



March 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: Federal 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
MAR 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

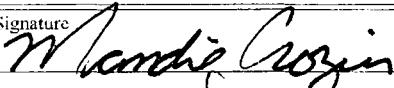
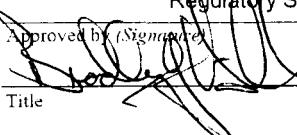
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	5. Lease Serial No. UTU-15855	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company	7. If Unit or CA Agreement, Name and No. N/A	
3a. Address Route #3 Box 3630, Myton UT 84052	8. Lease Name and Well No. Federal 2-24-9-16	
3b. Phone No. (include area code) (435) 646-3721	9. API Well No. 43-013-33083	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NE 595' FNL 2010' FEL 529807X 40.022016, At proposed prod. zone 4430410V -110.064784	10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 17.0 miles south of Myton, Utah	11. Sec., T., R., M., or Blk. and Survey or Area NW/NE Sec. 24, T9S R16E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 595' f/lease, NA' f/unit	16. No. of Acres in lease 1200.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1204'	19. Proposed Depth 5817'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5559' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 03-09-06
Title		

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)

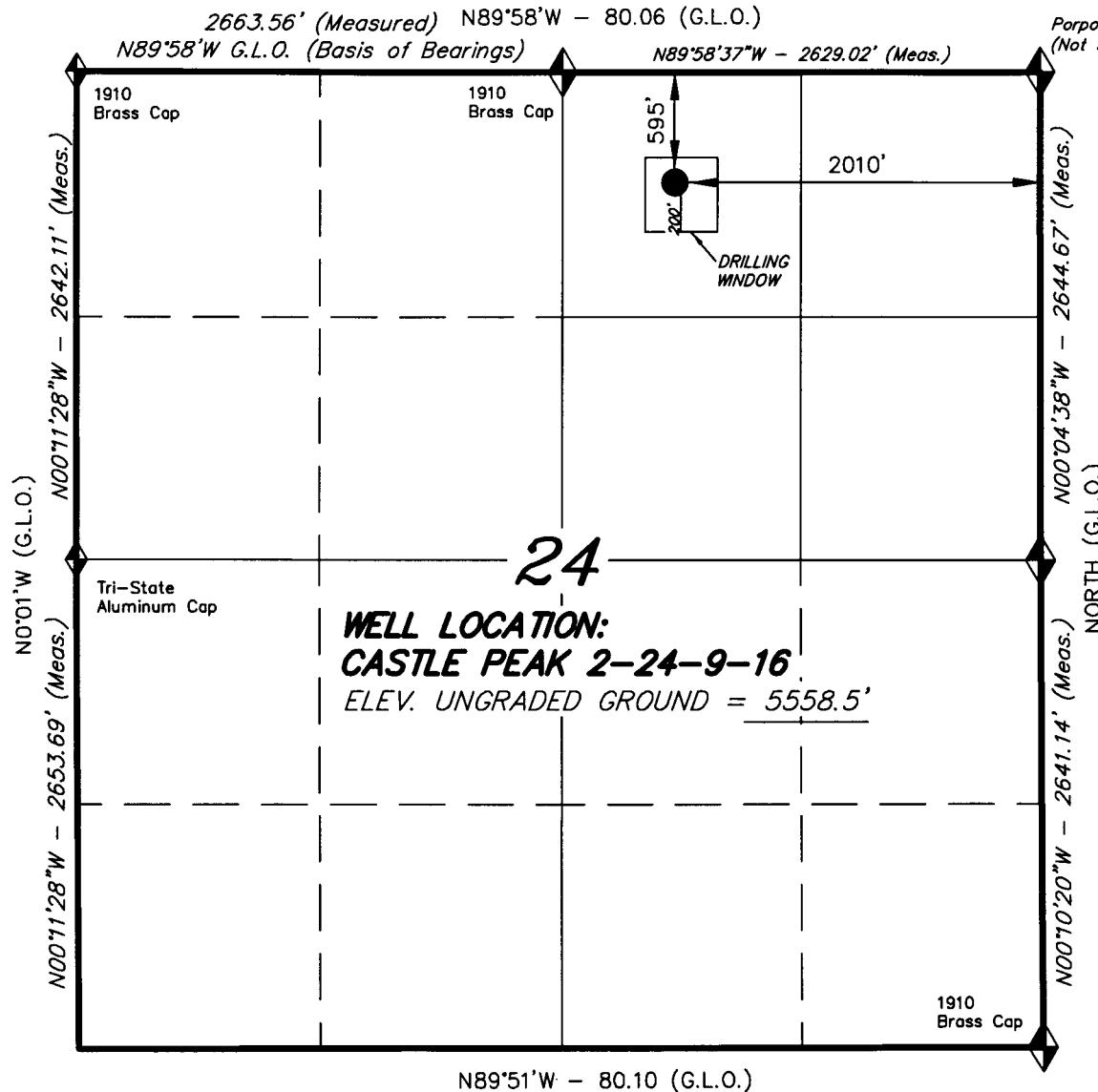
Federal Approval of this
Action is Necessary

RECEIVED
MAR 06 2006

DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



◆ = SECTION CORNERS LOCATED

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

CASTLE PEAK 2-24-9-16
(Surface Location) NAD 83

LATITUDE = 40° 01' 19.16"

LONGITUDE = 110° 03' 55.83"

WELL LOCATION, CASTLE PEAK
2-24-9-16, LOCATED AS SHOWN IN
THE NW 1/4 NE 1/4 OF SECTION 24,
T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



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

Stacy W. Stewart
STACY W.
REGISTRED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH
STATE OF UTAH

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

DATE SURVEYED: 1-31-06	SURVEYED BY: C.M.
DATE DRAWN: 2-16-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #2-24-9-16
NW/NE SECTION 24, T9S, R16E
DUCESNE 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'	-	2178'
Green River		2178'	
Wasatch		5817'	

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

Green River Formation 2178' - 5817' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #2-24-9-16
NW/NE SECTION 24, T9S, R16E
DUCESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #2-24-9-16 located in the NW 1/4 NE 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to its junction with an existing dirt road to the southwest; proceed southwesterly - 3.7 miles \pm to the proposed well location.

2. **PLANNED ACCESS ROAD**

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

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

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

5. **LOCATION AND TYPE OF WATER SUPPLY**

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

There will be no new access road proposed for this location. **Refer to Topographic Map "B".**

The proposed gas lines for the Federal #2-24-9-16 will tie into the existing pipeline infrastructure. **Refer to Topographic Map "C."**

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

Details of the On-Site Inspection

The proposed Federal #2-24-9-16 was on-sited on 11/30/05. The following were present: Shon McKinnon (Newfield Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

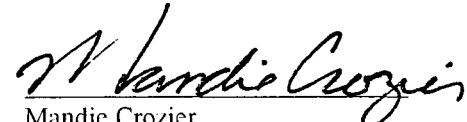
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-24-9-16 NW/NE Section 24, Township 9S, Range 16E: Lease UTU-15855 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.

3/3/06

Date

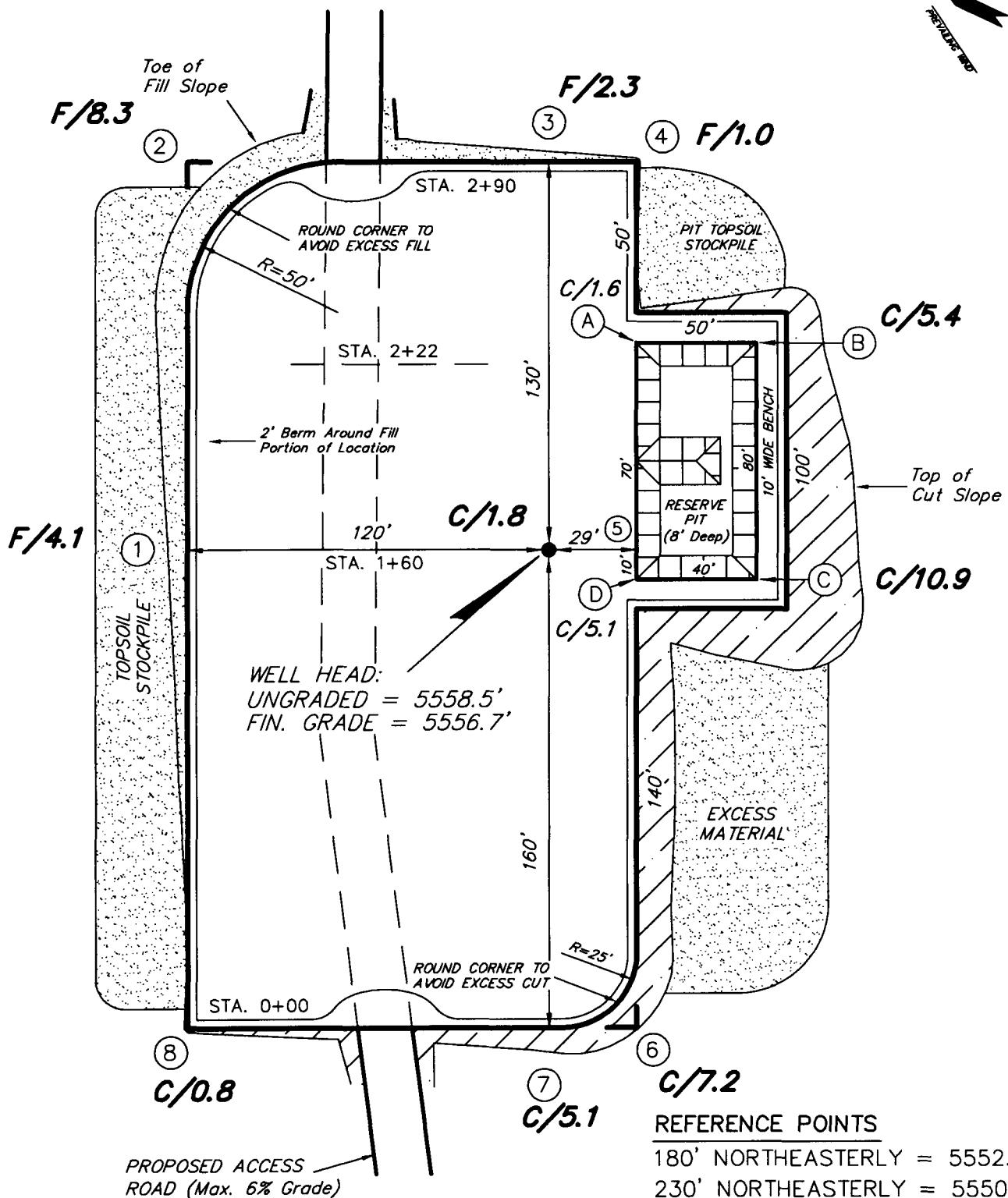
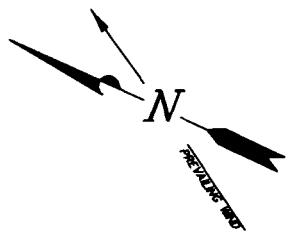


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 2-24-9-16

Section 24, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

- 180' NORTHEASTERLY = 5552.8'
- 230' NORTHEASTERLY = 5550.4'
- 170' NORTHWESTERLY = 5551.0'
- 220' NORTHWESTERLY = 5549.8'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-17-06

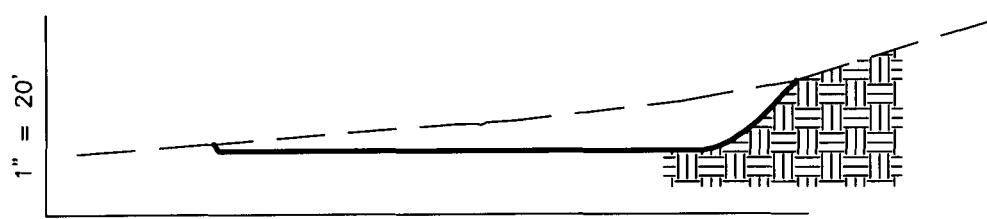
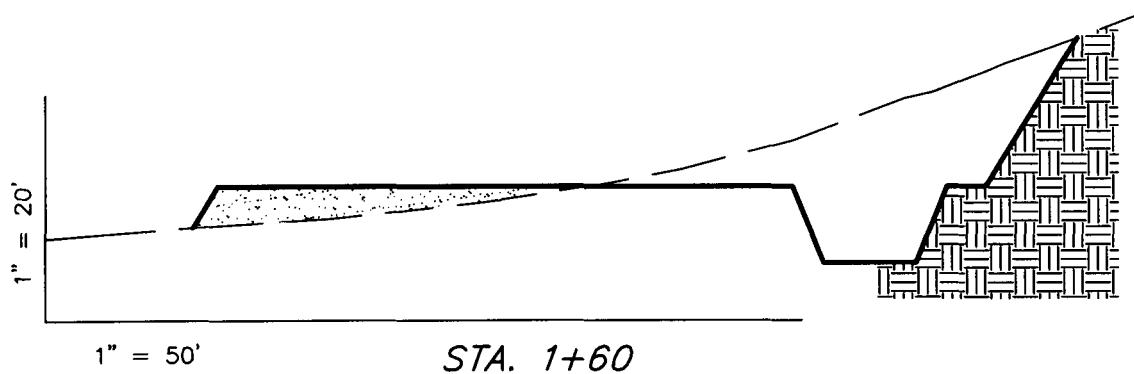
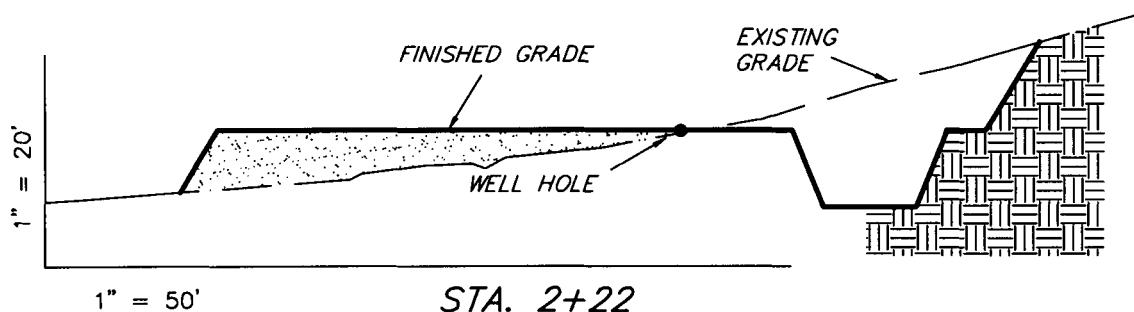
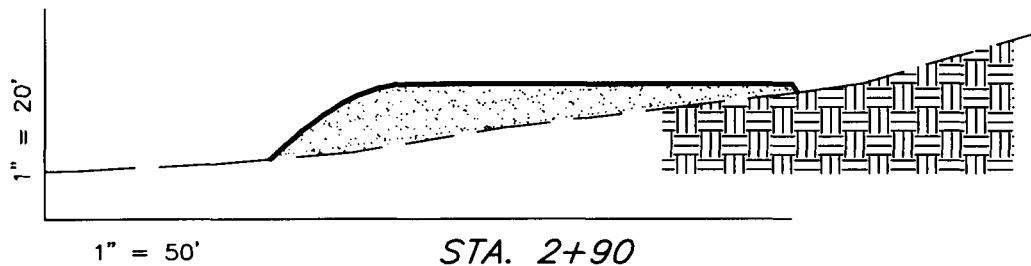
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 2-24-9-16



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

ESTIMATED EARTHWORK QUANTITIES				
(No Shrink or swell adjustments have been used)				
(Expressed in Cubic Yards)				
PAD	3,300	3,280	Topsoil is not included in Pad Cut	20
PIT	640	0		640
TOTALS	3,940	3,280	1,040	660

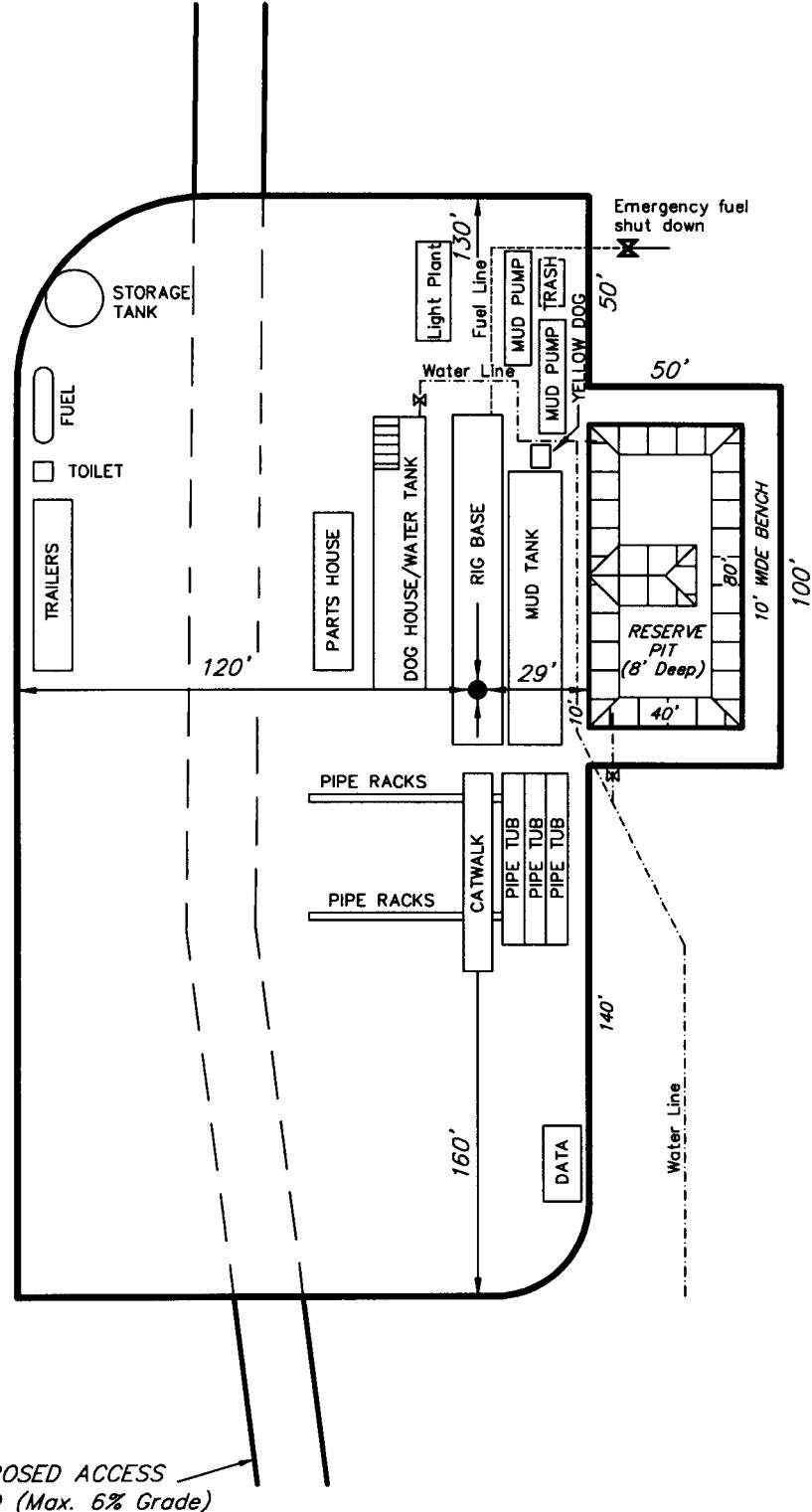
NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

SURVEYED BY: C.M. SCALE: 1" = 50'
DRAWN BY: M.W. DATE: 2-17-06

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
CASTLE PEAK 2-24-9-16



SURVEYED BY: C.M.

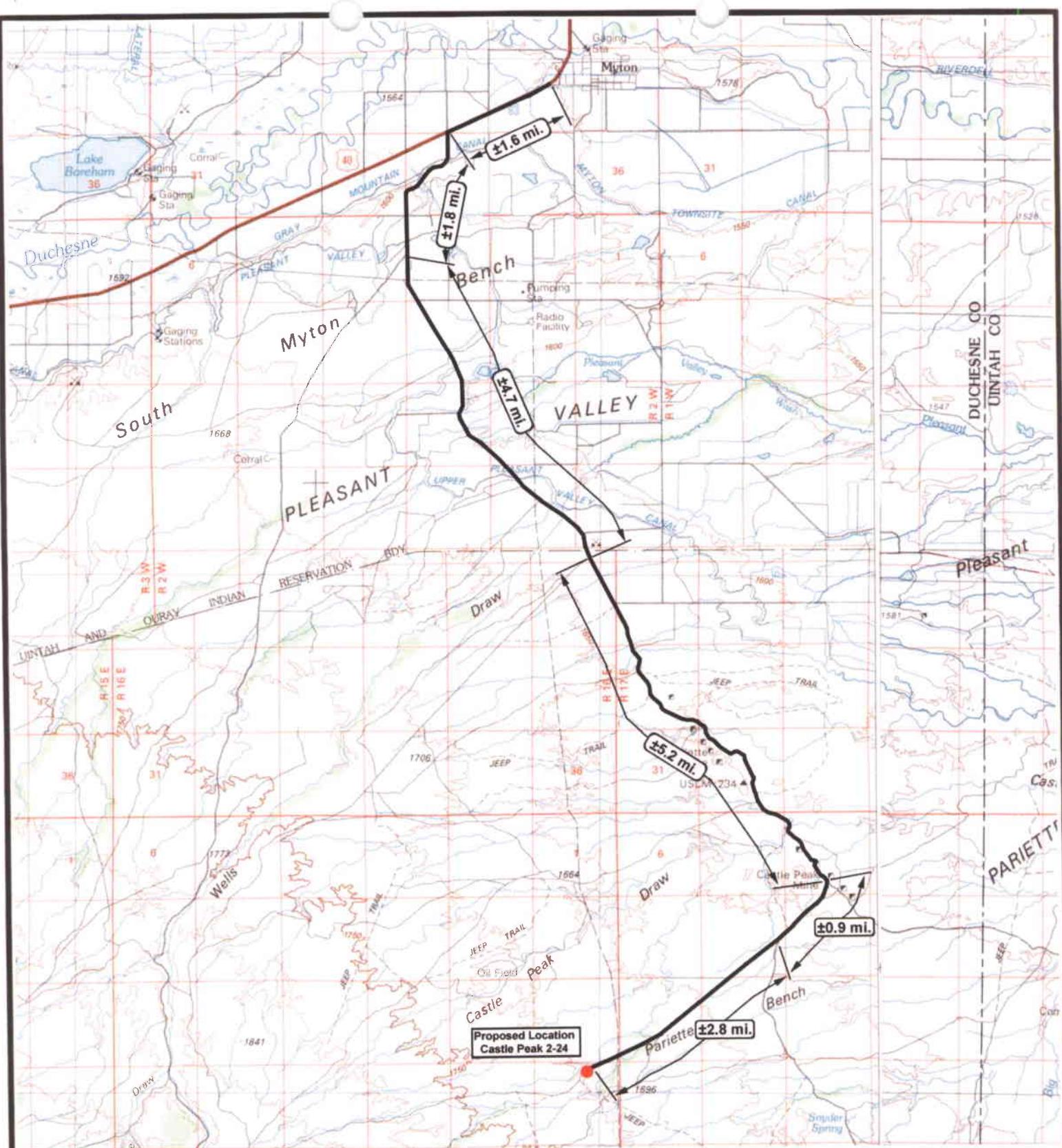
SCALE: 1" = 50'

(435) 781-2501

DRAWN BY: M.W.

DATE: 2-17-06

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

Castle Peak 2-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.

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



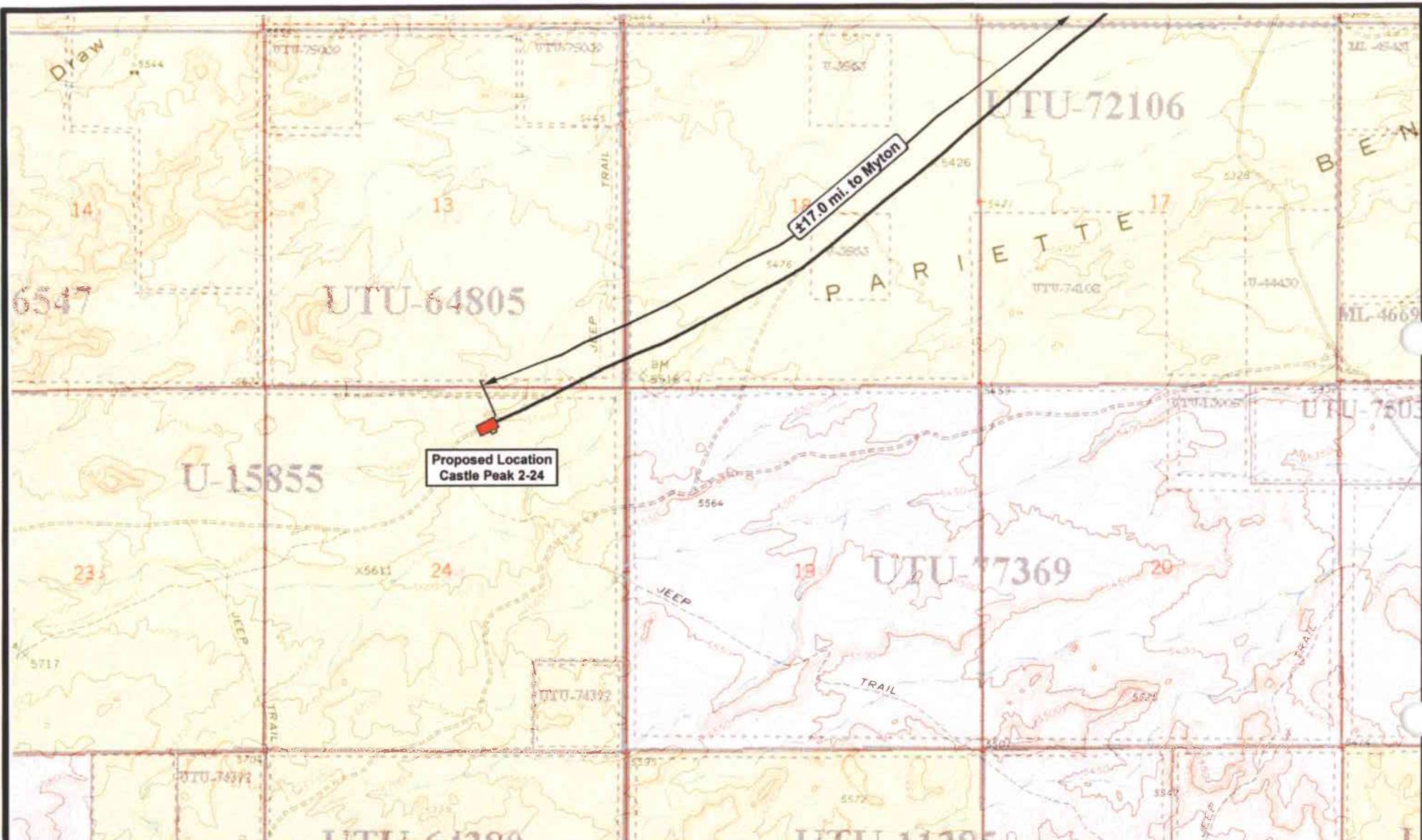
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 02-21-2006

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Castle Peak 2-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



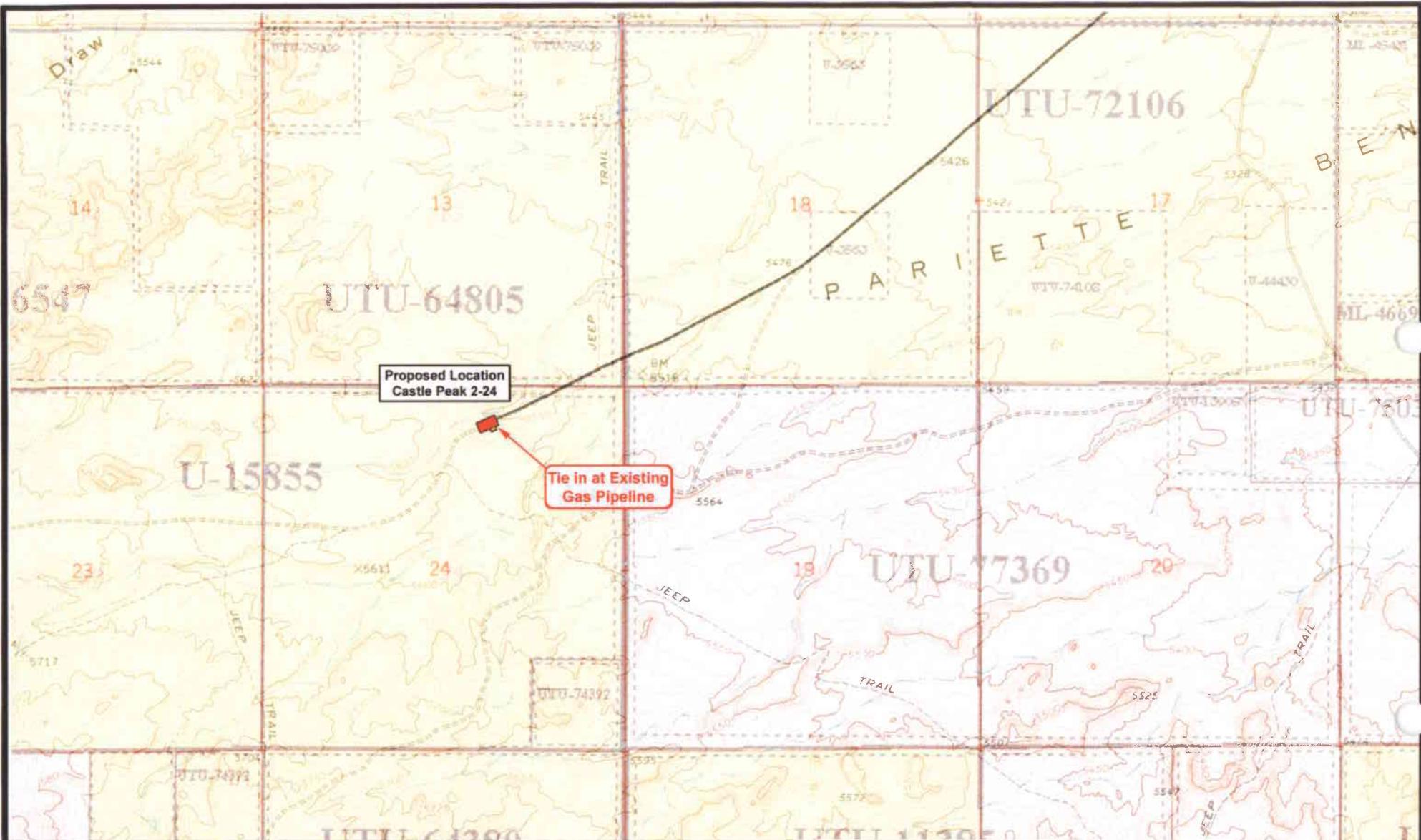
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-21-2006

Legend

Existing Road

"B"



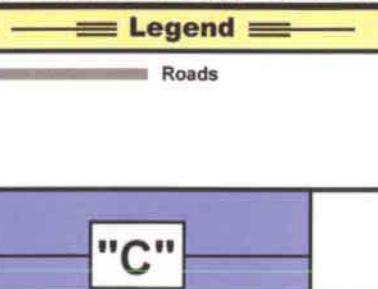
NEWFIELD
Exploration Company

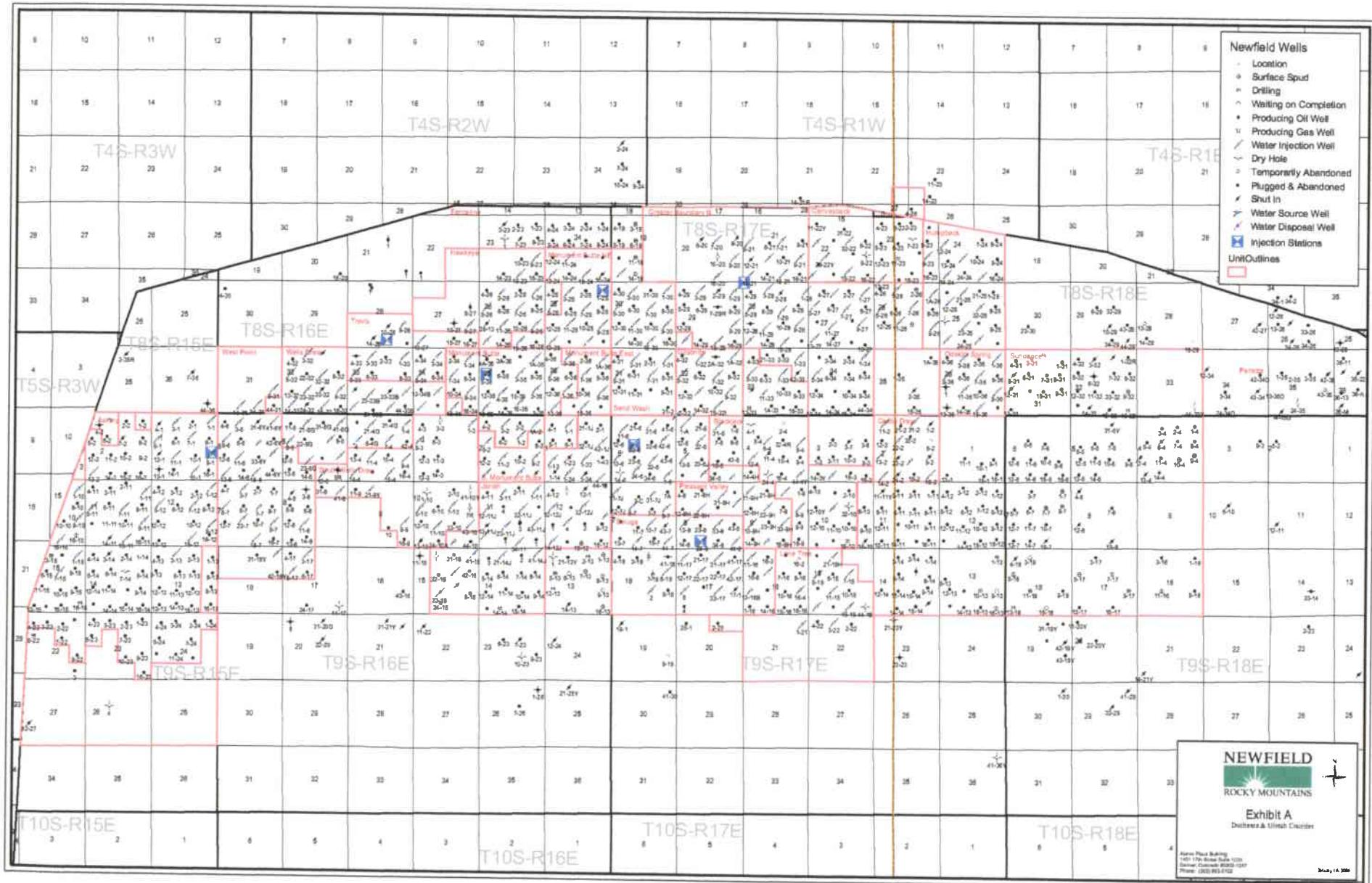
Castle Peak 2-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.

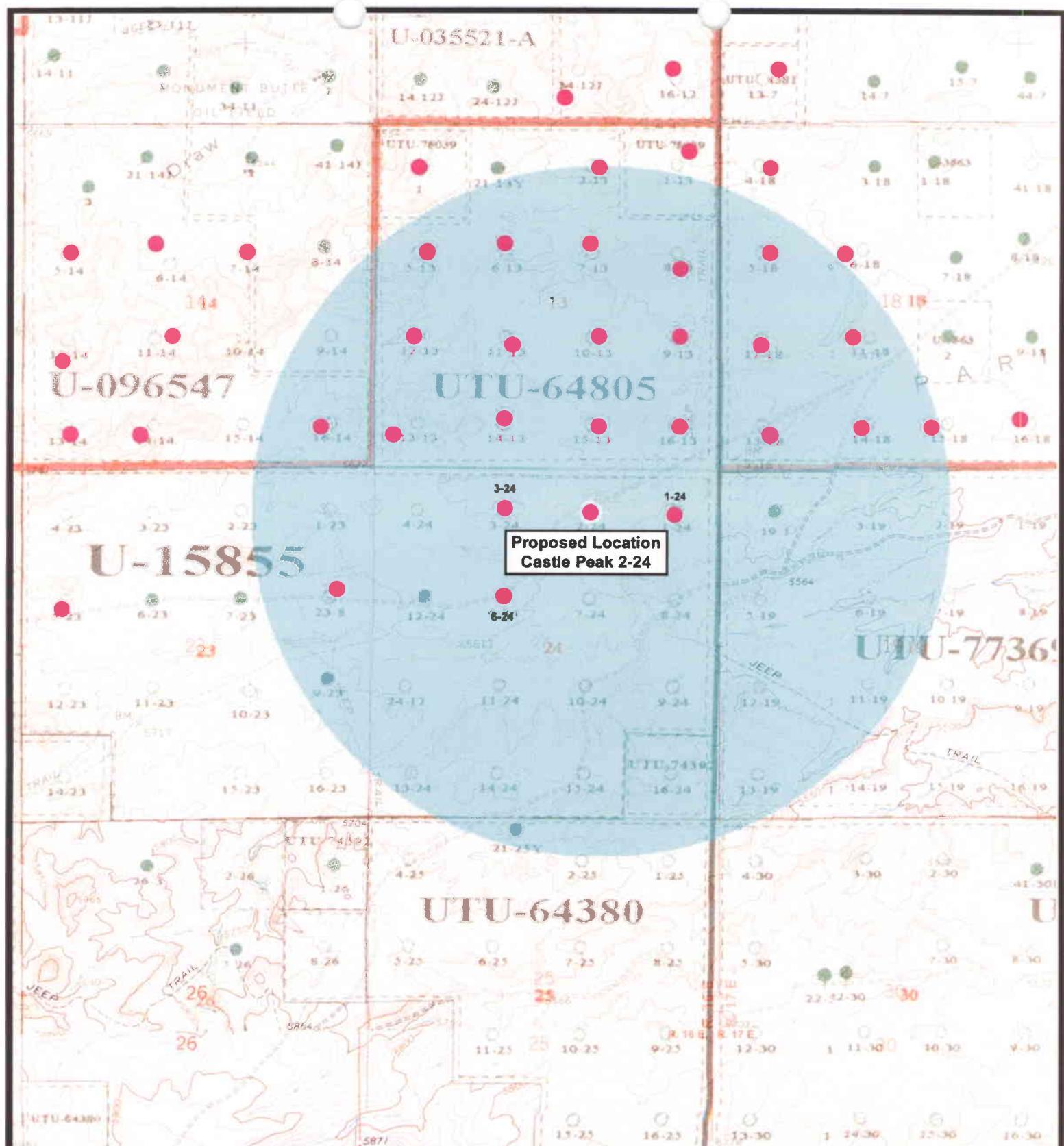


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-21-2006







NEWFIELD
Exploration Company

Castle Peak 2-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-21-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

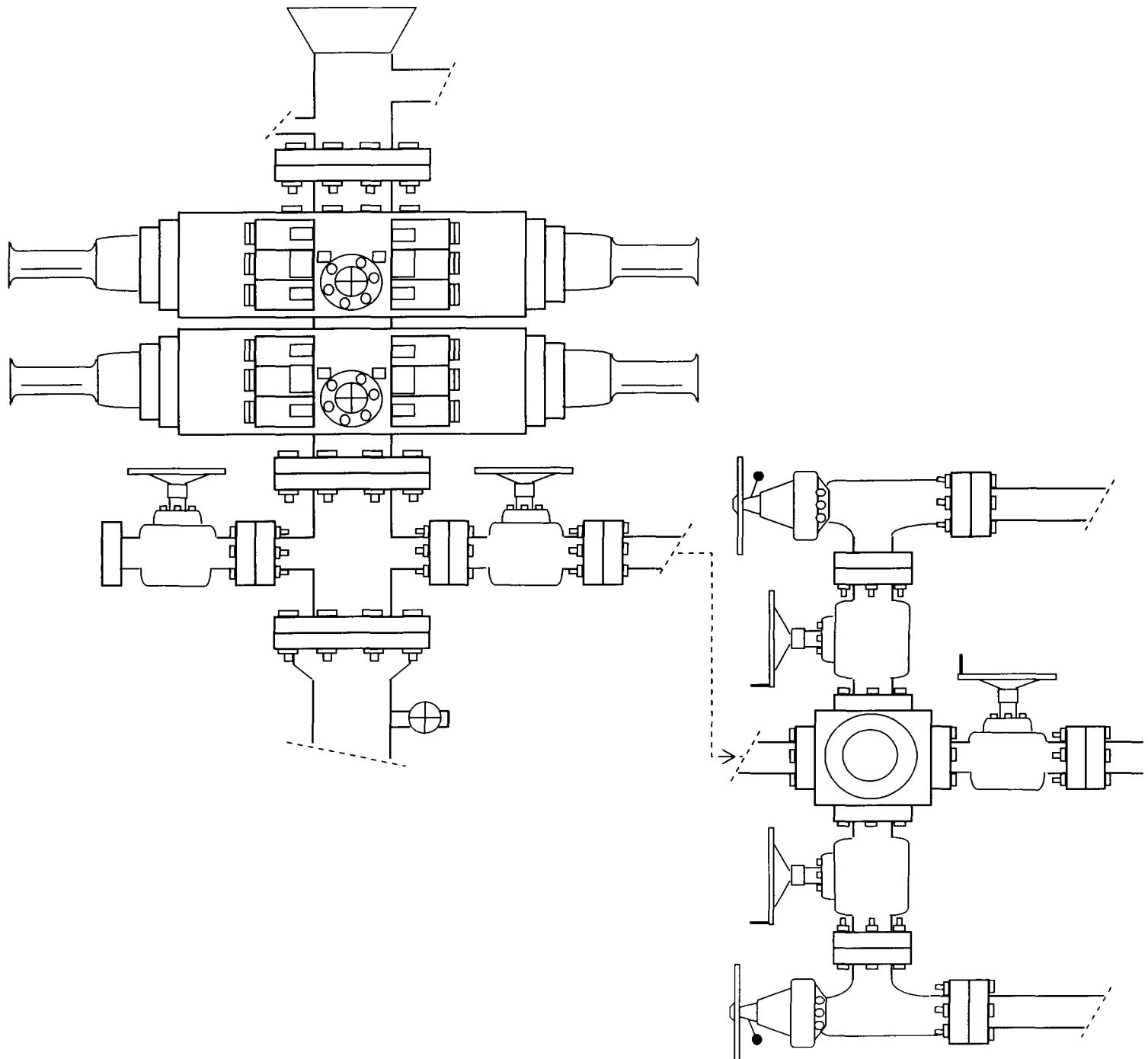


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,
DUCESNE COUNTY, UTAH

By:

Andre' Jendresen
and
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 05-270

September 7, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0831b

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 through 16-9-9-16]; 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: 03/06/2006

API NO. ASSIGNED: 43-013-33083

WELL NAME: FEDERAL 2-24-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNE 24 090S 160E
 SURFACE: 0595 FNL 2010 FEL
 BOTTOM: 0595 FNL 2010 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.02202 LONGITUDE: -110.0648
 UTM SURF EASTINGS: 579807 NORTHINGS: 4430410
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

PROPOSED FORMATION: GRRV

LEASE NUMBER: UTU-15855

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

____ R649-2-3.

Unit: _____

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

COMMENTS: _____

Sep. Separate file

STIPULATIONS: _____

1. Federal Approval
2. Spacing Order

JONAH FED
16-14-9-16
•

FEDERAL
13-13-9-16
•

JONAH (GR) UNIT

FEDERAL
14-13-9-16
•

FEDERAL
15-13-9-16
•

FEDERAL
16-13-9-16
•

BELUGA FED
13-18-9-17
•

T9S R16E

FEDERAL
1-23-9-16
•
FEDERAL
1-23

FEDERAL
4-24-9-16
•

FEDERAL
3-24
•
FEDERAL
3-24-9-16

FEDERAL
2-24-9-16
•

FEDERAL
1-24-9-16
•

FRED MORRIS
FED 19-1
•

FEDERAL
CASTLE 8-23-9-16
PEAK 8-23
FED 8-23
UTD FED
23-8

CASTLE PK
FED 12-24
•

FEDERAL
6-24-9-16
•

FEDERAL
7-24-9-16
•

FEDERAL
8-24-9-16
•

FEDERAL
9-23
•

UTD FED
24-12
•

FEDERAL
11-24
•

BLACK
GOLD I

24

MONUMENT BUTTE FIELD

FEDERAL
21-25Y•

FEDERAL
F-26
•

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

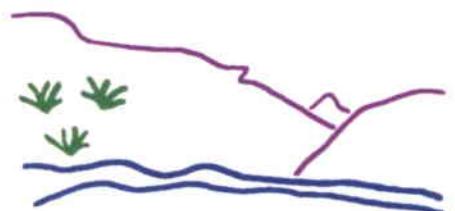
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

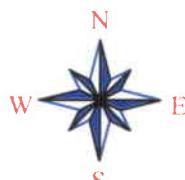
Field Status
■ ABANDONED
■ ACTIVE
■ COMBINED
■ INACTIVE
■ PROPOSED
■ STORAGE
■ TERMINATED

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 09-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 9, 2006

Newfield Production Company
Route #3, Box 3630
Myton, UT 84052

Re: Federal 2-24-9-16 Well, 595' FNL, 2010' FEL, NW NE, Sec. 24, 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 43-013-33083.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 2-24-9-16

API Number: 43-013-33083

Lease: UTU-15855

Location: NW NE

Sec. 24

T. 9 South

R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

MAR 06 2006

ENVIRONMENT, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER

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

2. Name of Operator

Newfield Production Company

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

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

9. API Well No.
43-013-33083

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

At surface NW/NE 595' FNL 2010' FEL

At proposed prod. zone

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/NE Sec. 24, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 17.0 miles south 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. 595' f/lse, NA' f/unit

16. No. of Acres in lease
1200.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, or on this lease, ft.
Approx. 1204'

19. Proposed Depth
5817'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5559' GL

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

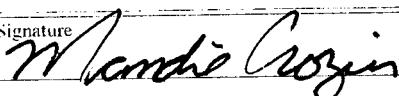
23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

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

25. Signature


Name (Printed/Typed)
Mandie Crozier

Date
3/3/06

Title
Regulatory Specialist

Approved by (Signature)


Name (Printed/Typed)
Jeery Kewell

Date
9-8-2006

Title
Assistant Field Manager
Lands & Mineral Resources

Office

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

SEP 15 2006

U.S. DEPARTMENT OF OIL, GAS & MINING

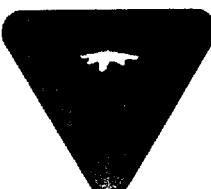
NO NOS

UDOGM



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 2-24-9-16
API No: 43-013-33083

Location: NWNE, Sec 24, T9S, R16E
Lease No: UTU-15855
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Charles Sharp	Office: 435-781-4486	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	

After Hours Contact Number: **435-781-4513**

		Office: 435-781-4490	Cell: 435-828-4470
		Office: 435-781-4432	Cell: 435-828-7875
		Office: 435-781-4502	Cell: 435-828-3913
		Office: 435-781-4475	Cell: 435-828-4029
		Office: 435-781-4484	
		Office: 435-781-4404	
		Office: 435-781-4476	
		Office: 435-781-4486	
		Office: 435-781-4441	
		Office: 435-781-4437	
		Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. The proposed action is in Golden eagle nesting habitat. According to the lease, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **February 1st through July 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from February 1st through July 15th a new survey for Golden eagle is needed with the exception request.
5. The proposed action is in Burrowing owl nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1st through August 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Burrowing owl is needed with the exception request.
6. Submit a ROW for road and pipelines.
7. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

8. 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.
9. The reserve pit will be lined with a 16 ml or greater liner.
10. 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.
11. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
12. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
13. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be “squeezed,” (filled with soil while still containing fluids) or “cut” (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
14. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

15. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
16. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
17. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
18. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
19. The boulders >3' found at the surface or above ground will be saved for final reclamation.
20. Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
21. Interim Reclamation (see below):
 - a. Where possible, strip six inches of topsoil from the location as shown on the cut sheet.

After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

b. Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesii</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre

- c. 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 re-contoured, then the area shall be seeded in the same manner as the topsoil.
- d. There shall be no primary or secondary noxious weeds in the seed mixture.
- e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- f. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- g. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

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

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

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

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

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

6. 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.
7. 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.

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

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

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

9. 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.

10. 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.
11. 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.
12. 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 (1/4 1/4, 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.
13. 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.
14. 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

15. 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.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 2-24-9-16

9. API Well No.

43-013-33083

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCESNE COUNTY, UT.

SUBMIT IN TRIPPLICATE					
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other					
2. Name of Operator NEWFIELD PRODUCTION COMPANY					
3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721					
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 595 FNL 2010 FEL NW/NE Section 24, T9S R16E					
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION			TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice			<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other Permit Extension	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water	
<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>					

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/9/06 (expiration 3/9/07).

This APD is not yet due to expire with the BLM.

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

Date: 03-06-07
By: Mandie Crozier

3-7-07
RM

RECEIVED
MAR 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

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: **43-013-33083**

Well Name: **Federal 2-24-9-16**

Location: **NW/NE Section 24, T9S R16E**

Company Permit Issued to: **Newfield Production Company**

Date Original Permit Issued: **3/9/2006**

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 

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

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

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

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

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

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


Signature

3/5/2007

Date

Title: Regulatory Specialist

RECEIVED

MAR 06 2007

Representing: Newfield Production Company

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
VERNAL FIELD OFFICE
2007 SEP 11 PM 1:24

DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

595 FNL 2010 FEL NW/NE Section 24, T9S R16E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 2-24-9-16

9. API Well No.

43-013-33083

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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 9/8/06 (expiration 9/8/07).

CONDITIONS OF APPROVAL ATTACHED

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

Signed

Mandie Crozier

Title

Regulatory Specialist

Date

9/7/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Mark Baker

Title

Petroleum Engineer

Date

SEP 1 2007

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

OCT 09 2007

DIV. OF OIL, GAS & MINING

UDOGM

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.

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 2-24-9-16
Location: NWNE Sec24-T9S-R16E

An extension for the referenced APD is granted with the following conditions:

-
1. The extension and APD shall expire on 09/08/08
 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **FEDERAL 2-24-9-16**

Api No: **43-013-33083** Lease Type: **FEDERAL**

Section **24** Township **09S** Range **16E** County **DUCHESENE**

Drilling Contractor **ROSS DRILLING** RIG # **21**

SPUDDED:

Date **10/11/07**

Time **1"30 PM**

How **DRY**

Drilling will Commence: _____

Reported by **JOHNNY DAVIS**

Telephone # **(435) 823-6310**

Date **10/12/07** Signed **CHD**

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3638
MYTON, UT 84052

OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12418	4301332997	WEST POINT FED 6-18-9-16	SENW	18	9S	16E	DUCHESNE	10/12/2007	10/17/07

WELL 5 COMMENTS:

GRNV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16413	4301333083	FEDERAL 2-24-9-16	NWNE	24	9S	16E	DUCHESNE	10/11/2007	10/17/07

GRNV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16414	4301333084	FEDERAL 3-24-9-16	NENW	24	9S	16E	DUCHESNE	10/13/2007	10/17/07

GRNV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	4301333282	LONE TREE FED 16-21-9-17	SESE	21	9S	17E	DUCHESNE	10/16/2007	10/17/07

GRNV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16241	4301332998	FEDERAL 12-18-9-16	NWSW	18	9S	16E	DUCHESNE	10/11/2007	10/17/07

WELL 5 COMMENTS: The Beluga Federal 12-18-9-17 was spudded on June 28, but this well was sent in GRNV by mistake, an entity number had been assigned before we caught my mistake

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

WELL 5 COMMENTS:

- 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 - new 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.

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OCT 17 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Production Clerk

10/17/07

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUNDY 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.FORM APPROVED
OMB No. 1004-0135
Expires January 31, 20041. Type of Well
 Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 840523b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

595 FNL 2010 FEL

NWNE Section 24 T9S R16E

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

8. Well Name and No.
Federal 2-24-9-169. API Well No.
430133308310. Field and Pool, or Exploratory Area
MONUMENT BUTTE11. County or Parish, State
DUCHESNE, UT

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

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

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

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

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

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

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

Mandie Crozier

Signature

Mandie Crozier

Title

Regulatory Specialist

Date

11/19/2007

Approved by

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

Title

Date

Office

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

(Instructions on reverse)

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NOV 21 2007

DIV. OF OIL, GAS & MINING

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

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 <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER	8. WELL NAME and NUMBER: Federal 2-24-9-16		
2. NAME OF OPERATOR:	NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 4301333083		
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:			COUNTY: DUCHESNE		

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 24, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/> <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/16/2007	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report

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

The above subject well was completed on 11/16/07, attached is a daily completion status report.

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DEC 19 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk
 SIGNATURE Tammi Lee DATE 12/14/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 2-24-9-16

9/1/2007 To 1/30/2008

11/1/2007 Day: 1

Completion

Rigless on 10/31/2007 - 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 @ 5665' & cement top @ 40'. Perforate stage #1. CP5 sds @ 5574-88' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. 136 BWTR. SIFN.

11/10/2007 Day: 2

Completion

Rigless on 11/9/2007 - RU BJ Services. 5 psi on well. Frac CP5 sds w/ 75,968#'s of 20/40 sand in 619 bbls of Lightning 17 fluid. Broke @ 3101 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1986 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2173 psi. Leave pressure on well. 755 BWTR RU Perforators WLT, mast & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 20' perf gun. Set plug @ 4070'. Perforate GB6 sds @ 3950- 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 80 shots (2 runs off mast). RU BJ Services. 1764 psi on well. Frac GB6 sds w/ 151,571#'s of 20/40 sand in 1011 bbls of Lightning 17 fluid. Broke @ 3707 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1593 psi @ ave rate of 23.1 BPM. ISIP 1775 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 1/2 hrs & died. Rec. 390 BTF. 1376 BWTR.

11/14/2007 Day: 3

Completion

NC #2 on 11/13/2007 - MIRU NC #2. Bleed off well. ND Weatherford 5000# BOPs & well head. NU 3000# Weatherford BOPs. SDFN.

11/15/2007 Day: 4

Completion

NC #2 on 11/14/2007 - PU 128- jts 2 7/8 j-55 6.5# tbg (tallying & drifting) from trailer w/ 4 3/4" chomp bit & tag fill @ 4060'. RU power swivel. Clean out to plug @ 4070' & drill up plug in 30 minutes. Circulate well clean. PU 47- jt 2 7/8 tbg & tag fill @ 5590', clean out to PBTD @ 5696'. Circulate well clean. RD power swivel. TOOH w/ 3- jts 2 7/8 tbg. SDFN.

11/16/2007 Day: 5

Completion

NC #2 on 11/15/2007 - Thaw tbg & csg valves. RU swab equipment. Made 16 swab runs w/ SFL @ surface & EFL @ 1400', w/ trace of oil, good show of gas & small trace of sand. Recovered 144 bbls fluid. RD swab equipment. TIH w/ tbg & tag fill @ 5685'. Clean out to PBTD @ 5696' & circulate well clean. LD 3- jts tbg & TOOH w/ 175- jts 2 7/8" tbg, LD BHA. Drain pump & pump lines. SDFN.

11/17/2007 Day: 6

Completion

NC #2 on 11/16/2007 - TIH w/ tbg as detailed below. RD rig floor. ND BOPs. Set TA @ 5555' w/ 16000# tension. NU wellhead. Flush tbg w/ 60 BW. PU & prime CDI 2 1/2" X 1 1/2" X 10' X 14' RHAC pump. PU rods from trailer as follows: 6- 1 1/2" weight rods, 20- 3/4" guided rods, 96- 3/4" plain rods, 100- 3/4" guided rods, 1-8', 2-6', 1-4', 2' X 3/4" pony rods, 1 1/2" X 26' polished rod. RU pumping unit. Fill tbg w/ 5 BW & test to 200 psi. Stroke test pump w/ unit to 800 psi (good test). RD pump & pump lines. RDMOSU. PWOP @ 5:00 PM w/ 76" SL & 5 SPM. Est 1446 BWTR. Final Report!

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL GAS
WELL DRY

Other _____

1b. TYPE OF WELL

NEW
WELL WORK
OVER DEEPEN PLUG
BACK DIFF
RESVR

Other _____

7. UNIT AGREEMENT NAME

Castle Peak

8. FARM OR LEASE NAME, WELL NO.

Federal 2-24-9-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33083

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

At top prod. Interval reported below

599' FSL & 2010' PML (NW/NE) Sec. 24, T9S, R16E
595' fm \ fsl11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 24, T9S, R16E

At total depth

14. API NO.

43-013-33083

DATE ISSUED

3/09/07

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUPPED

10/11/07

16. DATE T.D. REACHED

10/20/07

17. DATE COMPL. (Ready to prod.)

10/31/07

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

5559' GL

5571' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5750'

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

5665'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

Green River 3950'-5588'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322.48'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5734.24'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5622'	5555'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5574'-5588"	.49"	4/56	5574'-5588"	Frac w/ 75,968# 20/40 sand in 619 bbls fluid
(GB6) 3950'-3970'	.49"	4/80	3950'-3970'	Frac w/ 151,571# 20/40 sand in 1011 bbls fluid

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DEC 19 2007

DIV. OF OIL, GAS & MINING

33. * PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)
10/31/07	2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
10 day ave			---->	33	23	42	697

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

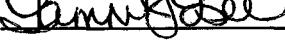
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

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 

TITLE Production Clerk

DATE 12/14/2007

Tammi Lee

TL

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			Well Name Federal 2-24-9-16	Garden Gulch Mkr	3427'		
				Garden Gulch 1	3651'		
				Garden Gulch 2	3748'		
				Point 3 Mkr	4019'		
				X Mkr	4262'		
				Y-Mkr	4298'		
				Douglas Creek Mkr	4419'		
				BiCarbonate Mkr	4654'		
				B Limestone Mkr	4764'		
				Castle Peak	5268'		
				Basal Carbonate	5698'		
				Total Depth (LOGGERS)	5746'		

NEWFIELD ENERGY



Well Name: Federal 2-24-9-16

Spud Date: 10-11-07

LOCATION: S24, T9S, R16E

TD: 5750'

COUNTY/STATE: Duchesne

CSG: 10-21-07

API: 43-013-33083

POP: 11-16-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/16/2007				1446				POP @ 5:00 P.M. w/ 76" SL @ 5 SPM. 1446 Total water to recover.
11/17/2007	14	0	70	1376	0	0	5	
11/18/2007	24	0	116	1260	0	0	5	
11/19/2007	24	0	60	1200	0	0	5	
11/20/2007	24	0	96	1104	0	5	5	
11/21/2007	24	0	64	1040	0	0	5	
11/22/2007	24	0	63	977	0	52	5	
11/23/2007	24	23	62	915	11	50	5	
11/24/2007	24	45	52	863	17	40	5	
11/25/2007	24	40	62	801	17	40	5	
11/26/2007	24	42	57	744	21	45	5	
11/27/2007	24	43	50	694	26	40	5	
11/28/2007	24	35	57	637	17	70	5	
11/29/2007	24	36	48	589	63	70	5	
11/30/2007	24	5	65	524	31	120	5	
12/1/2007	24	23	28	496	15	85	5	
12/2/2007	24	25	35	461	27	250	5	
12/3/2007	24	40	41	420	31	250	5	
12/4/2007	24	51	41	379	31	300	5	
12/5/2007	24	20	40	339	30	150	5	
12/6/2007	24	25	28	311	23	100	5	
12/7/2007	24	38	58	253	25	60	5	
12/8/2007	24	37	58	195	28	40	5	
12/9/2007	24	37	53	142	35	47	5	
12/10/2007	24	22	42	100	15	180	5	
12/11/2007	24	20	30	70	16	120	5	
12/12/2007	24	13	28	42	23	110	5	
12/13/2007	24	41	46	-4	29	65	5	
12/14/2007				-4				
12/15/2007				-4				
12/16/2007				-4				
12/17/2007				-4				
		661	1450		531			

17358

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 2-24-9-16	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330830000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0595 FNL 2010 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>The subject well has been converted from a producing oil well to an injection well on 10/17/2014. On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1634 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 20 psig during the test. There was a State representative available to witness the test - Bart Kettle.</p>			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 10/22/2014	

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 October 22, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: BART KETTLE DOLM **Date:** 10/21/14 **Time:** 12:45 **am** **pm**

Test Conducted by: EVERETT UNKNOWN

Others Present: _____

Well: FEDERAL 2-24-9-14

Field: Monument Butte

Well Location: NWNE SEC 24 T45 R16E **API No:** 43-013-33083
Duchesne County, UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>16030</u>	psig
5	<u>16033</u>	psig
10	<u>16034</u>	psig
15	<u>16034</u>	psig
20	<u>16034</u>	psig
25	<u>16034</u>	psig
30 min	<u>16034</u>	psig
35	<u> </u>	psig
40	<u> </u>	psig
45	<u> </u>	psig
50	<u> </u>	psig
55	<u> </u>	psig
60 min	<u> </u>	psig

Tubing pressure: 20 psig

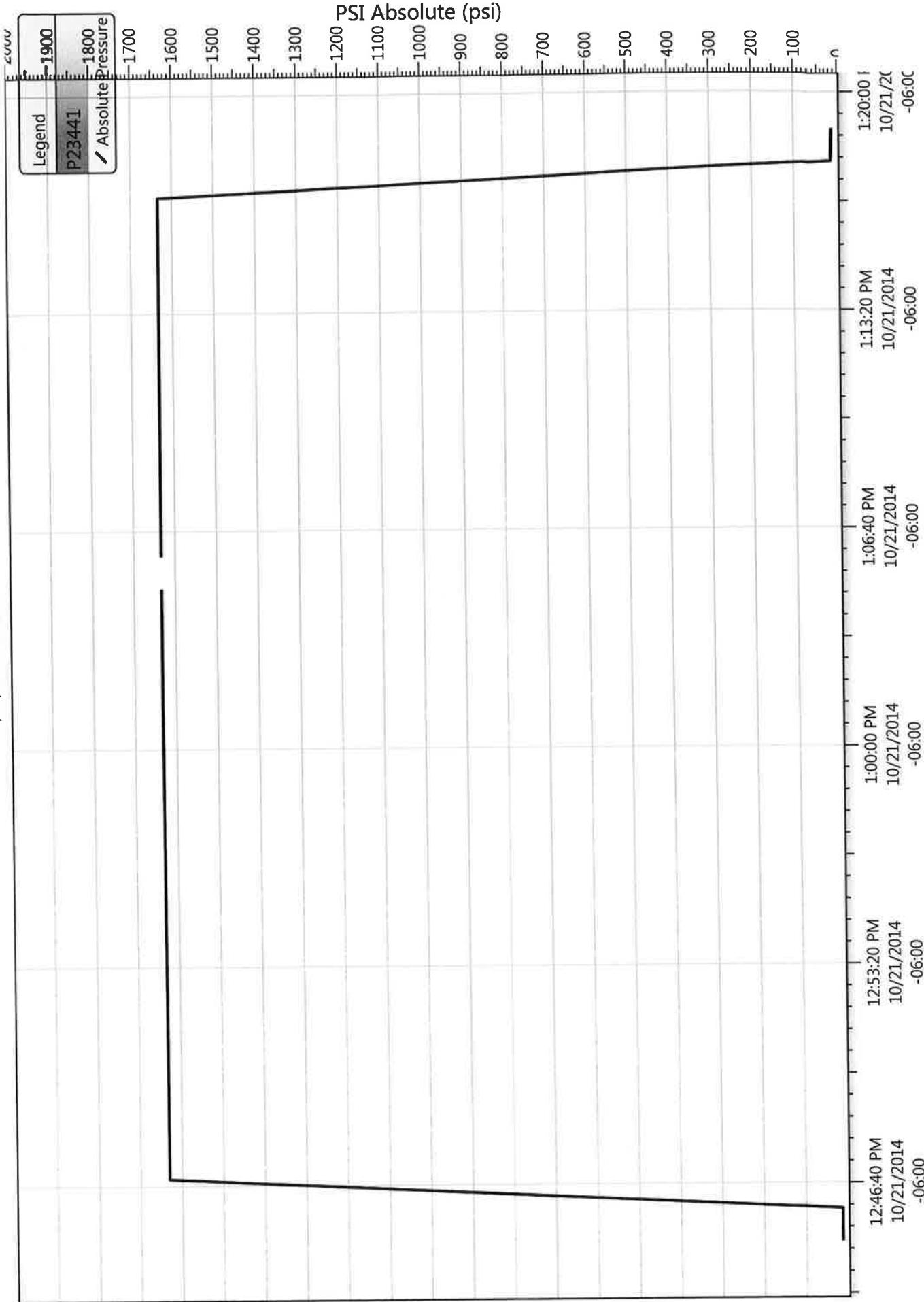
Result: Pass Fail

Signature of Witness:

Signature of Person Conducting Test: Everett Unknown

Federal 2-24-9-16 (10/21/2014, conv. MIT)

10/21/2014 12:44:13 PM



NEWFIELD



Well Name: Federal 2-24-9-16

Job Detail Summary Report

Jobs			
Primary Job Type	Report End Date	Job Start Date	Job End Date
Conversion	10/9/2014	10/9/2014	10/21/2014
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/9/2014	10/9/2014	MIRU	
Start Time	End Time	Comment	
Start Time	10:30	Road rig to location.	
Start Time	09:30	Comment	
Start Time	18:00	MIRU. Pump 50 bbls water @ 250 down csg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Soft seat rod pump. Fill tbg w/ 10 bbls water & pressure test tbg to 3000 psi. Good Test. TOH & LD on trailer w/ 100- 3/4 4per. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 40- 3/4 4per, 6- sinker bars & rod pump. X-over to tbg eq. ND wellhead. NU BOP's. RD rig floor.	
Start Time	18:00	Comment	
Report Start Date	Report End Date	24hr Activity Summary	
10/10/2014	10/10/2014	breaking tbg collars	
Start Time	End Time	Comment	
Start Time	05:30	c/travel.	
Start Time	06:00	Comment	
Start Time	07:00	Safety meeting	
Start Time	07:00	Comment	
Start Time	17:30	TOH w/ 40- its 2 7/8 tbg, breaking collars & applying liquid teflon dope. Flush tbg w/ 20 bbls water @ 250. Cont TOH w/ 40-jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. Flush tbg w/ 30 bbls water @ 250. Cont TOH w/ 40- its 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 54- its 2 7/8 tbg, TA, SN & NC. PU & TH w/ guide collar, x/n tbg sub, x/o, packer, on/off tool, sn & 120-jts 2 7/8 tbg. Pump 10 bbls water for STD valve pad. Drop STD valve. Fill tbg w/ 15 bbls fresh water & pressure test tbg to 3000 psi. Leave pressure on tbg over weekend. Send crew in to office to do timesheets. SDFD	
Start Time	17:30	Comment	
Report Start Date	Report End Date	24hr Activity Summary	
10/11/2014	10/11/2014	pressure testing tbg & csg.	
Start Time	End Time	Comment	
Start Time	05:30	c/travel.	
Start Time	06:00	Comment	
Start Time	07:00	Safety meeting	
Start Time	07:00	Comment	
Start Time	18:00	Pressure on tbg was 0 psi. Pumped tbg to 3000 psi. Pressure dropped to 2950 in 30 min. Tbg tested good. PU & RIH w/ sandline to fish STD valve. Operator was at 3800' in the hole w/ sandline when the sandline parted. Called HSC to splice sandline. ROH w/ sandline & STD Valve. Pump 60 bbls fresh water mixed w/ packer fluid down csg. Set packer @ 3884' w/ 15000 tension. Fill csg w/ bbls fresh water mixed w/ packer fluid & pressure test csg to 1500 psi. Leave pressure over night. SDFD	
Start Time	18:00	Comment	
Report Start Date	Report End Date	24hr Activity Summary	
10/14/2014	10/14/2014	testing csg & changing out sandline	
Start Time	End Time	Comment	
Start Time	05:30	c/travel.	
Start Time	06:00	Comment	
Start Time	07:00	Safety meeting	

NEWFIELD

Well Name: Federal 2-24-9-16

Job Detail Summary Report

Start Time	07:00	End Time	17:30	Comment Pressure on csg was 1570 psi. Called MIT to come out. MIT failed. Pressure started dropping 2 psi every 15 min. Pulled old sandline on rig & replaced it with 14500 ft new sandline. Watched csg pressure for 1 hr. Csg is losing 2 lb per 15 min. MIT failed. MIT will be back in the morning to test again. Left pressure on csg over night @ 1380 psi. SDFF
Start Time	17:30	End Time	18:00	Comment c/travel.
Start Time	18:00	End Time	18:00	Comment
Report Start Date	10/15/2014	Report End Date	10/15/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Comment c/travel
Start Time	06:00	End Time	07:00	Comment Safety meeting
Start Time	07:00	End Time	17:30	Comment Pressure on csg was 1280 psi. Pressure held for 30 min. MIT was on location @ 8:00AM. Wait on MIT. MIT failed. Bleed pressure off to get the air out of csg. Pressured csg up to 1500 psi. Csg dropped to 1480 psi in 30 min. Watch for 1 hr. Csg dropped to 1450 psi. Greased rig & did maintenance on rig. Leave pressure on csg over night. SDFF
Start Time	17:30	End Time	18:00	Comment travel.
Report Start Date	10/16/2014	Report End Date	10/16/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Comment c/travel
Start Time	06:00	End Time	07:00	Comment Safety meeting
Start Time	07:00	End Time	09:00	Comment SICP 1290psi (160psi Loss in 810Min), Open Tbg, Observ Csg Pressure,
Start Time	09:00	End Time	09:45	Comment NFX Wtr Service Rep Preformed MIT, 4psi Loss in 30Min FAILED TEST
Start Time	09:45	End Time	10:30	Comment Bleed Off Csg, ND Injection Tree, Function Test BOPS, NU BOPs, RU Workfloor
Start Time	10:30	End Time	15:00	Comment Release WFT PKR, POOH w/ 120-Jts B&D Collars & Redoping Pins, H/O Flushed Tbg w/ 40BW During Trip
Start Time	15:00	End Time	15:30	Comment XO WFT 5 1/2" Arrow Set PKR, 15:30: TH w/ 120-Jts
Start Time	15:30	End Time	16:00	Comment TH w/ 120-Jts,
Start Time	16:00	End Time	17:00	Comment PU 1-Jt (30.36") To Bring CE Past CSG Collar, H/O Pmped 10BW Drop S/Valv, RIH w/ S/Line to Seat S/Valv
Start Time	17:00	End Time	18:00	Comment 10BW to Fill Tbg, PT Tbg to 2990psi, Observ Pressure
Start Time	18:00	End Time	18:30	Comment 350psi Loss in 60Min, Repress to 2975psi
Start Time	18:30	End Time	19:00	Comment SWIFN w/ Pressure on Tbg...., 18:30 to 19:00 C/Trav
Report Start Date	10/17/2014	Report End Date	10/17/2014	24hr Activity Summary Test tbg & csg.



Job Detail Summary Report

24hr Activity Summary			
Report Start Date 10/21/2014	Report End Date 10/21/2014	Conduct MIT	End Time 12:45
Start Time 05:30	End Time 06:00	Comment c/travel.	
Start Time 06:00	End Time 07:00	Comment Safety meeting	
Start Time 07:00	End Time 16:00	Comment Pumped up pressure on tbg to 2980 psi. Watch for pressure loss. Pressure is dropping 20 psi every 15 min. Bleed off tbg. RIH w/ sandline & fish STD valve. Pump 10 bbls for STD valve. Drop STD valve & fill tbg w/ 15 bbls water. Pressure test tbg to 3000 psi. Watch for pressure loss. Pressure on tbg held for 1 hr. RIH w/ sandline & fish STD valve. ND BOP's. NU Injection tree. Pump 60 bbls fresh water mixed w/ pkr fluid down csg. Set pkr w/ 15000 lesion, CE @ 3917'. Fill csg w/ bbls fresh water mixed w/ pkr fluid & pressure test csg to 1500 psi. Pressure held good for 1 hr. MIT came to test csg. Good test. X-over to rod eq. RDMO	
Start Time 16:00	End Time 17:00	Comment Move rig to location. Send crew in to do time. SDFFD	
Start Time 17:00	End Time 17:30	Comment c/travel.	
Report Start Date 10/21/2014	Report End Date 10/21/2014	24hr Activity Summary	
Start Time 10/21/2014	End Time 13:15	Comment On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 20 psig during the test. There was a State representative available to witness the test - Bart Kettle.	

NEWFIELD

Schematic

Well Name: Federal 2-24-9-16

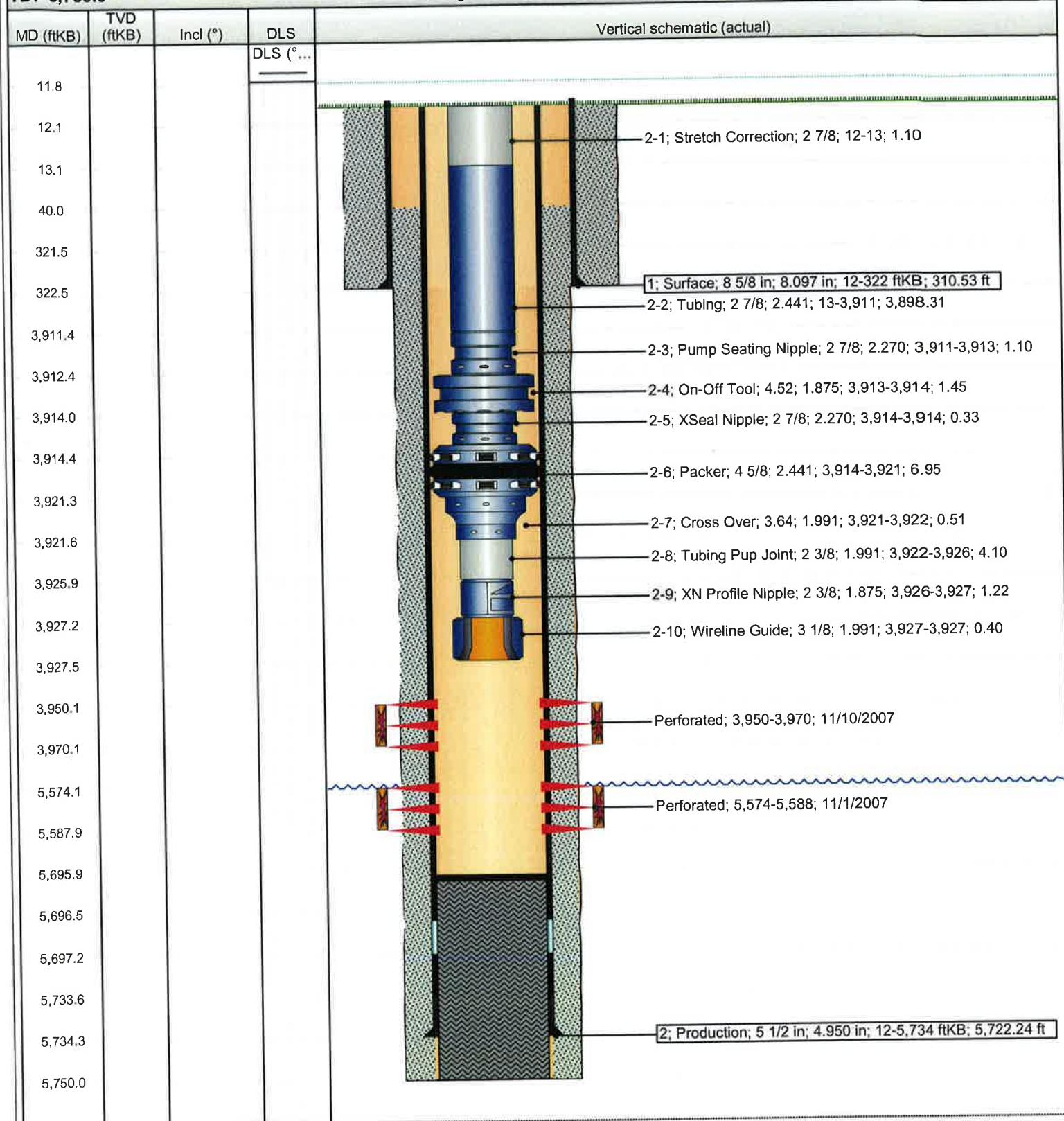
Surface Legal Location 24-9S-16E		API/UWI 43013330830000	Well RC 500157346	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCESNE
Spud Date 10/11/2007		Rig Release Date 10/21/2007	On Production Date 10/16/2007	Original KB Elevation (ft) 5,571	Ground Elevation (ft) 5,559	Total Depth All (TVD) (ftKB) Original Hole - 5,696.0	PBTD (All) (ftKB)

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/9/2014	Job End Date 10/21/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	----------------------------

TD: 5,750.0

Vertical - Original Hole, 10/22/2014 9:07:41 AM



NEWFIELD

Newfield Wellbore Diagram Data
Federal 2-24-9-16

Surface Legal Location 24-9S-16E		API/UWI 43013330830000	Lease
County DUCHESE	State/Province Utah	Basin Uintah Basin	Field Name GMBU CTB6
Well Start Date 10/11/2007	Spud Date 10/11/2007	Final Rig Release Date 10/21/2007	On Production Date 10/16/2007
Original KB Elevation (ft) 5,571	Ground Elevation (ft) 5,559	Total Depth (ftKB) 5,750.0	PBTD (All) (ftKB) Original Hole - 5,696.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/11/2007	8 5/8	8.097	24.00	J-55	322
Production	10/21/2007	5 1/2	4.950	15.50	J-55	5,734

Cement

String: Surface, 322ftKB 10/11/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 322.5	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#sk Cello-Flake	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,734ftKB 10/22/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 40.0	Bottom Depth (ftKB) 5,750.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB)

String: Production, 5,734ftKB 10/22/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 40.0	Bottom Depth (ftKB) 5,750.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB)

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	10/16/2014	3,927.5
Item Des	Jts	OD (in)
Stretch Correction	1	2 7/8
Tubing	121	2 7/8
Pump Seating Nipple	1	2 7/8
On-Off Tool	1	4.515
XSeal Nipple	1	2 7/8
Packer	1	4 5/8
Cross Over	1	3.635
Tubing Pup Joint	1	2 3/8
XN Profile Nipple	1	2 3/8
Wireline Guide	1	3 1/8
		ID (in)
		Wt (lb/ft)
		Grade
		Len (ft)
		Top (ftKB)
		Btm (ftKB)

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
2	GB6 Sands, Original Hole	3,950	3,970	4	120		11/10/2007
1	CP5 Sands, Original Hole	5,574	5,588	4	120		11/1/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,173	0.82	23.2	2,372			
1	2,173	0.82	23.2	2,372			
1	2,173	0.82	23.2	2,372			
1	2,173	0.82	23.2	2,372			
1	1,775	0.88	29.3	1,887			
1	1,775	0.88	29.3	1,887			
1	1,775	0.88	29.3	1,887			
1	1,775	0.88	29.3	1,887			

Proppant

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

NEWFIELD

Newfield Wellbore Diagram Data
Federal 2-24-9-16

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 2-24-9-16	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330830000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0595 FNL 2010 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 24 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2015	OTHER: <input type="text"/>		
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 10:30 AM on 01/21/2015 .			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 22, 2015			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 1/22/2015	



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-422

Operator: Newfield Production Company

Well: Federal 2-24-9-16

Location: Section 24, Township 9 South, Range 16 East

County: Duchesne

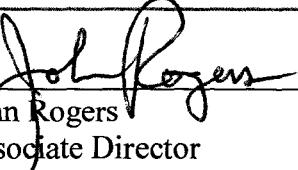
API No.: 43-013-33083

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 15, 2014.
2. Maximum Allowable Injection Pressure: 1,749 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,747' – 5,696')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

1-13-15
Date

JR/MLR/js

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

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



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

September 15, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 2-24-9-16, Section 24, Township 9 South, Range 16 East,
SLBM, Duchesne County, Utah, API Well # 43-013-33083

Newfield Production Company:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,747 feet in the Federal 2-24-9-16 well.

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

Sincerely,

John Rogers
Associate Director

JR/MLR/js

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

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

Applicant: Newfield Production Company

Well: Federal 2-24-9-16

Location: 24/9S/16E

API: 43-013-33083

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

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,734 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,686 feet or higher. A 2 7/8 inch tubing with a packer is proposed to be set at 3,900 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 (1/9/2015), based on surface locations, there are 9 producing wells and 9 injection wells in the AOR. Two of the producing wells are directionally drilled, surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there are 3 approved surface locations inside the AOR for directional wells to be drilled to bottom hole locations outside the AOR. All 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 1600 feet. Injection shall be limited to the interval between 3,747 feet and 5,696 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-24-9-16 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,749 psig. The requested maximum pressure is 1,749 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 2-24-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the

Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 5/20/2014 (revised 1/9/2015)

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

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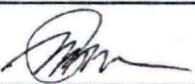
CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 RECEIVED JUN 11 2014 DIV OF OIL GAS & MINING	6/4/2014 42 → 397

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000962525 /
SCHEDULE	
Start 06/04/2014	End 06/04/2014
CUST. REF. NO.	
CAUSE NO. UIC-422	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-422 IN THE MATTER OF THE APPLICATION FOR DIVISION OF OIL, GAS AND MINING	
SIZE	
60 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGE
TOTAL CHARGE	
206.60	

AFFIDAVIT OF PUBLICATION

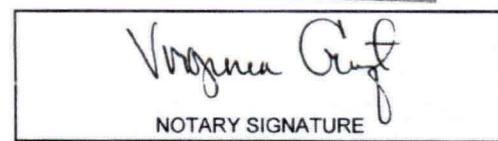
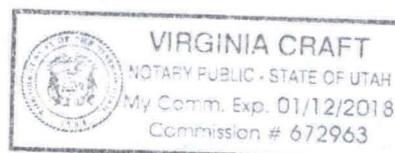
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-422 IN THE MATTER OF THE APPLICATION FOR DIVISION OF OIL, GAS AND 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. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 06/04/2014 End 06/04/2014

SIGNATURE 

DATE 6/4/2014

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WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

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DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 RECEIVED JUN 11 DIV OF OIL GAS & MINING	6/4/2014 42 → 397

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DIV OF OIL-GAS & MINING,			
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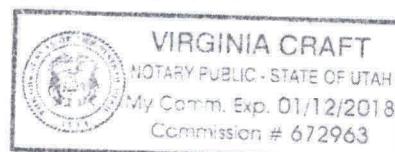
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SIGNATURE

DATE

6/4/2014

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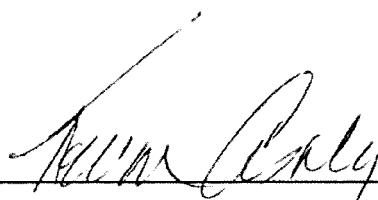
Virginia Craft
NOTARY SIGNATURE

20140604/6664/GR/16131

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 10 day of June, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of June, 20 14, 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.

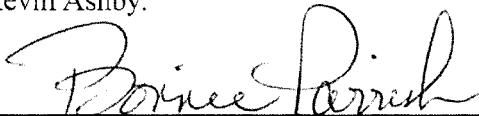


Publisher

Subscribed and sworn to before me on this

10 day of June, 20 14

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-422**

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 28th day of May, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING

Brad Hill
Permitting Manager

Published in the
Uintah Basin Standard June 10, 2014.

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCES, STATE
OF UTAH.
IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTION 24,
TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJEC-
TION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

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, tele-

phone 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 2-24-9-16 well located in NW/4 NE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33083

Federal 4-24-9-16 well located in NW/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33004

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-422

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP
9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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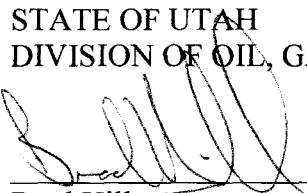
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Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

FEDERAL 2-24-9-16, FEDERAL 4-24-9-16

Cause No. UIC-422

Publication Notices were sent to the following:

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

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

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubslegals@ubmedia.biz

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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

Jean Sweet



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

June 3, 2014

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-422

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-422

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>
To: Jean Sweet <jsweet@utah.gov>

Thu, Jun 5, 2014 at 12:56 PM

On 6/3/2014 10:00 AM, 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

—

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

It will run June 10.

Thank you,
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 3, 2014

Via email: 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-422

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000962525-01

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 TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	Payor Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154

Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juilecarter@utah.gov	Jean	kstowe

Total Amount	\$206.60	Tear Sheets	Proofs	Affidavits
Payment Amt	\$0.00			
Amount Due	\$206.60	0	0	1

Payment Method	PO Number	CAUSE NO. UIC-422
-----------------------	------------------	--------------------------

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 60 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	6/4/2014	

Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	6/4/2014	

Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	6/4/2014	

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-422

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 28th day of May, 2014.

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

962525

UPAXLP

NEWFIELD



May 8, 2014

RECEIVED
MAY 09 2014
DIV. OF OIL, GAS & MINING

Newfield Exploration Company

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

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

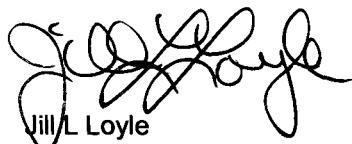
RE: Permit Application for Water Injection Well
Federal #2-24-9-16
Monument Butte Field, Lease #UTU-15855
Section 24-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #2-24-9-16 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,


Jill L. Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #2-24-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-15855
MAY 8, 2014

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #2-24-9-16
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ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #15-13-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #16-13-9-16
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ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 11/1/2007 – 11/17/2007
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number:	<u>Federal #2-24-9-16</u>							
Field or Unit name:	<u>Monument Butte (Green River)</u>						Lease No. <u>UTU-15855</u>	
Well Location: QQ	<u>NWNE</u>	section	<u>24</u>	township	<u>9S</u>	range	<u>16E</u>	county <u>Duchesne</u>

Is this application for expansion of an existing project? Yes [] No []

Will the proposed well be used for: Enhanced Recovery? Yes [] No []

Disposal? Yes [] No []

Storage? Yes [] No []

Is this application for a new well to be drilled? Yes [] No []

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No []

Date of test: _____

API number: 43-013-33083

Proposed injection interval: from 3747 to 5696

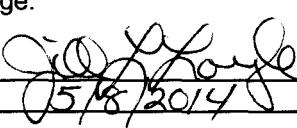
Proposed maximum injection: rate 500 bpd pressure 1749 psig

Proposed injection zone contains [] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.

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

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

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

Name: Jill L Loyle Signature 
Title Regulatory Associate Date 05/08/2014
Phone No. 303-383-4135

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

Comments:

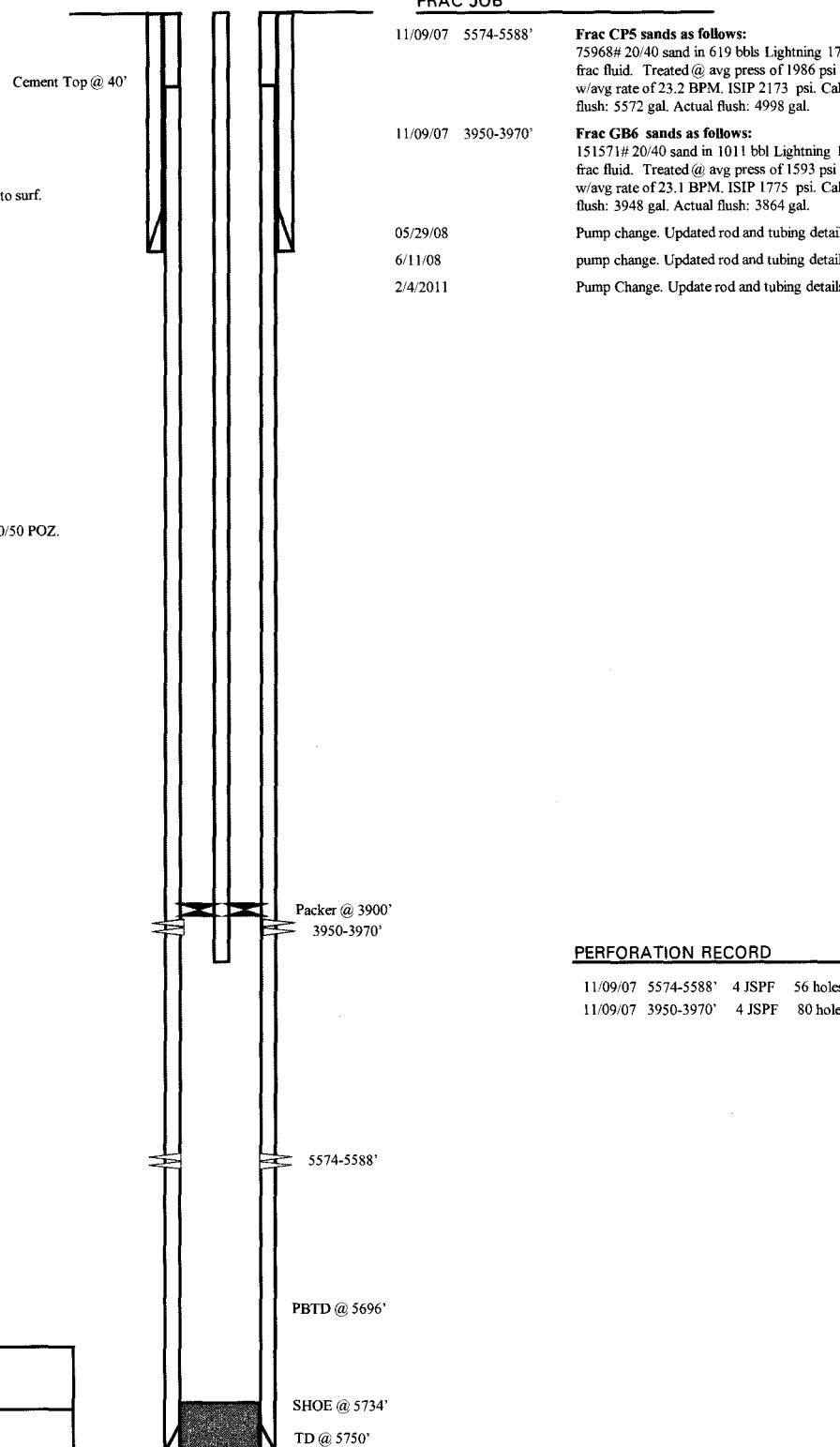
FEDERAL 2-24-9-16

Spud Date: 10/11/07
 Put on Production: 10/16/07
 GL: 5559' KB: 5571'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.63')
 DEPTH LANDED: 322.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1-160, sxs Class "G" cmt, est 4 bbls cmt to surf.

Proposed Injection Wellbore Diagram



NEWFIELD

FEDERAL 2-24-9-16

595' FNL & 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33083; Lease # UTU-15855

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Federal #2-24-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #2-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3747' - 5696'). 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 3426' and the TD is at 5750'.

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

The referenced log for the Federal #2-24-9-16 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-15855) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

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

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 5734' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

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

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1749 psig.

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

The minimum fracture gradient for the Federal #2-24-9-16, for existing perforations (3950' - 5588') calculates at 0.88 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 1749 psig. We may add additional perforations between 3426' and 5750'. See Attachments G and G-1.

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

In the Federal #2-24-9-16, the proposed injection zone (3747' - 5696') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-15.

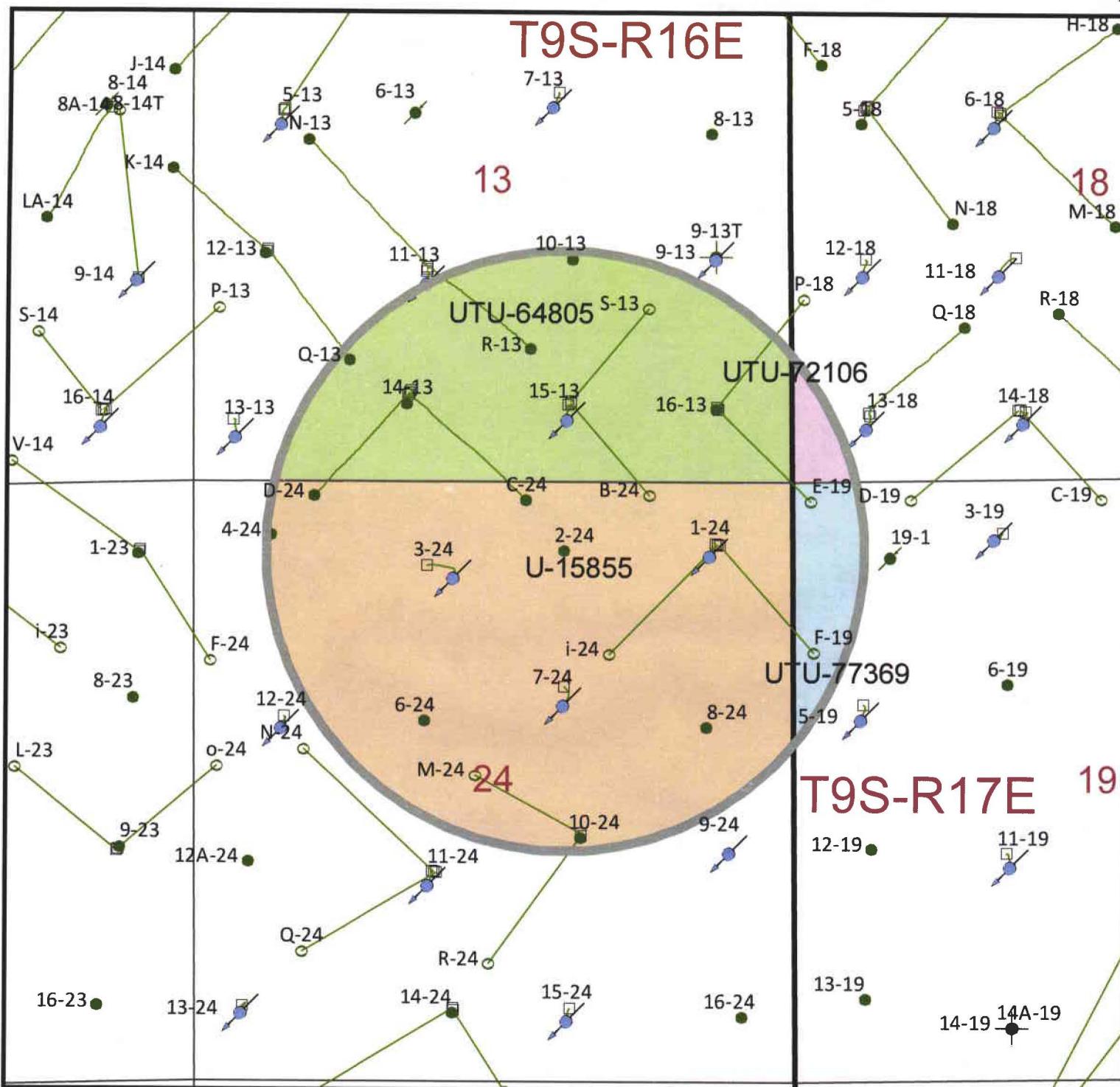
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

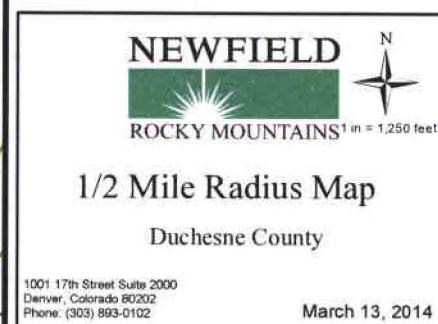
2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

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



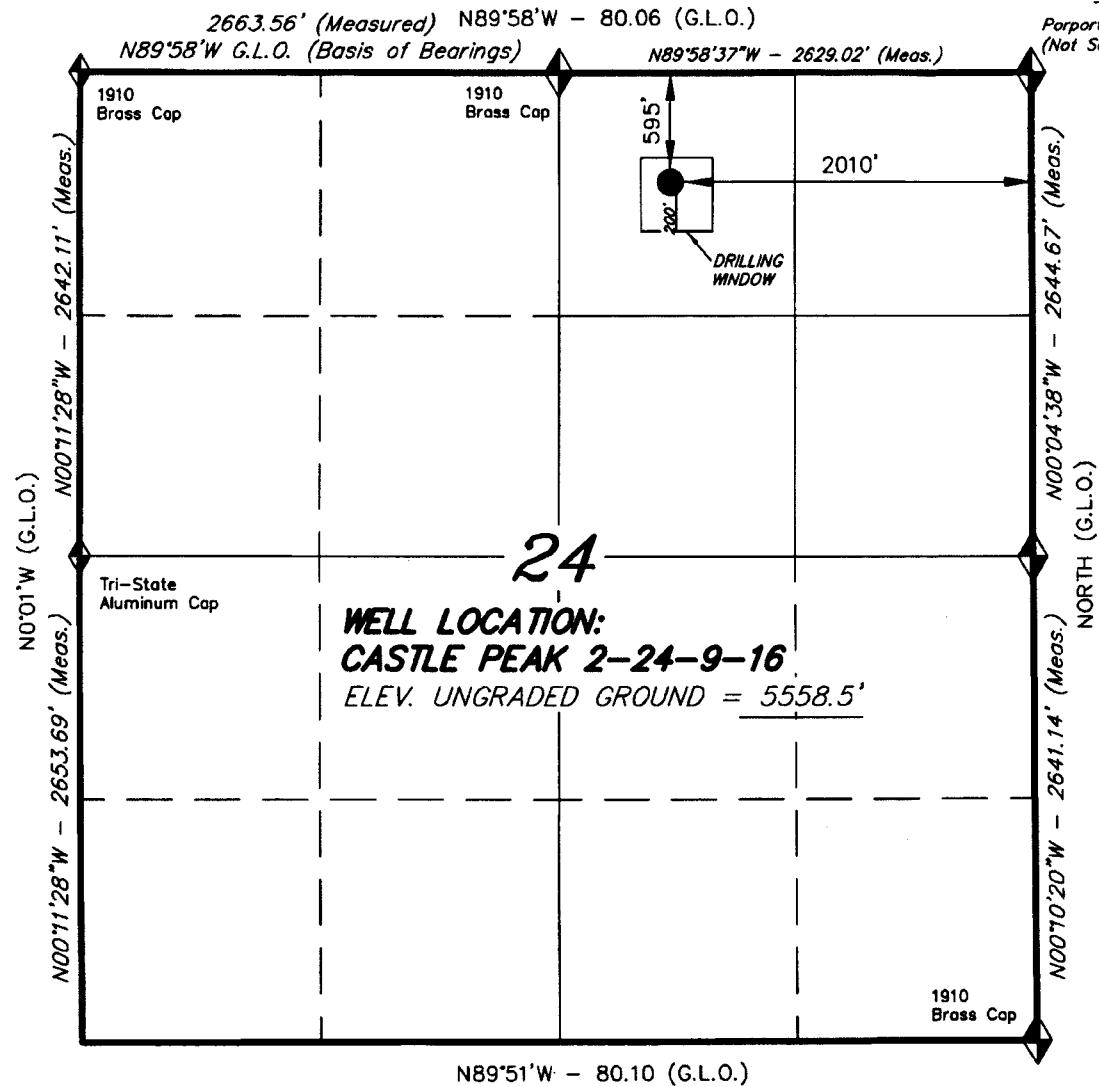
Lease Number	
U-15855	U-15855
UTU-64805	UTU-64805
UTU-72106	UTU-72106
UTU-77369	UTU-77369
Half-Mile Buffer	
Well Status	
○	Location
◐	Surface Spud
◎	Drilling
◐◑	Waiting on Completion
●	Producing Oil Well
★	Producing Gas Well
●◐	Water Injection Well
●◑	Water Disposal Well
●+●	Dry Hole
●◐◑	Temporarily Abandoned
●●	Plugged & Abandoned
●◐	Shut In
□	Well Surface Location

Castle Peak 2-24-9-16
Section 24, T9S-R16E



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

NEWFIELD PRODUCTION COMPANY

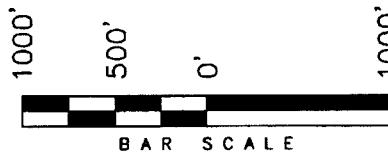


◆ = SECTION CORNERS LOCATED

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

CASTLE PEAK 2-24-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 19.16"
LONGITUDE = 110° 03' 55.83"

WELL LOCATION, CASTLE PEAK
2-24-9-16, LOCATED AS SHOWN IN
THE NW 1/4 NE 1/4 OF SECTION 24,
T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 1893770

Stacy W. Stewart
RECEIVED
STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 1893770
STATE OF UTAH
STATE OF UTAH

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

DATE SURVEYED: 1-31-06	SURVEYED BY: C.M.
DATE DRAWN: 2-16-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
2	T9S-R16E SLM Section 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	<i>R17E</i> T9S- R16E SLM Section 7; E2SW, SE Section 17: N2, W2SE Section 18: NENE, S2NE, E2W2, NESE, S2SE Lots 1-4	USA UTU-72106 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<i>R17E</i> T9S- R16E SLM Section 19: All Section 20: S2NE, W2, SE	USA UTU-77369 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #2-24-9-16

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

Signed: 
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 8th day of May, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

ATTACHMENT E

FEDERAL 2-24-9-16

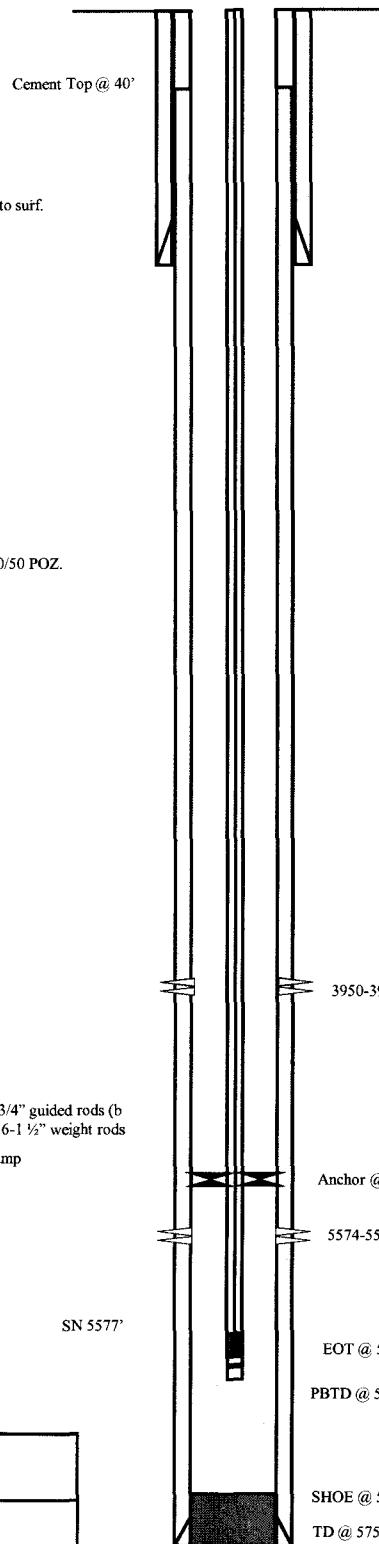
Spud Date: 10/11/07
Put on Production: 10/16/07

GL: 5559' KB: 5571'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.63')
DEPTH LANDED: 322.48' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1-160, sxs Class "G" cmt, est 4 bbls cmt to surf.

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

11/09/07	5574-5588'	Frac C PS sands as follows: 75968# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 23.2 BPM. ISIP 2173 psi. Calc flush: 5572 gal. Actual flush: 4998 gal.
11/09/07	3950-3970'	Frac GB6 sands as follows: 151571# 20/40 sand in 1011 bbl Lightning 17 frac fluid. Treated @ avg press of 1593 psi w/avg rate of 23.1 BPM. ISIP 1775 psi. Calc flush: 3948 gal. Actual flush: 3864 gal.
05/29/08		Pump change. Updated rod and tubing detail
6/11/08		pump change. Updated rod and tubing detail
2/4/2011		Pump Change. Update rod and tubing details.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (5720.99')
DEPTH LANDED: 5734.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 40'

TUBING

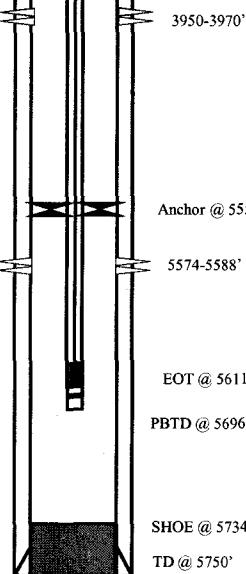
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5543.7')
TUBING ANCHOR: 5555.65' KB
NO. OF JOINTS: 1 jts (30.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5577.4' KB
NO. OF JOINTS: 1 jts (31.6')
2 7/8" NC (.45")
TOTAL STRING LENGTH: EOT @ 5611' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-8", 2-12", 1-2", 2-6" x 3/4" pony rods, 100-3/4" guided rods (b
grd), 76-3/4" plain rods (b grd), 20-3/4" guided rods (a grd), 6-1 1/2" weight rods
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12" x 16' RHAC rod pump
STROKE LENGTH: 76"
PUMP SPEED, 4.5 SPM:

PERFORATION RECORD

11/09/07	5574-5588'	4 JSPF	56 holes
11/09/07	3950-3970'	4 JSPF	80 holes



NEWFIELD

FEDERAL 2-24-9-16

595' FNL & 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33083; Lease # UTU-15855

NEWFIELD

Schematic

Well Name: Federal 10-13-9-16

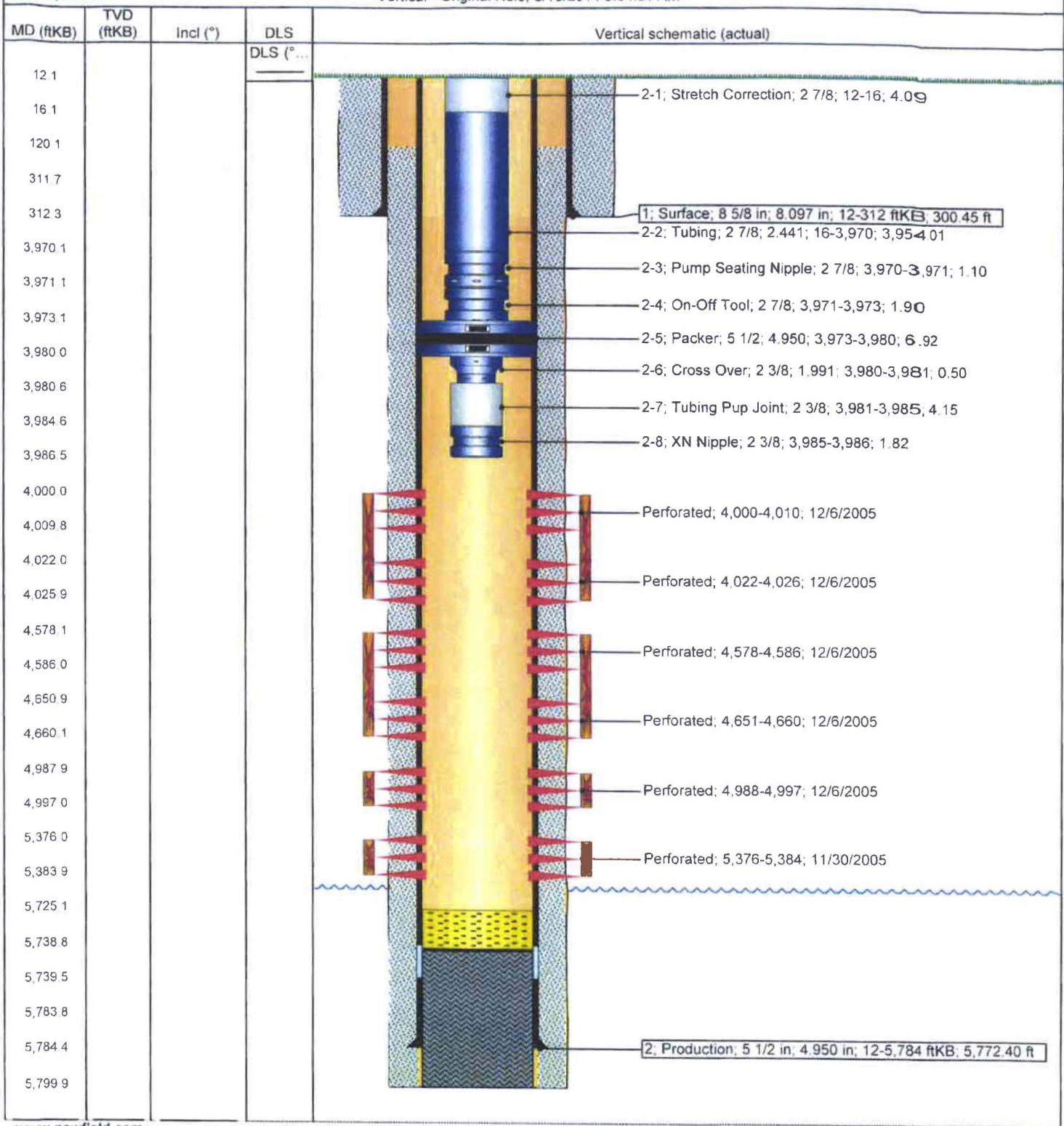
Surface Legal Location 13-9S-16E	API/UWI 43013326530000	Well RC 500151402	Lease	State/Province Utah	Field Name GMBU CT 85	County DUCHESNE
Spud Date 10/26/2005	Rig Release Date 11/13/2005	On Production Date 12/12/2005	Original KB Elevation (ft) 5,531	Ground Elevation (ft) 5,519	Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,738.9	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 8/5/2014	Job End Date 8/12/2014
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TD: 5,800.0

Vertical - Original Hole, 8/13/2014 9:04:31 AM



ATTACHMENT E-2

Federal 11-13-9-16

Spud Date: 10/31/05

Put on Production: 12/14/05

GL: 5444' KB:5454'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (296.83')

DEPTH LANDED: 306.83' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf.

Cement Top @ 34'

Casing shoe @ 307'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5791.7')

DEPTH LANDED: 5789.7' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Prem. Lite II mixed & 450 sx 50/50 POZ mix.

CEMENT TOP AT: 34'

TUBING

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

NO. OF JOINTS: 122 jts (3950.3')

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

SN LANDED AT: 3960.3' KB

X NIPPLE AT: 3961.4'

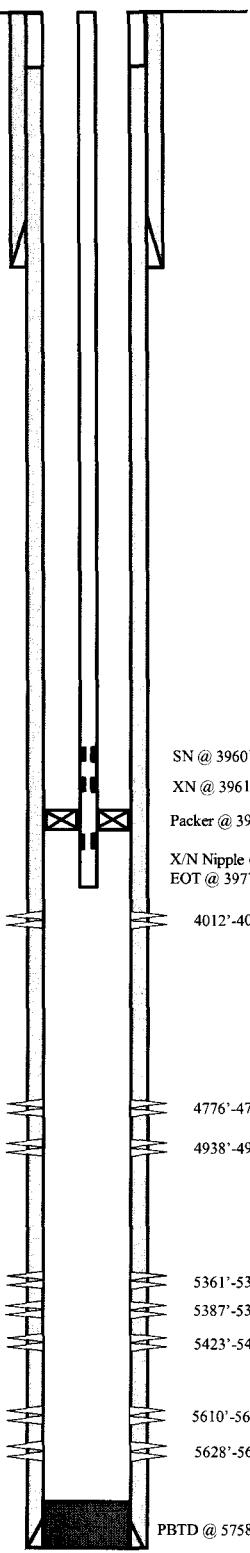
ARROW #1 PACKER CE AT: 3966.63'

XO 2-3/8 x 2-7/8 J-55 AT: 3970.4'

TBG PUP 2-3/8 J-55 AT: 3970.9'

X/N NIPPLE AT: 3975.1'

TOTAL STRING LENGTH: EOT @ 3976.58'



Initial Production: BOPD 51,
MCFD 39, BWPD 28

FRAC JOB

12/09/05 5610'-5634'

Frac CP4 sands as follows:

40,198# 20/40 sand in 394 bbls lightning
Frac 17 fluid. Treated @ avg press of 1702 psi
w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc
flush: 5608 gal. Actual flush: 5007 gal.

12/09/05 5361'-5429'

Frac CP1 & CP2 sands as follows:

95,683# 20/40 sand in 703 bbls lightning
Frac 17 fluid. Treated @ avg press of 1593 psi
w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc
flush: 5359 gal. Actual flush: 4776 gal.

12/10/05 4938'-4944'

Frac A1 sands as follows:

20,953# 20/40 sand in 278 bbls lightning. Frac
17 fluid. Treated @ avg press of 1972 psi
w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc
flush: 4936 gal. Actual flush: 4368 gal.

12/10/05 4776'-4782'

Frac B1 sands as follows:

36,114# 20/40 sand in 380 bbls lightning. Frac
17 fluid. Treated @ avg press of 2210psi
w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc
flush: 4774 gal. Actual flush: 3822 gal.

06/28/07

Frac GB4 sands as follows:

19,329# 20/40 sand in 268 bbls lightning. Frac
17 fluid. Treated @ avg press of 1347psi

w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc

flush: 4010 gal. Actual flush: 3927 gal.

02/19/13

Pump Change. Update rod and tubing details.

02/19/13

Convert to Injection Well

Conversion MIT Finalized – update tbg

detail

PERFORATION RECORD

12/05/05	5628'-5634'	4 JSPIF	24 holes
12/05/05	5610'-5614'	4 JSPIF	16 holes
12/09/05	5423'-5429'	4 JSPIF	24 holes
12/09/05	5387'-5394'	4 JSPIF	28 holes
2/09/05	5361'-5369'	4 JSPIF	32 holes
12/09/05	4938'-4944'	4 JSPIF	24 holes
2/10/05	4776'-4782'	4 JSPIF	24 holes
12/10/05	4012'-4020'	4 JSPIF	32 holes

NEWFIELD

Federal 11-13-9-16
1855' FSL & 2103' FWL
NE/SW Section 13-T9S-R16E
Duchesne County, Utah
API #43-013-32652; Lease #UTU-64805

NEWFIELD

Schematic

43-013-32649

Well Name: Federal 14-13-9-16

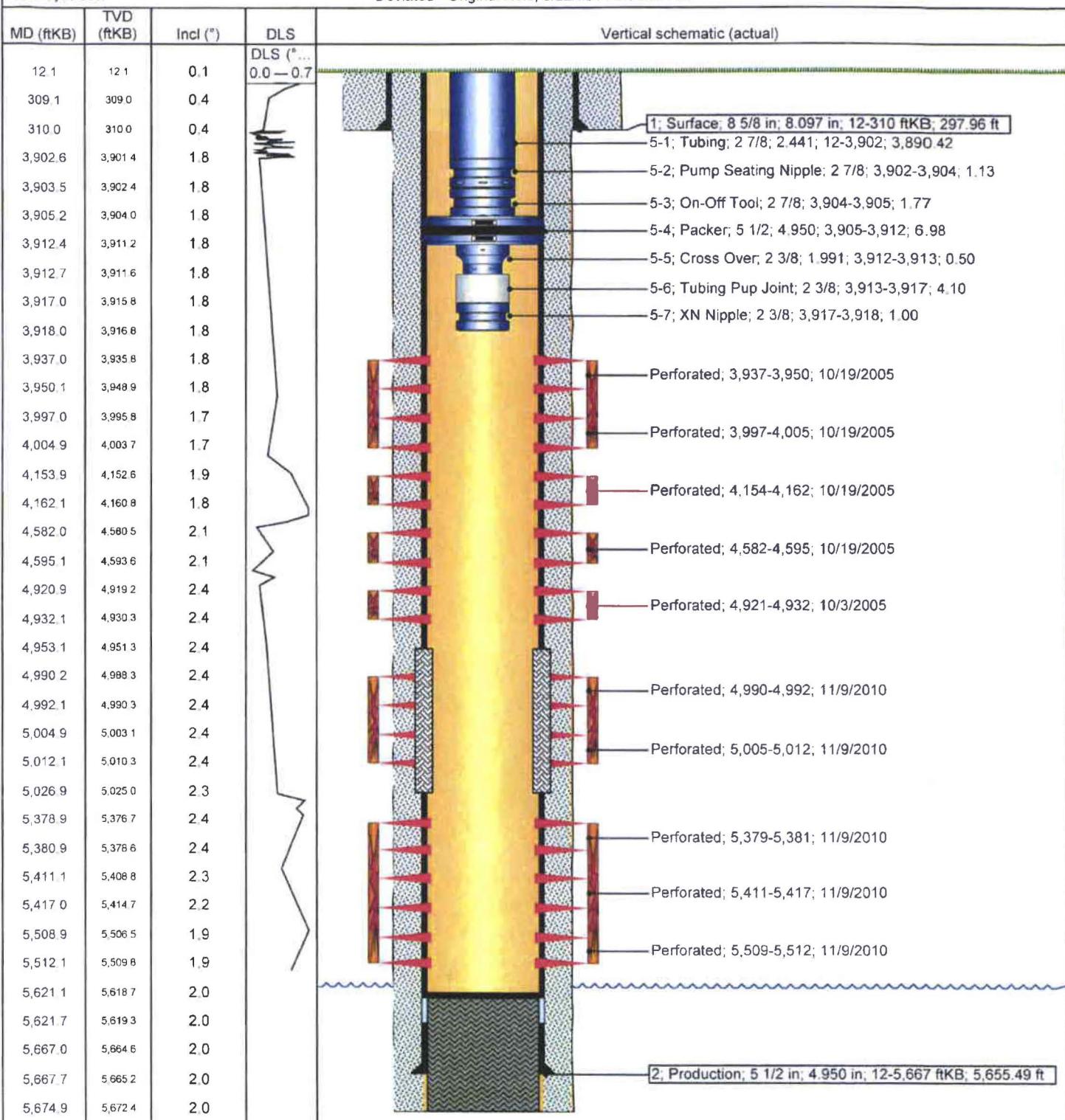
Surface Legal Location 819' FSL & 1940' FWL (SE/SW) SECTION 13-T9S-R16E		API/UWI 43013326490000	Well RC 500151344	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 8/16/2005	Rig Release Date 9/9/2005	On Production Date 10/21/2005	Original KB Elevation (ft) 5,593	Ground Elevation (ft) 5,581	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,621.1	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/13/2014	Job End Date 5/20/2014
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TD: 5,675.0

Deviated - Original Hole, 5/22/2014 9:32:36 AM



ATTACHMENT E-4

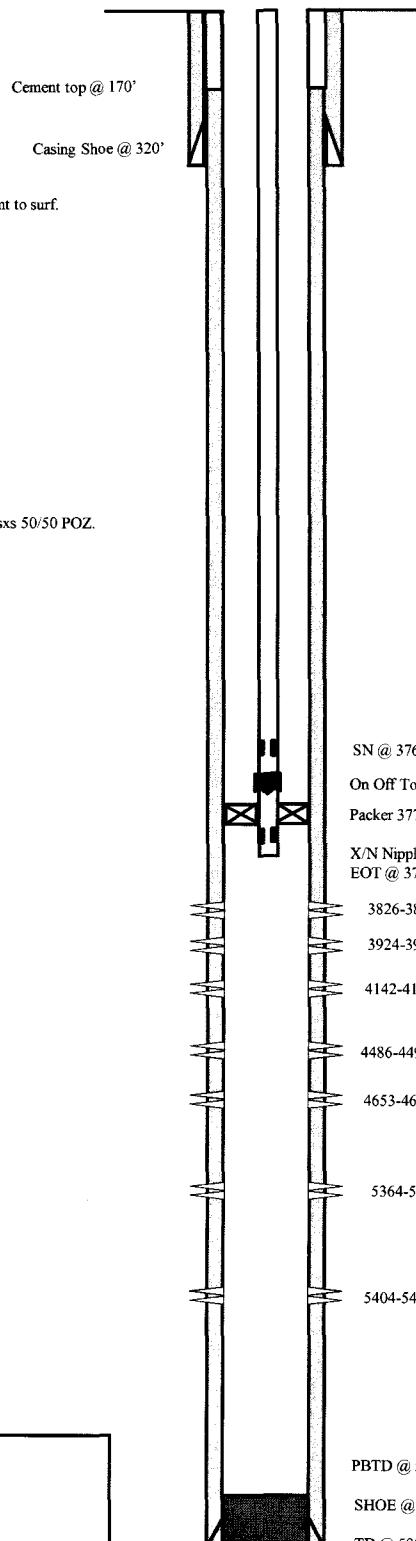
Federal 15-13-9-16

Spud Date: 10-18-05
Put on Production: 12-05-05
GL: 5553' KB: 5565'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (308.61')
DEPTH LANDED: 320.46' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.



PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5777.86')
DEPTH LANDED: 5791.11' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 120 jts (3754.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3764.9' KB
ON/OFF TOOL AT: 3766'
ARROW #1 PACKER CE AT: 3771.25'
XO 2-3/8 x 2-7/8 J-55 AT: 3775'
TBG PUP 2-3/8 J-55 AT: 3775.5'
X/N NIPPLE AT: 3779.7'
TOTAL STRING LENGTH: EOT @ 3781'

FRAC JOB

11-30-05 5364-5410' **Frac CP2, & CP1 sands as follows:**
4474# 20/40 sand in 479 bbls Lightning 17
frac fluid. Treated @ avg press of 2020 psi
w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc
flush: 5362 gal. Actual flush: 5376 gal.

12-01-05 4653-4659' **Frac C sands as follows:**
1958# 20/40 sand in 267 bbls Lightning 17
frac fluid. Treated @ avg press of 2290 psi
w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc
flush: 4651 gal. Actual flush: 4702 gal.

12-01-05 4486-4490' **Frac D1 sands as follows:**
1960# 20/40 sand in 262 bbls Lightning 17
frac fluid. Treated @ avg press of 1827 psi
w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc
flush: 4946 gal. Actual flush: 4494 gal.

12-01-05 4142-4156' **Frac PB8 sands as follows:**
5877# 20/40 sand in 546 bbls Lightning 17
frac fluid. Treated @ avg press of 2383 w/
avg rate of 14.2 BPM. ISIP 3200 psi. Calc
flush: 3140 gal. Actual flush: 4200 gal.

12-01-05 3924-3938' **Frac GB4 sands as follows:**
3003# 20/40 sand in 312 bbls Lightning 17
frac fluid. Treated @ avg press of 1314 w/
avg rate of 14.2 BPM. ISIP 1500 psi. Calc
flush: 3922 gal. Actual flush: 3864 gal.

06-16-06 **Pump change:** Update rod and tubing details.
12-15-06 **Pump Change:** Updated rod and tubing
detail.

11/18/08 **Pump Change.** Updated rod & tubing details.
2/21/2010 **Tubing Leak.** Updated rod and tubing detail.
12/13/10 3826-3836' **Frac GB2 sands as follows:** 2878# 20/40
sand in 173 bbls Lightning 17 fluid.

12/14/10 **Re-Completion finalized** – updated tbg and
rod detail.

11/18/08 **Convert to Injection Well**
2/21/2010 **Conversion MIT Finalized** – update tbg
detail

PERFORATION RECORD

11-18-05	5404-5410'	4 JSPI	24 holes
11-18-05	5364-5372'	4 JSPI	32 holes
11-30-05	4653-4659'	4 JSPI	24 holes
12-01-05	4486-4490'	4 JSPI	16 holes
12-01-05	4142-4156'	4 JSPI	56 holes
12-01-05	3924-3938'	4 JSPI	56 holes
12-13-10	3826-3828'	3 JSPI	30 holes

PBT @ 5745'
SHOE @ 5791'
TD @ 5805'

NEWFIELD

Federal 15-13-9-16

695' FSL & 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805

NEWFIELD



Schematic

43-013-32647

Well Name: Federal 16-13-9-16

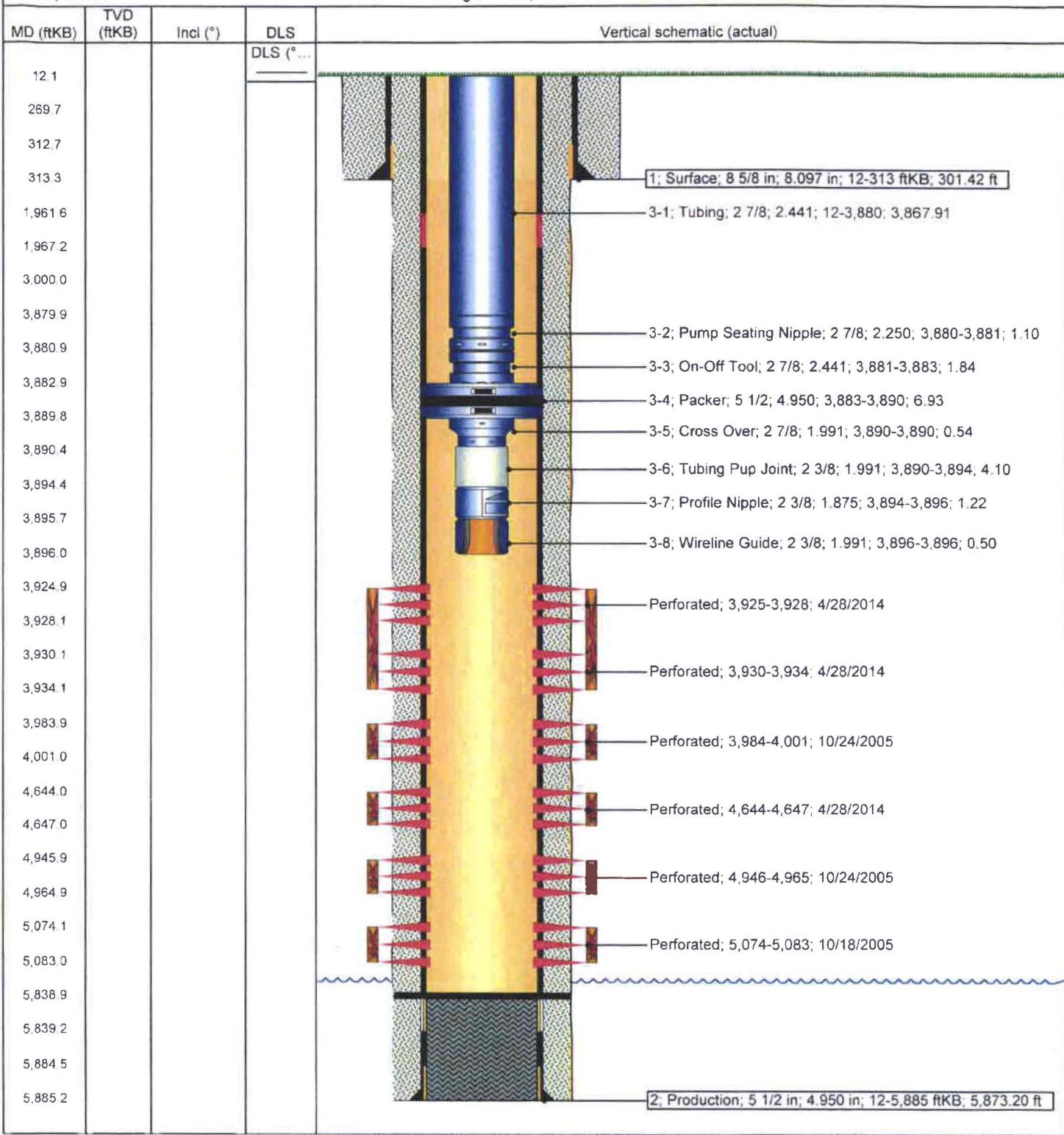
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
13-9S-16E	43013326470000	500151034		Utah	GMBU CTB6	DUCHESNE
Spud Date 8/29/2005	Rig Release Date 9/15/2005	On Production Date 10/26/2005	Original KB Elevation (ft) 5,539	Ground Elevation (ft) 5,527	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,838.8

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	OAP	4/25/2014	5/6/2014

TD: 5,885.2

Vertical - Original Hole, 5/9/2014 10:45:03 AM



ATTACHMENT E-6

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

Federal 1-24-9-16

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.69')
 DEPTH LANDED: 323.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

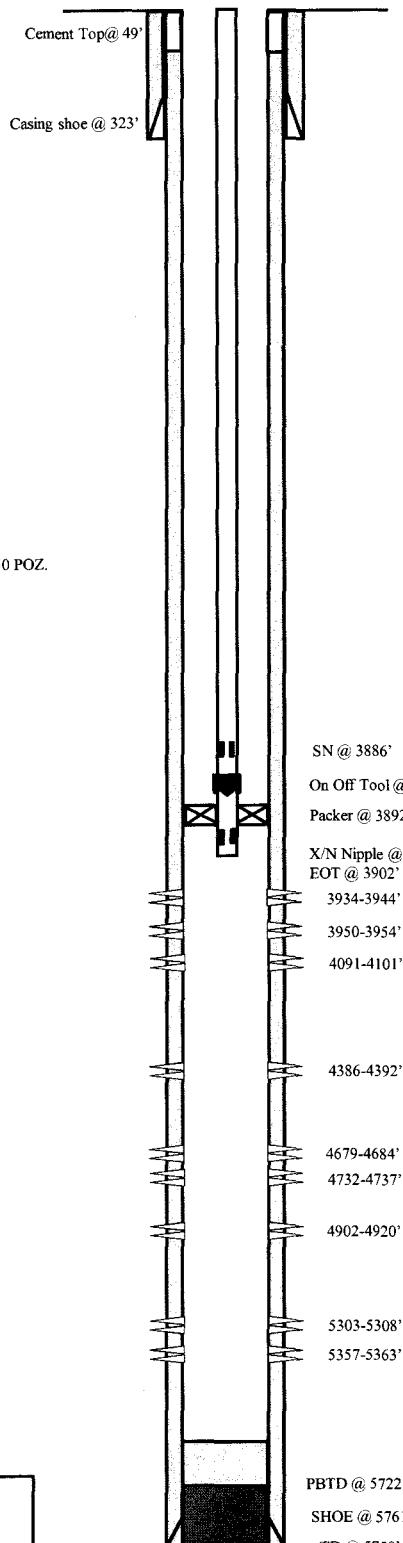
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (55748.15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761.4'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (3886.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3886' KB
 ON/OFF TOOL AT: 3887.2'
 ARROW #1 PACKER CE AT: 3892'
 XO 2-3/8 x 2-7/8 J-55 AT: 3895.9'
 TBG PUP 2-3/8 J-55 AT: 3896.4'
 X/N NIPPLE AT: 3900.5'
 TOTAL STRING LENGTH: EOT @ 3902'

Injection Wellbore Diagram



FRAC JOB

10-31-07	5303-5363'	Frac CP 1&2 sands as follows: Frac with 14554# 20/40 sand in 285 bbls Lightning 17 fluid. Treat at 2420 psi @ 24.8 BPM. ISIP 2020 psi.
10-31-07	4902-4920'	Frac A3 sands as follows: Frac with 89906# 20/40 sand in 691 bbls Lightning 17 fluid. Treat at 2070psi @ 24.8 BPM. ISIP 1785psi.
10-31-07	4386-4392'	Frac DS3 sands as follows: Frac with 25051# 20/40 sand in 339 bbls Lightning 17 fluid. Treat at 21300psi @ 24.8 BPM. ISIP 1920 psi.
10-31-07	4091-4101'	Frac PB8 sand as follows: Frac with 62099# 20/40 sand in 499 bbls Lightning 17 fluid. Treat at 2028 psi @ 24.8 BPM. ISIP 2110 psi.
11/26/12	3934-3954'	Frac CB6 sand as follows: Frac with 39227# 20/40 sand in 429 bbls Lightning 17 fluid.
11/27/2012		Convert to Injection Well
11/29/2012		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

4091-4101'	4 JSFP	40 holes
4386-4392'	4 JSFP	24 holes
4679-4684'	4 JSFP	20 holes
4732-4737'	4 JSFP	20 holes
4902-4920'	4 JSFP	72 holes
5303-5308'	4 JSFP	20 holes
5357-5363'	4 JSFP	24 holes
3934-3944'	3 JSFP	30 holes 11/21/12
3950-3954'	3 JSFP	12 holes 11/21/12

NEWFIELD

Federal 1-24-9-16
 537' FNL & 671' FEL
 NENE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33082; Lease #UTU-15855

ATTACHMENT E-7

Spud Date: 10-13-07

Put on Production: 11-21-07

GL: 5605' KB: 5617'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311')
DEPTH LANDED: 320'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

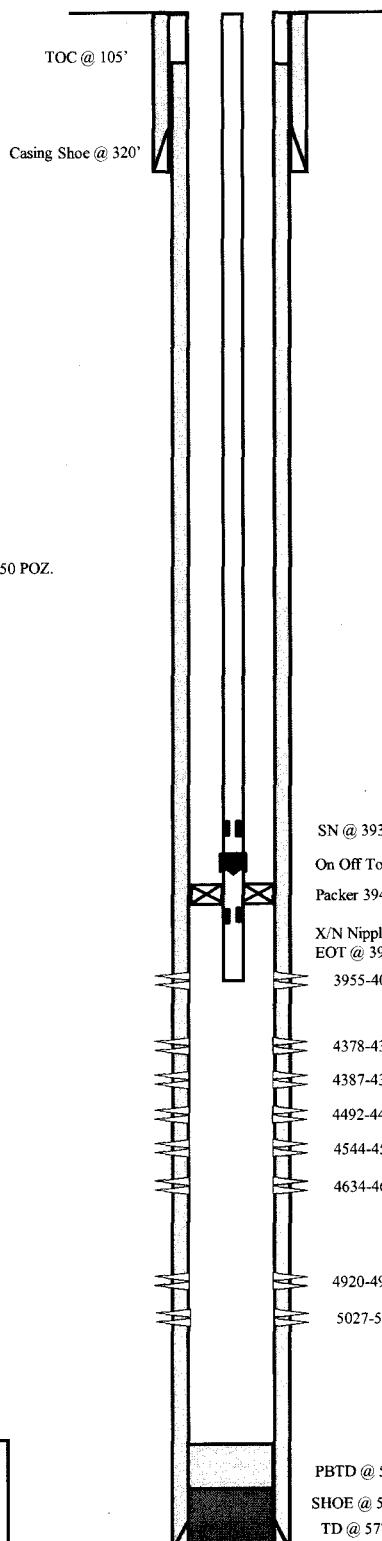
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (5741.47') Includes Shoe Jt. (39.25')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5754.72'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 125 jts (3927.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3939.1' KB
ON/OFF TOOL AT: 3940.2'
ARROW #1 PACKER CE AT: 3944.09'
XO 2-3/8 x 2-7/8 J-55 AT: 3948.9'
TBG PUP 2-3/8 J-55 AT: 3949.9'
X/N NIPPLE AT: 3956.1'
TOTAL STRING LENGTH: EOT @ 3958'

Injection Wellbore Diagram



Initial Production: 56.4 BOPD,

25.0 MCFD, 34.3 BWPD

FRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM. ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		Major Workover. Updated rod & tubing detail.
5/4/2010		Tubing leak. Updated rod and tubing detail.
6/9/2011		Tubing leak. Updated rod & tubing detail.
10/08/12	4378-4493'	Frac D1 & DS1 sands as follows: Frac with 29832# 20/40 sand in 362 bbls Lightning 17 fluid.
10/09/12		Convert to Injection Well
10/12/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

3995-4006'	4 JSPPF	44 holes
4544-4551'	4 JSPPF	28 holes
4634-4646'	4 JSPPF	48 holes
4920-4938'	4 JSPPF	72 holes
5027-5035'	4 JSPPF	32 holes
10/04/12 4492-4493'	3 JSPPF	3 holes
10/04/12 4387-4388'	3 JSPPF	3 holes
10/04/12 4378-4380'	3 JSPPF	6 holes

NEWFIELD

Federal 3-24-9-16

722' FNL & 2063' FWL

NENW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33084; Lease #UTU-15855

NEWFIELD



Well Name: Federal 4-24-9-16

Schematic

43-013-33004

Surface Legal Location 24-9S-16E		API/UWI 43013330040000	Well RC 500159014	Lease	State/Province Utah	Field Name GMBU CT B6	County DUCESNE
Spud Date 12/12/2007	Rig Release Date 1/8/2008	On Production Date 2/27/2008	Original KB Elevation (ft) 5,625	Ground Elevation (ft) 5,613	Total Depth All (TVD) (ftKB) Original Hole - 5,705.0	PBTD (All) (ftKB)	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/21/2014	Job End Date 10/27/2014
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TD: 5,775.0

Vertical - Original Hole, 10/29/2014 9:44:22 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
				DLS (°)	
12.1					
84.0					
309.1					
310.0					1; Surface; 8 5/8 in; 8.097 in; 12-310 ftKB; 297.88 ft
3,939.3					2-1; Tubing; 2 7/8; 2.441; 12-3,939; 3,927.32
3,940.3					2-2; Pump Seating Nipple; 2 7/8; 2.270; 3,939-3,940; 1.10
3,941.9					2-3; On-Off Tool; 4.52; 1.875; 3,940-3,942; 1.45
3,949.1					2-4; Packer; 4 5/8; 2.441; 3,942-3,949; 7.35
3,949.8					2-5; Cross Over; 3.64; 1.991; 3,949-3,950; 0.45
3,953.7					2-6; Tubing Pup Joint; 2 3/8; 1.991; 3,950-3,954; 4.12
3,954.7					2-7; Nipple; 2 3/8; 1.875; 3,954-3,955; 0.91
3,955.1					2-8; Wireline Guide; 3 1/8; 1.991; 3,955-3,955; 0.40
4,018.0					Perforated; 4,018-4,032; 2/21/2008
4,032.2					Perforated; 4,481-4,491; 2/21/2008
4,481.0					Perforated; 4,893-4,900; 2/21/2008
4,491.1					Perforated; 4,936-4,947; 2/21/2008
4,893.0					Perforated; 5,062-5,068; 2/21/2008
4,899.9					Perforated; 5,350-5,360; 2/21/2008
4,936.0					Perforated; 5,359.9
4,946.9					Perforated; 5,705.1
5,062.0					Perforated; 5,713.6
5,067.9					Perforated; 5,714.2
5,350.1					Perforated; 5,757.5
5,359.9					Perforated; 5,758.2
5,705.1					2; Production; 5 1/2 in; 4.950 in; 12-5,758 ftKB; 5,746.23 ft
5,713.6					
5,714.2					
5,757.5					
5,758.2					
5,774.9					

NEWFIELD



Well Name: Federal 6-24-9-16

Schematic

43-013-32962

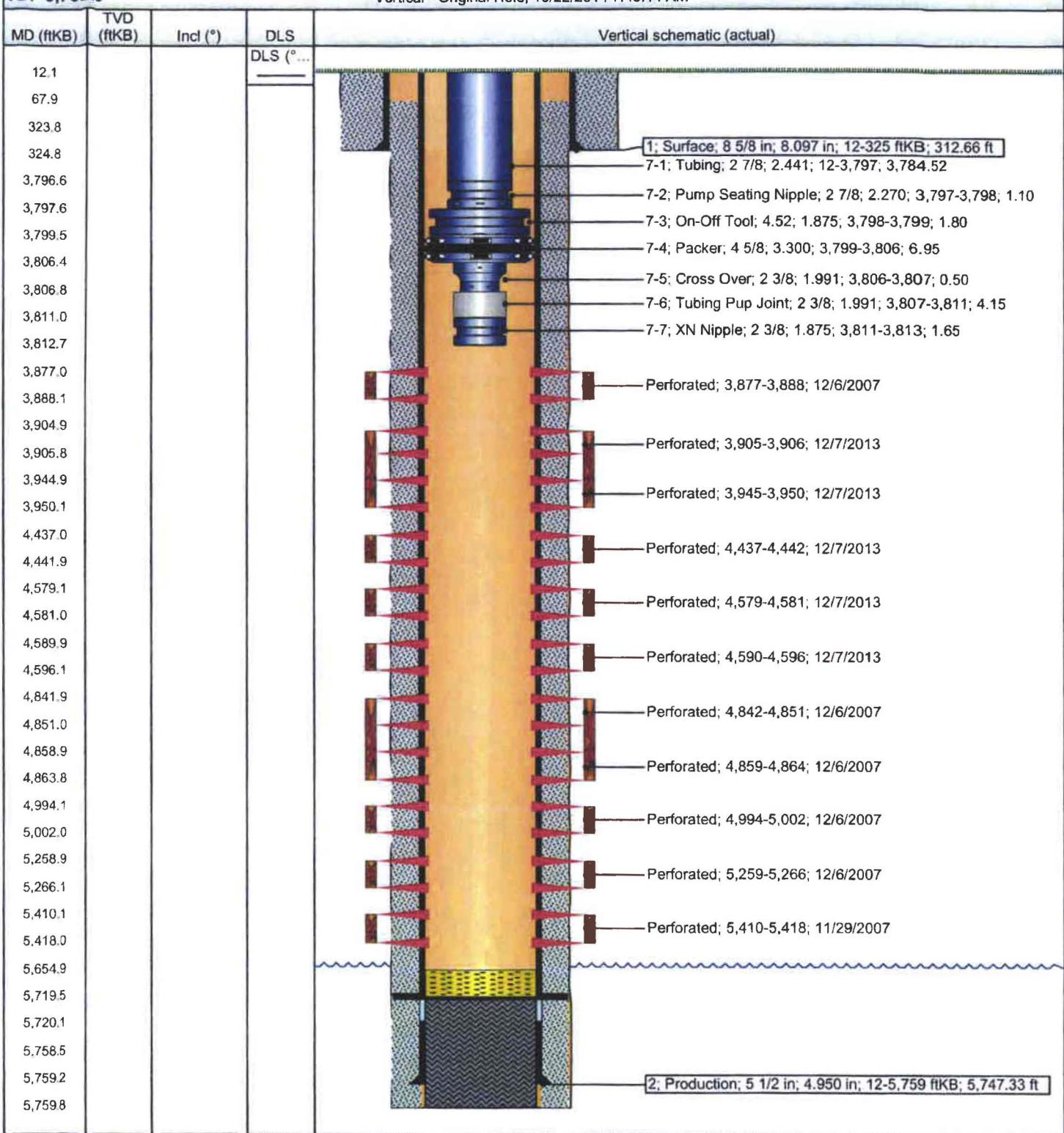
Surface Legal Location 24-9S-16E		API/UWI 43013329620000	Well RC 500158994	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCESNE
Spud Date 11/2/2007	Rig Release Date 11/18/2007	On Production Date 12/12/2007	Original KB Elevation (ft) 5,623	Ground Elevation (ft) 5,611	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,719.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/16/2014	Job End Date 10/21/2014
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TD: 5,760.0

Vertical - Original Hole, 10/22/2014 7:45:14 AM



ATTACHMENT E-10

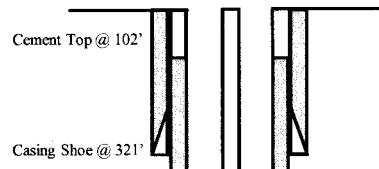
FEDERAL 7-24-9-16

Spud Date: 10/08/07
 Put on Production: 11/29/07
 GL: 5582' KB: 5594'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 320.63' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

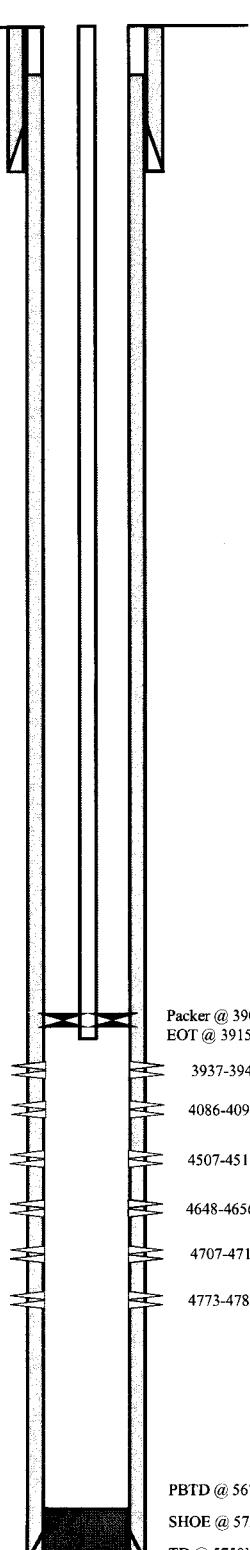


PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5708.82')
 DEPTH LANDED: 5722.07' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 102'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 130 jts (3891.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3903.9' KB
 ON/OFF TOOL AT: 3905.0'
 PACKER CE @ 3909.59'
 XN NIPPLE: 3914'
 TOTAL STRING LENGTH: EOT @ 3915' KB



FRAC JOB

11/28/07 4773-4780'	Frac A5 sands as follows: 1725# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.
11/28/07 4707-4714'	Frac B2 sands as follows: 1472# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.
11/28/07 4648-4656'	Frac B1 sands as follows: 3496# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.
11/28/07 4507-4518'	Frac D3 sands as follows: 1988# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.
11/28/07 4086-4094'	Frac PB8 sands as follows: 3974# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal
11/28/07 3937-3948'	Frac GB6 sands as follows: 943# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal
7/17/08	Pump Change. Updated rod and tubing detail
9/16/09	Pump Change. Updated rod & tubing details.
1/14/10	Tubing Leak. Updated rod and tubing detail.
07/03/12	Convert to Injection Well
07/10/12	Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

4773-4780'	4 JSFP	28 holes
4707-4714'	4 JSFP	28 holes
4648-4656'	4 JSFP	32 holes
4507-4518'	4 JSFP	44 holes
4086-4094'	4 JSFP	32 holes
3937-3948'	4 JSFP	44 holes

NEWFIELD
FEDERAL 7-24-9-16
 1790' FNL & 2019' FEL
 SW/NE Section 24-T18S-R16E
 Duchesne Co, Utah

API #43-013-33085; Lease # UTU-15855

ATTACHMENT E-11

FEDERAL 8-24-9-16

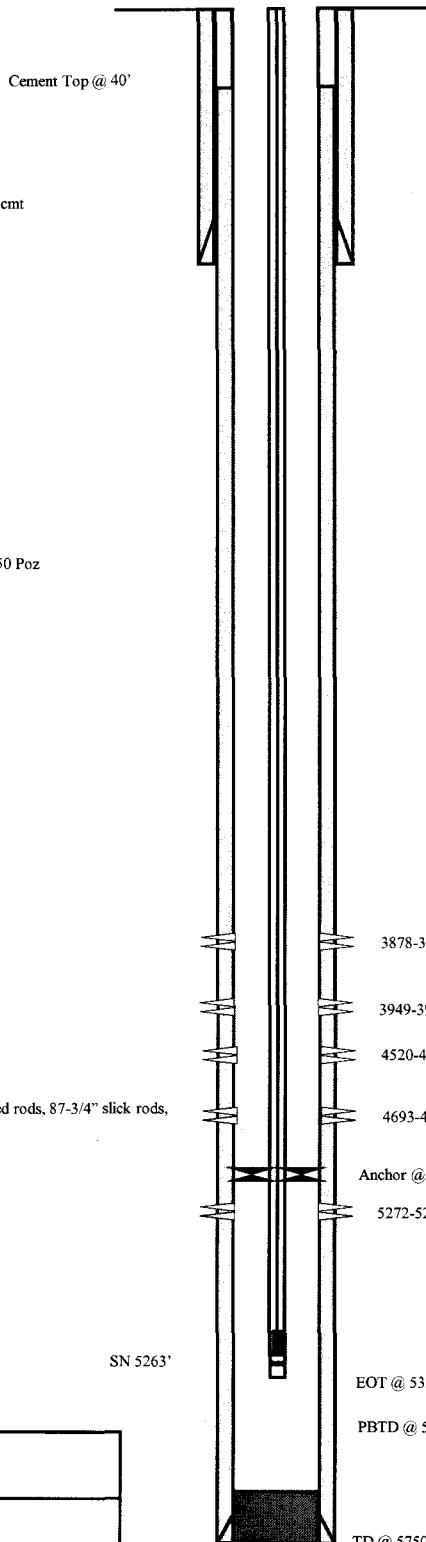
Spud Date: 2/25/08
Put on Production: 4/18/08

GL: 5603' KB: 5615'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts
DEPTH LANDED: 333'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx Class "G" cmt

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

4/1/08 5272-5278' **Frac CP5 sds as follows:**

15,319# 20/40 sand in 284 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2126 psi @ ave rate of 23.3 BPM. ISIP 2956 psi. Actual Flush: 4750 gal.

4/1/08 4693-4702' **Frac BI sds as follows:**

60,062# 20/40 sand in 502 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1779 psi @ ave rate of 23.5 BPM. ISIP 1884 psi. Actual Flush: 4179 gal.

4/1/08 4520-4532' **Frac D2 sds as follows:**

35,229 20/40 sand in 407 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2972 psi @ ave rate of 21.1 BPM. ISIP 2107 psi. Actual Flush: 3986 gal.

4/1/08 3949-3956' **Frac GB6 sds as follows:**

29,694# 20/40 sand in 367 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1808 psi @ ave rate of 23.5 BPM. ISIP 1640 psi. Actual Flush: 3486 gal.

4/1/08 3878-3886' **Frac GB2 sds as follows:**

31,997#s of 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1932 psi @ ave rate of 23.5 BPM. ISIP 1618 psi. Actual Flush: 3822 gal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts
DEPTH LANDED: 5739'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP: 40'

TUBING

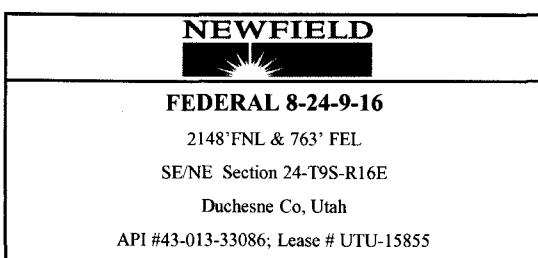
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5216.48')
TUBING ANCHOR: 5228.48' KB
NO. OF JOINTS: 1 jts (31.42')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5262.70' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5327.15' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods
SUCKER RODS: 1-4" x 3/4" pony sub, 97-3/4" guided rods, 87-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 18' RHAC
STROKE LENGTH: 102'
PUMP SPEED, SPM: 5

PERFORATION RECORD

4/1/08	3878-3886'	4	JSPF	32 holes
4/1/08	3949-3956'	4	JSPF	28 holes
4/1/08	4520-4532'	4	JSPF	48 holes
4/1/08	4693-4702'	4	JSPF	36 holes
3/31/08	5272-5278'	4	JSPF	24 holes



ATTACHMENT E-12

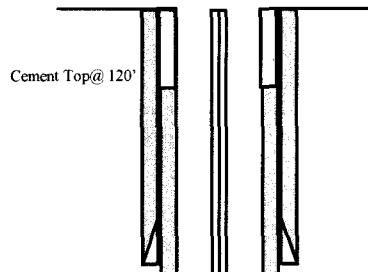
Federal 10-24-9-16

Spud Date: 02/28/08
Put on Production: 4/03/08
GL: 5619' KB: 5631'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (308.08')
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

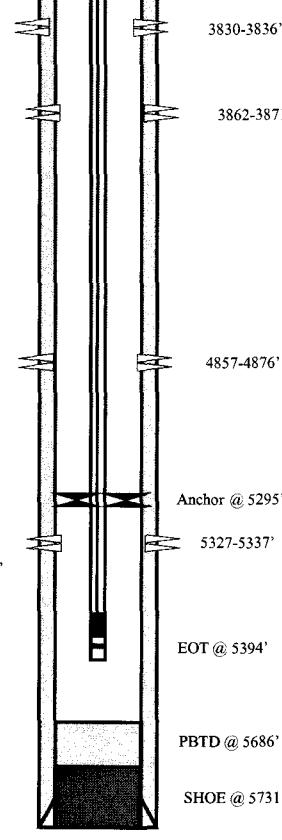


PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts. (5761.15')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5730.96'
CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5283.44')
TUBING ANCHOR: 5295.44'
NO. OF JOINTS: 1 jts (31.49')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5329.73' KB
NO. OF JOINTS: 2 jts (62.63')
TOTAL STRING LENGTH: EOT @ 5393.91' w/12' KB



FRAC JOB

3-28-08 5327-5337' Frac CP2 sands as follows:
Frac with 35352# 20/40 sand in 424bbls
Lightning 17 fluid. Treat with ave
pressure of 1894 psi @ 23.4 BPM.
ISIP 1833 psi.

3-28-08 4857-4876' Frac A3 sands as follows:
Frac with 120384# 20/40 sand in 867
bbls Lightning 17 fluid. Treat with ave
pressure of 1747psi @ 26 BPM. ISIP
2031psi.

3-28-08 3830-3836' Frac GB2 & CB4 sands as follows:
Frac with 18427# 20/40 sand in 269
bbls Lightning 17 fluid. Treat with ave
pressure of 1791psi @ 23.4 BPM. ISIP
1700 psi.

9/3/09 Pump change. Updated rod & tubing
details.

PERFORATION RECORD

3830-3836'	4 JSFP	24 holes
3862-3871'	4 JSFP	36 holes
4857-4876'	4 JSFP	76 holes
5327-5337'	4 JSFP	40 holes

NEWFIELD

Federal 10-24-9-16
2138' FSL & 1861' FEL
NWSE Section 24 -T9S-R16E
Duchesne Co, Utah
API #43-013-33339; Lease #UTU-15855

Well Name: GMBU Q-13-9-16

43-013-52286

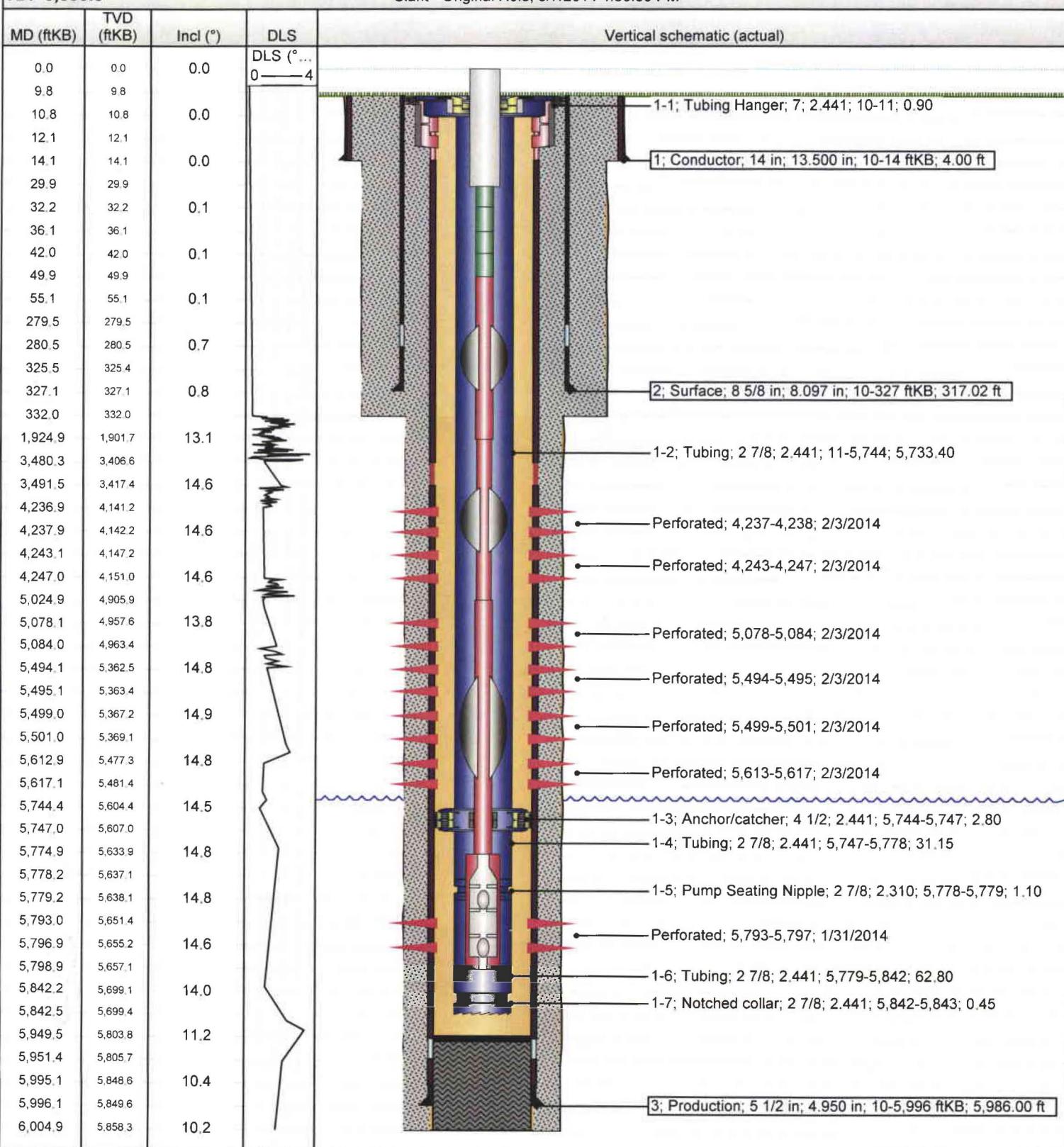
Surface Legal Location NSW 2054 FSL 675 FWL Sec 13 T9S R16E Mer SLB			API/UWI 43013522860000	Well RC 500346522	Lease UTU64805	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/28/2013			Rig Release Date 1/16/2014	On Production Date Original KB Elevation (ft) 5.564	Ground Elevation (ft) 5,554	Total Depth All (TVD) (ftKB) Original Hole - 5,858.3	PBTD (All) (ftKB) Original Hole - 5,949.6	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/31/2014	Job End Date 2/10/2014
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TD: 6,005.0

Slant - Original Hole, 5/7/2014 4:50:30 PM



Well Name: GMBU D-24-9-16

43-013-52283

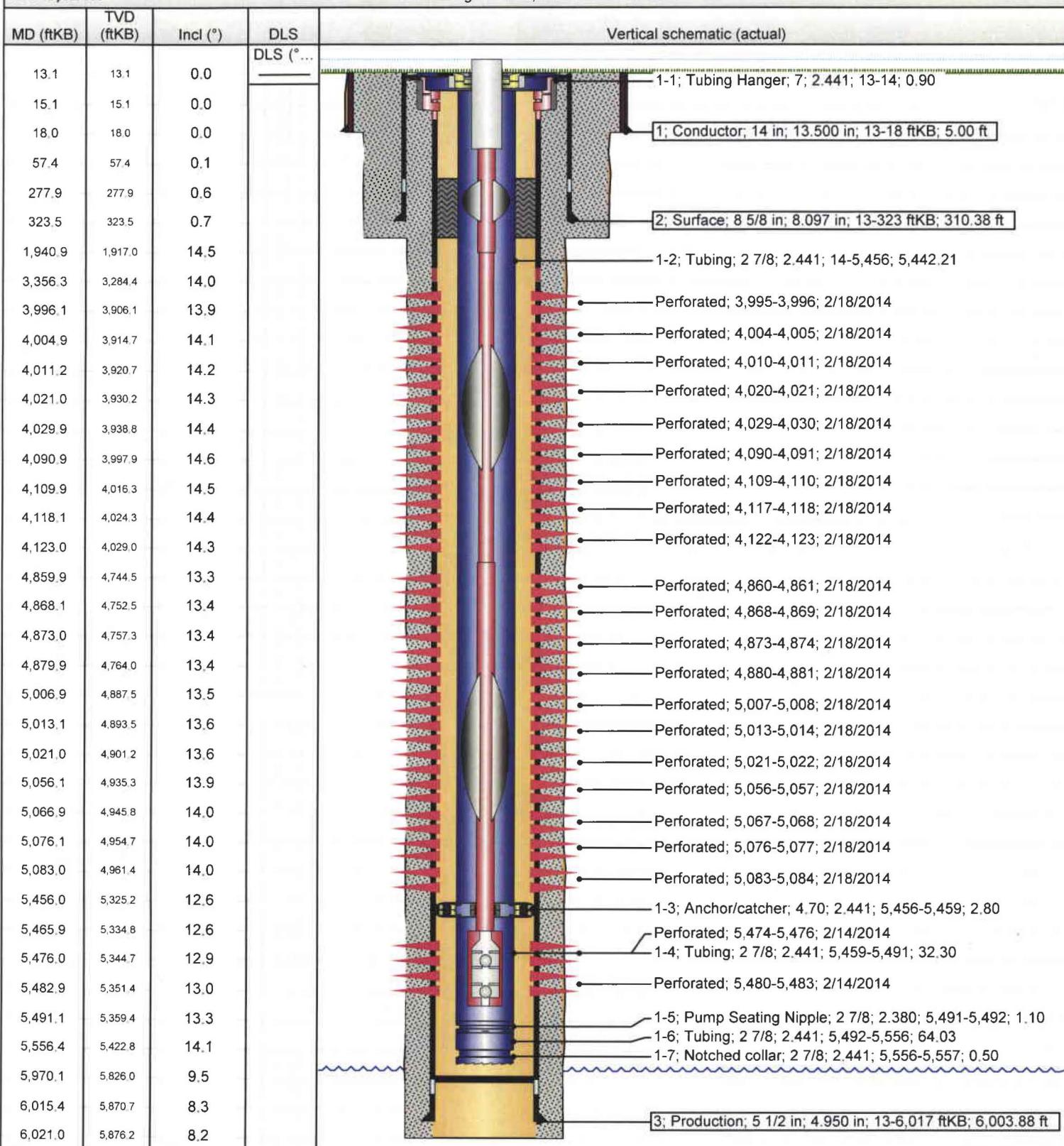
Surface Legal Location SESW 769 FSL 1923 FWL Sec 13 T9S R16E Mer SLB			API/UWI 43013522830000	Well RC 500360792	Lease UTU64805	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 1/20/2014			Rig Release Date 2/3/2014	On Production Date 2/26/2014	Original KB Elevation (ft) 5,595	Ground Elevation (ft) 5,582	Total Depth All (TVD) (ftKB) Original Hole - 5,876.2	PBTD (All) (ftKB) Original Hole - 5,970.1

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/14/2014	Job End Date 2/26/2014
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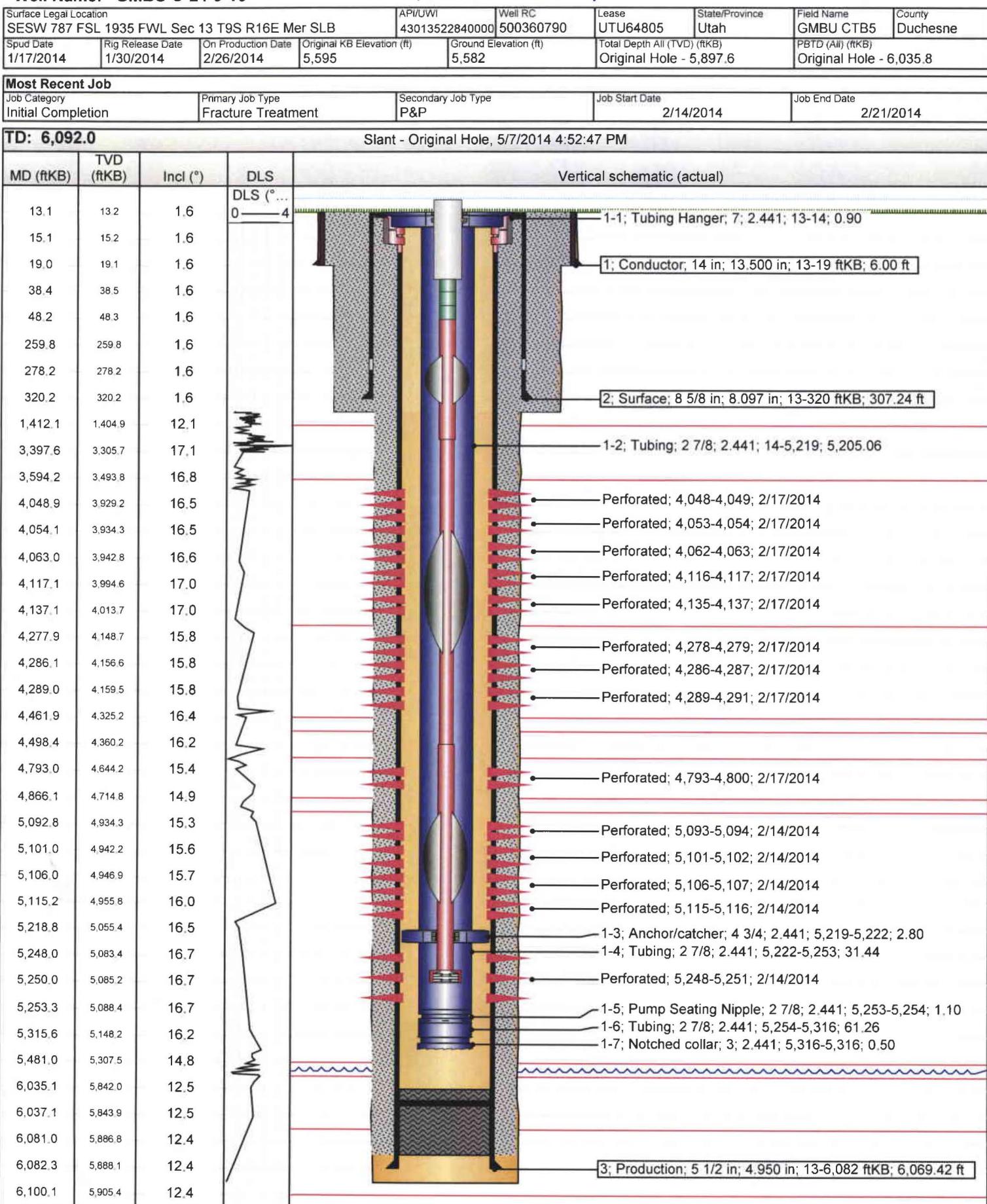
TD: 6,021.0

Slant - Original Hole, 5/7/2014 4:52:07 PM





43-013-52284



NEWFIELD



Well Name: GMBU R-13-9-16

Schematic

43-013-52238

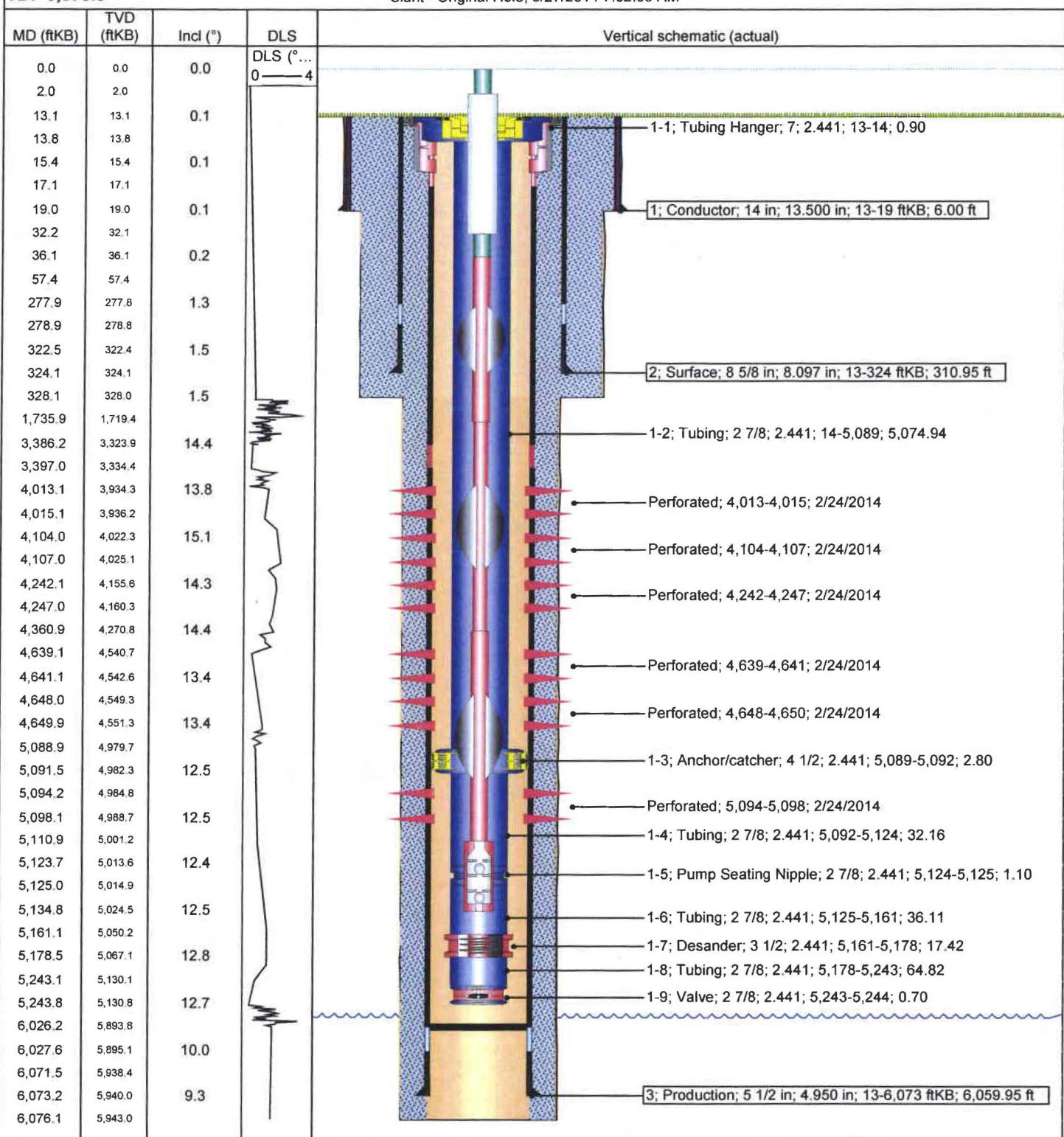
Surface Legal Location			API/UWI	Well RC	Lease	State/Province	Field Name	County
NESW 1873 FSL 2093 FWL Sec 13 T9S R16E Mer SLB			43013522380000	500346534	UTU64805	Utah	GMBU CTB6	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	
1/15/2014	2/7/2014	3/4/2014	5,559	5,546	Original Hole - 5,942.8		Original Hole - 6,026.1	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/24/2014	2/28/2014

TD: 6,076.0

Slant - Original Hole, 3/27/2014 7:02:08 AM



NEWFIELD



Well Name: GMBU M-24-9-16

Schematic

43-013-52281

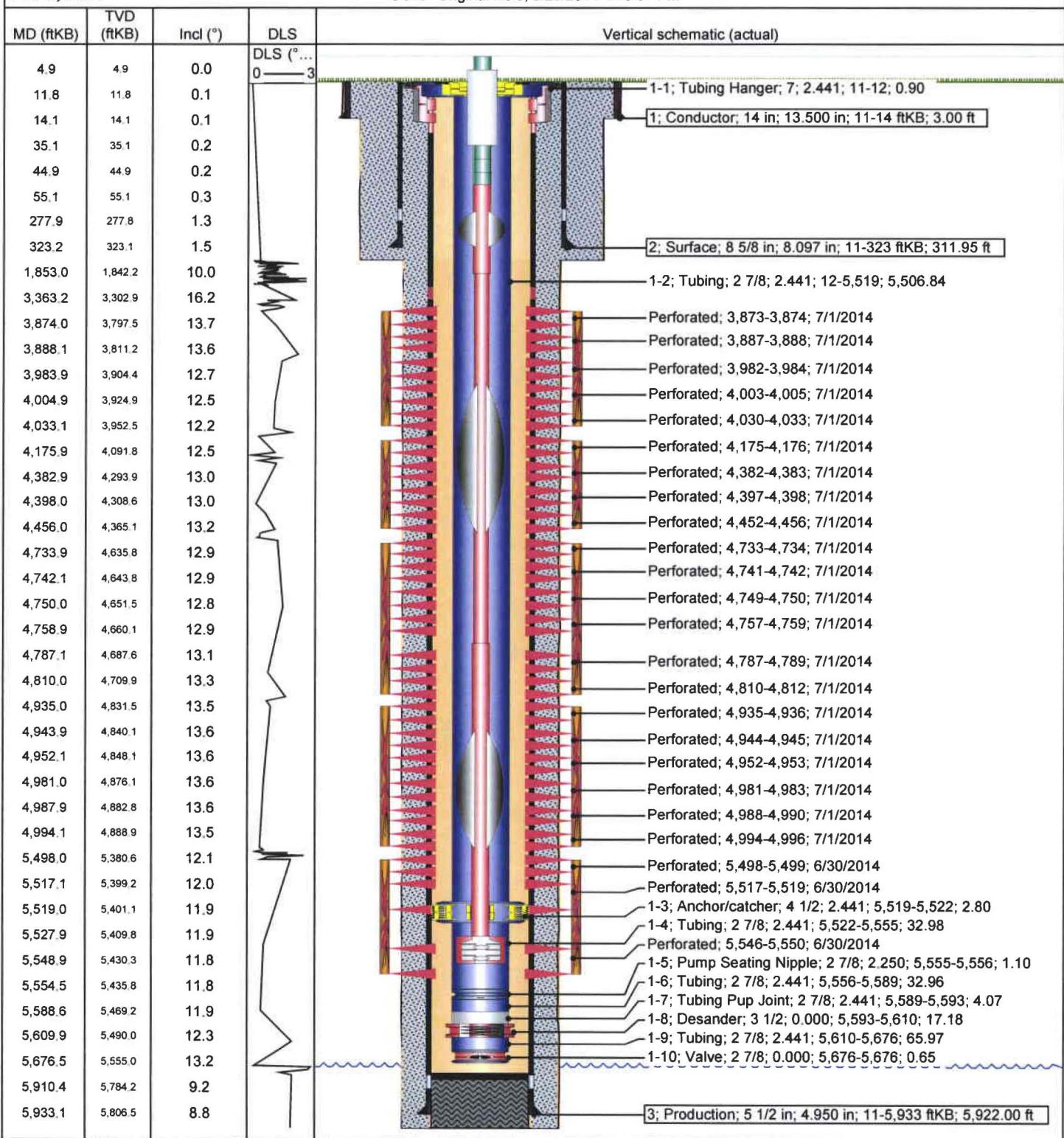
Surface Legal Location NWSE 2187 FSL 1861 FEL Sec 24 T9S R16E			API/JWI 43013522810000	Well RC 500360872	Lease UTU15855	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 5/22/2014			Rig Release Date 6/16/2014	On Production Date 7/11/2014	Original KB Elevation (ft) 5,635	Ground Elevation (ft) 5,624	Total Depth All (TVD) (ftKB) Original Hole - 5,818.3	PBTD (All) (ftKB) Original Hole - 5,908.8

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 6/30/2014	Job End Date 7/11/2014
------------------------------------	----------------------------------------	---------------------------	-----------------------------	---------------------------

TD: 5,945.0

Slant - Original Hole, 8/25/2014 4:45:07 PM



NEWFIELD

Schematic

Well Name: GMBU R-24-9-16

43-013-52282

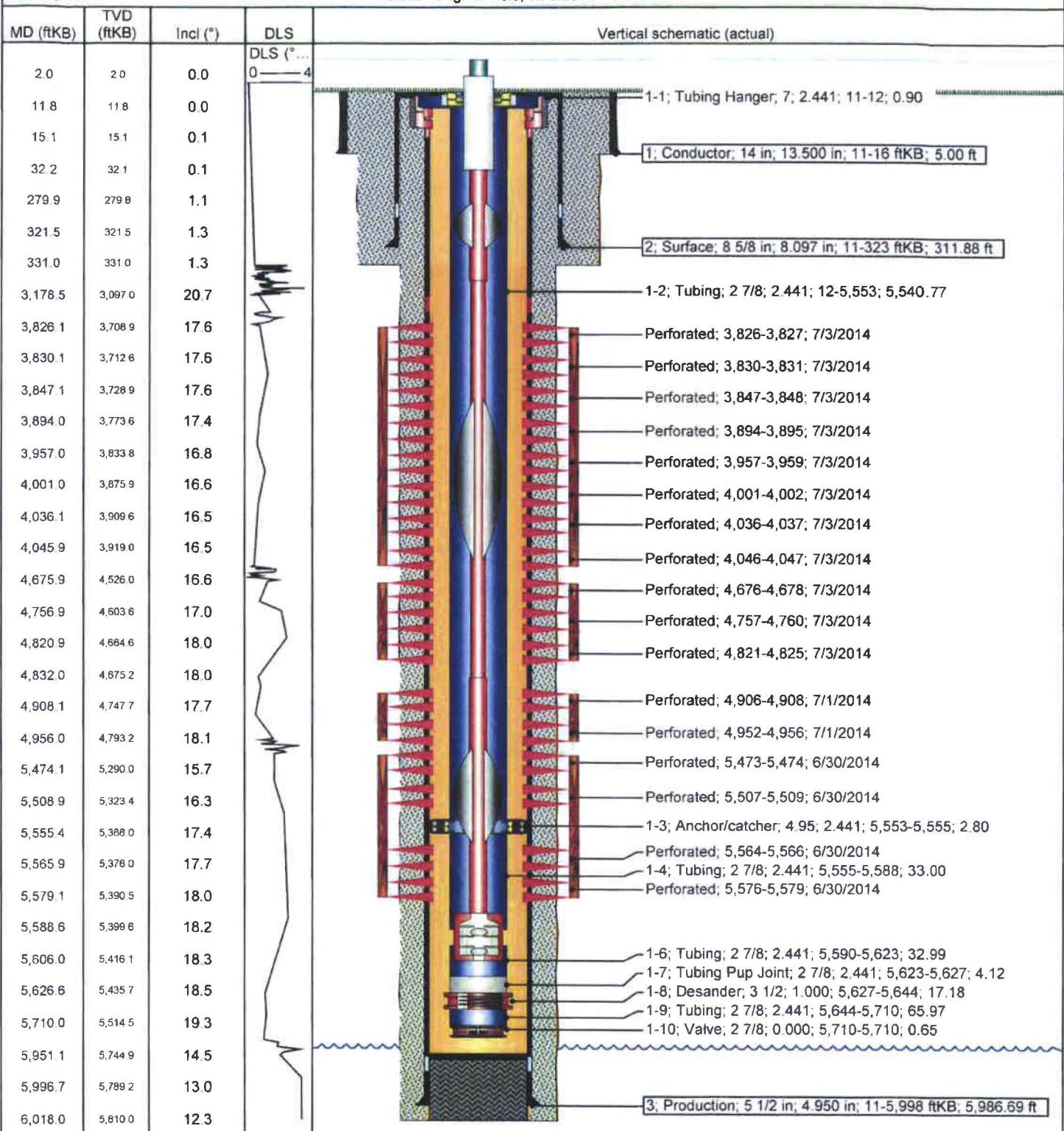
Surface Legal Location NWSE 2166 FSL 1862 FEL Sec 24 T9S R16E				API/UWI 43013522820000	Well RC 500346551	Lease UTU15855	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 5/21/2014	Rig Release Date 6/13/2014	On Production Date 7/11/2014	Original KB Elevation (ft) 5,635	Ground Elevation (ft) 5,624	Total Depth All (TVD) (ftKB) Original Hole - 5,809.9		PBTD (All) (ftKB) Original Hole - 5,951.0		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 6/30/2014	Job End Date 7/8/2014
------------------------------------	----------------------------------------	---------------------------	-----------------------------	--------------------------

TD: 6,018.0

Slant - Original Hole, 8/26/2014 1:02:10 PM



NEWFIELD

Schematic

Well Name: GMBU P-18-9-17

43-013-52509

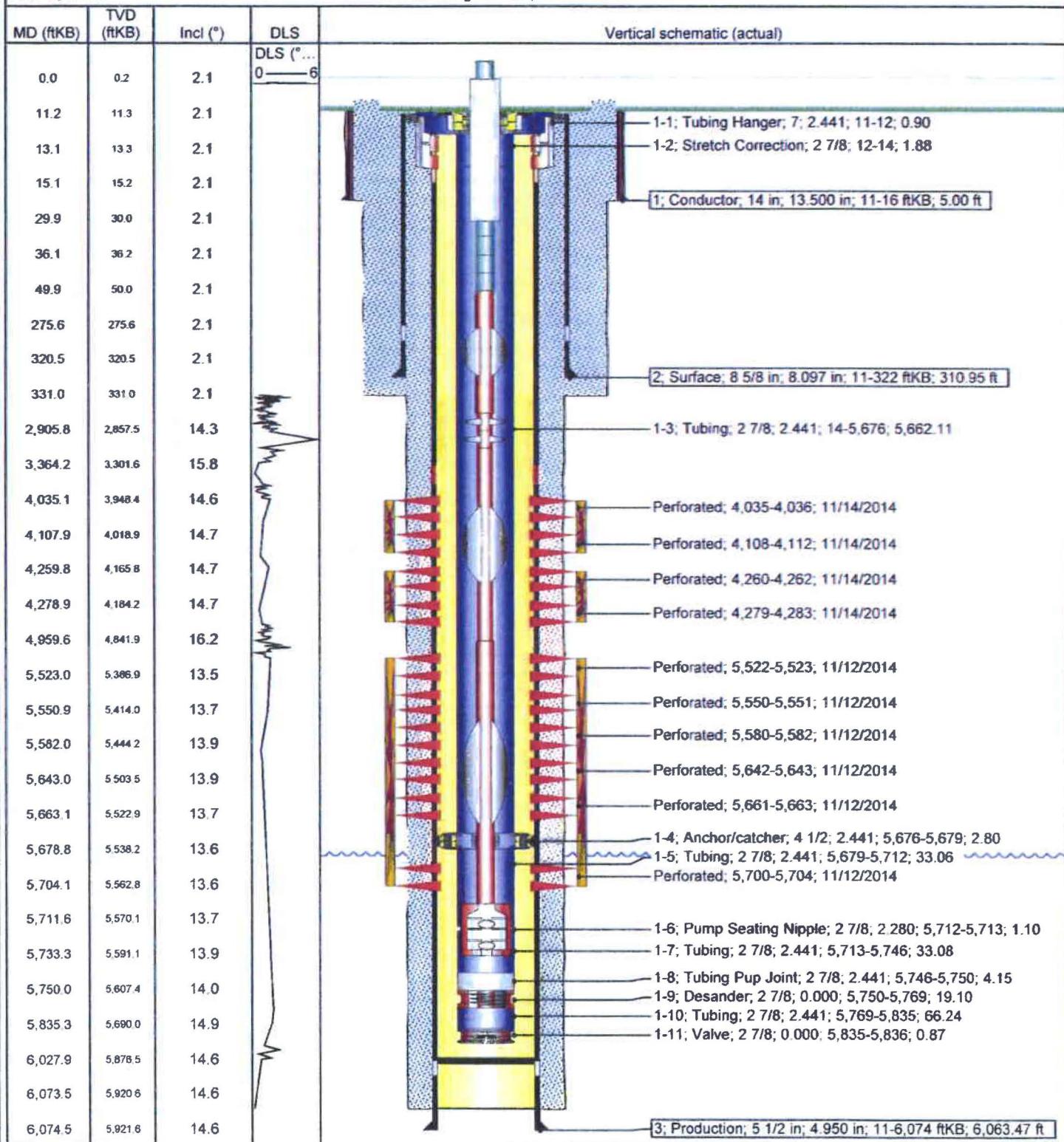
Surface Legal Location SESE 653 FSL 640 FEL Sec 13 T9S R16E			API/UWI 43013525090000	Well RC 500367104	Lease UTU64805	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 10/8/2014			Rig Release Date 10/27/2014	On Production Date 11/20/2014	Original KB Elevation (ft) 5,545	Ground Elevation (ft) 5,534	Total Depth All (TVD) (ftKB) Original Hole - 5,921.1	PBTD (All) (ftKB) Original Hole - 6,028.0

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 11/12/2014	Job End Date 11/18/2014
------------------------------------	----------------------------------------	---------------------------	------------------------------	----------------------------

TD: 6,074.0

Slant - Original Hole, 1/7/2015 1:56:24 PM



NEWFIELD

Schematic

Well Name: GMBU E-19-9-17

4f3-013-52517

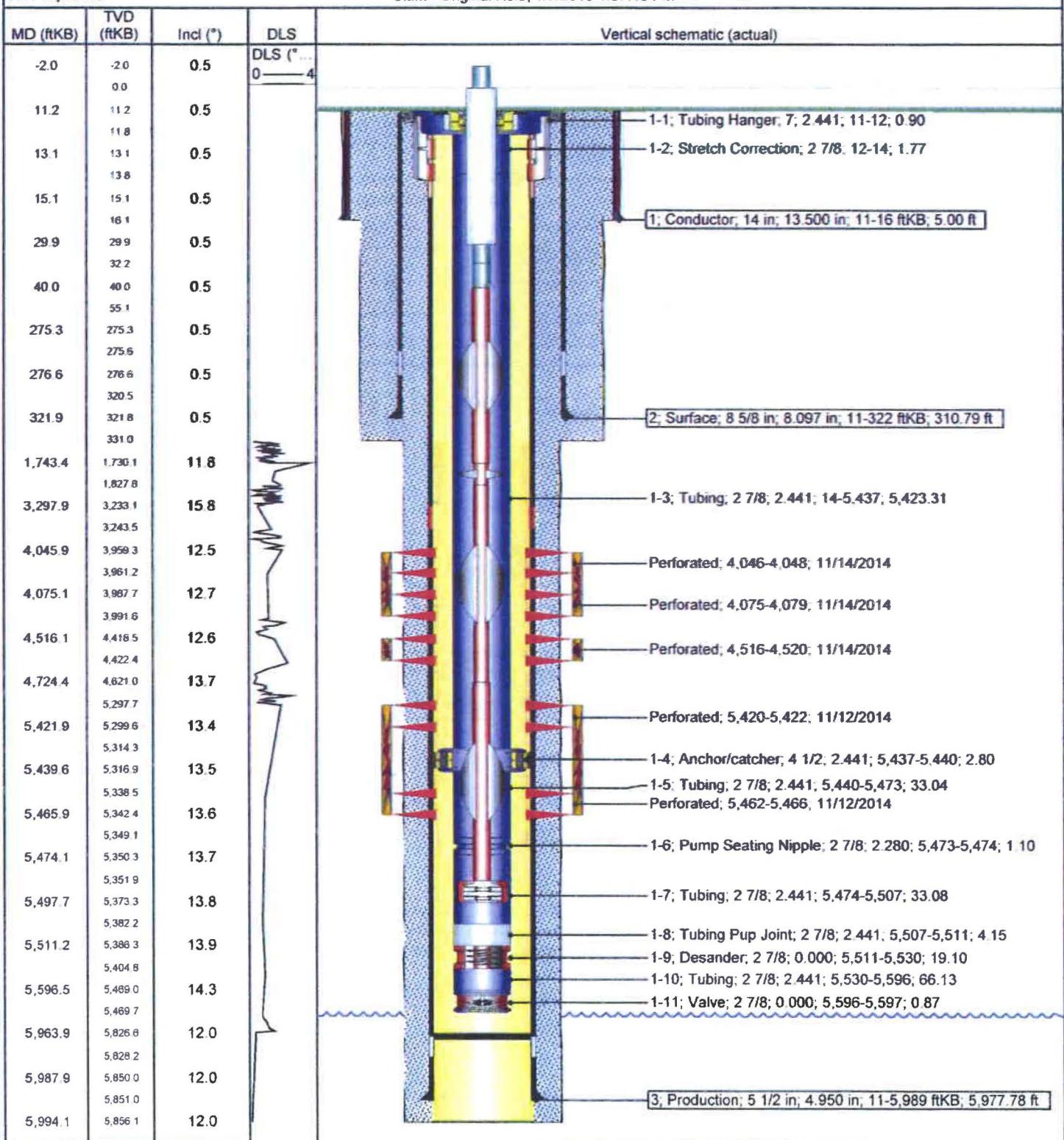
Surface Legal Location SESE 633 FSL 632 FWL Sec 13 T9S R16E			API/UWI 43013525170000	Well RC 500366722	Lease UTU64805	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 10/9/2014			Rig Release Date 10/30/2014	On Production Date 11/20/2014	Original KB Elevation (ft) 5,545	Ground Elevation (ft) 5,534	Total Depth All (TVD) (ftKB) Original Hole - 5,856.0	PBTD (All) (ftKB) Original Hole - 5,964.0

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 11/12/2014	Job End Date 11/20/2014
------------------------------------	----------------------------------------	---------------------------	------------------------------	----------------------------

TD: 5,994.0

Slant - Original Hole, 1/7/2015 1:57:48 PM



Units of Measurement: Standard

Water Analysis Report

Production Company: NEWFIELD PRODUCTION
 Well Name: FEDERAL 2-24-9-16
 Sample Point:
 Sample Date: 4/21/2014
 Sample ID: WA-272368

Sales Rep: Pete Prodromides
 Lab Tech: Gary Winegar

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

Sample Specifics		Analysis @ Properties in Sample Specifics											
Test Date:	4/22/2014	Cations					mg/L		Anions				
System Temperature 1 (°F):	120	Sodium (Na):					10059.91		Chloride (Cl):			15000.00	
System Pressure 1 (psig):	60	Potassium (K):					29.00		Sulfate (SO4):			783.00	
System Temperature 2 (°F):	210	Magnesium (Mg):					3.50		Bicarbonate (HCO3):			0.00	
System Pressure 2 (psig):	60	Calcium (Ca):					0.00		Carbonate (CO3):				
Calculated Density (g/ml):	1.015	Strontium (Sr):					3.60		Acetic Acid (CH ₃ COO):				
pH:	9.00	Barium (Ba):					0.00		Propionic Acid (C ₂ H ₅ COO):				
Calculated TDS (mg/L):	25922.27	Iron (Fe):					19.00		Butanoic Acid (C ₃ H ₇ COO):				
CO ₂ in Gas (%):		Zinc (Zn):					0.50		Isobutyric Acid ((CH ₃) ₂ CHCOO):				
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):					0.00		Fluoride (F):				
H ₂ S in Gas (%):		Ammonia NH ₃ :							Bromine (Br):				
H ₂ S in Water (mg/L):		Manganese (Mn):					0.22		Silica (SiO ₂):			23.54	

Notes:

NOT ABLE TO GET BICARBS AND DISSOLVED H₂S. B=0 Al=0 Li=.89

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure:

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

ATTACHMENT F

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

multi-chem®

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3 of 6

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **BELUGA INJ FACILITY**
 Sample Point: **Commingled After**
 Sample Date: **11/4/2013**
 Sample ID: **WA-257478**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

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

Sample Specifics		Analysis @ Properties in Sample Specifics											
		Cations mg/L						Anions mg/L					
Test Date:	11/11/2013	Sodium (Na):	2661.00	Chloride (Cl):	5000.00								
System Temperature 1 (°F):	300	Potassium (K):	34.00	Sulfate (SO ₄):	266.00								
System Pressure 1 (psig):	1300	Magnesium (Mg):	24.00	Bicarbonate (HCO ₃):	1654.00								
System Temperature 2 (°F):	70	Calcium (Ca):	46.00	Carbonate (CO ₃):									
System Pressure 2 (psig):	15	Strontium (Sr):	4.90	Acetic Acid (CH ₃ COO):									
Calculated Density (g/ml):	1.004	Barium (Ba):	3.90	Propionic Acid (C ₂ H ₅ COO):									
pH:	8.30	Iron (Fe):	1.23	Butanoic Acid (C ₃ H ₇ COO):									
Calculated TDS (mg/L):	9712.71	Zinc (Zn):	0.33	Isobutyric Acid ((CH ₃) ₂ CHCOO):									
CO ₂ in Gas (%):		Lead (Pb):	0.08	Fluoride (F):									
Dissolved CO ₂ (mg/L):	224.00	Ammonia NH ₃ :		Bromine (Br):									
H ₂ S in Gas (%):		Manganese (Mn):	0.36	Silica (SiO ₂):	16.91								
H ₂ S in Water (mg/L):	9.00												

Notes:

B=4.9 Al=.07 Li=.58

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.36	34.40	1.80	2.29	3.26	0.68	1.61	0.87	0.00	0.00	0.00	0.00	0.00	0.00	10.92	0.17
95.00	157.00	1.40	34.75	1.56	2.26	3.05	0.68	1.75	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.41	0.17
121.00	300.00	1.48	35.82	1.38	2.23	2.93	0.68	1.90	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.17
146.00	443.00	1.57	36.86	1.25	2.19	2.87	0.68	2.04	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.66	0.17
172.00	585.00	1.68	37.77	1.16	2.16	2.86	0.68	2.19	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.17
197.00	728.00	1.81	38.51	1.10	2.13	2.88	0.68	2.32	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.16	0.17
223.00	871.00	1.94	39.07	1.06	2.12	2.94	0.68	2.45	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.17
248.00	1014.00	2.09	39.48	1.05	2.12	3.03	0.68	2.56	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.17
274.00	1157.00	2.24	39.75	1.06	2.12	3.13	0.68	2.67	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.69	0.17
300.00	1300.00	2.39	39.94	1.08	2.13	3.25	0.68	2.76	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.17

ATTACHMENT F

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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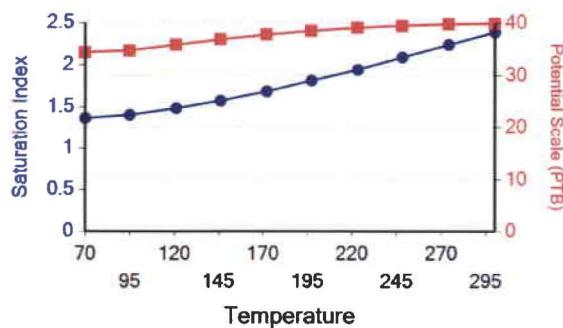
Water Analysis Report

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		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	0.22	0.09	12.71	0.03	0.28	1.78	0.00	0.00	5.30	0.94
95.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.16	11.88	0.03	1.28	6.70	0.20	1.31	5.82	0.95
121.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.20	11.19	0.03	2.42	11.92	0.83	4.31	6.53	0.95
146.00	443.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.21	10.60	0.03	3.60	16.34	1.49	6.86	7.30	0.95
172.00	585.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.21	10.11	0.03	4.78	19.10	2.16	8.69	8.11	0.95
197.00	728.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.22	9.69	0.03	5.93	20.16	2.83	9.75	8.94	0.96
223.00	871.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.22	9.33	0.03	7.06	20.43	3.49	10.27	9.76	0.96
248.00	1014.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.22	9.03	0.03	8.12	20.49	4.12	10.50	10.55	0.96
274.00	1157.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.22	8.76	0.03	9.12	20.50	4.71	10.60	11.29	0.96
300.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.22	8.53	0.03	10.04	20.50	5.25	10.64	11.98	0.96

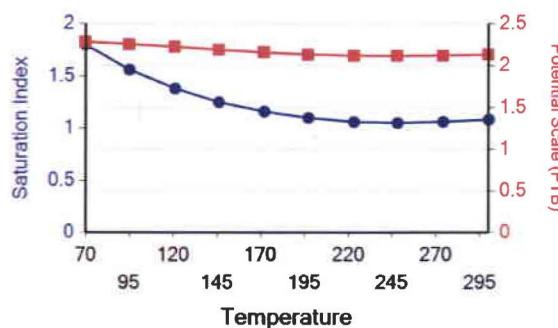
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

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

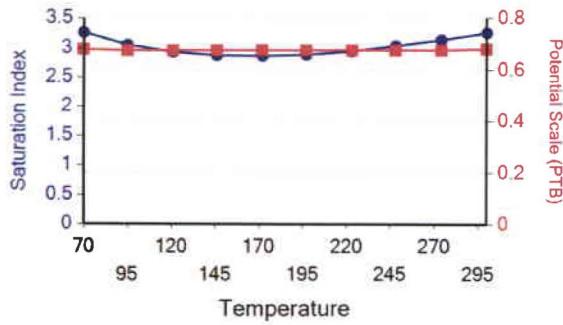
Calcium Carbonate



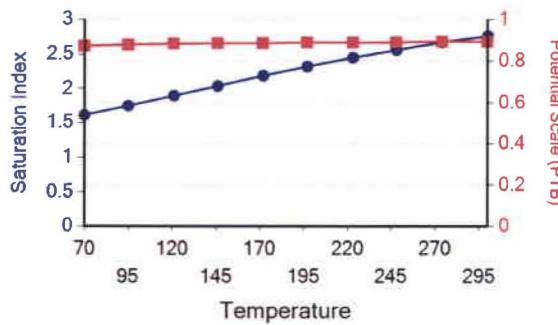
Barium Sulfate



Iron Sulfide



Iron Carbonate



ATTACHMENT F

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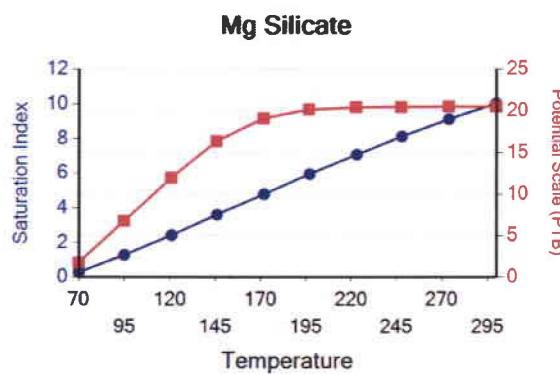
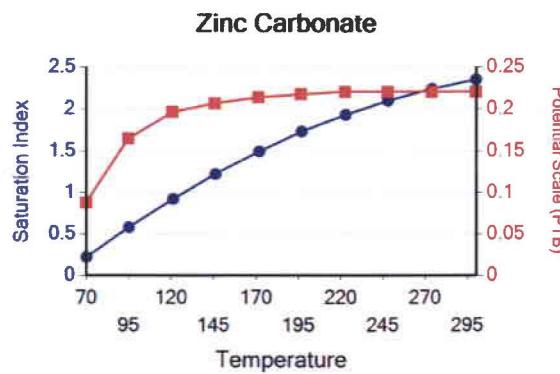
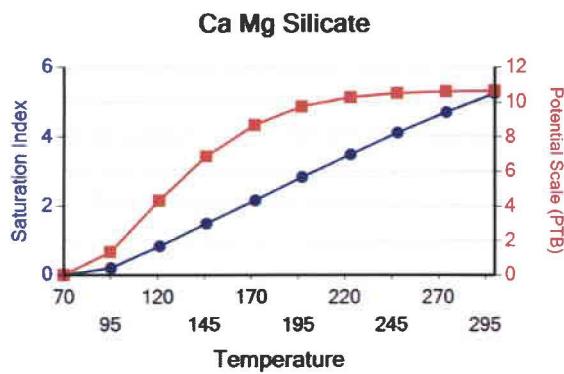
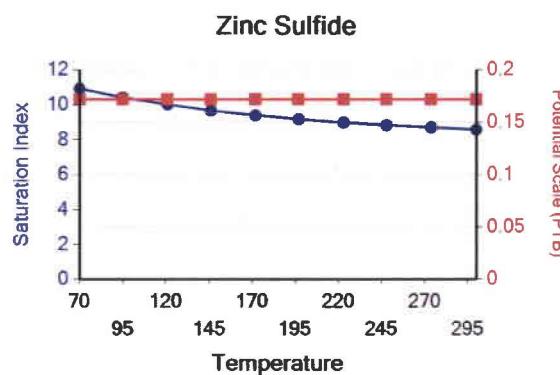
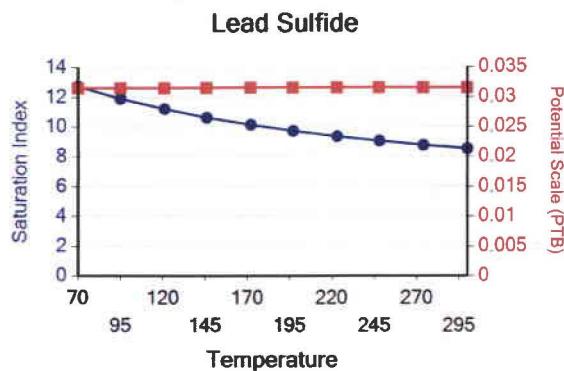
Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

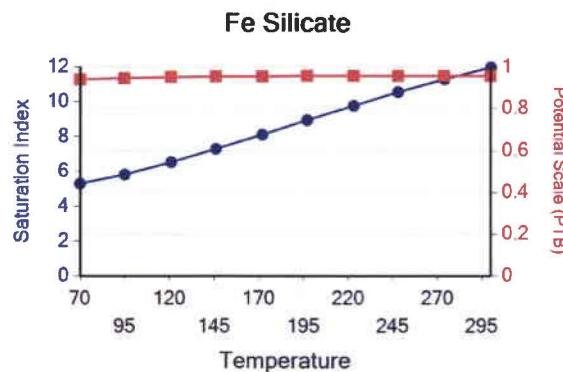
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Water Analysis Report



6 of 6

Water Analysis Report



Attachment "G"

Federal #2-24-9-16
Proposed Maximum Injection Pressure

Frac Interval				Calculated	
	(feet)	Avg. Depth	ISIP	Frac	Gradient
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5574	5588	5581	2173	0.82	2137
3950	3970	3960	1775	0.88	1749 ←
			Minimum	1749	

Calculation of Maximum Surface Injection Pressure

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

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

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

Daily Activity Report**Format For Sundry****FEDERAL 2-24-9-16****9/1/2007 To 1/30/2008****11/1/2007 Day: 1****Completion**

Rigless on 10/31/2007 - 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 @ 5665' & cement top @ 40'. Perforate stage #1. CP5 sds @ 5574-88' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. 136 BWTR. SIFN.

11/10/2007 Day: 2**Completion**

Rigless on 11/9/2007 - RU BJ Services. 5 psi on well. Frac CP5 sds w/ 75,968#'s of 20/40 sand in 619 bbls of Lightning 17 fluid. Broke @ 3101 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1986 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2173 psi. Leave pressure on well. 755 BWTR RU Perforators WLT, mast & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 20' perf gun. Set plug @ 4070'. Perforate GB6 sds @ 3950- 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 80 shots (2 runs off mast). RU BJ Services. 1764 psi on well. Frac GB6 sds w/ 151,571#'s of 20/40 sand in 1011 bbls of Lightning 17 fluid. Broke @ 3707 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1593 psi @ ave rate of 23.1 BPM. ISIP 1775 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 1/2 hrs & died. Rec. 390 BTF. 1376 BWTR.

11/14/2007 Day: 3**Completion**

NC #2 on 11/13/2007 - MIRU NC #2. Bleed off well. ND Weatherford 5000# BOPs & well head. NU 3000# Weatherford BOPs. SDFN.

11/15/2007 Day: 4**Completion**

NC #2 on 11/14/2007 - PU 128- jts 2 7/8 j-55 6.5# tbg (tallying & drifting) from trailer w/ 4 3/4" chomp bit & tag fill @ 4060'. RU power swivel. Clean out to plug @ 4070' & drill up plug in 30 minutes. Circulate well clean. PU 47- jt 2 7/8 tbg & tag fill @ 5590', clean out to PBTD @ 5696'. Circulate well clean. RD power swivel. TOOH w/ 3- jts 2 7/8 tbgs. SDFN.

11/16/2007 Day: 5**Completion**

NC #2 on 11/15/2007 - Thaw tbgs & csg valves. RU swab equipment. Made 16 swab runs w/ SFL @ surface & EFL @ 1400', w/ trace of oil, good show of gas & small trace of sand. Recovered 144 bbls fluid. RD swab equipment. TIH w/ tbgs & tag fill @ 5685'. Clean out to PBTD @ 5696' & circulate well clean. LD 3- jts tbgs & TOOH w/ 175- jts 2 7/8" tbgs, LD BHA. Drain pump & pump lines. SDFN.

11/17/2007 Day: 6**Completion**

NC #2 on 11/16/2007 - TIH w/ tbgs as detailed below. RD rig floor. ND BOPs. Set TA @ 5555' w/ 16000# tension. NU wellhead. Flush tbgs w/ 60 BW. PU & prime CDI 2 1/2" X 1 1/2" X 10' X 14' RHAC pump. PU rods from trailer as follows: 6- 1 1/2" weight rods, 20- 3/4" guided rods, 96- 3/4" plain rods, 100- 3/4" guided rods, 1-8', 2-6', 1-4', 2' X 3/4" pony rods, 1 1/2" X 26' polished rod. RU pumping unit. Fill tbgs w/ 5 BW & test to 200 psi. Stroke test pump w/ unit to 800 psi (good test). RD pump & pump lines. RDMOSU. PWOP @ 5:00 PM w/ 76" SL & 5 SPM. Est 1446 BWTR. Final Report!

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3900'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 149' balance plug using 19 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 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 1/2" casing to 372'.

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

FEDERAL 2-24-9-16

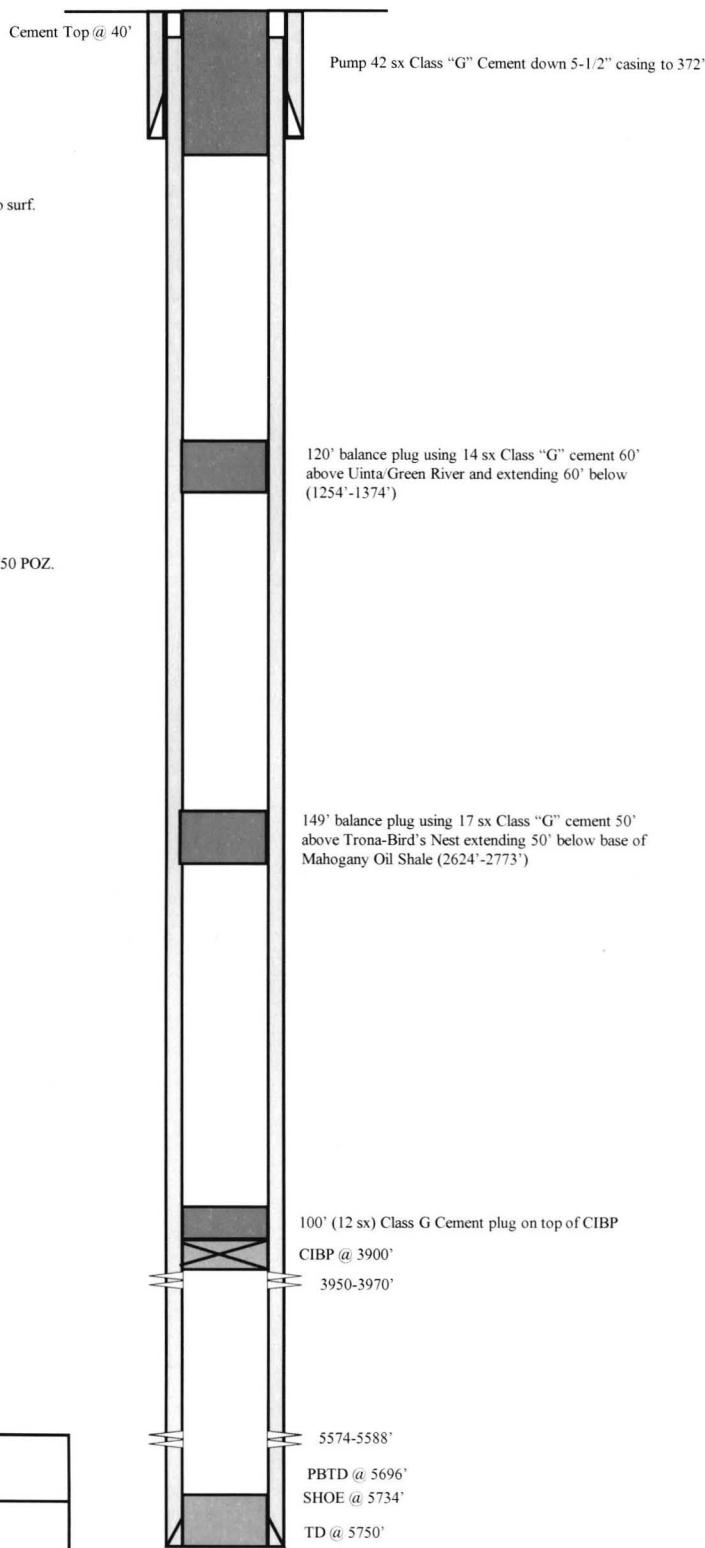
Spud Date: 10/11/07
 Put on Production: 10/16/07
 GL: 5559' KB: 5571'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.63')
 DEPTH LANDED: 322.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

Proposed P & A
Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD



NEWFIELD

FEDERAL 2-24-9-16
 595' FNL & 2010' FEL
 NW/NE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33083; Lease # UTU-15855

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
<p>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.</p>		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: Federal 2-24-9-16	
2. NAME OF OPERATOR: Newfield Production Company		9. API NUMBER: 43013330830000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 595 FNL 2010 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 24 Township: 9S Range: 16E Meridian: S		COUNTY: DUCESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 09/23/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/26/2019 the casing was pressured up to 1031 psig and charted for 25 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1695 psig during the test. There was a State representative available to witness the test – Mark Reinbold.</p>			
<i>Accepted by the</i> <i>Utah Division of</i> <i>Oil, Gas and Mining</i> FOR RECORD ONLY October 24, 2019			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A		DATE 10/3/2019	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company
10530 South County Rd #33
Myton, UT 84052
435.646.3721

UDOGM Witness: MARK Reinhold Date: 9-26-2019 Time: 10:47 am pm
Test Conducted By: EVERETT LINRICH

Others Present: _____

Well Name:	<u>FEDERAL 2-24-9-16</u>		
Field:	<u>Monument Butte</u>	County:	<u>Duchesne</u>
Location:	<u>NWNE</u>	T <u>9</u>	N/S <u>16</u>
Operator:	<u>Newfield</u>	R <u>16</u>	E/W <u>W</u>
Last MIT:	<u>10/21/2014</u>		
	Maximum Allowable Pressure: <u>1749</u> psig		

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

Pre-test casing / tubing annulus pressure: 0 / 1695 psig

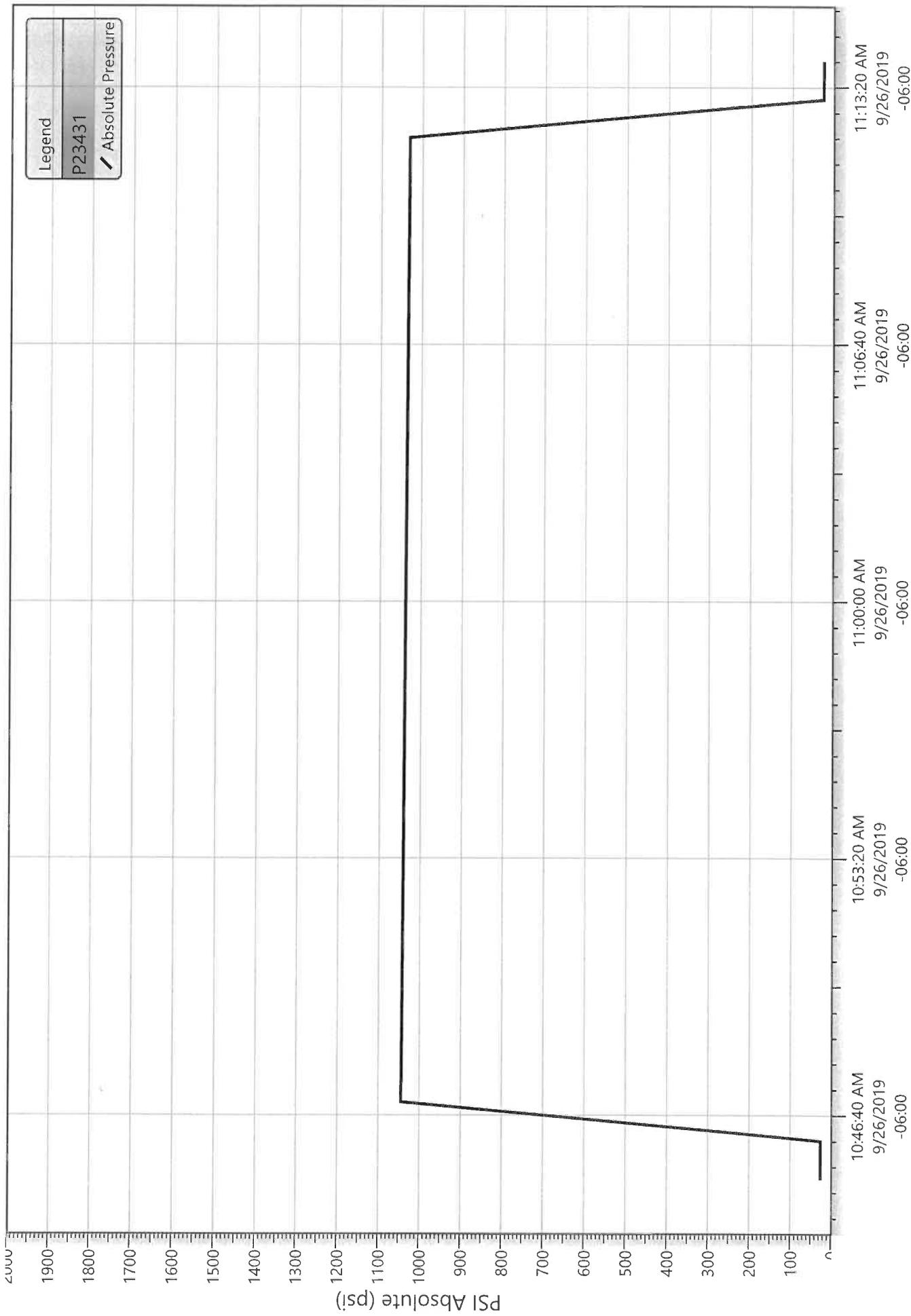
MIT DATA TABLE		Test #1	Test #2
TUBING			PRESSURE
Initial Pressure	<u>1695</u>	psig	psig
End of test pressure	<u>1695</u>	psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes	<u>1043.6</u>	psig	psig
5 minutes	<u>1041.0</u>	psig	psig
10 minutes	<u>1038.0</u>	psig	psig
15 minutes	<u>1035.4</u>	psig	psig
20 minutes	<u>1033.0</u>	psig	psig
25 minutes	<u>1031.2</u>	psig	psig
30 minutes		psig	psig
minutes		psig	psig
minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	{ } Fail	{ } Pass
			{ } Fail

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

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

Signature of Witness: Mark L Reinhold

Signature of Person Conducting Test: Everett Linrich



Effective Date:	1/24/2020
FORMER OPERATOR: Newfield Production Company	NEW OPERATOR: Ovintiv Production, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

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

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020

Reports current for Production/Disposition & Sundries:

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

Surface Facility(s) included in operator change:

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

1/14/2021

12/21/2020

3/25/2020

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):

B001834.A
107238142-Shut-In Bond

DATA ENTRY:

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

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

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

Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

SUNDY 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 <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list	
2. NAME OF OPERATOR:	Newfield Production Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
3. ADDRESS OF OPERATOR:	4 Waterway Square Place St	CITY	The Woodlands	STATE TX ZIP 77380	7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL				8. WELL NAME and NUMBER: see attached	
FOOTAGES AT SURFACE:				9. API NUMBER: attached	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:				10. FIELD AND POOL, OR WILDCAT: attached	

FOOTAGES AT SURFACE: COUNTY:

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

UTAH

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

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

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

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

PREVIOUS NAME:

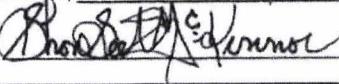
Newfield Producion Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NEW NAME:

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

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE 

DATE 3/16/2020

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Newfield Production Company

3. ADDRESS OF OPERATOR:
4 Waterway Square Place St CITY The Woodlands STATE TX ZIP 77380 PHONE NUMBER: (435) 646-4936

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____ COUNTY: _____

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: **UTAH**

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

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

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

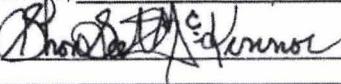
This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:

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

NEW NAME:

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

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

(This space for State use only)



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

Company: Newfield Production Company
Address: 4 Waterway Square Place, Suite 100
city The Woodlands state TX zip 77380
Phone: (435) 646-4825

Comments:

Name: Shon McKinnon
Signature: 
Title: Regulatory Manager, Rockies
Date: 3/18/2020

NEW OPERATOR

Company: Ovintiv Production, Inc
Address: 4 Waterway Square Place, Suite 100
city The Woodlands state TX zip 77380
Phone: (435) 646-4825

Comments:

Name: Shon McKinnon
Signature: 
Title: Regulatory Manager, Rockies
Date: 3/18/2020

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining



Mar 25, 2020

EPA approval required

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

Effective Date:	7/1/2021
FORMER OPERATOR:	NEW OPERATOR:
Ovintiv Production, Inc.	Ovintiv USA, Inc.

Groups: Greater Monument Butte

WELL INFORMATION:

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

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on:

9/15/2021

Reports current for Production/Disposition & Sundries:

9/22/2021

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

10/25/2021

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

10/4/2021

Surface Facility(s) included in operator change:

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

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):

B001834-B
107238142A

DATA ENTRY:

Well(s) update in the RBDMS on:

11/24/2021

Group(s) update in RDBMS on:

11/21/2021

Surface Facilities update in RBDMS on:

11/24/2021

Entities Updated in RBDMS on:

11/24/2021

COMMENTS:

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

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

FORM 9

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 <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list	
2. NAME OF OPERATOR:	Ovintiv Production, Inc.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
3. ADDRESS OF OPERATOR:	4 Waterway SQ PL STE 100	CITY	The Woodlands	STATE TX ZIP 77380	7. UNIT or CA AGREEMENT NAME:
				8. WELL NAME and NUMBER:	
				9. API NUMBER:	
4. LOCATION OF WELL				10. FIELD AND POOL, OR WILDCAT:	

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Julia Carter TITLE Manager, US Regulatory Operations
SIGNATURE Julia Carter DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

Company: Ovintiv Production, Inc.
Address: 4 Waterway Square Place, Suite 100
city The Woodlands state TX zip 77380
Phone: (281) 210-5100

Comments:

Name: Julia Carter
Signature: Julia Carter
Title: Manager, US Regulatory Operations
Date: 9/8/2021

NEW OPERATOR

Company: Ovintiv USA Inc.
Address: 4 Waterway Square Place Suite 100
city The Woodlands state TX zip 77380
Phone: (281) 210-5100

Comments:

Name: Julia Carter
Signature: Julia Carter
Title: Manager, US Regulatory Operations
Date: 9/8/2021

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Oct 04, 2021

EPA approval required

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

Effective Date:	9/1/2022
FORMER OPERATOR:	NEW OPERATOR:
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

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

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

- | | |
|-----------------------------------------------------------------------------------|---------------|
| 1. Sundry or legal documentation was received from the FORMER operator on: | 9/26/2022 |
| 2. Sundry or legal documentation was received from the NEW operator on: | 9/26/2022 |
| 3. New operator Division of Corporations Business Number: | 12607016-0161 |

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022

Reports current for Production/Disposition & Sundries: 10/19/2022

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022

Surface Facility(s) included in operator change: 10/19/2022

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

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

Surface Facilities update in RBDMS on:

Entities Updated in RBDMS on: NA

1/25/2023

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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 <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A		
2. NAME OF OPERATOR:	Scout Energy Management, LLC			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A		
3. ADDRESS OF OPERATOR:	13800 Montfort Road, Suite 1	CITY Dallas	STATE TX	ZIP 75240	PHONE NUMBER: (972) 325-1096	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
4. LOCATION OF WELL	FOOTAGES AT SURFACE: See attached Exhibit A			8. WELL NAME and NUMBER: See attached Exhibit A		
				9. API NUMBER: Attached		
				10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A		
				COUNTY:		
				STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION		TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____			
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)						
Date of work completion:	9/1/2022					

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

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

PREVIOUS OPERATOR:

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

NEW OPERATOR:

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

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

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

NAME (PLEASE PRINT) Todd Flott

TITLE Managing Director

SIGNATURE Todd Flott

DATE 8/31/2022

(This space for State use only)

(See Instructions on Reverse Side)

APPROVED

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



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: Ovintiv USA Inc.
Address: 4 Waterway Square Place, Suite 100
city The Woodlands state TX zip 77380
Phone: 281-210-5100

Comments: UIC wells under UDOGM Jurisdiction

Name: Christian C. Sizemore
Signature:
Title: Director, Rockies and Land Innovation
Date: 11/16/2022

NEW OPERATOR

Company: Scout Energy Management LLC
Address: 13800 Montford Road, Suite 100
city Dallas state TX zip 75240
Phone: 972-325-1027

Comments: Change of operator effective 9/1/2022

Name: Jon Piot
Signature:
Title: Managing Director
Date: 11/15/2022

(This space for State use only)

EPA approval required

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte	
2. NAME OF OPERATOR: Scout Energy Management, LLC		8. WELL NAME and NUMBER: Federal 2-24-9-16	
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240		9. API NUMBER: 43013330830000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 595 FNL 2010 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 24 Township: 9S Range: 16E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APP EXTENSION OTHER: <input type="text" value="MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A 5 YR MIT was performed on the above listed well. On 6/26/24 the casing was pressured up to 1449 PSIG and charted for 20 minutes with no pressure loss. The tubing was 1132 PSIG during the test. State representative, Adam Miller, was present during testing			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) July 10, 2024			
NAME (PLEASE PRINT) Danene Harvey		PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst
SIGNATURE N/A		DATE 7/1/2024	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Scout EP

1820 W Highway 40

Roosevelt, UT 84066

435.352.6282

Witness Adam Miller Date: 06/26/2024 Time: 11:50 am pm
 Test Conducted By: Troy Blackburn
 Others Present: _____

43-013-33083

Well Name:	<u>Federal 2-24-9-16</u>		
Field:	<u>GmBU</u>		
Location:	<u>2</u>	Sec: <u>24</u>	T <u>9</u>
Operator:	<u>SCOUT</u> <u>EP</u>		
Last MI	<u>/</u>	<u>/</u>	Maximum Allowable Pressure: <u>1749</u> psig

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

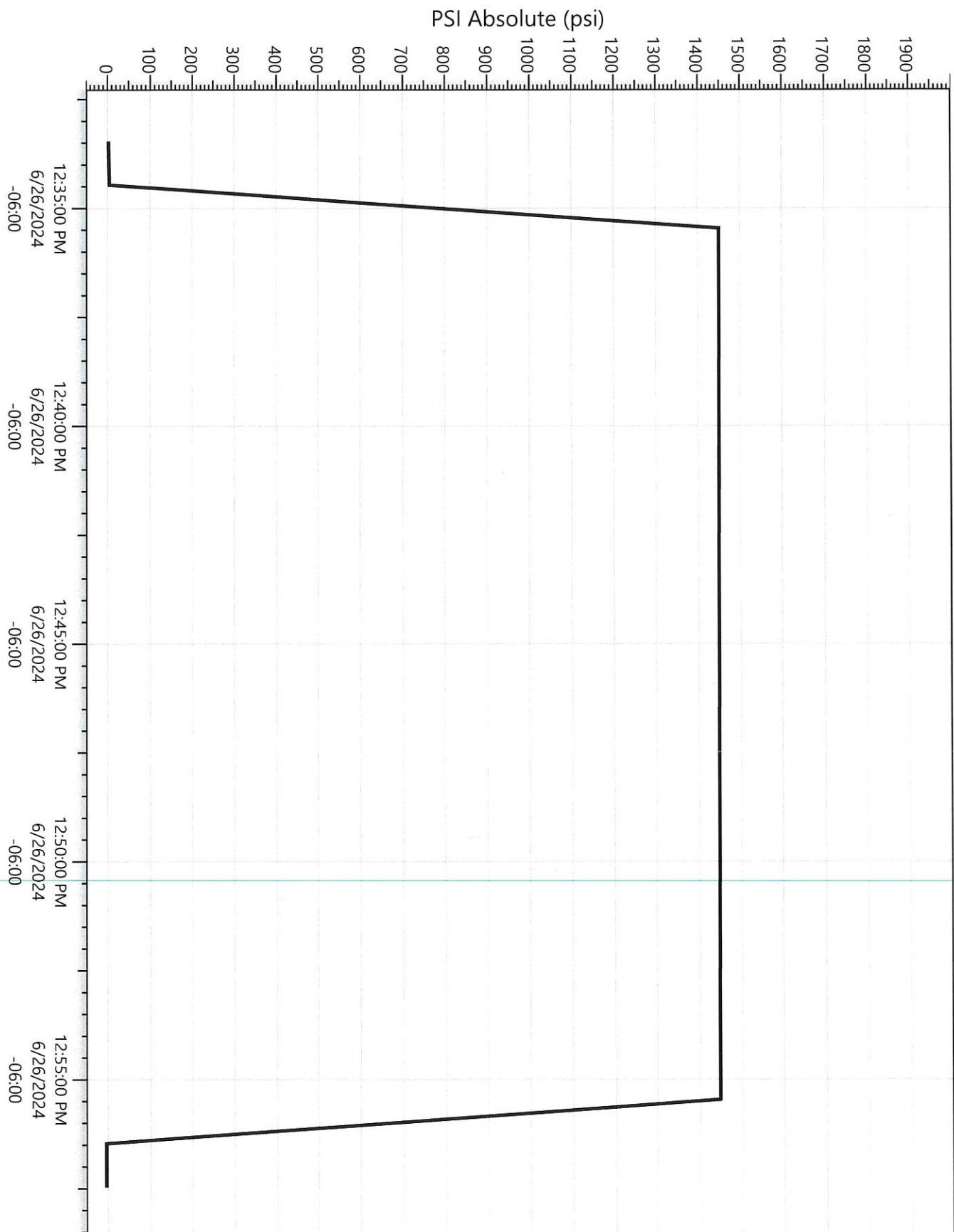
Pre-test casing / tubing annulus pressure: 0 / 1132 psig

MIT DATA TABLE		Test #1	Test #2
TUBING PRESSURE			
Initial Pressure	<u>1132</u>	psig	psig
End of test pressure	<u>1130</u>	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>14419</u>	psig	psig
5 minutes	<u>14418</u>	psig	psig
10 minutes	<u>14417</u>	psig	psig
15 minutes	<u>14416</u>	psig	psig
20 minutes	<u>14416</u>	psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
minutes		psig	psig
minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass
			<input type="checkbox"/> Fail

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

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

Signature of Witness: MMSignature of Person Conducting Test: TB

Federal 2-24-9-16
6/26/2024 12:33:26 PM

Legend
N89296
Pressure