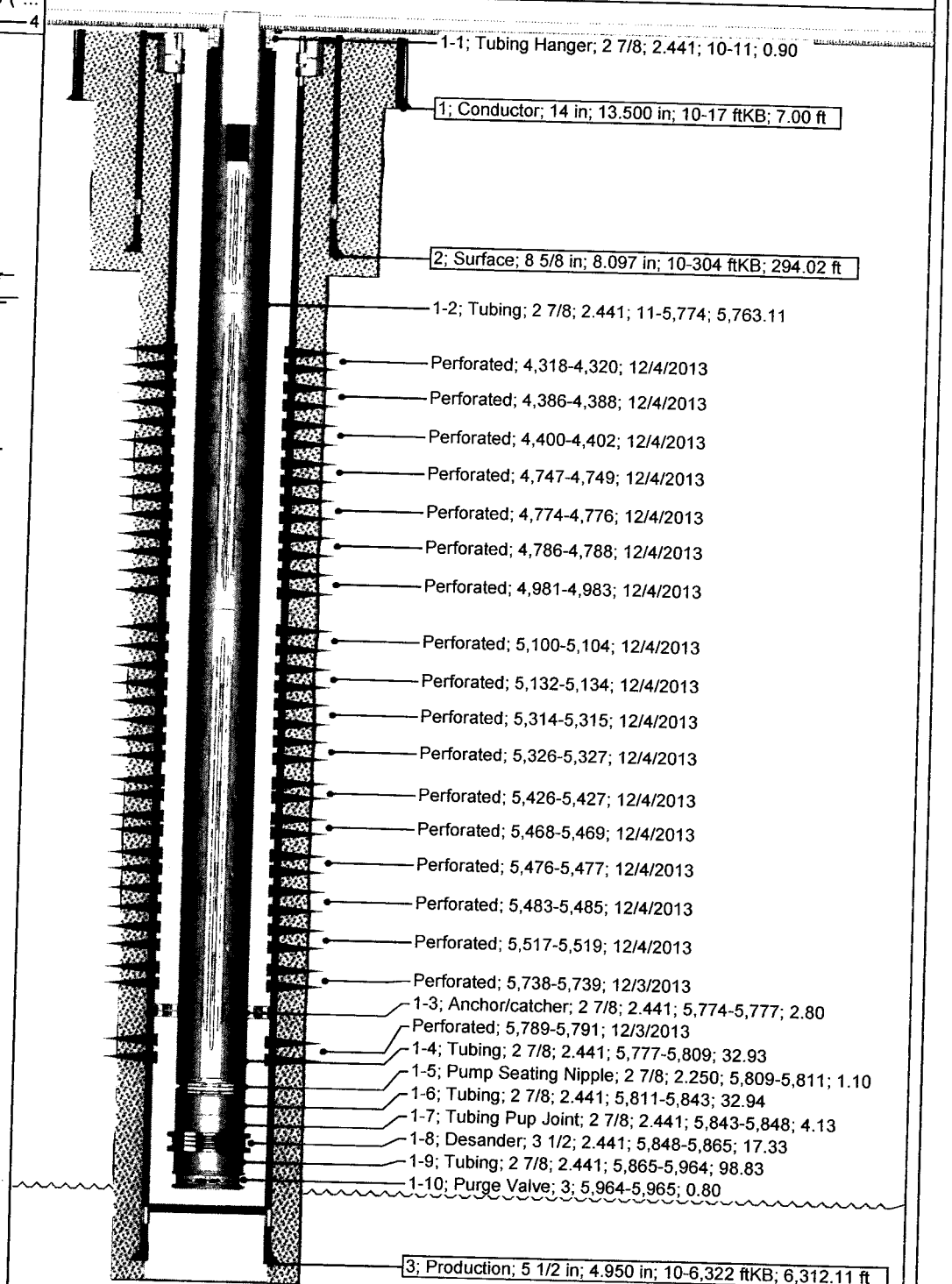
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	12/3/2013	12/12/2013

TD: 6,335.0

Slant - Original Hole, 3/18/2014 11:38:36 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0——4
9.8	10.0	1.9	
12.5	12.6	1.9	
17.1	17.2	1.9	
30.2	30.3	1.9	
52.5	52.6	1.9	
265.1	265.1	1.9	
304.1	304.1	1.9	
1,884.2	1,862.1	13.8	
3,585.6	3,513.9	15.3	
4,319.9	4,227.6	11.8	
4,388.1	4,294.4	11.9	
4,401.9	4,307.9	12.0	
4,749.0	4,648.1	11.8	
4,775.9	4,674.5	11.9	
4,788.1	4,686.3	12.0	
4,982.9	4,877.0	11.7	
5,100.1	4,991.8	11.5	
5,131.9	5,023.0	12.0	
5,314.0	5,201.5	11.1	
5,326.1	5,213.4	11.2	
5,425.9	5,311.2	11.5	
5,467.8	5,352.3	11.4	
5,476.0	5,360.4	11.3	
5,482.9	5,367.1	11.3	
5,517.1	5,400.6	11.6	
5,737.9	5,616.9	11.2	
5,773.6	5,651.9	11.7	
5,789.0	5,667.0	11.9	
5,809.4	5,686.9	12.2	
5,843.5	5,720.3	12.5	
5,864.8	5,741.1	12.7	
5,964.6	5,838.2	13.3	
6,299.5	6,165.6	11.0	
6,322.2	6,187.8	11.0	

Vertical schematic (actual)



NEWFIELD

Schematic

Well Name: GMBU T-8-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
NESE 2112 FSL 904 FEL Sec 8 T9S R16E Mer SLB	43013516860000	500346814	UTU64379	Utah	GMBU CTB5	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
12/17/2013	1/9/2014		5,906	5,896		Original Hole - 6,303.1

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	1/22/2014	2/3/2014

TD: 6,352.0

Slant - Original Hole, 3/18/2014 11:36:23 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
0.0	0.0	0.0
	9.8	
10.2	10.2	0.0
	10.8	
12.1	12.1	0.1
	14.1	
15.1	15.1	0.1
	29.9	
54.8	54.8	0.2
	278.8	
279.9	279.8	1.2
	324.4	
326.1	326.1	1.4
	331.0	
1,830.1	1,807.8	14.9
	3,095.5	
3,616.1	3,541.0	16.1
	3,551.4	
4,226.0	4,131.6	12.5
	4,132.5	
4,232.0	4,137.3	12.5
	4,138.3	
4,366.1	4,268.5	12.3
	4,270.4	
4,415.0	4,316.3	11.9
	4,318.2	
4,431.1	4,332.0	11.7
	4,333.9	
4,544.9	4,443.7	11.3
	4,447.5	
5,105.0	4,992.6	11.6
	5,224.6	
5,344.2	5,226.8	12.2
	5,242.2	
5,361.9	5,244.1	12.4
	5,682.5	
5,812.7	5,685.4	11.0
	5,694.4	
5,826.1	5,698.6	11.2
	5,702.4	
5,844.8	5,716.9	11.4
	5,717.9	
5,854.0	5,725.9	11.5
	5,781.5	
5,911.1	5,781.8	12.2
	6,166.0	
6,304.8	6,167.6	9.8
	6,211.3	
6,350.1	6,212.3	9.8
	6,214.2	

DLS (°... 0 — 3

Vertical schematic (actual)

1-1; Tubing Hanger; 7; 10-11; 0.90

1; Conductor; 14 in; 13.500 in; 10-15 ftKB; 5.00 ft

2; Surface; 8 5/8 in; 8.097 in; 10-326 ftKB; 316.05 ft

1-2; Tubing; 2 7/8; 2.441; 11-5,810; 5,798.92

Perforated; 4,226-4,227; 1/24/2014

Perforated; 4,232-4,233; 1/24/2014

Perforated; 4,366-4,368; 1/24/2014

Perforated; 4,415-4,417; 1/24/2014

Perforated; 4,431-4,433; 1/24/2014

Perforated; 4,545-4,549; 1/24/2014

Perforated; 5,342-5,344; 1/24/2014

Perforated; 5,360-5,362; 1/24/2014

1-3; Anchor/catcher; 4 1/2; 2.441; 5,810-5,813; 2.80

Perforated; 5,822-5,826; 1/22/2014

1-4; Tubing; 2 7/8; 2.441; 5,813-5,845; 32.13

1-5; Pump Seating Nipple; 2 7/8; 2.441; 5,845-5,846; 1.10

1-6; Tubing; 2 7/8; 2.441; 5,846-5,911; 64.86

1-7; Notched collar; 2 7/8; 2.441; 5,911-5,911; 0.45

3; Production; 5 1/2 in; 4.950 in; 10-6,350 ftKB; 6,340.01 ft

NEWFIELD

Schematic

Well Name: GMBU O-9-9-16

Surface Legal Location			API/UWI	Well RC	Lease	State/Province	Field Name	County
NESE 2123 FSL 922 FEL Sec 8 T9S R16E Mer SLB			43013516910000	500346812	UTU64379	Utah	GMBU CTB5	Duchesne
Spud Date	**Rig Release Date**	**On Production Date**	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**Total Depth All (TVD) (ftKB)**		**PBTD (All) (ftKB)**	
12/16/2013	1/6/2014		5,906	5,896			Original Hole - 6,398.5	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	1/22/2014	1/29/2014

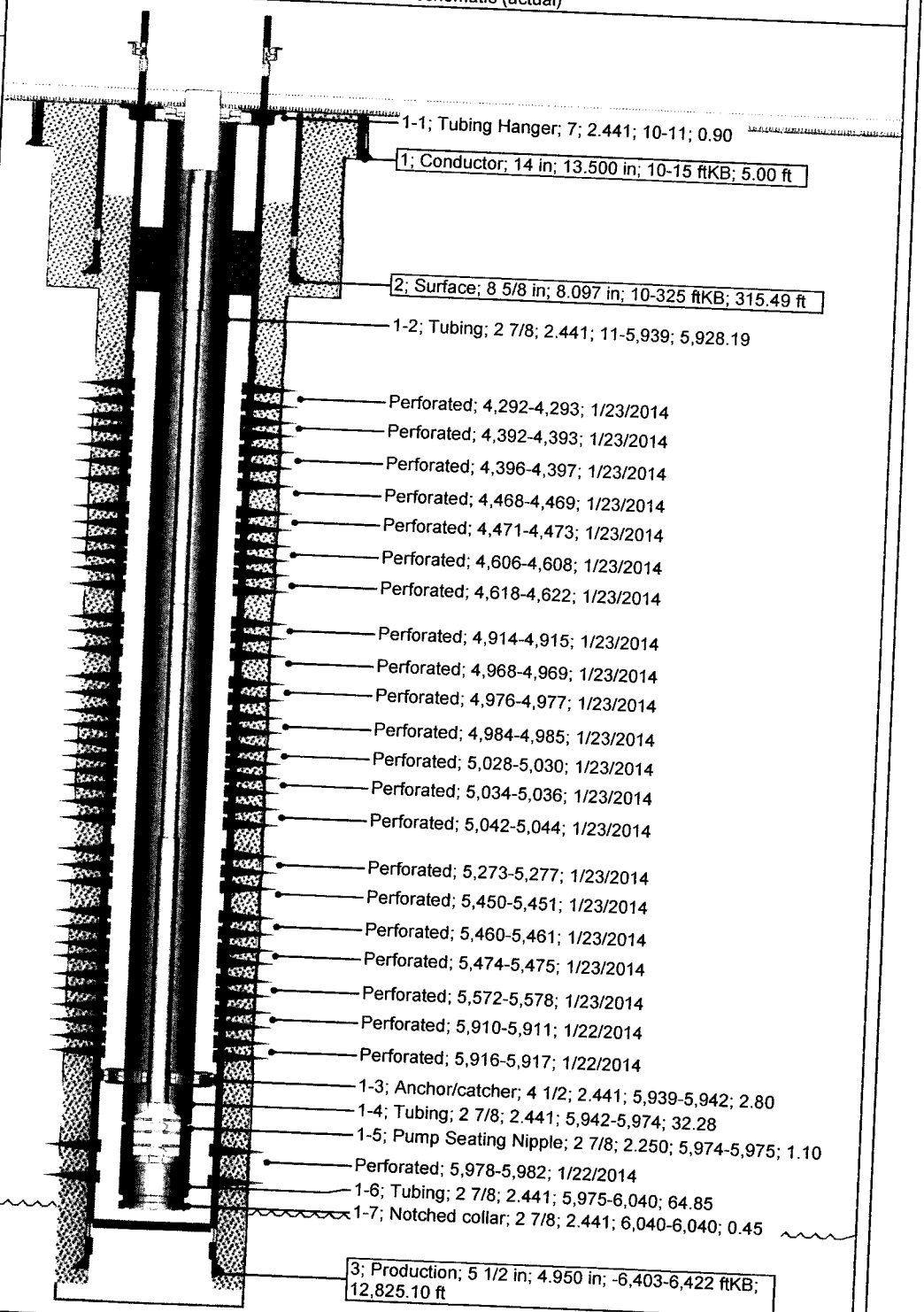
TD: 6,458.0

Slant - Original Hole, 3/18/2014 11:34:59 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
-457.3	-457.3	0.3
-10.2	-10.2	0.3
0.0	0.0	0.3
10.8	10.8	0.3
15.1	15.1	0.3
32.2	32.2	0.3
54.8	54.8	0.3
279.9	279.9	0.3
325.5	325.5	0.3
1,957.0	1,924.5	13.6
3,685.0	3,598.5	17.1
3,697.2	3,610.1	17.2
4,293.0	4,184.2	16.6
4,393.0	4,280.3	15.9
4,397.0	4,284.0	15.9
4,469.2	4,353.6	15.1
4,473.1	4,357.4	15.0
4,607.9	4,487.9	15.0
4,622.0	4,501.5	15.3
4,914.0	4,783.1	15.6
4,967.8	4,834.8	16.2
4,976.0	4,842.7	16.3
4,983.9	4,850.3	16.4
5,027.9	4,892.4	16.8
5,034.1	4,898.4	16.8
5,042.0	4,905.9	16.8
5,207.0	5,064.7	14.9
5,276.9	5,132.2	15.2
5,451.1	5,301.8	10.1
5,461.0	5,311.5	10.0
5,475.1	5,325.4	9.9
5,578.1	5,426.7	11.0
5,911.1	5,752.3	13.6
5,917.0	5,758.1	13.7
5,941.9	5,782.3	13.6
5,974.1	5,813.5	13.7
5,978.0	5,817.3	13.7
5,982.0	5,821.2	13.7
6,040.4	5,877.9	13.7
6,400.3	6,228.9	12.5
6,422.6	6,250.7	12.5
6,458.0	6,285.3	12.5

DLS (°... 0 —— 6

Vertical schematic (actual)



NEWFIELD

GMBU M-9-9-16

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: SE/NW Section 9, T9S, R16E; 1977' FNL & 1935' FWL

Elevation: 5787' GL + 10' KB

API Number: 43-013-51690; Lease Number: UTU-79833

Paul Lembcke
PFM 6/13/2013
Spud Date: 5/27/2013
PoP Date: 7/3/2013

CASING DETAIL

Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
Surf	10'	300'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,308'	5-1/2"	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'	5,877'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,779'

ROD DETAIL

Component	Top	Bottom	Size	Grade	Length	Count	Pump
Polish Rod	0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5796'
Pony Rod	30'	46'	7/8"	Tenaris D78	16	1	
4per Guided Rod	46'	1,896'	7/8"	Tenaris D78	1850	74	
4per Guided Rod	1,896'	5,046'	3/4"	Tenaris D78	3150	126	
8per Guided Rod	5,046'	5,796'	7/8"	Tenaris D78	750	30	

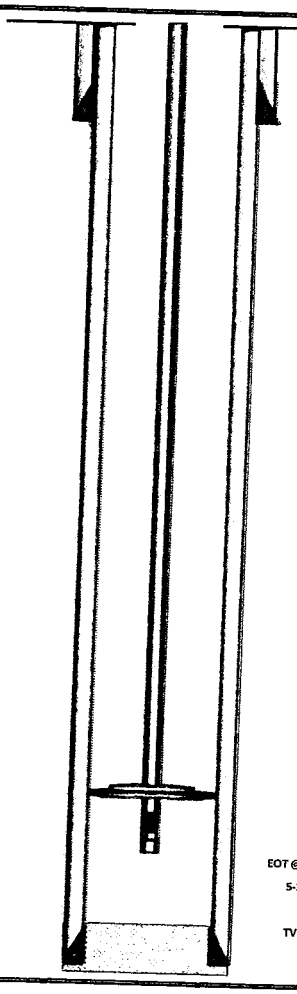
Frac Summary

Stage	Top	Bottom	SPF	EHD	Date
4	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	4,276'	4,282'	2	0.34	6/25/2013
3	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	4,860'	4,862'	2	0.34	6/25/2013
	5,038'	5,042'	2	0.34	6/25/2013
2	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	5,172'	5,174'	2	0.34	6/25/2013
	5,328'	5,329'	2	0.34	6/25/2013
	5,336'	5,337'	2	0.34	6/25/2013
	5,342'	5,344'	2	0.34	6/25/2013
1	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	0'	0'	2	-	-
	5,788'	5,794'	2	0.34	6/20/2013

Stage	Formation	20/40 White	Pad	Flush	ISIP=	15% HCl	Treating Fluid	Load to Recover	Max STP
4	GB4	24,648 lbs	2,880 gals	4,276 gals	0.852 psi/ft	0 gals	3,600 gals	10,756 gals	2,602 psi
3	C-Sand D1	22,811 lbs	2,953 gals	4,893 gals	0.808 psi/ft	504 gals	5,350 gals	13,700 gals	2,549 psi
2	A3 B2	79,948 lbs	3,738 gals	5,116 gals	1.208 psi/ft	504 gals	18,670 gals	28,028 gals	4,265 psi
1	CP1	14,738 lbs	3,797 gals	5,830 gals	0.821 psi/ft	756 gals	3,560 gals	13,943 gals	3,521 psi

CEMENT

Surf	On 5/28/13 Baker Hughes cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 10 bbls to the pit.
Prod	On 6/7/13 Baker pumped 220sks lead @ 11 ppg w/ 3.53 yield plus 455 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 1 bbls to the pit. TOC @ 210'.



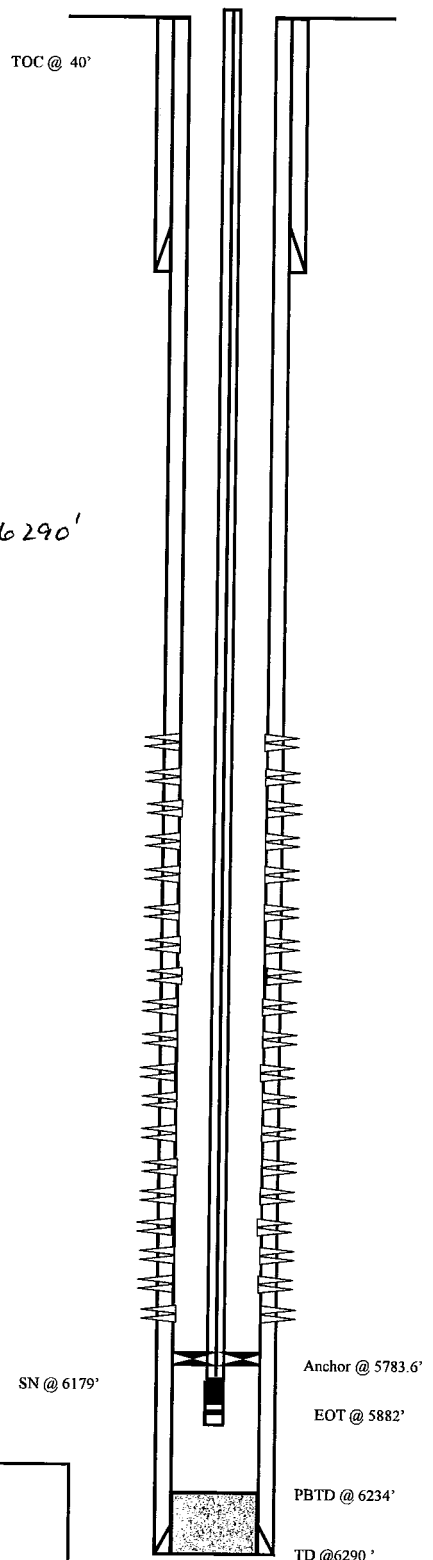
8-5/8"Shoe @ 300.38'

EOT @ 5877.35'; TA @ 5778.8'
5-1/2"Shoe @ 6307.57'
PBTD @ 6240.0'
TVD @ 6195'; MD 6329'
BHST = 170°F

GMBU C-17-9-16

Spud Date: 5-9-2013
Put on Production: 6-21-2013
GL:5925' KB:5935'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8jts (328')
DEPTH LANDED: 339'
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: 144jts (6312.63)
HOLE SIZE: 7-7/8"
~~TOTAL DEPTH: 6290~~ DEPTH LANDED: 6290'
CEMENT DATA: 265 sxs Premlite II & 475 sxs 50/50 POZ.
CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 184ts (5773.6')
TUBING ANCHOR: 5783.6'
NO. OF JOINTS: 1jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5817.8'
NO. OF JOINTS: 2jt (62.8')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5882.11'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 2', 4', 6', 8' x 7/8" Pony Rods, 68 x 7/8" 4per Guided Rods, 132 x ¾" 4per Guided Rods, 30 x 7/8" 8per Guided Rods
PUMP SIZE: 2-½" x 1-3/4" x 20'x 21' x 24' RHAC
STROKE LENGTH: 144"
PUMP SPEED, SPM: 5
PUMPING UNIT: DARCO C-640-365-168

FRAC JOB

6-17-13	5810-5778''	**Frac CP1 sands as follows:**Frac with 54704# 20/40 sand in 400bbls
6-17-13	5546-5293'	**Frac LODC & A1 sands as follows:** Frac with 124949# 20/40 sand in 862bbls
6-17-13	5144-5038'	**Frac B2, B1, B.5, C sands as follows:** Frac with 47175# 20/40 sand in 482 bbls
6-17-13	4922-4856'	**Frac D1, D2 sands as follows:** Frac with 24897# 20/40 sand in 304 bbls
6-17-13	4374-4352'	**Frac GB6 sands as follows:** Frac with 34758# 20/40 sand in 352 bbls

PERFORATION RECORD

5,808.0 - 5,810.0	2 JSPF	4 Shots
5,801.0 - 5,802.0	2 JSPF	2 Shots
5,795.0 - 5,796.0	2 JSPF	2 Shots
5,776.0 - 5,778.0	2 JSPF	4 Shots
5,778.0 - 5,780.0	2 JSPF	4 Shots
5,544.0 - 5,546.0	2 JSPF	4 Shots
5,528.0 - 5,530.0	2 JSPF	4 Shots
5,511.0 - 5,512.0	2 JSPF	2 Shots
5,499.0 - 5,500.0	2 JSPF	2 Shots
5,481.0 - 5,482.0	2 JSPF	2 Shots
5,310.0 - 5,312.0	2 JSPF	4 Shots
5,293.0 - 5,294.0	2 JSPF	2 Shots
5,141.0 - 5,144.0	2 JSPF	6 Shots
5,107.0 - 5,110.0	2 JSPF	6 Shots
5,089.0 - 5,091.0	2 JSPF	4 Shots
5,038.0 - 5,040.0	2 JSPF	4 Shots
4,918.0 - 4,922.0	2 JSPF	8 Shots
4,856.0 - 4,858.0	2 JSPF	4 Shots
4,372.0 - 4,374.0	2 JSPF	4 Shots
4,364.0 - 4,366.0	2 JSPF	4 Shots
4,352.0 - 4,354.0	2 JSPF	4 Shots

NEWFIELD

GMBU C-17-9-16
704' FSL & 1929' FEL (SW/SE)
Section 8, T9S, R16E
Duchesne Co, Utah
API # 43-013-51589; EDA:

FBS 10/28/2013

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

ATTACHMENT F
1 of 4

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Water Analysis Report

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

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

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

Sample Specifics	
Test Date:	12/9/2011
System Temperature 1 (°F):	300.00
System Pressure 1 (psig):	3000.00
System Temperature 2 (°F):	70.00
System Pressure 2 (psig):	14.70
Calculated Density (g/ml):	1.01
pH:	8.20
Calculated TDS (mg/L):	17913.62
CO2 in Gas (%):	0.00
Dissolved CO2 (mg/L)):	0.00
H2S in Gas (%):	0.00
H2S in Water (mg/L):	10.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	6799.09	Chloride (Cl):	10000.00
Potassium (K):	26.10	Sulfate (SO_4):	2.00
Magnesium (Mg):	9.40	Bicarbonate (HCO_3):	1024.80
Calcium (Ca):	26.80	Carbonate (CO_3):	0.00
Strontium (Sr):	0.00	Acetic Acid (CH_3COO)	0.00
Barium (Ba):	24.20	Propionic Acid (C_2H_5COO)	0.00
Iron (Fe):	0.47	Butanoic Acid (C_3H_7COO)	0.00
Zinc (Zn):	0.00	Isobutyric Acid ($(CH_3)_2CHCOO$)	0.00
Lead (Pb):	0.70	Fluoride (F):	0.00
Ammonia NH_3:	0.00	Bromine (Br):	0.00
Manganese (Mn):	0.06	Silica (SiO_2):	0.00

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
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		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
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

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

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

ATTACHMENT F
2 of 4

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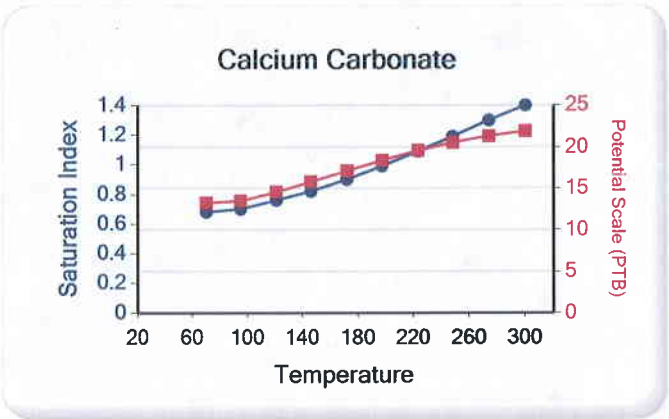
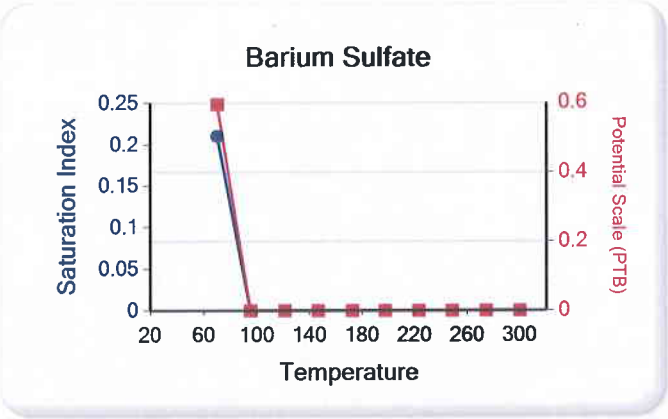
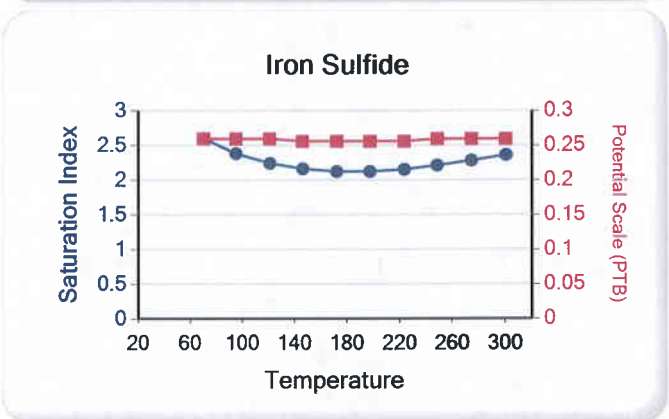
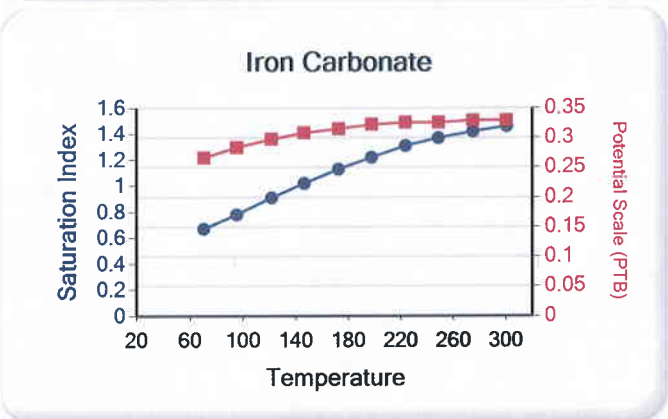
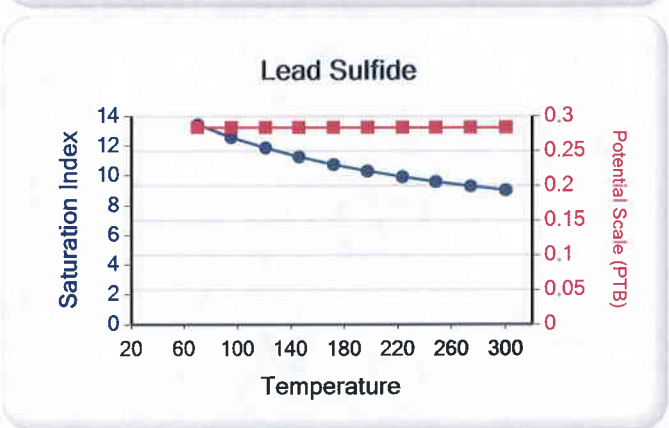
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Lead Sulfide











Multi-Chem Analytical Laboratory
1122 S. FM1788
Midland, TX 76706

ATTACHMENT F
3 of 4

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 13-9-9-16**
Sample Point:
Sample Date: **4/11/2012**
Sample ID: **WA-212305**

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

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

Sample Specifics	
Test Date:	4/25/2012
System Temperature 1 (°F):	300.00
System Pressure 1 (psig):	3000.0000
System Temperature 2 (°F):	70.00
System Pressure 2 (psig):	14.7000
Calculated Density (g/ml):	1.01
pH:	7.20
Calculated TDS (mg/L):	17837.20
CO2 in Gas (%):	0.00
Dissolved CO_2 (mg/L)):	47.52
H_2S in Gas (%):	0.00
H2S in Water (mg/L):	0.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	6793.39	Chloride (Cl):	10300.00
Potassium (K):	54.50	Sulfate (SO_4):	4.00
Magnesium (Mg):	15.50	Bicarbonate (HCO_3):	610.00
Calcium (Ca):	40.50	Carbonate (CO_3):	0.00
Strontium (Sr):	0.00	Acetic Acid (CH_3COO)	0.00
Barium (Ba):	12.80	Propionic Acid (C_2H_5COO)	0.00
Iron (Fe):	6.10	Butanoic Acid (C_3H_7COO)	0.00
Zinc (Zn):	0.00	Isobutyric Acid ($(CH_3)_2CHCOO$)	0.00
Lead (Pb):	0.00	Fluoride (F):	0.00
Ammonia NH_3:	0.00	Bromine (Br):	0.00
Manganese (Mn):	0.40	Silica (SiO_2):	0.00

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
70.00	14.00	0.00	0.00	0.23	1.08	0.00	0.00	0.54	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.03	0.97	0.00	0.00	0.00	0.00	1.16	4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.18	6.19	0.00	0.00	0.00	0.00	1.32	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.35	11.62	0.00	0.00	0.00	0.00	1.47	4.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.52	16.92	0.00	0.00	0.00	0.00	1.61	4.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.70	21.74	0.00	0.00	0.00	0.00	1.74	4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.89	25.79	0.00	0.00	0.00	0.00	1.85	4.36	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
70.00	14.00	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
95.00	346.00	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
121.00	678.00	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
146.00	1009.00	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
172.00	1341.00	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
197.00	1673.00	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
223.00	2004.00	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
248.00	2336.00	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
274.00	2668.00	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
300.00	3000.00	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
1122 S. FM1788
Midland, TX 76706

ATTACHMENT F
4 of 4

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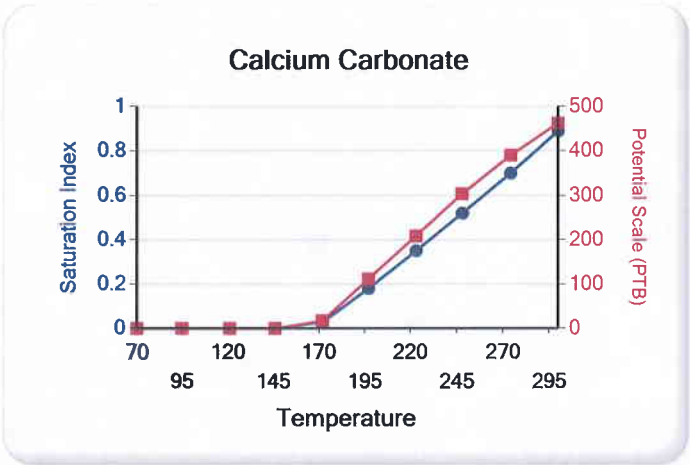
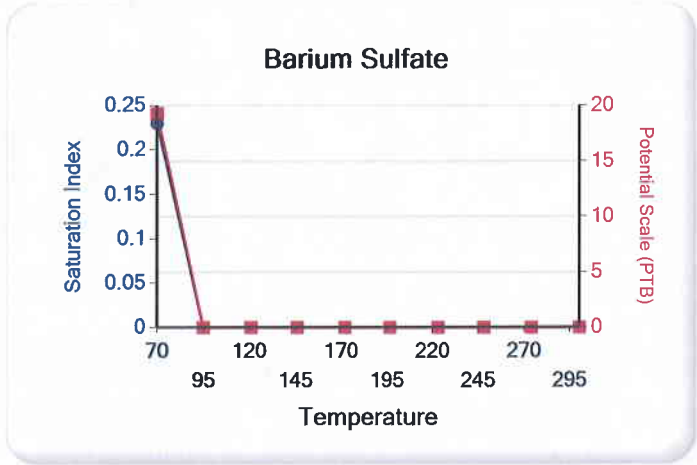
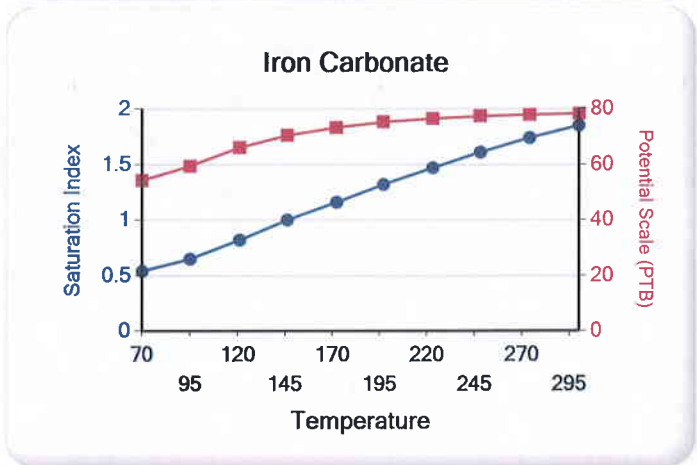
These scales have positive scaling potential under initial temperature and pressure: Barium Sulfate Iron Carbonate

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







Attachment "G"

Federal #13-9-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5625	5670	5648	2063	0.80	2026
5400	5422	5411	3560	1.09	3525
5204	5215	5210	2052	0.83	2018
4823	4832	4828	2034	0.85	2003
4254	4262	4258	1700	0.83	1672 ←
				Minimum	1672

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 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 15-May-07 **Day:** 1

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

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

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5665-5670'	4/20
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-May-07 **SITP:** **SICP:** 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5969' & cement top @ surface. Perforate stage #1. CP.5 sds @ 5625-5630', CP2 sds @ 5665- 70' w/ 3 1/8" Slick guns (19 gram, .49" HE 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 150 BWTR. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	150	Starting oil rec to date:	
Fluid lost/recovered today:	0	Oil lost/recovered today:	
Ending fluid to be recovered:	150	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: 15 min:

Completion Supervisor: Orson Barney

COSTS

Weatherford BOP	$450
NPC NU crew	$300
NDSI trucking	$800
Perforators LLC	$5,824
Drilling cost	$249,240
Zubiate hot oil	$420
Location preparation	$300
NPC wellhead	$1,500
Benco - anchors	$1,200
Admin. Overhead	$3,000
NPC Supervisor	$300
Weatherford trucking	$400
DAILY COST:	$263,734
TOTAL WELL COST:	$263,734

NEWFIELD

ATTACHMENT G-1
2 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 26-May-07 **Day:** 2a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

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

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5665-5670'	4/20
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-07 **SITP:** **SICP:** 0

Day 2a.
RU BJ Services. 0 psi on well. Frac CP.5 & CP2 sds w/ 14,942#'s of 20/40 sand in 271 bbls of Lightning 17 fluid Broke @ 3020 psi. Treated w/ ave pressure of 2299 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL ir flush for Stage #2. ISIP 2063 psi. Leave pressure on well. 421 BWTR. See Day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 150 Starting oil rec to date:

Fluid lost/recovered today: 271 Oil lost/recovered today:

Ending fluid to be recovered: 421 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: CP.5 & CP2 sands

533 gals to breakdown & get crosslink

1500 gals of pad

1149 gals W/ 1-4 ppg of 20/40 sand

2555 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5120 gals of slick water

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

Max TP: 2574 Max Rate: 24.7 BPM Total fluid pmpd: 271 bbls

Avg TP: 2299 Avg Rate: 24.6 BPM Total Prop pmpd: 14,942#'s

ISIP: 2063 5 min: 10 min: FG: .80

Completion Supervisor: Orson Barney

COSTS

BJ Services-CP.5/CP2	$18,193
CD wtr & trucking	$280
NPC fuel gas	$44
Weatherford tools/serv	$1,250
NPC trucking	$300
NPC supervision	$60
DAILY COST:	$20,127
TOTAL WELL COST:	$283,861

NEWFIELD

ATTACHMENT G-1
3 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 26-May-07 **Day:** 2b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5515'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5665-5670'	4/20
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-07 SITP: SICP: 80 psi

Day 2b.
RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 22' perf gun. Se plug @ 5515'. Perforate LODC sds @ 5400- 22' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots (2 runs due to misrun). RU BJ Services. 80 psi on well. Frac LODC sds w/ 138,714#'s of 20/40 sand in 970 bbls of Lightning 17 fluid. Broke @ 4001 psi. Treated w/ ave pressure of 2903 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 3560 psi. Leave pressure on well 1391 BWTR. See Day 2c.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	421	Starting oil rec to date:	
Fluid lost/recovered today:	970	Oil lost/recovered today:	
Ending fluid to be recovered:	1391	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: LODC sands

10700 gals of pad

7000 gals W/ 1-5 ppg of 20/40 sand

14000 gals W/ 5-8 ppg of 20/40 sand

3651 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4893 gals of slick water

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

Max TP: 3213 Max Rate: 24.8 BPM Total fluid pmpd:

Avg TP: 2903 Avg Rate: 24.7 BPM Total Prop pmpd: 138,714#'s

ISIP: 3560 5 min: 10 min: FG: 1.09

Completion Supervisor: Orson Barney

COSTS

BJ Services-LODC	$32,197
CD wtr & trucking	$2,856
NPC fuel gas	$447
Weatherford tools/serv	$2,450
Perforators LLC	$5,893
NPC supervision	$60
DAILY COST:	$43,903
TOTAL WELL COST:	$327,764

NEWFIELD

ATTACHMENT G-1
4 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 26-May-07 **Day:** 2c

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5320'

BP: 5515'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5665-5670'	4/20
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-07 SITP: SICP: 980 psi

Day 2c.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 11' perf gun. Se plug @ 5320'. Perforate A3 sds @ 5204- 15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 980 psi on well. Pressured up to 4200 psi, Would no breakdown. RU Perforators & dump bail acid. RU BJ Services. 0 psi on well. Pumped 143.9 bbls of fluid. Shut dowr due to "Visc" problems. Restart job. Frac A3 sds w/ 55,148#'s of 20/40 sand in 467 bbls of Lightning 17 fluid. Broke @ 3433 psi. Treated w/ ave pressure of 2274 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush fo Stage #4. ISIP 2052 psi. Leave pressure on well. 2001 BWTR. See Day 2d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1391	Starting oil rec to date:	
Fluid lost/recovered today:	610	Oil lost/recovered today:	
Ending fluid to be recovered:	2001	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: A3 sands

6044 gals to breakdown, get crosslink & restart.

4400 gals of pad

2944 gals W/ 1-5 ppg of 20/40 sand

5872 gals W/ 5-8 ppg of 20/40 sand

1177 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4696 gals of slick water

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

Max TP: 2763 Max Rate: 24.8 BPM Total fluid pmpd: 610 bbls

Avg TP: 2274 Avg Rate: 24.6 BPM Total Prop pmpd: 55,148#'s

ISIP: 2052 5 min: 10 min: FG: .83

Completion Supervisor: Orson Barney

COSTS

BJ Services-A3	$13,607
CD wtr & trucking	$1,120
NPC fuel gas	$175
Weatherford tools/serv	$2,450
Perforators LLC	$2,947
NPC supervision	$60
DAILY COST:	$20,359
TOTAL WELL COST:	$348,123

NEWFIELD

ATTACHMENT G-1
5 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 26-May-07 **Day:** 2d

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4930'

BP: 5320', 5515'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5665-5670'	4/20
D2 sds	4823-4832'	4/36			
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-07 SITP: SICP: 1450 psi

Day 2d.
RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' per gun. Set plug @ 4930'. Perforate D2 sds @ 4823- 32' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1450 psi on well. Frac D2 sds w/ 50,506#'s o 20/40 sand in 419 bbls of Lightning 17 fluid. Broke @ 4102 psi. Treated w/ ave pressure of 1952 psi @ ave rate o 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2034 psi. Leave pressure on well. 2420 BWTR
See Day 2e.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2001 Starting oil rec to date:

Fluid lost/recovered today: 419 Oil lost/recovered today:

Ending fluid to be recovered: 2420 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: D2 sands

3800 gals of pad

2625 gals W/ 1-5 ppg of 20/40 sand

5250 gals W/ 5-8 ppg of 20/40 sand

1114 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4284 gals of slick water

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

Max TP: 2242 Max Rate: 24.7 BPM Total fluid pmpd: 419 bbls

Avg TP: 1952 Avg Rate: 24.7 BPM Total Prop pmpd: 50,506#'s

ISIP: 2034 5 min: 10 min: FG: .86

Completion Supervisor: Orson Barney

COSTS

BJ Services-D2	$12,364
CD wtr & trucking	$1,008
NPC fuel gas	$158
Weatherford tools/serv	$2,450
Perforators LLC	$2,411
NPC supervision	$60
DAILY COST:	$18,451
TOTAL WELL COST:	$366,574

NEWFIELD

ATTACHMENT G-1
6 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 26-May-07 **Day:** 2e

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4370'

BP: 4930', 5320', 5515'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4254-4262'	4/32	CP2 sds	5665-5670'	4/20
D2 sds	4823-4832'	4/36			
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-07 **SITP:** **SICP:** 1535 psi

Day 2d.
RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' per gun. Set plug @ 4370'. Perforate GB4 sds @ 4254- 62' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1535 psi on well. Frac D2 sds w/ 13,089#'s o 20/40 sand in 202 bbls of Lightning 17 fluid. Broke @ 2104 psi. Treated w/ ave pressure of 1894 psi @ ave rate o 24.5 BPM. ISIP 1700 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec est 240 BTF. SIWFN w/ 2382 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2420	Starting oil rec to date:	
Fluid lost/recovered today:	38	Oil lost/recovered today:	
Ending fluid to be recovered:	2382	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

391 gals to breakdown & get crosslink

1200 gals of pad

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

1731 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 4200 gals of slick water

Max TP: 2083 Max Rate: 24.7 BPM Total fluid pmpd: 202 bbls

Avg TP: 1894 Avg Rate: 24.5 BPM Total Prop pmpd: 13,089#'s

ISIP: 1700 5 min: 10 min: FG: .84

Completion Supervisor: Orson Barney

COSTS

BJ Services-GB4	$18,887
CD wtr & trucking	$336
NPC fuel gas	$53
Weatherford tools/serv	$2,450
Perforators LLC	$2,143
NPC supervision	$60
Unichem chemicals	$400
NPC sfc equipment	$130,000
Boren welding/labor	$19,500
Mt west sanitation	$300
NPC location cleanup	$300
Monks pit reclaim	$1,800
NPC flowback hand	$400
DAILY COST:	$176,629
TOTAL WELL COST:	$543,203

NEWFIELD

ATTACHMENT G-1
7 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 30-May-07 **Day:** 3

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

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969' WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5285' BP/Sand PBTD:

BP: 5320', 5515'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4254-4262'	4/32	CP2 sds	5665-5670'	4/20
D2 sds	4823-4832'	4/36			
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-May-07 **SITP:** **SICP:** 50 psi

MIRU Western #3. 50 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP Talley, PU & RIH w/ 4 3/4" Chomp bit, bit sub & 2 7/8 J-55 tbg. Tagged fill @ 4286'. RU Nabors power swivel Circulate sand & drill out plugs. Sand @ 4286', Drill out plug @ 4370' (Drilled out in 15 mins). Tagged sand @ 4788' Drill out plug @ 4930' (Drilled out in 15 mins). Tagged sand @ 5172'. Circulate clean to plug @ 5320'. LD 1 jt of tbg EOT @ 5285'. SIWFN w/ 2490 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2420 Starting oil rec to date:

Fluid lost/recovered today: 70 Oil lost/recovered today:

Ending fluid to be recovered: 2490 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: Orson Barney

COSTS

Western #3	$5,646
Weatherford BOP	$225
Nabors power swivel	$750
NDSI trucking	$1,200
B&L- new J-55 tbg	$32,711
NDSI wtr & trucking	$400
NDSI wtr disposal	$4,000
NPC location cleanup	$300
NPC Supervision	$300
DAILY COST:	$45,532
TOTAL WELL COST:	$588,735

NEWFIELD

ATTACHMENT G-1
8 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 31-May-07 **Day:** 4

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

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969'

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

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4254-4262'	4/32	CP2 sds	5665-5670'	4/20
D2 sds	4823-4832'	4/36			
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 30-May-07 **SITP:** **SICP:** Vacuum

Well on vacuum. Continue circulating sand & drilling out plugs. Drill out plug @ 5320' (Drilled out in 10 mins) Tagged sand @ 5430', Drill out plug @ 5515' (Drilled out in 15 mins). Tagged sand @ 5892'. Circulate clean to PBTD @ 5969'. LD 2 jt of tbg. RU swab equipment. IFL @ surface. Made 17 runs, Rec 110 BTF. FFL @ 1100'. Final oil cut, Trace. RD swab equipment. TIH w/ tbg. Tagged sand @ 5965'. Circulate clean to PBTD @ 5969'. LD extra tbg TOH w/ tbg. LD bit & bit sub. PU & TIH w/ production tbg. NC, 2-jts of tbg, SN, 2-jts of tbg, 5 1/2" TA & 177 jts of tbg Gain a total of 135 BW today. SIWFN w/ 2355 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2490	Starting oil rec to date:	
Fluid lost/recovered today:	135	Oil lost/recovered today:	
Ending fluid to be recovered:	2355	Cum oil recovered:	

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

	TUBING DETAIL	ROD DETAIL	COSTS	
			Western #3	$5,349
KB	12.00'		Weatherford BOP	$225
177	2 7/8 J-55 tbg		Nabors power swivel	$750
	TA 2.80'		Weatherford trucking	$400
2	2 7/8 J-55 tbg		CDI TA	$525
	SN 1.10'		CDI SN	$80
2	2 7/8 J-55 tbg		NPC trucking	$300
	2 7/8 NC (.45')		NPC Supervision	$300
EOT				
			DAILY COST:	$7,929

Completion Supervisor: Orson Barney **TOTAL WELL COST:** $596,664

NEWFIELD

ATTACHMENT G-1
9 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 13-9-9-16 **Report Date:** 1-Jun-07 **Day:** 5

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

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 6014' Csg PBTD: 5969'

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

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4254-4262'	4/32	CP2 sds	5665-5670'	4/20
D2 sds	4823-4832'	4/36			
A3 sds	5204-5215'	4/44			
LODC	5400-5422'	4/88			
CP.5 sds	5625-5630'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-May-07 **SITP:** **SICP:**

ND BOP. Tried to set TA. TA would not set. Land tbg on flange. Circulate well w/ 60 BW. Unland tbg. Try to se TA, Would not set. NU BOP. TOH w/ tbg & replace TA. TIH w/ production tbg same as pulled (NC, 2-jts of tbg, SN, 2 jts of tbg, 5 1/2" TA & 177 jts of tbg). ND BOP. Set TA w/ 16,000# of tension. Land tbg on flange w/ TA @ 5606', SN @ 5672', EOT @ 5736'. NU WH. Flush tbg w/ 60 BW. PU & RIH w/ 2 1/2" X 1 1/2" X 20' RHAC (CDI), 6- 1 1/2" w bars "B grade", 20- 3/4" guided rods "B grade", 110- 3/4" plain rods "B grade", 90- 3/4" guided rods "B grade", 1- 2', 1- 4' X 3/4" pony rods, 1 1/2" X 26' Polish rod. Hang head, Space out rods. Stroke test w/ unit to 800 psi, Good action POP @ 6:00 PM w/ 102" SL @ 5 SPM. 2340 BWTR. FINAL REPORT!!!

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2355 Starting oil rec to date:

Fluid lost/recovered today: 15 Oil lost/recovered today:

Ending fluid to be recovered: 2340 Cum oil recovered:

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

	TUBING DETAIL	ROD DETAIL	COSTS	
			Western #3	$4,897
KB	12.00'	1 1/2" X 26' Polish rod	Weatherford BOP	$225
177	2 7/8 J-55 tbg (5593.67')	1-2', 1-4' X 3/4 pony rods	NPC frc tnks(7 X 5dys)	$1,400
	TA (2.80' @ 5605.67' KB)	90- 3/4" guide rods "B" grade	NPC swb tnk(1 X 5dys)	$200
2	2 7/8 J-55 tbg (63.07')	110- 3/4" plain rod "B" grade	CDI rod pump	$1,300
	SN (1.10' @ 5671.54' KB)	20- 3/4" guide rod "B" grade	B grade rod string	$9,621
2	2 7/8 J-55 tbg (62.73')	6- 1 1/2" wt bars "B" grade		
	2 7/8 NC (.45')	2 1/2" X 1 1/2" X 20' RHAC	NPC Supervision	$300
EOT	@ 5735.82' KB	"CDI" w/ 178" stroke		
			DAILY COST:	$17,943
			TOTAL WELL COST:	$614,607

Completion Supervisor: Orson Barney

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4204'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	174' 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 373'

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

ATTACHMENT H-1

FEDERAL 13-9-9-16

Spud Date: 04/21/07
Put on Production: 5/31/07

GL: 5878' KB: 5890'

Initial Production: 63 BOPD, 11 MCFD, 56 BWPD

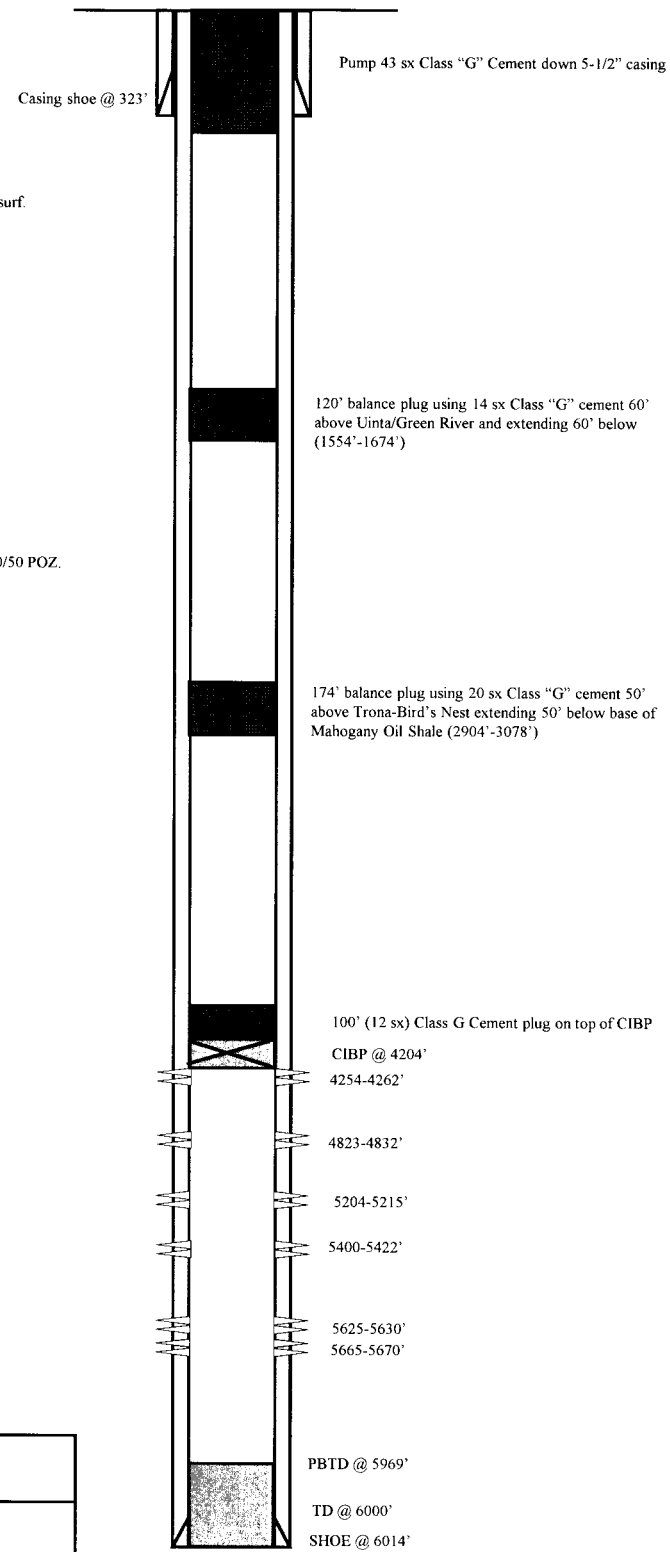
Proposed P & A
Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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



NEWFIELD

FEDERAL 13-9-9-16

734'FSL & 625' FWL

SW/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33052; Lease # UTU-64379

JL 4/17/2012

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

8. Well Name and No.
FEDERAL 13-9-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333052

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

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

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
734 FSL 625 FWL

SWSW Section 9 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 Injector	☐ 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.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

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

Title
Regulatory Technician

Signature

Date
05/11/2012

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 page 2)

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.

1. TYPE OF WELL Water Injection Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-64379
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**8. WELL NAME and NUMBER:** FEDERAL 13-9-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext	**9. API NUMBER:** 43013330520000
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 0734 FSL 0625 FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	**9. FIELD and POOL or WILDCAT:** MONUMENT BUTTE **COUNTY:** DUCHESNE **STATE:** UTAH

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

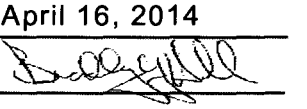
TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 3/28/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ 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 12:00 PM on 03/28/2014.

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 16, 2014

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	**PHONE NUMBER** 435 646-4874	**TITLE** Water Services Technician
SIGNATURE N/A		**DATE** 4/2/2014

RECEIVED: Apr. 02, 2014

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.

1. TYPE OF WELL Oil Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-64379
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**8. WELL NAME and NUMBER:** FEDERAL 13-9-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext	**9. API NUMBER:** 43013330520000
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 0734 FSL 0625 FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	**9. FIELD and POOL or WILDCAT:** MONUMENT BUTTE **COUNTY:** DUCHESNE **STATE:** UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ 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: 1/31/2014	✓ 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: New Perforations

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 01/29/2014. New intervals perforated, A1 sands - 5169-5193' 3 JSPF & GB2 4102-4115' 3 JSPF On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 12, 2014

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	**PHONE NUMBER** 435 646-4874	**TITLE** Water Services Technician	
SIGNATURE N/A		**DATE** 2/10/2014	

RECEIVED: Feb. 10, 2014

Sundry Number: 47737 API Well Number: 43013330520000

Casing or Annulus Pressure Test

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

Witness: _____ **Date** 1 / 31 / 14 **Time** 9:31 (am) pm
Test Conducted by: Rolly Bagley
Others Present: _____

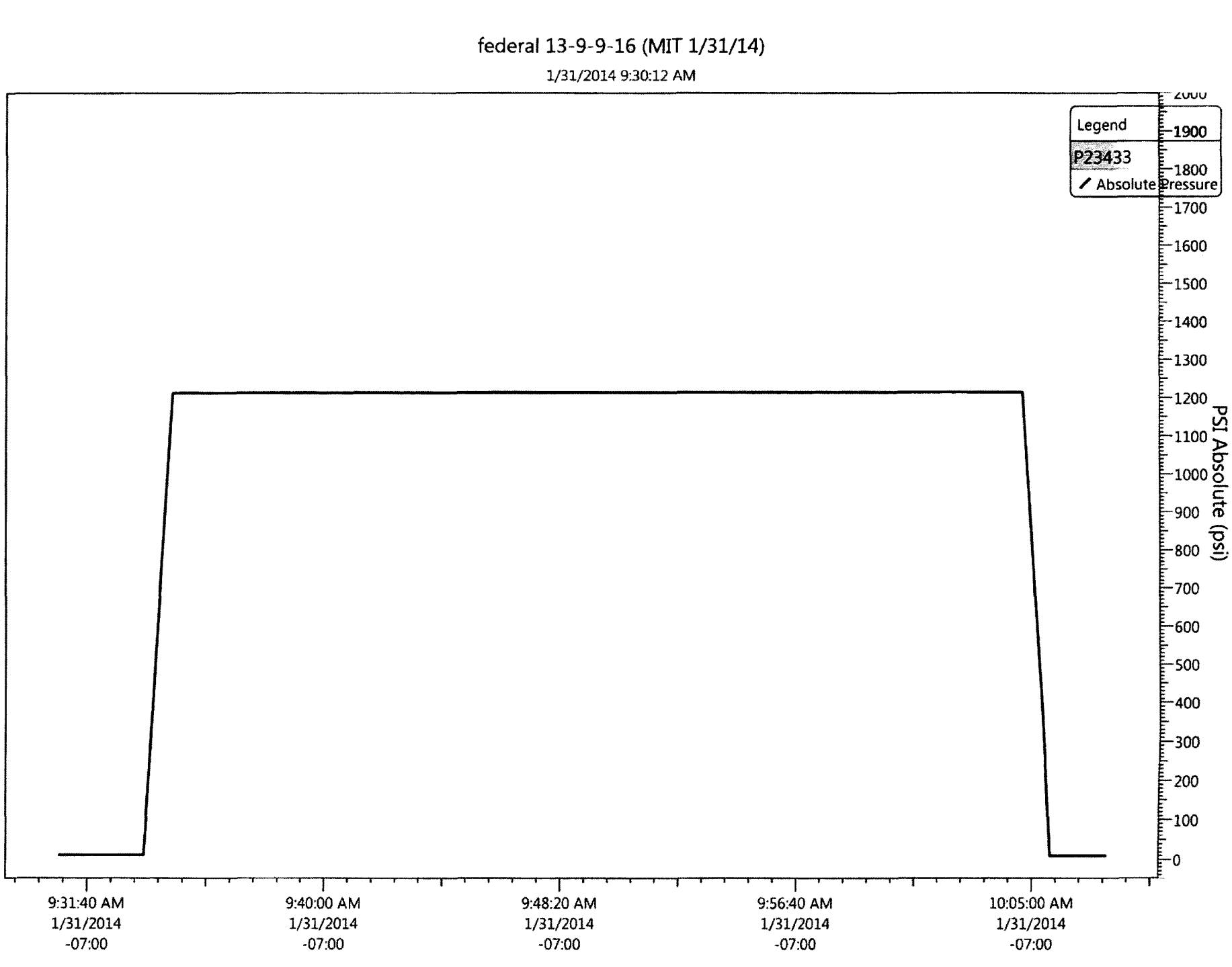
Well: Federal 13-9-9-16 **Field:** Monument Butte
Well Location: Federal 13-9-9-16 SW/SW Sec 9, T9S R16E Duchesne county Utah **API No:** 4301333052

Time	Casing Pressure	
0 min	1214	psig
5	1214	psig
10	1214	psig
15	1214	psig
20	1214	psig
25	1214	psig
30 min	1214	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____
Signature of Person Conducting Test: Rolly Bagley



Daily Activity Report

Format For Sundry

FEDERAL 13-9-9-16

11/1/2013 To 3/28/2014

1/28/2014 Day: 1 **Conversion**

WWS #5 on 1/28/2014 - MIRUSU, POOH w/ rods start ooh w/ tbg. - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN - Load out & move from FED 1-30 To FED 13-9, MIRU Same remove head, unseat pump @ 4000# over string WT, Wait on hot oiler, flush rods W/ 40 BBLS H20 LD 1 1/2 X 26' Polish rod 1-8' 1-6' 1-4' 1-2' 3/4 pony rods 91-3/4 4PER 47-3/4 Slicks 30-3/4 4 PER 40-3/4 8 PER 6 1 1/2 WT bars LD 2 1/2 X 1 1/4 X 20 RHAC ND Well head Unset 5 1/2 B-2 TAC, Strip on 5000# BOPS RU Floor & TBG Works, PU 5 JTS Tag fill @ 5876' 93' of fill & 299' below bottom perf, LD 5 JTS & 4:00 TOOH Breaking evey collar w/ 60 JTS 2 7/8 TBG, EOT @ 3962' SWIFN **Finalized**

Daily Cost: $0

Cumulative Cost: $29,530

1/30/2014 Day: 2 **Conversion**

WWS #5 on 1/30/2014 - Cont. OOH (break & dope) R/U W/L RIH perf A-1 (5169-93') & GB-2 (4102-4115') P/U RIH w/ rbp & pkr break dwn perfs - - Flush TBG W/ 40 BBLS H2O, CONT TOOH Breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 53 JTS 2 7/8 TBG, LD 5 1/2 B-2 TAC PSN & NC RU Wire line PERF Zones 5169-93 & 4102-15 w/ 3 spf @ 120 deg. Phashing RD wireline PU & Talley 5 1/2 RBP RH 4' 2 3/8 TBG SUB 5 1/2 PKR & 130 JTS 2 7/8

L-80 TBG Set RBP @ 4129' & 3:00 PKR @ 4090' Fill TBG W/ 14 BBLS H2O, Break perfs @ 3400 PSI, Broke back to 1300 PSI Pump 5 BBLS, ISIP @ 1200 PSI, CONT PU 34 JTS Set RBP @ 4:00 5198' & PKR @ 5110', Break PERFS 5169-93' Broke @ 2250 back to 1250 PSI Pump 5 BBLS H2O, ISIP 900 PSI REL PKR MU FRAC Valve SWI @ 6:00 - Flush TBG W/ 40 BBLS H2O, CONT TOOH Breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 53 JTS 2 7/8 TBG, LD 5 1/2 B-2 TAC PSN & NC RU Wire line PERF Zones 5169-93 & 4102-15 w/ 3 spf @ 120 deg. Phashing RD wireline PU & Talley 5 1/2 RBP RH 4' 2 3/8 TBG SUB 5 1/2 PKR & 130 JTS 2 7/8 L-80 TBG Set RBP @ 4129' & 3:00 PKR @ 4090' Fill TBG W/ 14 BBLS H2O, Break perfs @ 3400 PSI, Broke back to 1300 PSI Pump 5 BBLS, ISIP @ 1200 PSI, CONT PU 34 JTS Set RBP @ 4:00 5198' & PKR @ 5110', Break PERFS 5169-93' Broke @ 2250 back to 1250 PSI Pump 5 BBLS H2O, ISIP 900 PSI REL PKR MU FRAC Valve SWI @ 6:00 - Set PKR @ 5110' W/ 6' tbg. Below rams and 30k comp. on pkr R/U Nabors remaining frac lines. - Set PKR @ 5110' W/ 6' tbg. Below rams and 30k comp. on pkr R/U Nabors remaining frac lines. - Call was made @ 7:30 am that frac wtr. Hade not been htd. Night prior (wait for H/O to arrive and heatfrac fluid to 70 deg. - Call was made @ 7:30 am that frac wtr. Hade not been htd. Night prior (wait for H/O to arrive and heatfrac fluid to 70 deg. - Open well 0#fill tbg. (perfs broke day prior) screened out in 5-6# ramp w/ 6426# of 20/40 sand placed in perfs open well to flowback @ 3 bpm recovered 30 ttls bbls RLS PKR and circ. Clean (A-1 5169-93) RIH ret. RBP POOH and set plug @ 4170' and set PKR @ 4062' Open well begin frac on stg.# 2 Zone screened out in 1-4# ramp w/ 4213# of 20/40 sand placed Open well Recovered 90 bbls RLS PKR RIH ret. RBP POOH w/ 110 jts. Of work string EOT @ 3883' SWIFN - Open well 0#fill tbg. (perfs broke day prior) screened out in 5-6# ramp w/ 6426# of 20/40 sand placed in perfs open well to flowback @ 3 bpm recovered 30 ttls bbls RLS PKR and circ. Clean (A-1 5169-93) RIH ret. RBP POOH and set plug @ 4170' and set PKR @ 4062' Open well begin frac on stg.# 2 Zone screened out in 1-4# ramp w/ 4213# of 20/40 sand placed Open well Recovered 90 bbls RLS PKR RIH ret. RBP POOH w/ 110 jts. Of work string EOT @ 3883' SWIFN - - - Flush TBG W/ 40 BBLS H2O, CONT TOOH Breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 53 JTS 2 7/8 TBG, LD 5 1/2 B-2 TAC PSN & NC RU Wire line PERF Zones 5169-93 & 4102-15 w/ 3 spf @ 120 deg. Phashing RD wireline PU & Talley 5 1/2 RBP RH 4' 2 3/8 TBG SUB 5 1/2 PKR & 130 JTS 2 7/8 L-80 TBG Set RBP @ 4129' & 3:00 PKR @ 4090' Fill TBG W/ 14 BBLS H2O, Break perfs @ 3400 PSI, Broke back to 1300 PSI Pump 5 BBLS, ISIP @ 1200 PSI, CONT PU 34 JTS Set RBP @ 4:00 5198' & PKR @ 5110', Break PERFS 5169-93' Broke @ 2250 back to 1250 PSI Pump 5 BBLS H2O, ISIP 900 PSI REL PKR MU FRAC Valve SWI @ 6:00 - Flush TBG W/ 40 BBLS H2O, CONT TOOH Breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 53 JTS 2 7/8 TBG, LD 5 1/2 B-2 TAC PSN & NC RU Wire line PERF Zones 5169-93 & 4102-15 w/ 3 spf @ 120 deg. Phashing RD wireline PU & Talley 5 1/2 RBP RH 4' 2 3/8 TBG SUB 5 1/2 PKR & 130 JTS 2 7/8 L-80 TBG Set RBP @ 4129' & 3:00 PKR @ 4090' Fill TBG W/ 14 BBLS H2O, Break perfs @ 3400 PSI, Broke back to 1300 PSI Pump 5 BBLS, ISIP @ 1200 PSI, CONT PU 34 JTS Set RBP @ 4:00 5198' & PKR @ 5110', Break PERFS 5169-93' Broke @ 2250 back to 1250 PSI Pump 5 BBLS H2O, ISIP 900 PSI REL PKR MU FRAC Valve SWI @ 6:00 - Set PKR @ 5110' W/ 6' tbg. Below rams and 30k comp. on pkr R/U Nabors remaining frac lines. - Set PKR @ 5110' W/ 6' tbg. Below rams and 30k comp. on pkr R/U Nabors remaining frac lines. - Call was made @ 7:30 am that frac wtr. Hade not been htd. Night prior (wait for H/O to arrive and heatfrac fluid to 70 deg. - Call was made @ 7:30 am that frac wtr. Hade not been htd. Night prior (wait for H/O to arrive and heatfrac fluid to 70 deg. - Open well 0#fill tbg. (perfs broke day prior) screened out in 5-6# ramp w/ 6426# of 20/40 sand placed in perfs open well to flowback @ 3 bpm recovered 30 ttls bbls RLS PKR and circ. Clean (A-1 5169-93) RIH ret. RBP POOH and set plug @ 4170' and set PKR @ 4062' Open well begin frac on stg.# 2 Zone screened out in 1-4# ramp w/ 4213# of 20/40 sand placed Open well Recovered 90 bbls RLS PKR RIH ret. RBP POOH w/ 110 jts. Of work string EOT @ 3883' SWIFN - Open well 0#fill tbg. (perfs broke day prior) screened out in 5-6# ramp w/ 6426# of 20/40 sand placed in perfs open well to flowback @ 3 bpm recovered 30 ttls bbls RLS PKR and circ. Clean (A-1 5169-93) RIH ret. RBP POOH and set plug @ 4170' and set PKR @ 4062' Open well begin frac on stg.# 2 Zone screened out in 1-4# ramp w/ 4213# of 20/40 sand placed Open well Recovered 90 bbls RLS PKR RIH ret. RBP POOH w/ 110 jts. Of work string EOT @ 3883' SWIFN - - - Flush TBG W/ 40 BBLS H2O, CONT TOOH Breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD

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Daily Cost: $0
Cumulative Cost: $38,130

1/31/2014 Day: 4 **Conversion**

WWS #5 on 1/31/2014 - L/D tools P/U RIH w/ inj. Pkr PT pkr and csg. (GOOD) - CK PRESS CSG VAC TBG VAC, LD 164 JTS 2 7/8 L-80 TBG, LD 5 1/2 RBP, RH 4' SUB, 5 1/2 PKR, PU & TIH W/ 2 3/8 RE Entry guide XN Nipple, 4' 2 3/8 tbg sub X-Over, 5 1/2 Arrow set-1 PKR, ON/OFF Tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad CIRC SV TO PSN, Test TBG To 3000# (GOOD) RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, RD floor & TBG Works Strip off 5000# bops, land TBG On B-1 Adaptor flange, Pump 50 BBLS Fresh H2O & PKR Fluid, Set 5 1/2 Arrowset-1 PKR W/ 15000# Tension @ 4065' PSN @ 4059' EOT @ 4075' Land TBG W/ B-1 Adaptor flange, NU Well head fill & test CSG to 1400 PSI, Leave PRESS Over night (FOLLOWING MORN. PRES. TEST GOOD RDSUMOL) - CK PRESS CSG VAC TBG VAC, LD 164 JTS 2 7/8 L-80 TBG, LD 5 1/2 RBP, RH 4' SUB, 5 1/2 PKR, PU & TIH W/ 2 3/8 RE Entry guide XN Nipple, 4' 2 3/8 tbg sub X-Over, 5 1/2 Arrow set-1 PKR, ON/OFF Tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad CIRC SV TO PSN, Test TBG To 3000# (GOOD) RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, RD floor & TBG Works Strip off 5000# bops, land TBG On B-1 Adaptor flange, Pump 50 BBLS Fresh H2O & PKR Fluid, Set 5 1/2 Arrowset-1 PKR W/ 15000# Tension @ 4065' PSN @ 4059' EOT @ 4075' Land TBG W/ B-1 Adaptor flange, NU Well head fill & test CSG to 1400 PSI, Leave PRESS Over night (FOLLOWING MORN. PRES. TEST GOOD RDSUMOL) - CK PRESS CSG VAC TBG VAC, LD 164 JTS 2 7/8 L-80 TBG, LD 5 1/2 RBP, RH 4' SUB, 5 1/2 PKR, PU & TIH W/ 2 3/8 RE Entry guide XN Nipple, 4' 2 3/8 tbg sub X-Over, 5 1/2 Arrow set-1 PKR, ON/OFF Tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad CIRC SV TO PSN, Test TBG To 3000# (GOOD) RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, RD floor & TBG Works Strip off 5000# bops, land TBG On B-1 Adaptor flange, Pump 50 BBLS Fresh H2O & PKR Fluid, Set 5 1/2 Arrowset-1 PKR W/ 15000# Tension @ 4065' PSN @ 4059' EOT @ 4075' Land TBG W/ B-1 Adaptor flange, NU Well head fill & test CSG to 1400 PSI, Leave PRESS Over night (FOLLOWING MORN. PRES. TEST GOOD RDSUMOL) - CK PRESS CSG VAC TBG VAC, LD 164 JTS 2 7/8 L-80 TBG, LD 5 1/2 RBP, RH 4' SUB, 5 1/2 PKR, PU & TIH W/ 2 3/8 RE Entry guide XN Nipple, 4' 2 3/8 tbg sub X-Over, 5 1/2 Arrow set-1 PKR, ON/OFF Tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad CIRC SV TO PSN, Test TBG To 3000# (GOOD) RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, RD floor & TBG Works Strip off 5000# bops, land TBG On B-1 Adaptor flange, Pump 50 BBLS Fresh H2O & PKR Fluid, Set 5 1/2 Arrowset-1 PKR W/ 15000# Tension @ 4065' PSN @ 4059' EOT @ 4075' Land TBG W/ B-1 Adaptor flange, NU Well head fill & test CSG to 1400 PSI, Leave PRESS Over night (FOLLOWING MORN. PRES. TEST GOOD RDSUMOL) - CK PRESS CSG VAC TBG VAC, LD 164 JTS 2 7/8 L-80 TBG, LD 5 1/2 RBP, RH 4' SUB, 5 1/2 PKR, PU & TIH W/ 2 3/8 RE Entry guide XN Nipple, 4' 2 3/8 tbg sub X-Over, 5 1/2 Arrow set-1 PKR, ON/OFF Tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad CIRC SV TO PSN, Test TBG To 3000# (GOOD) RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, RD floor & TBG Works Strip off 5000# bops, land TBG On B-1 Adaptor flange, Pump 50 BBLS Fresh H2O & PKR Fluid, Set 5 1/2 Arrowset-1 PKR W/ 15000# Tension @ 4065' PSN @ 4059' EOT @ 4075' Land TBG W/ B-1 Adaptor flange, NU Well head fill & test CSG to 1400 PSI, Leave PRESS Over night (FOLLOWING MORN. PRES. TEST GOOD RDSUMOL)

Daily Cost: $0
Cumulative Cost: $100,456

2/3/2014 Day: 5 **Conversion**

Rigless on 2/3/2014 - Conduct initial MIT - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1214 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.
Finalized
Daily Cost: $0
Cumulative Cost: $132,668

Pertinent Files: Go to File List

FEDERAL 13-9-9-16

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

Initial Production: 63 BOPD, 11 MCFD, 56 BWPD

Injection Wellbore Diagram

SURFACE CASING

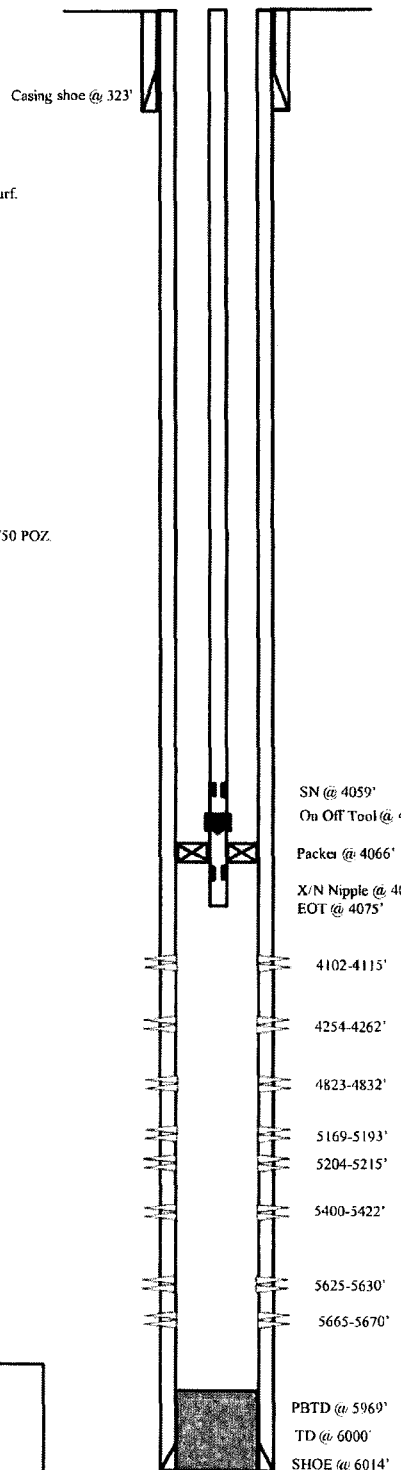
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (313.03')
DEPTH LANDED: 323.03' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 128 jts (4046.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4058.6' KB
ON/OFF TOOL AT: 4059.7'
ARROW #1 PACKER CE AT: 4066'
XO 2-3/8 x 2-7/8 J-55 AT: 4069.1'
TBG PUP 2-3/8 J-55 AT: 4069.6'
X/N NIPPLE AT: 4073.8'
TOTAL STRING LENGTH: EOT @ 4075.31'



FRAC JOB

05/25/07	5625-5670'	**Frac CP.5 & CP2 sands as follows:** 14942# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 2299 psi w/avg rate of 24.6 BPM. ISIP 2063 psi. Calc flush: 5623 gal. Actual flush: 5120 gal.
05/25/07	5400-5422'	**Frac LODC sands as follows:** 138714# 20/40 sand in 970 bbls Lightning 17 frac fluid. Treated @ avg press of 2903 psi w/avg rate of 24.7 BPM. ISIP 3560 psi. Calc flush: 5398 gal. Actual flush: 4893 gal.
05/25/07	5204-5215'	**Frac A3 sands as follows:** 55148# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 2274 psi w/avg rate of 24.6 BPM. ISIP 2052 psi. Calc flush: 5202 gal. Actual flush: 4696 gal.
05/25/07	4823-4832'	**Frac D2 sands as follows:** 50506# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.7 BPM. ISIP 2034 psi. Calc flush: 4821 gal. Actual flush: 4284 gal.
05/25/07	4254-4262'	**Frac GB4 sands as follows:** 13089# 20/40 sand in 202 bbls Lightning 17 frac fluid. Treated @ avg press of 1894 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4252 gal. Actual flush: 4200 gal.
2/24/09		**Tubing Leak.** Updated r & t details.
1/29/10		**Tubing Leak.** Updated rod and tubing detail.
8/1/2010		**Parted rods.** Updated rod and tubing detail
11/24/2010		**Parted rods.** Updated rod and tubing detail
5/20/11		**Tubing leak.** Updated rod and tubing detail.
01/28/14	**5169-5193'**	**Frac A1 sands as follows:** 40000# 20/40 sand in 338 bbls Lightning 17 frac fluid.
01/28/14	**4102-4115'**	**Frac A1 sands as follows:** 25000# 20/40 sand in 215 bbls Lightning 17 frac fluid.
01/29/14		**Convert to Injection Well**
01/31/14		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

05/14/07	5665-5670'	4 JSPF	20 holes
05/14/07	5625-5630'	4 JSPF	20 holes
05/25/07	5400-5422'	4 JSPF	88 holes
05/25/07	5204-5215'	4 JSPF	44 holes
05/25/07	4823-4832'	4 JSPF	36 holes
05/25/07	4254-4262'	4 JSPF	32 holes
01/24/14	5169-5193'	3 JSPF	72 holes
01/24/14	4102-4115'	3 JSPF	39 holes

NEWFIELD

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

LCN 02/06/14