

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 10-22-9-16

9. API Well No.

43-013-33166

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NW/SE Sec. 22, T9S R16E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

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

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

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

At surface NW/SE 1736' FSL 2137' FEL

At proposed prod. zone

576553X 40.013260
4429471Y 110.103015

14. Distance in miles and direction from nearest town or post office*

Approximately 25.5 miles southwest of Myton, Utah

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

Approx. 904' f/lse. NA f/unit

16. No. of Acres in lease

2080.00

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. 1531'

19. Proposed Depth

6060'

20. BLM/BIA Bond No. on file

UTB000192

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

5955' GL

22. Approximate date work will start*

3rd Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release

24. Attachments

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

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

4/25/06

Title

Regulatory Specialist

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date

06-08-06

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

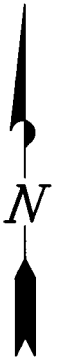
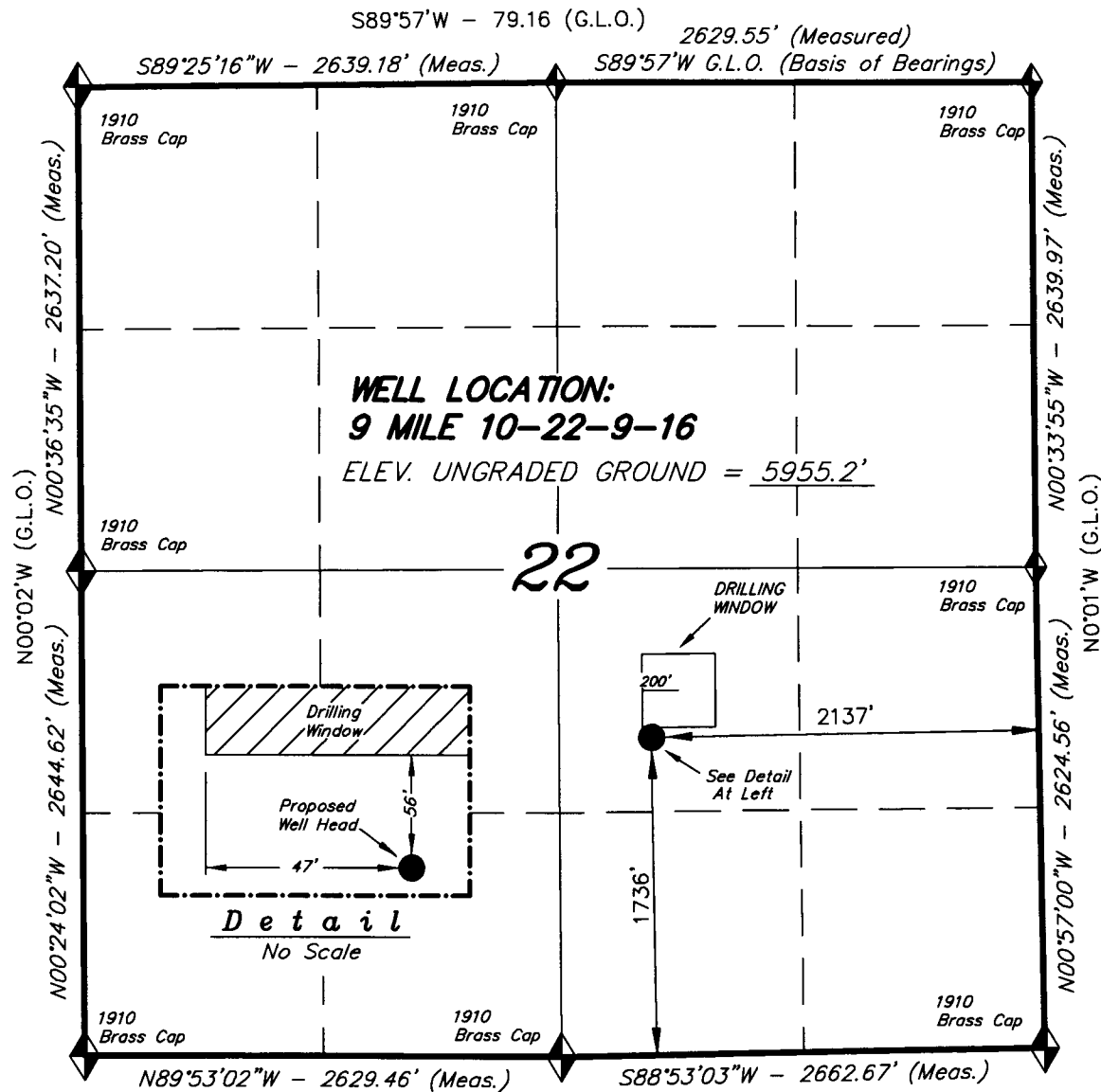
APR 26 2006

DIV. OF OIL, GAS & MINING

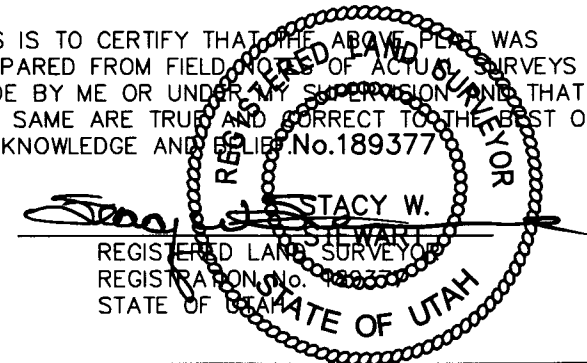
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-22-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 22, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 10-22-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 49.72"
LONGITUDE = 110° 06' 12.99"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



June 1, 2006,

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Locations:
Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391
Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392
Duschene Cty., Utah

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

Federal 11-19-9-16; 1778' FSL, 2197' FWL; 1' South, 107' East of drilling window
Federal 14-19-9-16; 452' FSL, 2258' FWL; 8' South, 167' East of drilling window
Federal 10-22-9-16; 1736' FSL, 2137' FEL; 56' South of the drilling window
Federal 15-22-9-16; 355 FSL, 1987' FEL; 109' South of the drilling window

The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have all been selected due to the extreme terrain.

The locations are found within the two federal leases referenced above. The drillsite leases and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448.
Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script, reading "Laurie Deseau".

Laurie Deseau
Properties Administrator

RECEIVED

JUN 08 2006

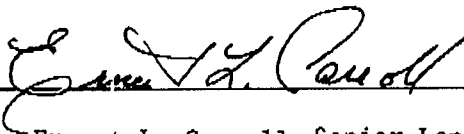
DIV. OF OIL, GAS & MINING

Exception Locations

Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391

Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

By: 

Date: May 18, 2006

Ernest L. Carroll, Senior Land Man
Print Name and Title



April 25, 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 7-19-9-16, 10-19-9-16, 11-19-9-16,
14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and
15-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 26 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #10-22-9-16
NW/SE SECTION 22, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2345'
Green River	2345'
Wasatch	6060'

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

Green River Formation 2345' – 6060' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #10-22-9-16
NW/SE SECTION 22, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #10-22-9-16 located in the NW 1/4 SE 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 0.9 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly - 1.5 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 (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by. Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #10-22-9-16 Newfield Production Company requests 7870' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 7870' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Exceptional Spacing

According to Rule R649-3-2, which governs the location of wells in the State of Utah, Newfield Production is required to request administrative approval for a location exception from all non-unitized lease interest owners within a 460-foot radius of the new proposed location. Our Land Department in Denver has been notified of this exception location and will submit the required Exception Location Letter to all affected lease interest owners.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #10-22-9-16 was on-sited on 3/17/06. The following were present: Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

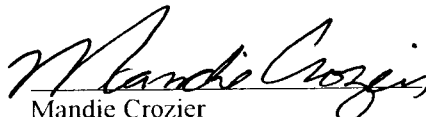
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-22-9-16 NW/SE Section 22, Township 9S, Range 16E: Lease UTU-74392 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 US Specialty Insurance #B001832.

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.

4/25/06

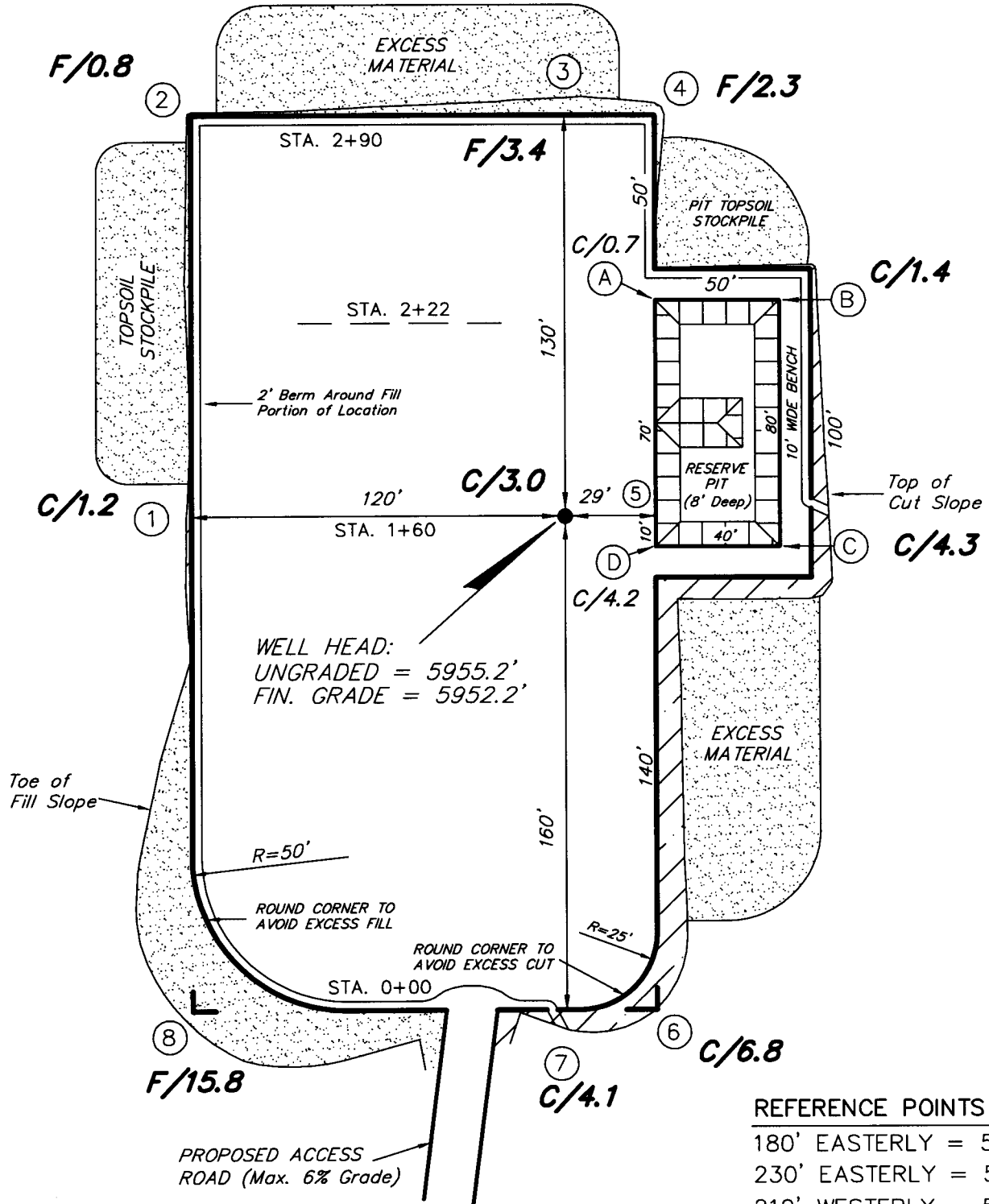
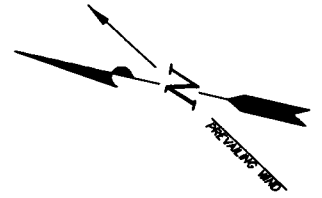
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 10-22-9-16

Section 22, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-3-06

Tri State
 Land Surveying, Inc.

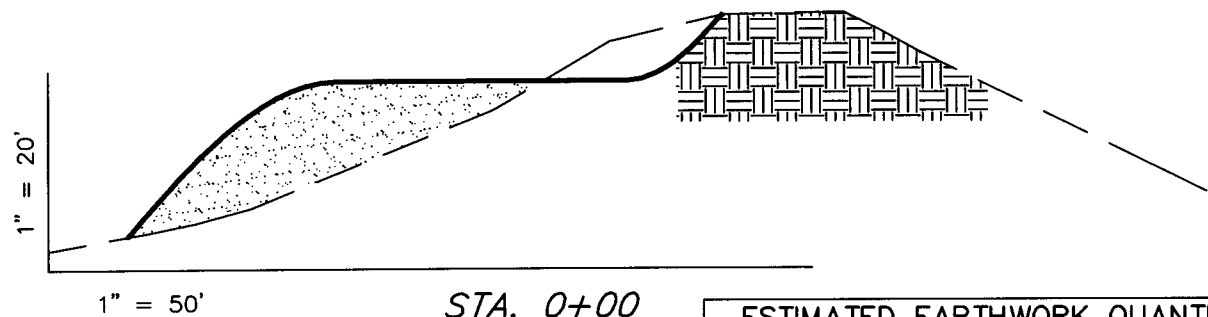
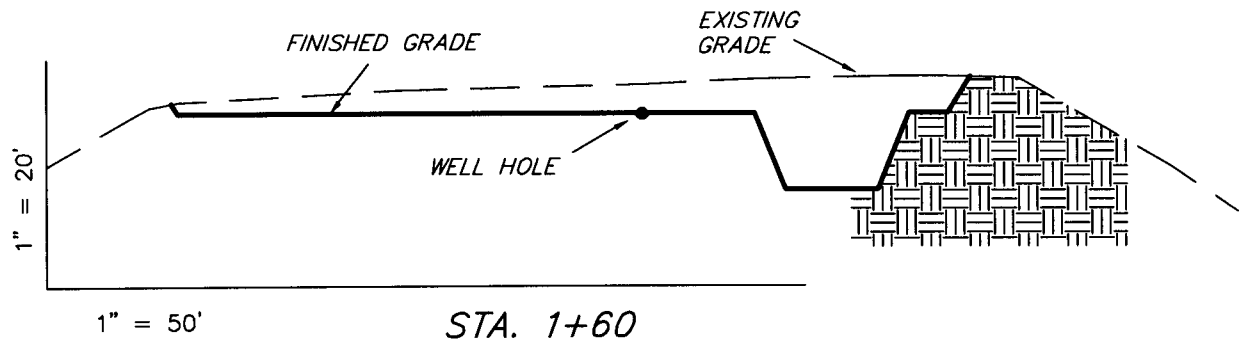
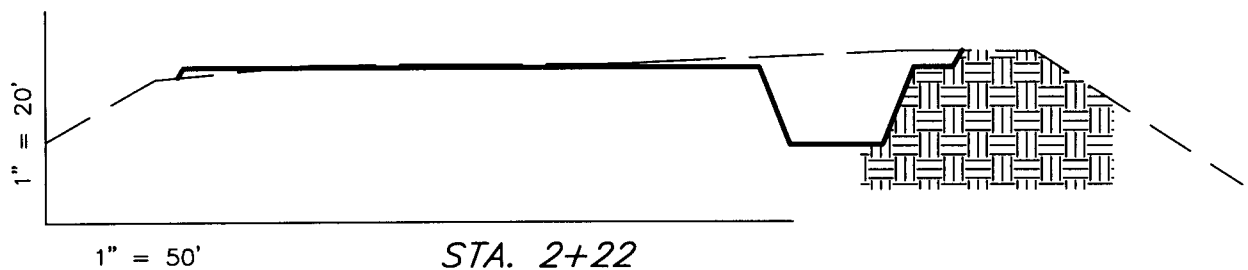
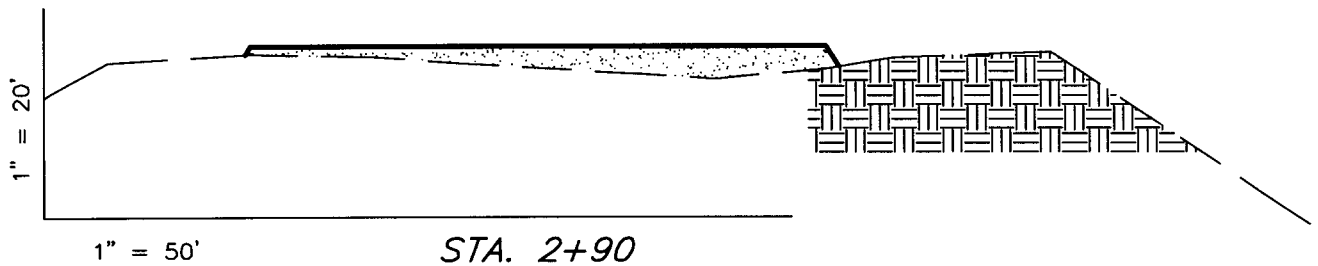
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 10-22-9-16



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,540	2,540	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,180	2,540	995	640

SURVEYED BY: C.M.

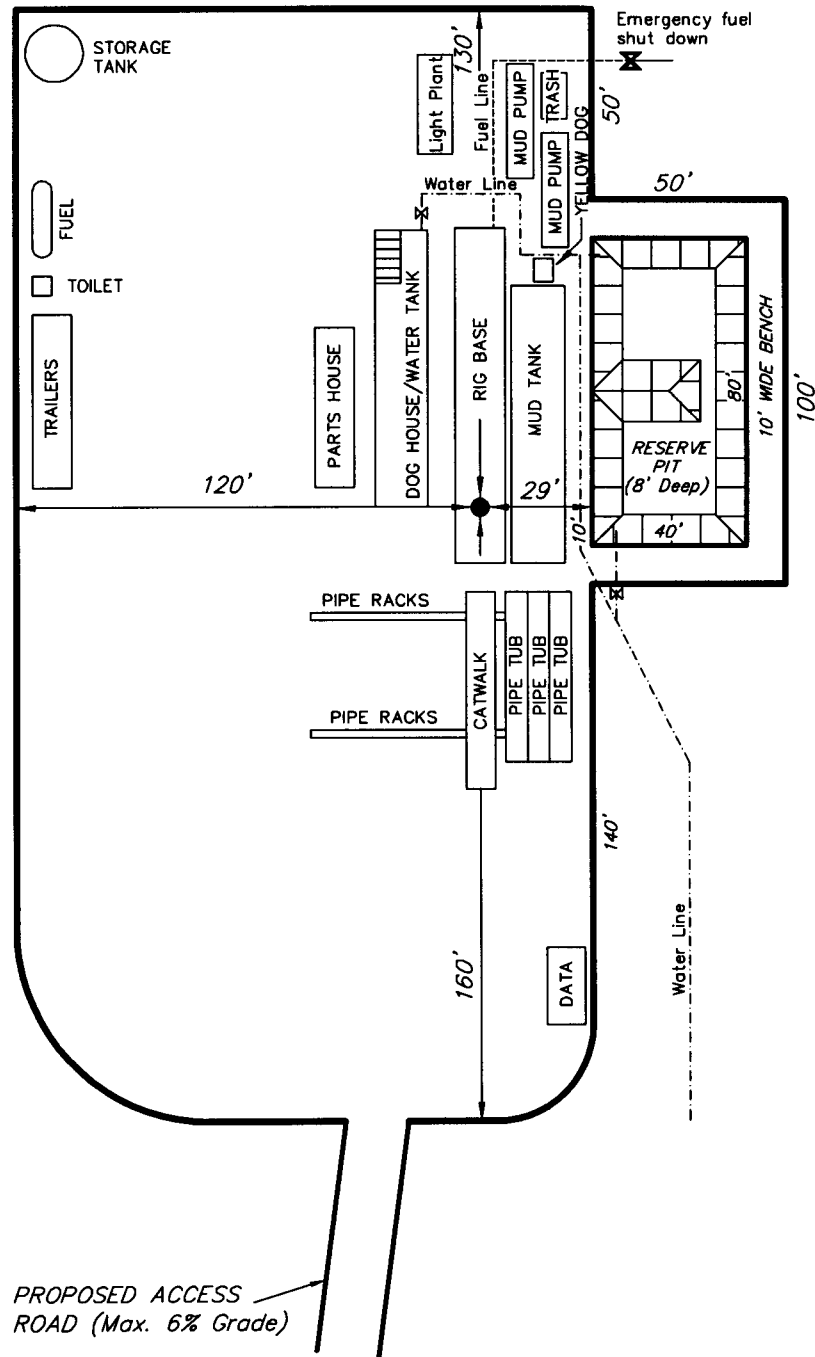
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-3-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 10-22-9-16



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-3-06

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

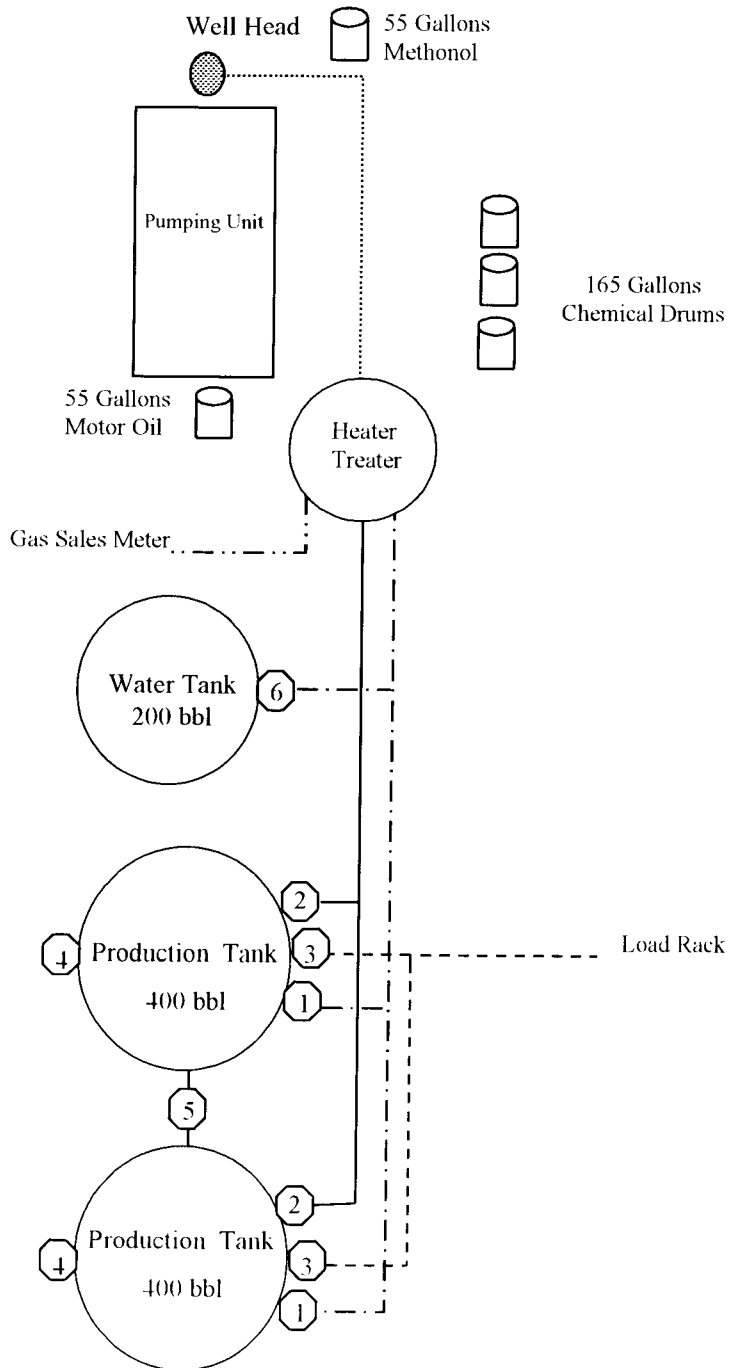
Newfield Production Company Proposed Site Facility Diagram

Federal 10-22-9-16

NW/SE Sec. 22, T9S, 16E

Duchesne County, Utah

UTU-74392



Legend

Emulsion Line
Load Rack - - - - -
Water Line - · - · - · - · - ·
Gas Sales - · · - - · - · - · - ·
Oil Line —————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

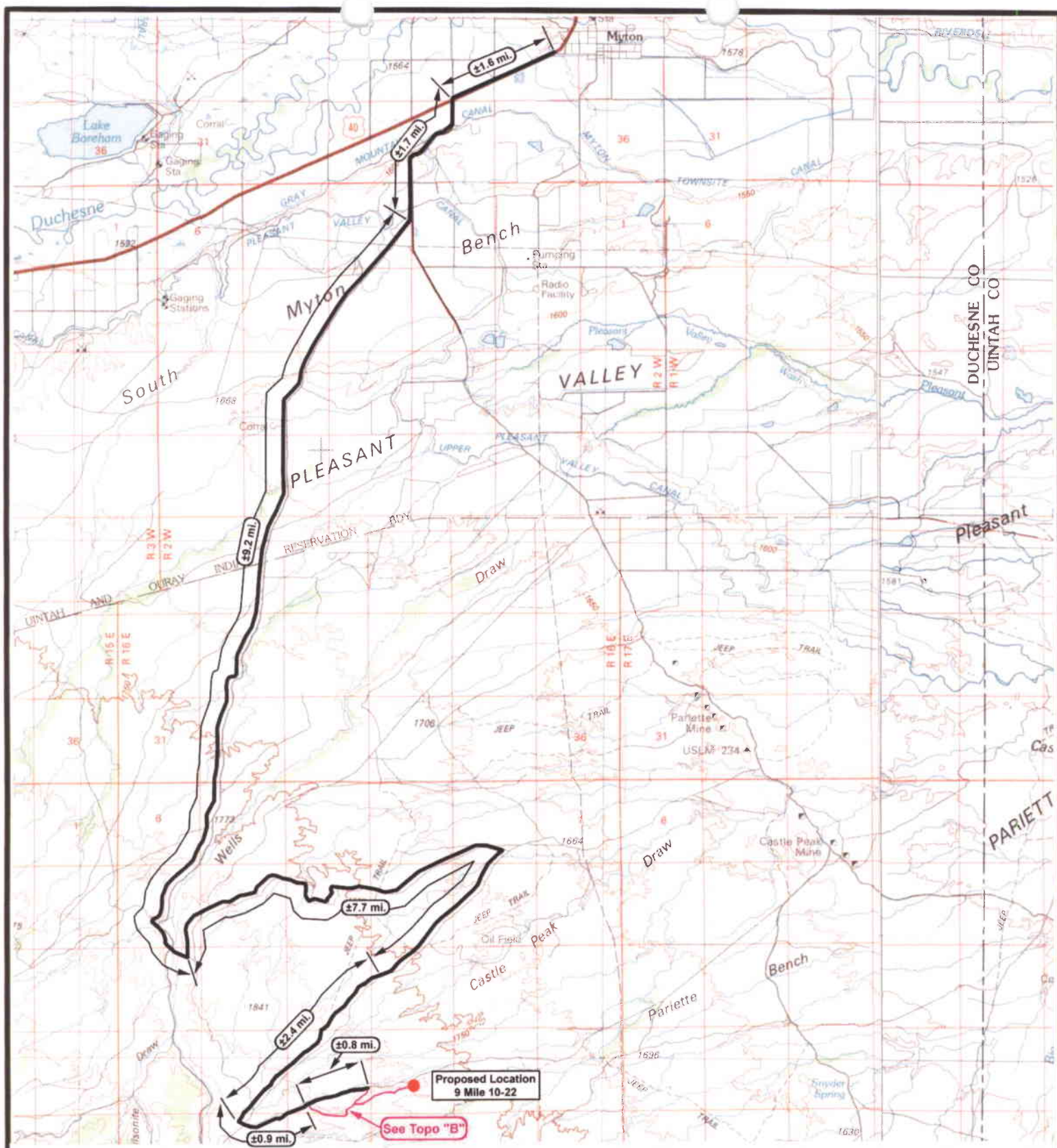
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





NEWFIELD
Exploration Company

9 Mile 10-22-9-16
SEC. 22, 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

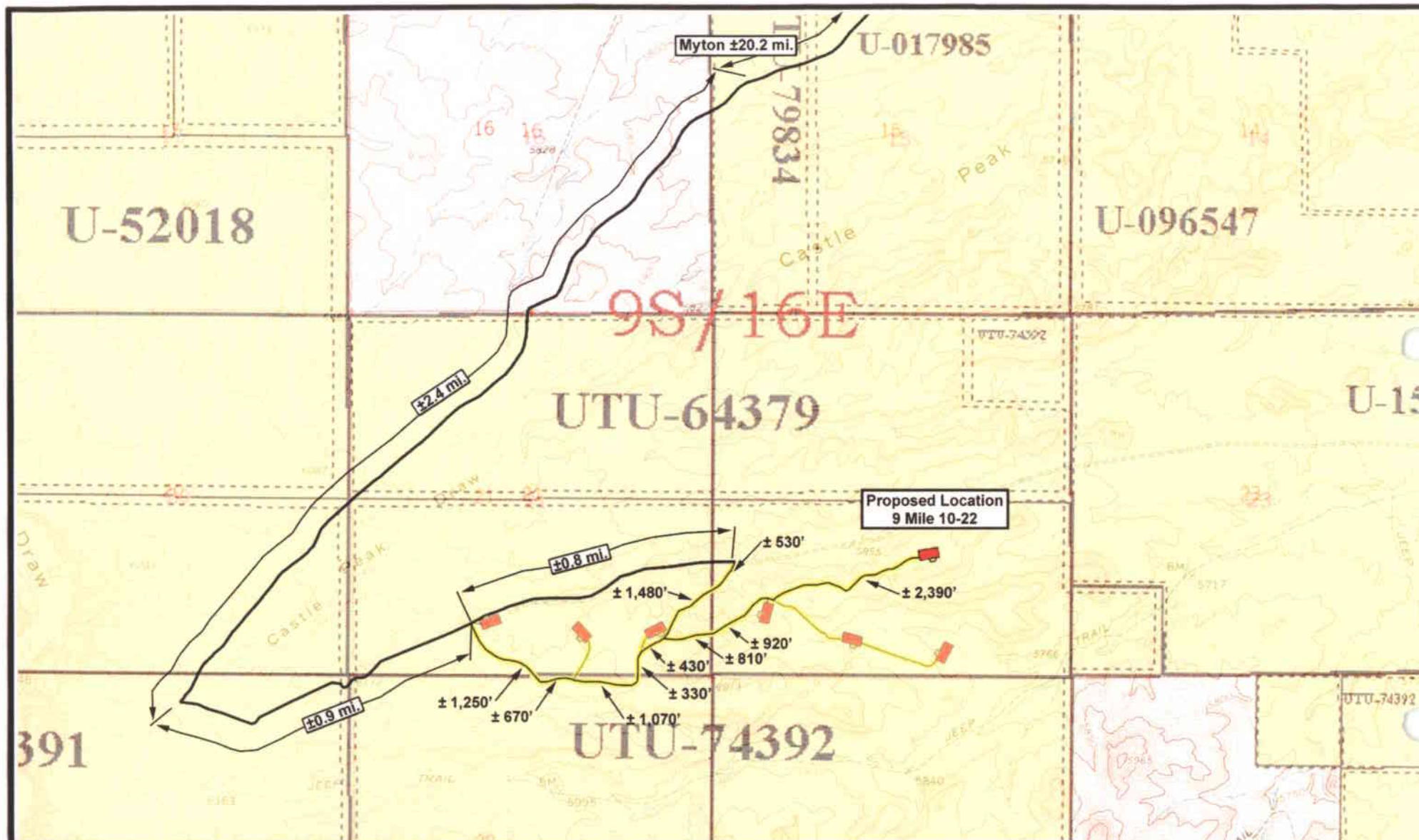
DATE: 04-04-2006

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 10-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.

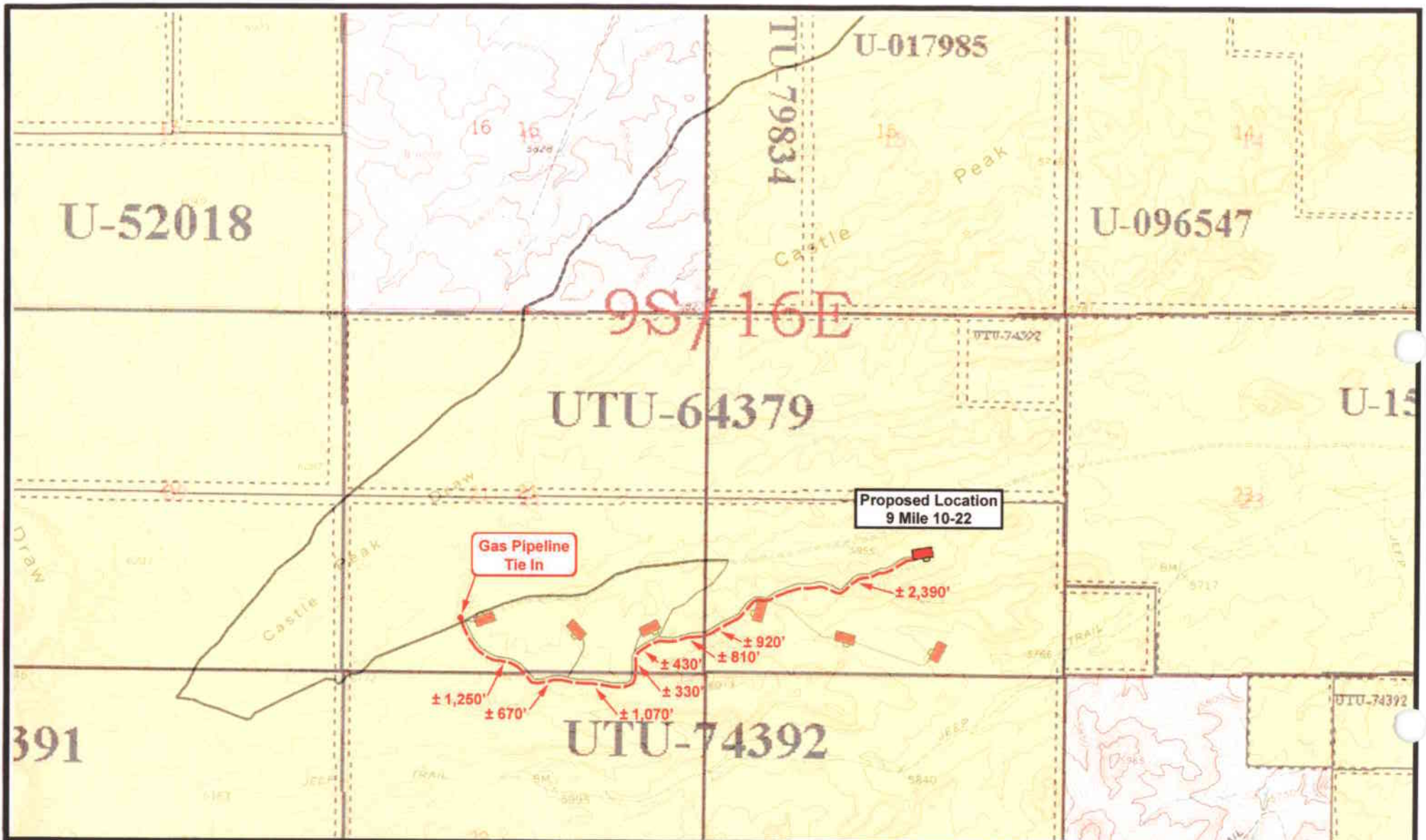
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078


SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-04-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"





NEWFIELD
Exploration Company

9 Mile 10-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



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(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

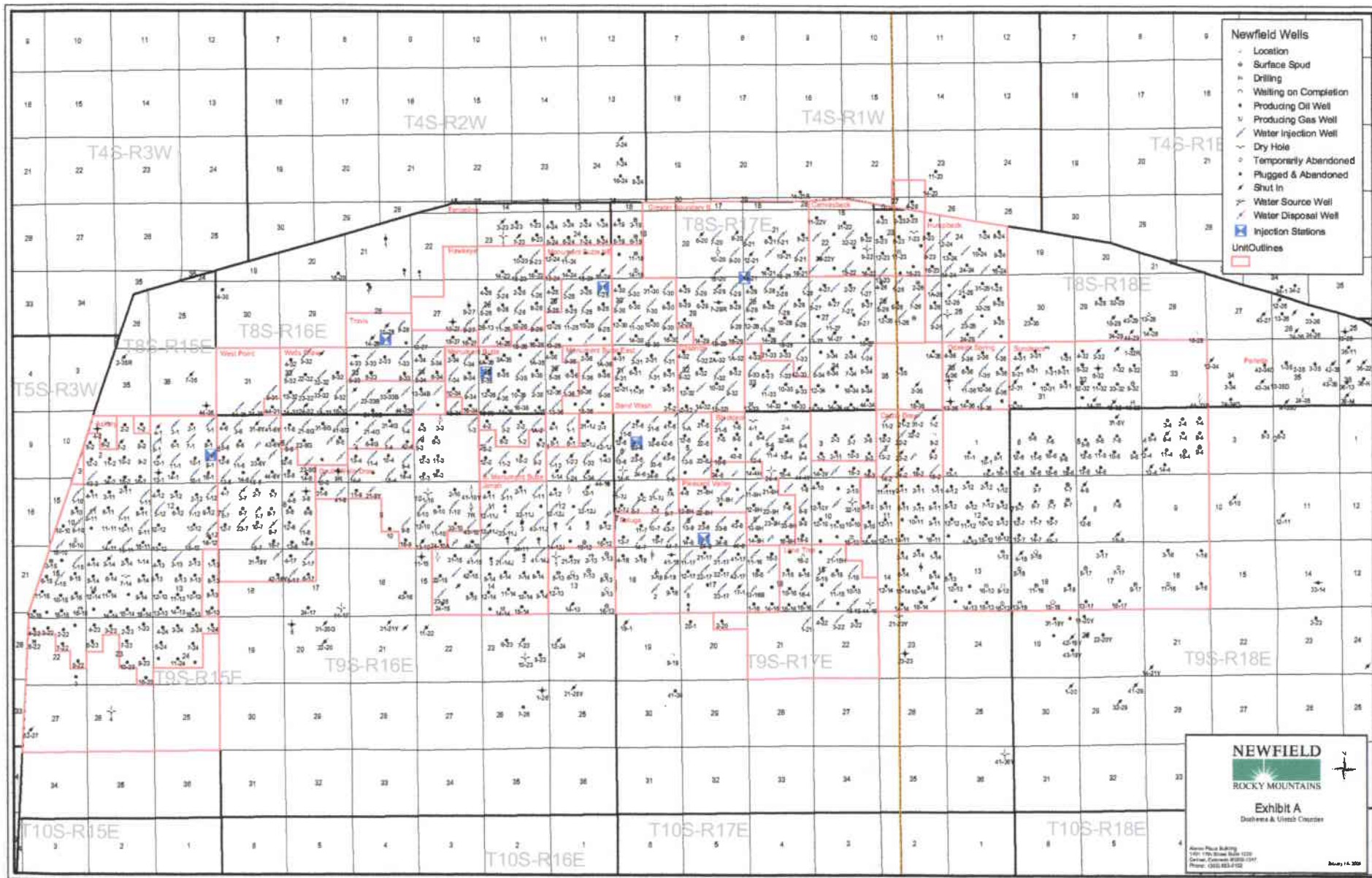
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DRAWN BY: mw
DATE: 04-04-2006

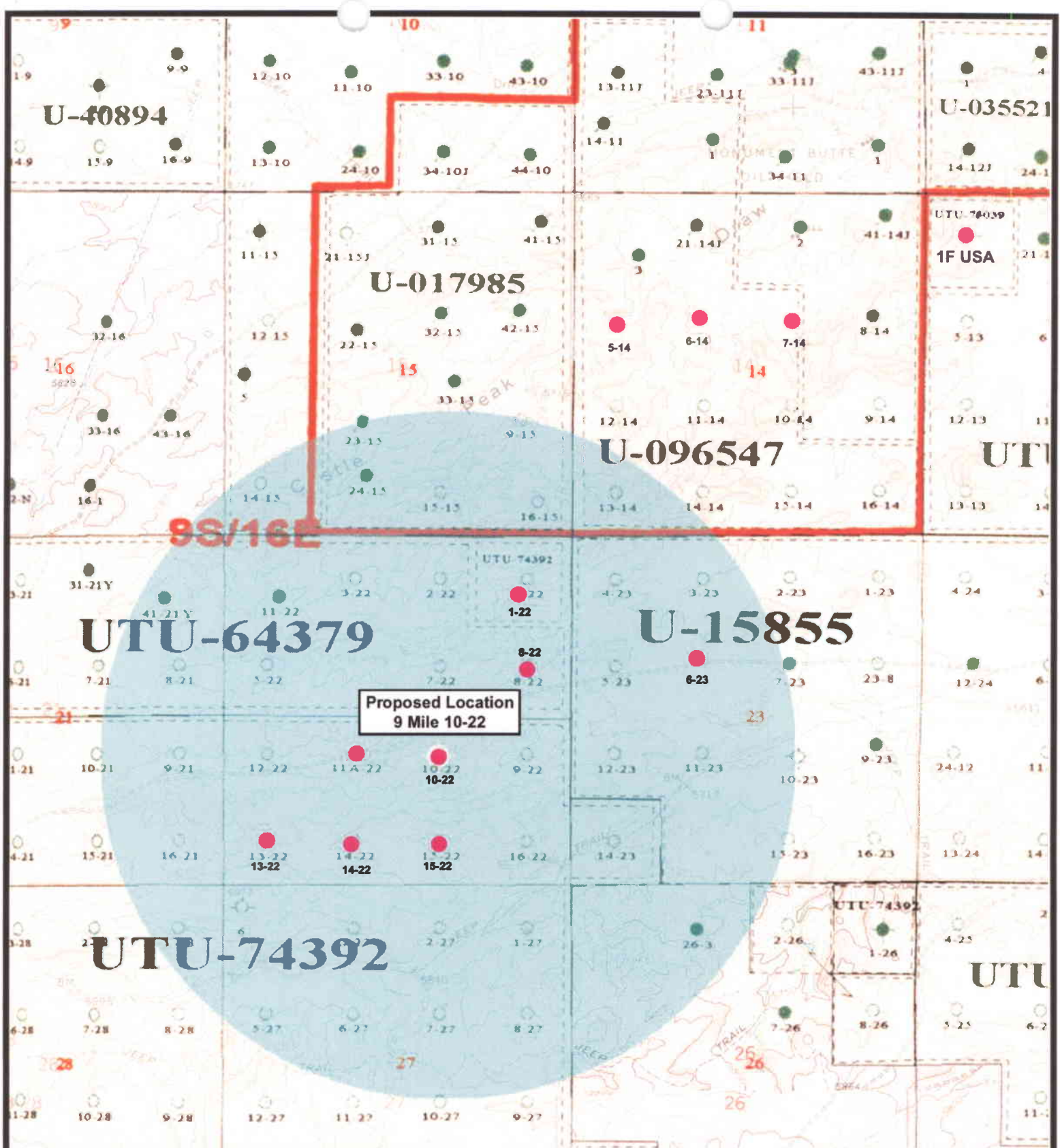
Legend

— Roads
- - - Proposed Gas Line

TOPOGRAPHIC MAP

"C"





Proposed Location
9 Mile 10-22



NEWFIELD
Exploration Company

9 Mile 10-22-9-16
SEC. 22, 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: 04-04-2006

Legend

- **Well Locations**
- **One-Mile Radius**

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

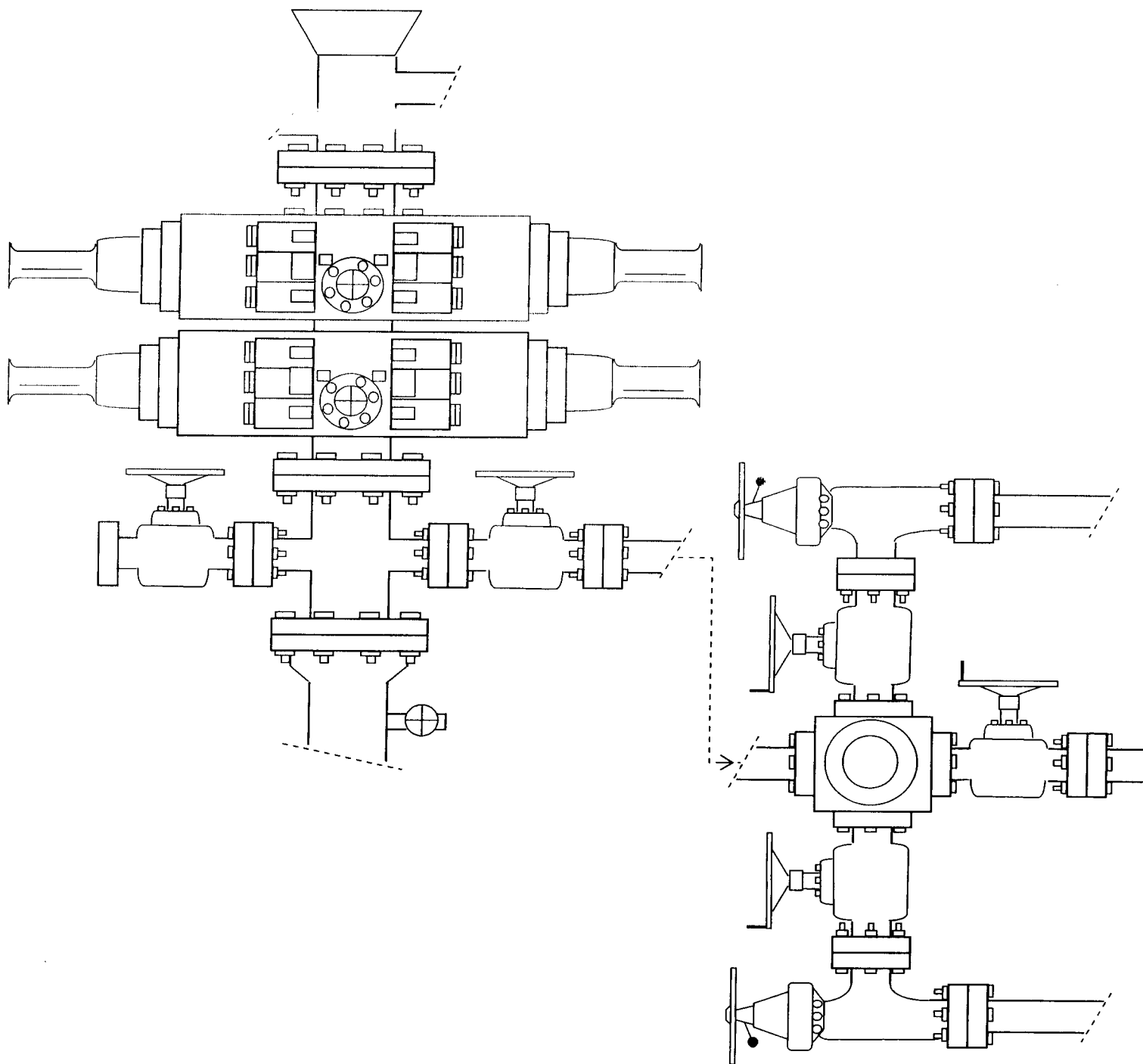


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-240

July 25, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. ~~U-05-MQ-0709b~~

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 16-9-9-16]; 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: 04/26/2006

API NO. ASSIGNED: 43-013-33166

WELL NAME: FEDERAL 10-22-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 22 090S 160E

SURFACE: 1736 FSL 2137 FEL

BOTTOM: 1736 FSL 2137 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01386 LONGITUDE: -110.1030

UTM SURF EASTINGS: 576553 NORTHINGS: 4429471

FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74392

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

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

☒ Potash (Y/N)

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

☒ Water Permit
(No. MUNICIPAL)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

___ R649-3-11. Directional Drill

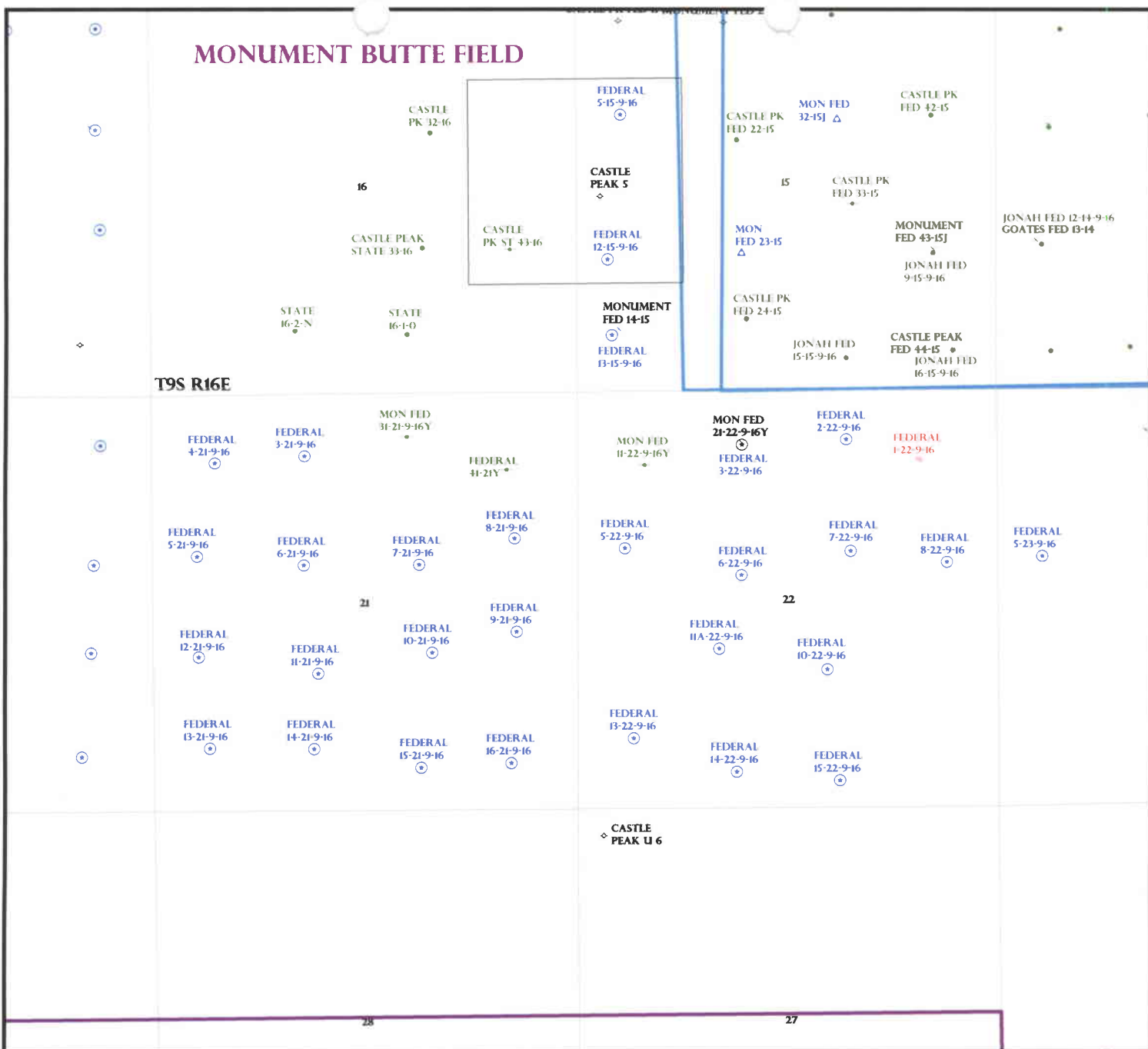
COMMENTS:

See Separate L.W.

STIPULATIONS:

*1- Federal Approval
2- Spacing WHP*

MONUMENT BUTTE FIELD



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T. 9S R. 16E

FIELD: MONUMENT BUTT (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION



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

June 8, 2006

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

Re: Federal 10-22-9-16 Well, 1736' FSL, 2137' FEL, NW SE, Sec. 22, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-013-33166.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

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 10-22-9-16
API Number: 43-013-33166
Lease: UTU-74392

Location: NW SE **Sec.** 22 **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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 26 2006

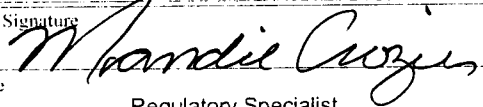
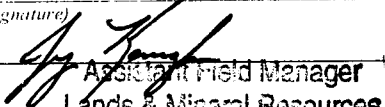
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 10-22-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1736' FSL 2137' FEL At proposed prod. zone		9. API Well No. 43-013-33166
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 22, T9S R16E
12. County or Parish Duchesne		13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 25.5 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 904' f/lse. NA f/unit	16. No. of Acres in lease 2080.00	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. 1531'	19. Proposed Depth 6060'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5955' GL	22. Approximate date work will start* 3rd 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 4/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kewicka	Date 2-8-2009
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds title or is equitably entitled to the rights in the subject lands which would entitle the applicant to commence operations thereon.

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

RECEIVED

JAN 14 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGMA

07BM4737A



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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company	Location: NWSE, Sec 22, T9S, R16E
Well No: Federal 10-22-9-16	Lease No: UTU-74392
API No: 43-013-33166	Agreement: N/A

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	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 Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	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)***

STIPULATIONS:

1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
2. Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
Comments: None of the suspected species (or their burrows or nests) was identified on or near the location.
3. Notice to Lessee- Oil and Gas Lease Qualifications: This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, which may effect an entity's qualifications to obtain an oil and gas lease.

CONDITIONS OF APPROVAL:

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
3. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
5. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches etc. will be needed to control the erosion.

7. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
8. Pipelines will be buried at all major drainage crossings.
9. Prevent fill and stock piles from entering drainages.
10. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
11. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
12. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
13. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
14. If the Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
15. The interim seed mix for this location shall be:

Crested wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre
16. All pounds are in pure live seed.
17. Rates are set for drill seeding; double the rate if broadcasting.
18. Reseeding may be required if initial seeding is not successful.
19. The operator will be responsible for treatment and control of invasive and noxious weeds.
20. 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 and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
21. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

22. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
23. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
24. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
25. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
26. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

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. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

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

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (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.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 10-22-9-16

Api No: 43-013-33166 Lease Type: FEDERAL

Section 22 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 04/26/07

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (423) 823-3610

Date 04/26/07 Signed CHD

RECEIVED

MAY 02 2007

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

OPERATOR ACCT. NO. N2695

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

DIV. OF OIL, GAS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS:											
A	99999	16089	43-013-33022	FEDERAL 7-21-9-16	SW/NE	21	9S	16E	DUCHESNE	4/27/2007	5/10/07
GRPV											
A	99999	16090	43-013-33142	FEDERAL 13-21-9-16	SW/SW	21	9S	16E	DUCHESNE	4/30/2007	5/10/07
GRPV											
A	99999	16091	43-047-36206	FEDERAL 1-10-9-18	NE/NE	10	9S	18E	DUCHESNE	4/30/2007	5/10/07
GRPV											
A	99999	16092	43-013-33147	FEDERAL 14-22-9-16	SE/SW	22	9S	16E	DUCHESNE	4/28/2007	5/10/07
WELL 5 COMMENTS: GRPV											
A	99999	16093	43-013-33166	FEDERAL 10-22-9-16	NW/SE	22	9S	16E	DUCHESNE	4/28/2007	5/10/07
WELL 5 COMMENTS: GRPV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - two or more existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

Signature

Jenri Park

Production Clerk

April 18, 2007

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 10-22-9-16

9. API Well No.

4301333166

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

1736 FSL 2137 FEL

NWSE Section 22 T9S R16E

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

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

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

On 4/26/07 MIRU NDSI spud rig #1. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 322.82'. On 4/27/07 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 6bbls cement to pit.

RECEIVED

MAY 02 2007

DIV. OF OIL, GAS & MINING

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

Johnny Davis

Signature

Title

Drilling Foreman

Date

04/28/2007

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 10-22-9-16

9. API Well No.

4301333166

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

1736 FSL 2137 FEL

NWSE Section 22 T9S R16E

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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 recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/03/07 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 276'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5925'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5917.26' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 10 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 125,000 #'s tension. Release rig @ 5:00 AM on 6/09/07.

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

Jim Smith

Signature



Title

Drilling Foreman

Date

06/10/2007

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

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(Instructions on reverse)

RECEIVED

JUN 12 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5917.26 KB

Flt cllr @ 5860.08

LAST CASING 8 5/8" Set @ 320.87

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 10-22-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI Rig # 3

TD DRILLER 5925' TD loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					15
		Short jt 4012'/6.20'					
132	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5859.43
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.58
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5920.26
TOTAL LENGTH OF STRING		5920.26	134	LESS CUT OFF PIECE			15
LESS NON CSG. ITEMS		16.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		44.84	1	CASING SET DEPTH			5917.26
TOTAL		5948.85	135	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5948.85	135				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		6/8/2007		GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		6/8/2007		Bbls CMT CIRC to surface <u>10</u>			
BEGIN CIRC		6/8/2007		RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		6/8/2007		DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT		6/8/2007		BUMPED PLUG TO <u>1988</u> PSI			
PLUG DOWN		6/8/2007					
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premiite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith

DATE 6/9/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-74392
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1736 FSL 2137 FEL NWSE Section 22 T9S R16E		8. Well Name and No. FEDERAL 10-22-9-16
		9. API Well No. 4301333166
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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


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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 07/02/2007

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

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

(Instructions on reverse)

RECEIVED
JUL 03 2007
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74392

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
FEDERAL 10-22-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333166

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: 1736 FSL 2137 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 22, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/17/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 07/01/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentry Park

TITLE Production Clerk

SIGNATURE

DATE 07/17/2007

(This space for State use only)

RECEIVED

JUL 18 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 10-22-9-16**4/1/2007 To 8/30/2007****6/22/2007 Day: 1****Completion**

Rigless on 6/21/2007 - 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 @ 5828' & cement top @ 160'. Perforate stage #1. CP5 sds @ 5730-5740' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

6/26/2007 Day: 2**Completion**

Rigless on 6/25/2007 - RU BJ Services. 0 psi on well. Frac CP5 sds w/ 40,069#'s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 3553 psi. Treated w/ ave pressure of 1945 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2163 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 28' perf gun. Set plug @ 5290'. Perforate LODC sds @ 5150- 78' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 112 shots (2 runs). Leave pressure on well. SIWFN w/ 547 BWTR.

6/27/2007 Day: 3**Completion**

Rigless on 6/26/2007 - RU BJ Services. 1065 psi on well. Frac LODC sds w/ 126,558#'s of 20/40 sand in 899 bbls of Lightning 17 fluid. Broke @ 3124 psi. Treated w/ ave pressure of 2216 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2676 psi. Leave pressure on well. 1446 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 21' perf gun. Set plug @ 5070'. Perforate A1 sds @ 4977- 98' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 84 shots. RU BJ Services. 1780 psi on well. Frac A1 sds w/ 94,957#'s of 20/40 sand in 708 bbls of Lightning 17 fluid. Broke @ 3909 psi. Treated w/ ave pressure of 1623 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1945 psi. Leave pressure on well. 2154 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 11' perf gun. Set plug @ 4910'. Perforate B2 sds @ 4830-35', B1 sds @ 4806- 17' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 64 shots (2 runs due to misrun). RU BJ Services. 107 psi on well. Frac B1 & B2 sds w/ 61,885#'s of 20/40 sand in 508 bbls of Lightning 17 fluid. Broke @ 2667 psi. Treated w/ ave pressure of 1689 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1825 psi. Leave pressure on well. 2662 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 6' perf gun. Set plug @ 4760'. Perforate D3 sds @ 4682-88' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 107 psi on well. Frac D3 sds w/ 12,609#'s of 20/40 sand in 241 bbls of Lightning 17 fluid. Broke @ 3916 psi. Treated w/ ave pressure of 2133 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1776 psi. Leave pressure on well. 2903 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 5' perf gun. Set plug @ 4640'. Perforate D1 sds @ 4571-76' & 4560-65' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 40 shots. RU BJ Services. 1377 psi on well. Frac D1 sds w/ 16,073#'s of 20/40 sand in 246 bbls of Lightning 17 fluid. Broke @ 2096 psi. Treated w/ ave pressure of 1881 psi @ ave rate of 24.7 BPM. ISIP

1857 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 1/2 hrs & died. Rec. 146 BTF. SIWFN w/ 3003 BWTR.

6/28/2007 Day: 4

Completion

NC #1 on 6/27/2007 - 6:30AM MIRU NC#1, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub, 148 Jts Tbg To Fill @ 4594', R/U Nabors Pwr Swvl & R/pmp, C/Out To Plg @ 4640', Drill Up Plg, Swvl I/Hle To Fill @ 4725', C/Out To Plg @ 4760', Drill Up Plg, Swvl I/Hle To Fill @ 4864', C/Out To Plg @ 4910', Drill Up Plg, Swvl I/Hle To Plg @ 5070', Drill Up Plg, Swvl I/Hle To Fill @ 5174', C/Out To 5191', Curc Well Clean, POOH W/-2 Jts Tbg EOB @ 5126', SWI, 6:30PM C/SDFN.

6/29/2007 Day: 5

Completion

NC #1 on 6/28/2007 - 6:30AM OWU, RIH W/-2 Jts Tbg To Fill @ 5191', C/Out To Plg @ 5290', Drill Up Plg, Swvl I/Hle To Fill @ 5746', C/Out To PBTD @ 5861', Curc Well Clean, POOH W/-4 Jts Tbg, EOB @ 5755', R/U Swab, RIH IFL @ Surf, Made 15 Swab Runs, Recvred 173 Bbls Wtr, Lite Trce Oil, Lite Trce Sand, FFL @ 1400', RIH W/-Tbg To Fill @ 5859, C/Out To PBTD @ 5861', Curc Well Clean, POOH W/-188 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 183 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD, SWI, 6:30PM C/SDFN. Recvred 173 Bbls Wtr Swabbing, Lost 68 Bbls Wtr On Curc Out @ PBTD, Total Wtr Recvery For Day = 105 Bbls.

7/2/2007 Day: 6

Completion

NC #1 on 7/1/2007 - 6:30AM OWU, R/U R/pmp & Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x14 1/2 RHAC & Rod String Shown Below. Seat pmp, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Eq, R/D Rig, POP @ 12:30PM, 86" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 1736' FSL & 2137' FEL (NW/SE) Sec. 22, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33166

DATE ISSUED

06/08/06

15. DATE SPUDDED

04/26/07

16. DATE T.D. REACHED

06/08/07

17. DATE COMPL. (Ready to prod.)

06/29/07

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

5955' GL

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

19. ELEV. CASINGHEAD

5967' KB

20. TOTAL DEPTH, MD & TVD

5925'

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

5861'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

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

Green River 4560'-5740'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5917'	7-7/8"	300 sx Premilite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5792'	TA @ 5725'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5730'-5740'	.49"	4/40	5730'-5740'	Frac w/ 40,069# 20/40 sand in 408 bbls fluid
(LODC) 5150'-5178'	.43"	4/112	5150'-5178'	Frac w/ 126,558# 20/40 sand in 899 bbls fluid
(A1) 4977'-4998'	.43"	4/84	4977'-4998'	Frac w/ 94,957# 20/40 sand in 708 bbls fluid
(B2 & 1) 4830'-4835', 4806'-4817'	.43"	4/64	4806'-4835'	Frac w/ 61,885# 20/40 sand in 508 bbls fluid
(D3) 4682'-4688'	.43"	4/24	4682'-4688'	Frac w/ 12,609# 20/40 sand in 241 bbls fluid
(D1) 4571'-4576', 4560'-4565'	.43"	4/40	4560'-4576'	Frac w/ 16,073# 20/40 sand in 246 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 06/29/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 14 1/4' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 61	GAS--MCF. 58	WATER--BBL. 25	GAS-OIL RATIO 951
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

Jenri Park

TITLE

Production Clerk

DATE

7/17/2007

JP

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			Well Name Federal 10-22-9-16		MEAS. DEPTH	TRUE VERT. DEPTH
				Garden Gulch Mkr	3561'	
				Garden Gulch 1	3771'	
				Garden Gulch 2	3879'	
				Point 3 Mkr	4121'	
				X Mkr	4392'	
				Y-Mkr	4424'	
				Douglas Creek Mkr	4539'	
				BiCarbonate Mkr	4766'	
				B Limestone Mkr	4867'	
				Castle Peak	5409'	
				Basal Carbonate	5849'	
				Total Depth (LOGGERS)	5940'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
		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 10-22-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013331660000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1736 FSL 2137 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 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	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2014				
<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 subject well has been converted from a producing oil well to an injection well on 10/22/2014. On 10/24/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/27/2014 the casing was pressured up to 1506 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was a State representative available to witness the test - Richard Powell.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 31, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 10/30/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Richard Powell Date 10/27/2014 Time 10:00 am pm
Test Conducted by: Dustin Bennett
Others Present: _____

Well: Federal 10-22-9-16

Field: Monument Butte

Well Location: NW/SE, Sec. 22, T9S, R1E API No: 43-013-33166

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1505.0</u>	psig
5	<u>1505.8</u>	psig
10	<u>1506.2</u>	psig
15	<u>1506.0</u>	psig
20	<u>1506.2</u>	psig
25	<u>1506.2</u>	psig
30 min	<u>1506.4</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 100 psig

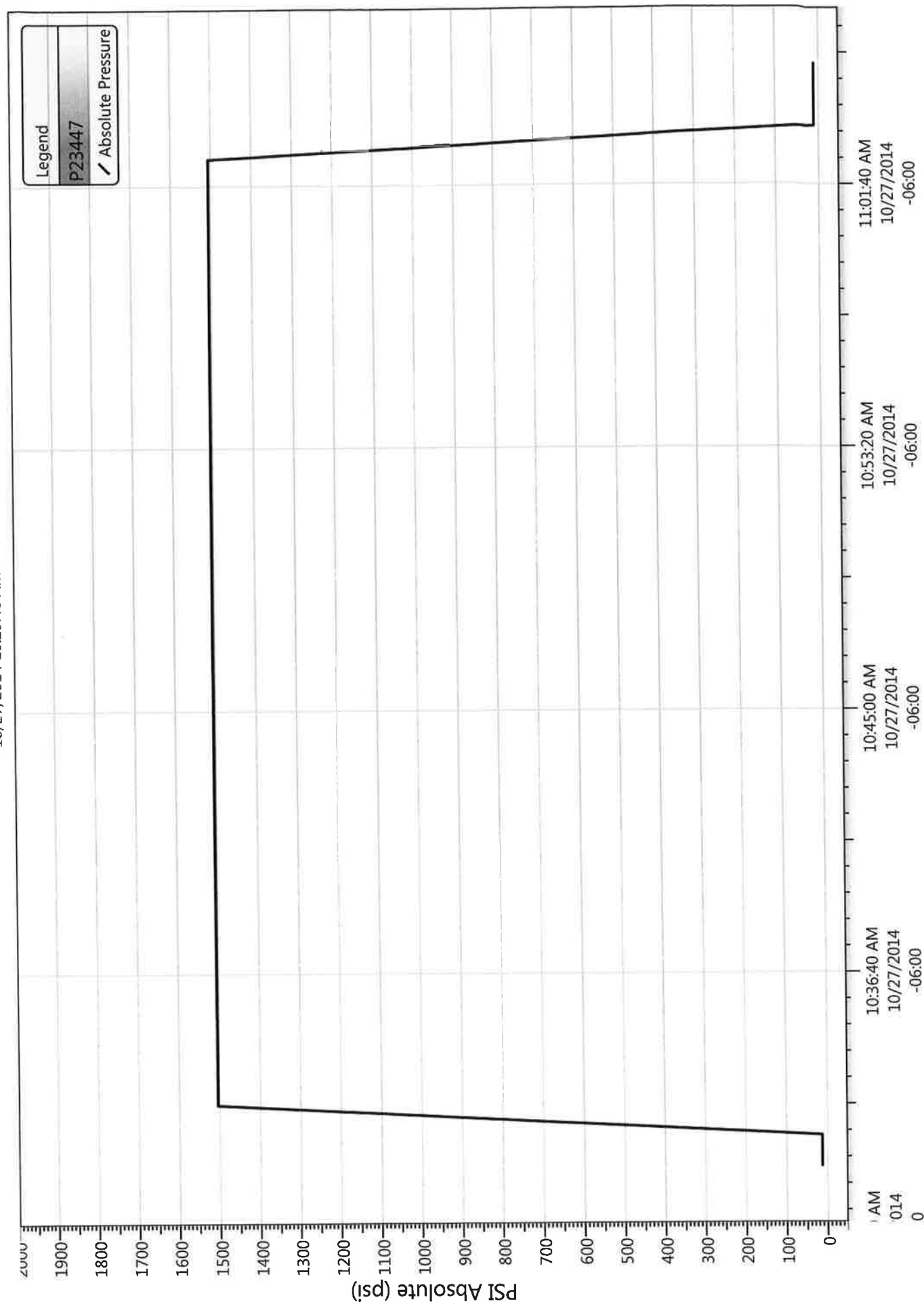
Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: [Signature]

Federal 10-22-9-16 (conversion MIT 10-27-2014)

10/27/2014 10:29:46 AM



NEWFIELD



Schematic

Well Name: Federal 10-22-9-16

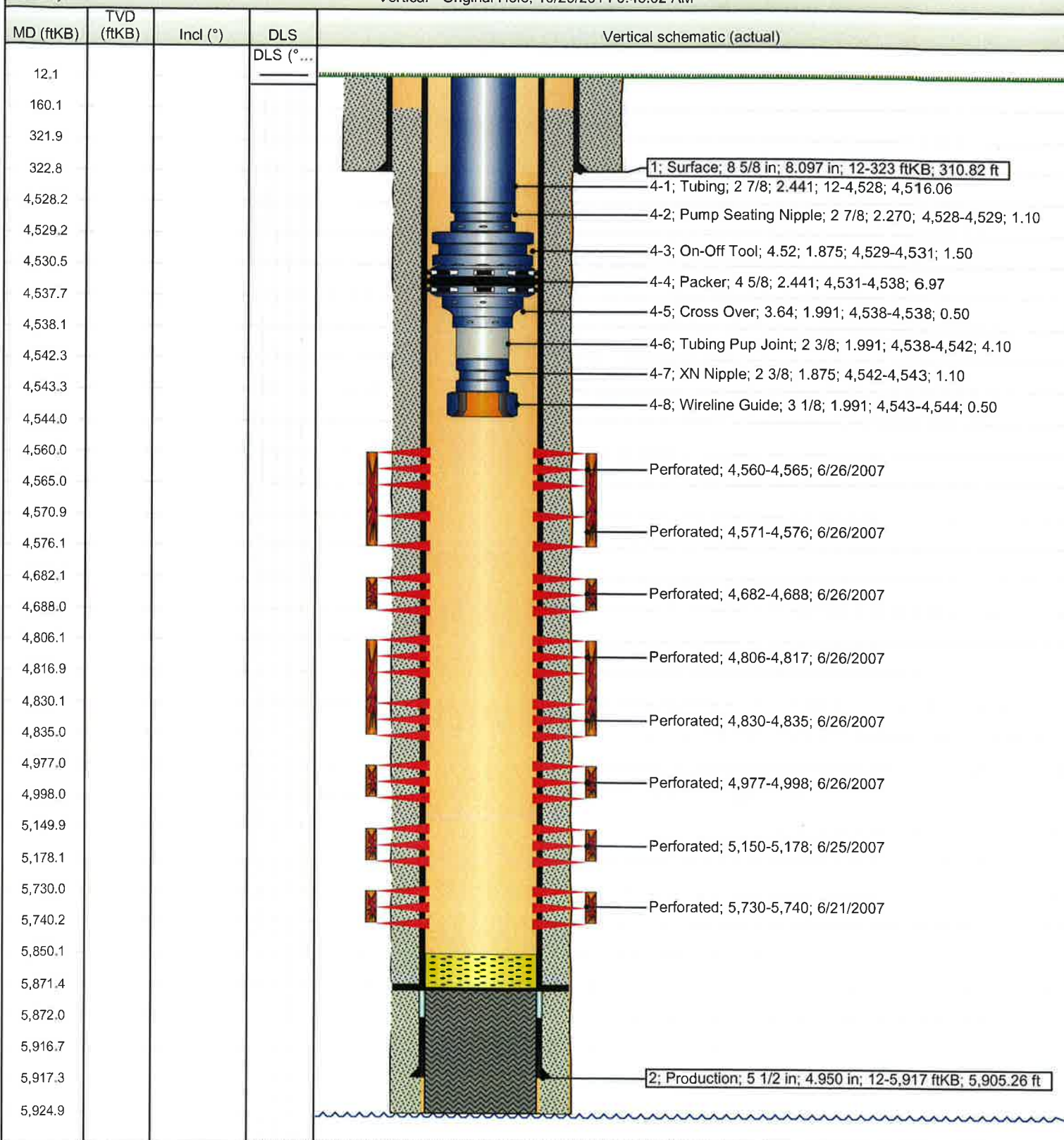
Surface Legal Location 22-9S-16E		API/UWI 43013331660000		Well RC 500158552	Lease	State/Province Utah	Field Name GMBU C.TB6	County DUCHESNE
Spud Date 4/26/2007	Rig Release Date 6/9/2007	On Production Date 6/29/2007	Original KB Elevation (ft) 5,967	Ground Elevation (ft) 5,955	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	Original Hole - 5,871.4

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/20/2014	Job End Date 10/27/2014
---------------------------------------	--------------------------------	-----------------------------	------------------------------	----------------------------

TD: 5,925.0

Vertical - Original Hole, 10/29/2014 9:46:52 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 10-22-9-16**

Surface Legal Location 22-9S-16E		API/UWI 43013331660000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 4/26/2007		Spud Date 4/26/2007		Final Rig Release Date 6/9/2007	
Original KB Elevation (ft) 5,967		Ground Elevation (ft) 5,955		On Production Date 6/29/2007	
Total Depth (ftKB) 5,925.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,871.4	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/26/2007	8 5/8	8.097	24.00	J-55	323
Production	6/8/2007	5 1/2	4.950	15.50	J-55	5,917

Cement**String: Surface, 323ftKB 4/27/2007**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 322.8	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,917ftKB 6/8/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 160.0	Bottom Depth (ftKB) 5,925.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3% KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 160.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 425	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					10/20/2014		4,543.8	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	144	2 7/8	2.441	6.50	J-55	4,516.06	12.0	4,528.1
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,528.1	4,529.2
On-Off Tool	1	4.515	1.875			1.50	4,529.2	4,530.7
Packer	1	4 5/8	2.441			6.97	4,530.7	4,537.6
Cross Over	1	3.635	1.991			0.50	4,537.6	4,538.1
Tubing Pup Joint	1	2 3/8	1.991			4.10	4,538.1	4,542.2
XN Nipple	1	2 3/8	1.875			1.10	4,542.2	4,543.3
Wireline Guide	1	3 1/8	1.991			0.50	4,543.3	4,543.8

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,850	5,871	3/14/2011	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
6	D1 sds, Original Hole	4,560	4,565	4	90	0.430	6/26/2007
6	D1 sds, Original Hole	4,571	4,576	4	90	0.430	6/26/2007
5	D3 sds, Original Hole	4,682	4,688	4	90	0.430	6/26/2007
4	B1 sds, Original Hole	4,806	4,817	4	90	0.430	6/26/2007
4	B2 sds, Original Hole	4,830	4,835	4	90	0.430	6/26/2007
3	A1 sds, Original Hole	4,977	4,998	4	90	0.430	6/26/2007
2	LODC sds, Original Hole	5,150	5,178	4	90	0.430	6/25/2007
1	CP5 sds, Original Hole	5,730	5,740	4	120	0.490	6/21/2007

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	2,163	0.81	24.7	2,284			
2	2,676	0.95	24.8	2,530			
3	1,945	0.82	24.8	1,926			
4	1,825	0.81	24.8	1,966			
5	1,776	0.81	24.7	2,296			
6	1,857	0.84	24.7	2,087			

NEWFIELD**Newfield Wellbore Diagram Data
Federal 10-22-9-16**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 40069 lb
2		Proppant White Sand 126558 lb
3		Proppant White Sand 94957 lb
4		Proppant White Sand 61885 lb
5		Proppant White Sand 12609 lb
6		Proppant White Sand 16073 lb



Job Detail Summary Report

Well Name: Federal 10-22-9-16

Jobs		Job Start Date	Job End Date
Primary Job Type	Conversion	10/20/2014	10/27/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/20/2014	10/20/2014	MIRU	
Start Time	05:30	End Time	06:00
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	18:00
Comment			
MIRUSU. Pump 60 bbls water down csg @ 250. Unseat rod pump. Flush tbg & rods w/ 30 bbls water @ 250. Soft seat rod pump. Fill tbg w/ 5 bbls & pressure tbg to 3000 psi. Good test. TOH & LD on trailer w/ 40- 3/4 4per rods. Flush tbg & rods w/ 20 bbls water @ 250. Cont LD 58- 3/4 4per, 93- 3/4 slick, 30- 3/4 4per, 6- sinker bars & rod pump. X-over to tbg eq. ND well head. NU BOP's. RD rig floor. TOH w/ 80 - jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. SDFD			
Start Time	18:00	End Time	18:30
Comment			
c/travel.			
Report Start Date	Report End Date	24hr Activity Summary	
10/21/2014	10/21/2014	Breaking collars	
Start Time	05:30	End Time	06:00
Start Time	06:00	End Time	07:00
Comment			
Safety Meeting			
Start Time	07:00	End Time	18:00
Comment			
Cont TOOH w/ 64 -jts 2 7/8 tbg breaking collars & applying liquid teflon dope. LD 40 - jts 2 7/8 tbg , TA, SN & NC on trailer. PU & TIH w/ guide collar, x/n, tbg sub, x/o, pkr, on/off tool, sn & 144 - jts 2 7/8 tbg. Pump 10 bbls down tbg for STD valve pad. Drop STD valve. Fill tbg w/ 25 bbls water & pressure test to 3000 psi. Watch pressure for 1 hr for pressure loss. Good test. PU & RIH w/ packer fluid. RD rig floor. ND BOP's. NU wellhead flange. Pump 60 bbls fresh water mixed w/ packer fluid. Set TA w/ 15000 tension, CE @ 4521.96'. Fill csg w/ 20 bbls fresh water mixed w/ packer fluid & pressure test csg to 1500 psi. Watch for 1 hr. Pressure dropped to 1460 psi. Leave pressure on csg over night. SDFD			
Start Time	18:00	End Time	18:30
Comment			
c/travel.			
Report Start Date	Report End Date	24hr Activity Summary	
10/22/2014	10/22/2014	Testing csg	
Start Time	05:30	End Time	06:00
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	09:30
Comment			
Watch pressure for 1 hr. Pressure held good. Called MIT to test csg. MIT passed. RDMO @ 9:30AM. Final report			
Report Start Date	Report End Date	24hr Activity Summary	
10/27/2014	10/27/2014	Conduct MIT	
Start Time	10:30	End Time	11:00
Comment			
On 10/24/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/27/2014 the casing was pressured up to 1506 psig and charfed for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was a State representative available to witness the test - Richard Powell.			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 10-22-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1736 FSL 2137 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331660000
PHONE NUMBER: 435 646-4825 Ext		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/27/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" 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 OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 11:00 AM on 01/27/2015. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 29, 2015 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/28/2015	



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-425

Operator: Newfield Production Company

Well: Federal 10-22-9-16

Location: Section 22, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33166

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 2, 2014.
2. Maximum Allowable Injection Pressure: 1,746 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,878' – 5,861')
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

1-22-15
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 2, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 10-22-9-16, Section 22, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33166

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 3,878 feet in the Federal 10-22-9-16 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 10-22-9-16

Location: 22/9S/16E **API:** 43-013-33166

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 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,917 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,036 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,510 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 (1/13/2015), based on surface locations, there are 1 producing well, 9 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. In addition, there is 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 3 approved surface locations inside the AOR from which directional wells will be drilled to bottom hole locations outside the AOR and 1 approved surface location outside the AOR from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,878 feet and 5,861 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-22-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,746 psig. The requested maximum pressure is 1,746 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 10-22-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 8/26/2014 (revised 1/13/2015)

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

The Salt Lake Tribune

MEDIAOne

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING. Rose Nolton 1594 W NORTH TEMPLE STE 1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	7 25 2014

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000972678 /
SCHEDULE	
Start 07 25 2014	End 07 25 2014
CUST. REF. NO.	
UIC-425	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NAT	
SIZE	
63 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
216 68	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-425

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18, 22, AND 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.

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

Greater Monument Butte Unit:
Monument Federal 42-18-9-16Y well located in SE/4 NE/4, Section 18, Township 9 South, Range 16 East
API 43-013-31724
Federal 10-22-9-16 well located in NW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33166
Federal 6-24-9-16 well located in SE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-32962

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

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

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

Dated this 22nd day of July, 2014.

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

972678 UPAXLP

AFFIDAVIT OF PUBLICATION

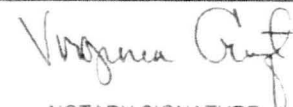
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-425 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGAL.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGAL.COM INDEFINITELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

PUBLISHED ON Start 07 25 2014 End 07 25 2014

SIGNATURE 

DATE 7 25 2014

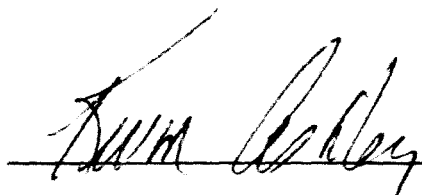
THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT


NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

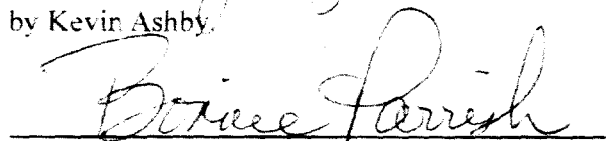
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 29 day of July, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 29 day of July, 2014, 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.

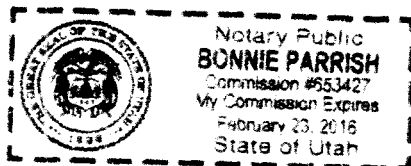

Publisher

Subscribed and sworn to before me on this

29 day of July, 2014

by Kevin Ashby.


Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPART- MENT OF NATURAL RESOURCES, STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-425

IN THE MAT-
TER OF THE
APPLICATION
OF NEWFIELD
PRODUCTION
COMPANY FOR
ADMINISTRATIVE
APPROVAL OF
CERTAIN WELLS
LOCATED IN SEC-
TIONS 18, 22, AND
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 Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative

Continued on next page

Continued from
previous page

approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Monument Federal
42-18-9-16Y well
located in SE/4 NE/4,
Section 18, Township
9 South, Range 16
East

API 43-013-31724
Federal 10-22-9-16
well located in NW 4
SE/4, Section 22,
Township 9 South,
Range 16 East

API 43-013-33166
Federal 6-24-9-16
well located in SE/4
NW/4, Section 24,
Township 9 South,
Range 16 East

API 43-013-32962
The proceeding
will be conducted in
accordance with Utah
Admin. R649-10,
Administrative Proce-
dures.

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

Any person
desiring to object to
the application or
otherwise intervene
in the proceeding,
must file a written
protest or notice of
intervention with
the Division within
fifteen days following
publication of this
notice. The Division's
Presiding Officer
for the proceeding is
Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake
City, UT 84114-5801,
phone number (801)
538-5340. If such
a protest or notice

of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of July, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

/s/
Brad Hill
Permitting Man-

ager
Published in the
Utah Basin Stan-
dard July 29, 2014.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-425

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:

Monument Federal 42-18-9-16Y well located in SE/4 NE/4, Section 18, Township 9 South, Range 16 East
API 43-013-31724

Federal 10-22-9-16 well located in NW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33166

Federal 6-24-9-16 well located in SE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-32962

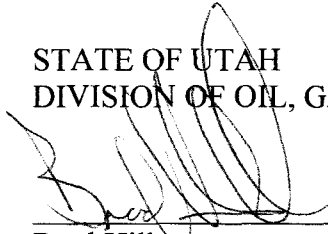
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Dated this 22nd day of July, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

NEWFIELD PRODUCTION COMPANY

**MONUMENT FEDERAL 42-18-9-16Y,
FEDERAL 10-22-9-16,
FEDERAL 6-24-9-16**

Cause No. UIC-425

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





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

July 23, 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-425

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-425

1 message

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

Thu, Jul 24, 2014 at 2:52 PM

On 7/23/2014 11:20 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 Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. It will be published July 29.

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

July 23, 2014

Via e-mail: naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-425

To Whom It May Concern:

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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 #0000972678-01

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	juliecarter@utah.gov	Jean	mfultz

Total Amount	\$216.68			
Payment Amt	\$0.00			
Amount Due	\$216.68	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC-425	

Confirmation Notes:
Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 63 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	7/25/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	7/25/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	7/25/2014	

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-425

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greener Monument Butte Units
Acqueduct Federal 42-18-9-16Y well located in SE 1/4 NE 1/4, Section 18, Township 9 South, Range 16 East
API 43-013-31724
Federal 10-22-9-16 well located in NW 1/4 SE 1/4, Section 22, Township 9 South, Range 16 East
API 43-013-33166
Federal 6-24-9-16 well located in SE 1/4 NW 1/4, Section 24, Township 9 South, Range 16 East
API 43-013-32962

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

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

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

Dated this 22nd day of July, 2014.

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

972678

UPAXLP

NEWFIELD



RECEIVED

JUL 08 2014

DIV. OF OIL, GAS & MINING

July 3, 2014

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 #10-22-9-16
Monument Butte Field, Lease #UTU-74392
Section 22-Township 9S-Range 16E
Duchesne County, Utah**

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #10-22-9-16 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 #10-22-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74392
JULY 3, 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 #10-22-9-16
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ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #8-22-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #9-22-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #11A-22-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #13-22-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #14-22-9-16
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ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 6/22/2007 – 7/2/2007
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: Federal #10-22-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74392
Well Location: QQ NWSE section 22 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
 Disposal? Yes ☐ No ☒
 Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

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

Date of test: _____

API number: 43-013-33166

Proposed injection interval: from 3878 to 5861
Proposed maximum injection: rate 500 bpd pressure 1746 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

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

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

Name: Jill L Loyle Signature 
Title Regulatory Associate Date 3/31/2019
Phone No. (303) 383-4135

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

Comments:

FEDERAL 10-22-9-16

Spud Date: 04/26/07
Put on Production: 06/29/07
GL: 5955' KB: 5967'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.97')
DEPTH LANDED: 322.82' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

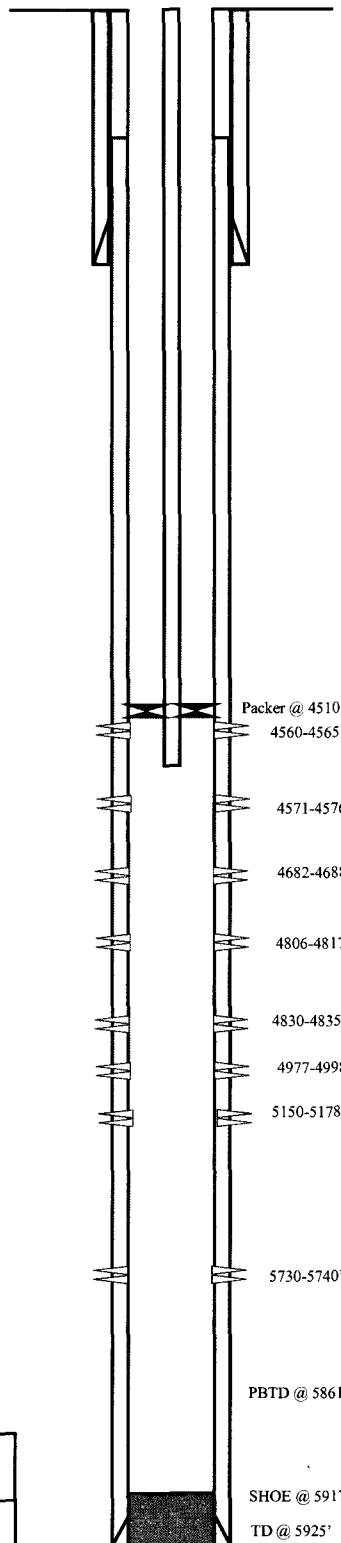
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5904.01')
DEPTH LANDED: 5917.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 160'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5685.0')
TUBING ANCHOR: 5697.0' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5731.2' KB
NO. OF JOINTS: 1 jts (31.7')
TOTAL STRING LENGTH: EOT @ 5764' KB

Proposed Injection Wellbore Diagram



FRAC JOB

06/25/07	5730-5740'	Frac CP5 sands as follows: 40069# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM. ISIP 2163 psi. Calc flush: 5728 gal. Actual flush: 5208 gal.
06/26/07	5150-5178'	Frac LODC sands as follows: 126558# 20/40 sand in 899 bbls Lightning 17 frac fluid. Treated @ avg press of 2216 psi w/avg rate of 24.7 BPM. ISIP 2676 psi. Calc flush: 5148 gal. Actual flush: 4662 gal.
06/26/07	4977-4998'	Frac A1 sands as follows: 94957# 20/40 sand in 708 bbls Lightning 17 frac fluid. Treated @ avg press of 1623 psi w/avg rate of 24.7 BPM. ISIP 1945 psi. Calc flush: 4975 gal. Actual flush: 4494 gal.
06/26/07	4806-4835'	Frac B2 & B1 sands as follows: 61885# 20/40 sand in 508 bbls Lightning 17 frac fluid. Treated @ avg press of 1689 psi w/avg rate of 24.7 BPM. ISIP 1825 psi. Calc flush: 4804 gal. Actual flush: 4326 gal.
06/26/07	4682-4688'	Frac D3 sands as follows: 12609# 20/40 sand in 241 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 1776 psi. Calc flush: 4680 gal. Actual flush: 4221 gal.
06/26/07	4560-4565'	Frac D1 sands as follows: 16073# 20/40 sand in 246 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 psi w/avg rate of 24.7 BPM. ISIP 1857 psi. Calc flush: 4558 gal. Actual flush: 4494 gal.

05/28/08 pump change. Updated rod and tubing details
6/21/2010 Parted rods. Updated rod and tubing detail.
6/23/2010 Parted rods. Updated rod and tubing detail.
3/15/11 Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

06/21/07	5730-5740'	4 JSPF	40 holes
06/25/07	5150-5178'	4 JSPF	112 holes
06/26/07	4977-4998'	4 JSPF	84 holes
06/26/07	4830-4835'	4 JSPF	20 holes
06/26/07	4806-4817'	4 JSPF	44 holes
06/26/07	4682-4688'	4 JSPF	24 holes
06/26/07	4571-4576'	4 JSPF	20 holes
06/26/07	4560-4565'	4 JSPF	20 holes

NEWFIELD

FEDERAL 10-22-9-16

1736'FSL & 2137' FEL

NW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33166; Lease # UTU-74392

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Federal #10-22-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Federal #10-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3878' - 5861'). 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 3560' and the TD is at 5925'.

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

The referenced log for the Federal #10-22-9-16 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-74392) 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 refilled.**

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

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

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 5917' 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 1746 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 #10-22-9-16, for existing perforations (4560' - 5740') calculates at .81 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 1746 psig. We may add additional perforations between 3560' and 5925'. 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 #10-22-9-16, the proposed injection zone (3878' - 5861') 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-11.


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

2.12 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.

NEWFIELD

ROCKY MOUNTAINS^{1 in = 1,250 feet}

1/2 Mile Radius Map

Duchesne County

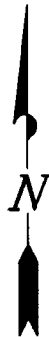
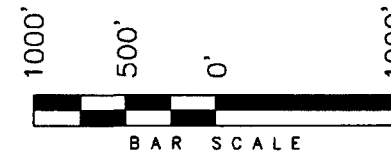
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

March 13, 2014

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-22-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 22, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 40237
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED:
03-31-06

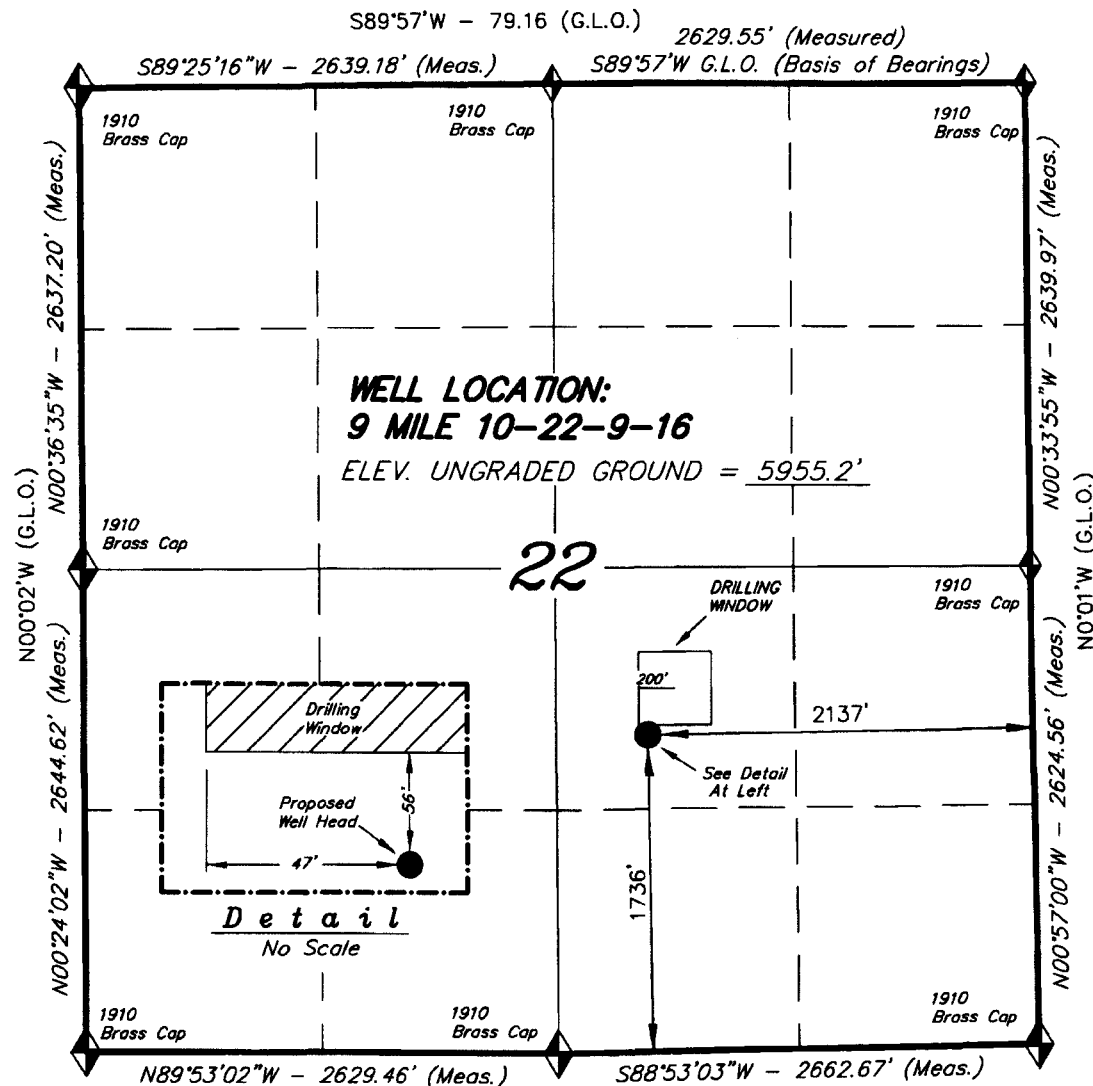
SURVEYED BY: C.M.

DATE DRAWN:
4-3-06

DRAWN BY: M.W.

REVISED:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

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

9 MILE 10-22-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 49.72"
LONGITUDE = 110° 06' 12.99"

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 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #10-22-9-16

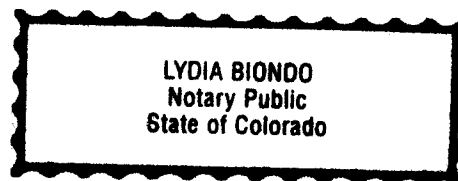
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Jill L. Loyle
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 3rd day of July, 2014.

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

My Commission Expires: 12/31/15



FEDERAL 10-22-9-16

Spud Date: 04/26/07
Put on Production: 06/29/07

GL: 5955' KB: 5967'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.97')
DEPTH LANDED: 322.82' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5904.01')
DEPTH LANDED: 5917.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 160'

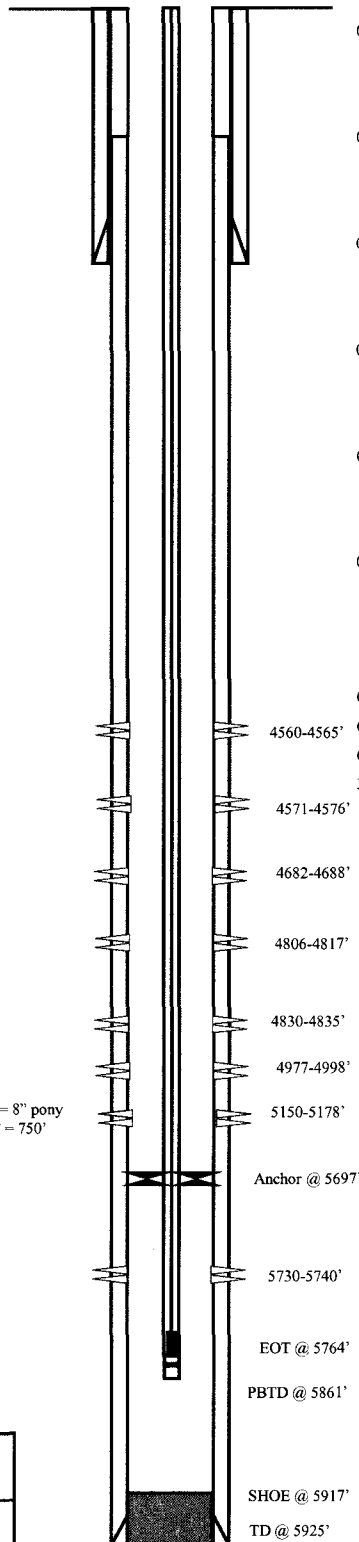
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5685.0')
TUBING ANCHOR: 5697.0' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5731.2' KB
NO. OF JOINTS: 1 jts (31.7')
TOTAL STRING LENGTH: EOT @ 5764' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 2 x 3/4" - 8' pony rod, 1 x 3/4" = 6' pony rod, 1 x 3/4" = 8" pony rod, 98-3/4" = 2450' guided rods, 93- 3/4" = 2325' sucker rods, 30- 3/4" = 750' guided rods, 6-1 1/2" = 150' weight bars
PUMP SIZE: 2 1/2" x 1 1/4" x 12 x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06/25/07 5730-5740' **Frac CP5 sands as follows:**
40069# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM. ISIP 2163 psi. Calc flush: 5728 gal. Actual flush: 5208 gal.

06/26/07 5150-5178' **Frac LODC sands as follows:**
126558# 20/40 sand in 899 bbls Lightning 17 frac fluid. Treated @ avg press of 2216 psi w/avg rate of 24.7 BPM. ISIP 2676 psi. Calc flush: 5148 gal. Actual flush: 4662 gal.

06/26/07 4977-4998' **Frac A1 sands as follows:**
94957# 20/40 sand in 708 bbls Lightning 17 frac fluid. Treated @ avg press of 1623 psi w/avg rate of 24.7 BPM. ISIP 1945 psi. Calc flush: 4975 gal. Actual flush: 4494 gal.

06/26/07 4806-4835' **Frac B2 & B1 sands as follows:**
61885# 20/40 sand in 508 bbls Lightning 17 frac fluid. Treated @ avg press of 1689 psi w/avg rate of 24.7 BPM. ISIP 1825 psi. Calc flush: 4804 gal. Actual flush: 4326 gal.

06/26/07 4682-4688' **Frac D3 sands as follows:**
12609# 20/40 sand in 241 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 1776 psi. Calc flush: 4680 gal. Actual flush: 4221 gal.

06/26/07 4560-4565' **Frac D1 sands as follows:**
16073# 20/40 sand in 246 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 psi w/avg rate of 24.7 BPM. ISIP 1857 psi. Calc flush: 4558 gal. Actual flush: 4494 gal.

05/28/08 pump change. Updated rod and tubing details
6/21/2010 Parted rods. Updated rod and tubing detail.
6/23/2010 Parted rods. Updated rod and tubing detail.
3/15/11 Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

06/21/07 5730-5740' 4 JSPF 40 holes
06/25/07 5150-5178' 4 JSPF 112 holes
06/26/07 4977-4998' 4 JSPF 84 holes
06/26/07 4830-4835' 4 JSPF 20 holes
06/26/07 4806-4817' 4 JSPF 44 holes
06/26/07 4682-4688' 4 JSPF 24 holes
06/26/07 4571-4576' 4 JSPF 20 holes
06/26/07 4560-4565' 4 JSPF 20 holes

NEWFIELD

FEDERAL 10-22-9-16

1736'FSL & 2137' FEL

NW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33166; Lease # UTU-74392

Spud Date: 12-26-05

Put on Production: 01-19-06

GL: 5742' KB: 5754'

Federal 1-22-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (315.48')

DEPTH LANDED: 327.33' KB

HOLE SIZE: 12-1/4"

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

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (5871.28')

DEPTH LANDED: 5869.78' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 120'

TUBING

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

NO. OF JOINTS: 124 jts (3933.1')

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

SN LANDED AT: 3945.1' KB

ON/OFF TOOL AT: 3946.2'

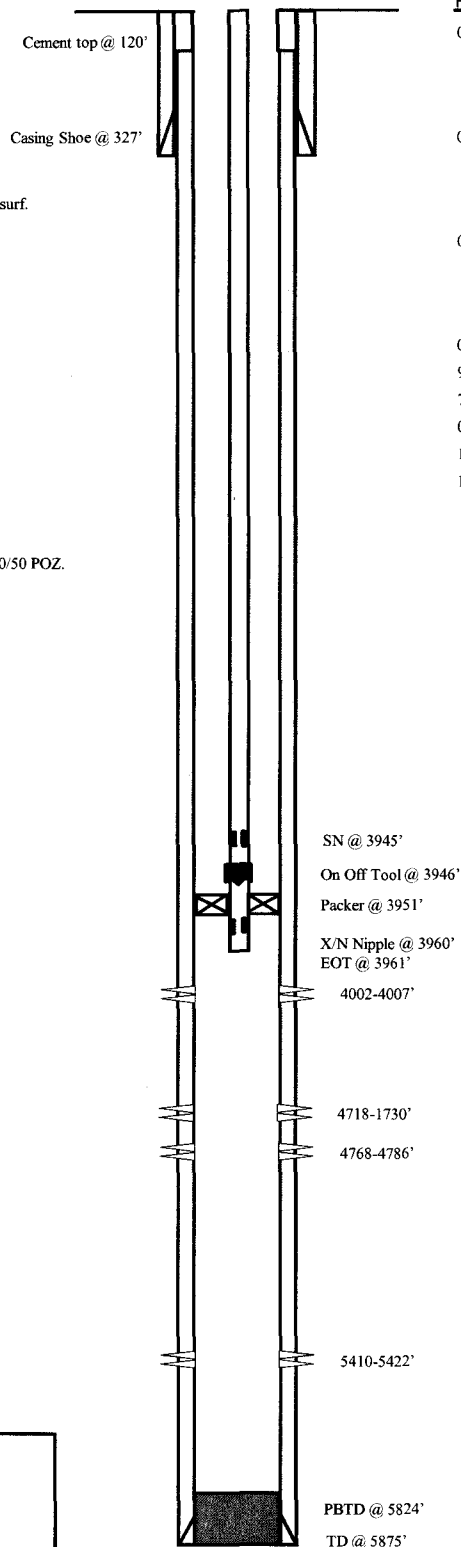
ARROW #1 PACKER CE AT: 3951'

XO 2-3/8 x 2-7/8 J-55 AT: 3955.2'

TBG PUP 2-3/8 J-55 AT: 3955.8'

X/N NIPPLE AT: 3959.9'

TOTAL STRING LENGTH: EOT @ 3961'

FRAC JOB

01-16-06 5410-5422'

Frac CP2, sands as follows:

45584# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5408 gal. Actual flush: 4788 gal.

01-16-06 4718-4730'

Frac B2, & B1 sands as follows:

124027# 20/40 sand in 851 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4716 gal. Actual flush: 4116 gal.

01-16-06 4002-4007'

Frac GB6 sands as follows:

23163# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 14.5 BPM. ISIP 2080 psi. Calc flush: 4000 gal. Actual flush: 3877 gal.

03/22/06

Pump Change. Update rod and tubing details.

9-3-08

Pump Change. Updated rod & tubing details.

7/21/09

Tubing Leak. Updated rod & tubing details.

01/13/2011

Pump Change. Rod & tubing detail updated.

11/14/12

Convert to Injection Well

11/16/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

01-11-06	5410-5422'	4 JSPF	48 holes
01-16-06	4768-4786'	4 JSPF	72 holes
01-16-06	4718-4730'	4 JSPF	48 holes
01-16-06	4002-4007'	4 JSPF	20 holes

NEWFIELD**Federal 1-22-9-16**

887' FNL & 963' FEL

NE/NE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-32612; Lease #UTU-74392

NEWFIELD



Schematic

43-013-33026

Well Name: Federal 6-22-9-16

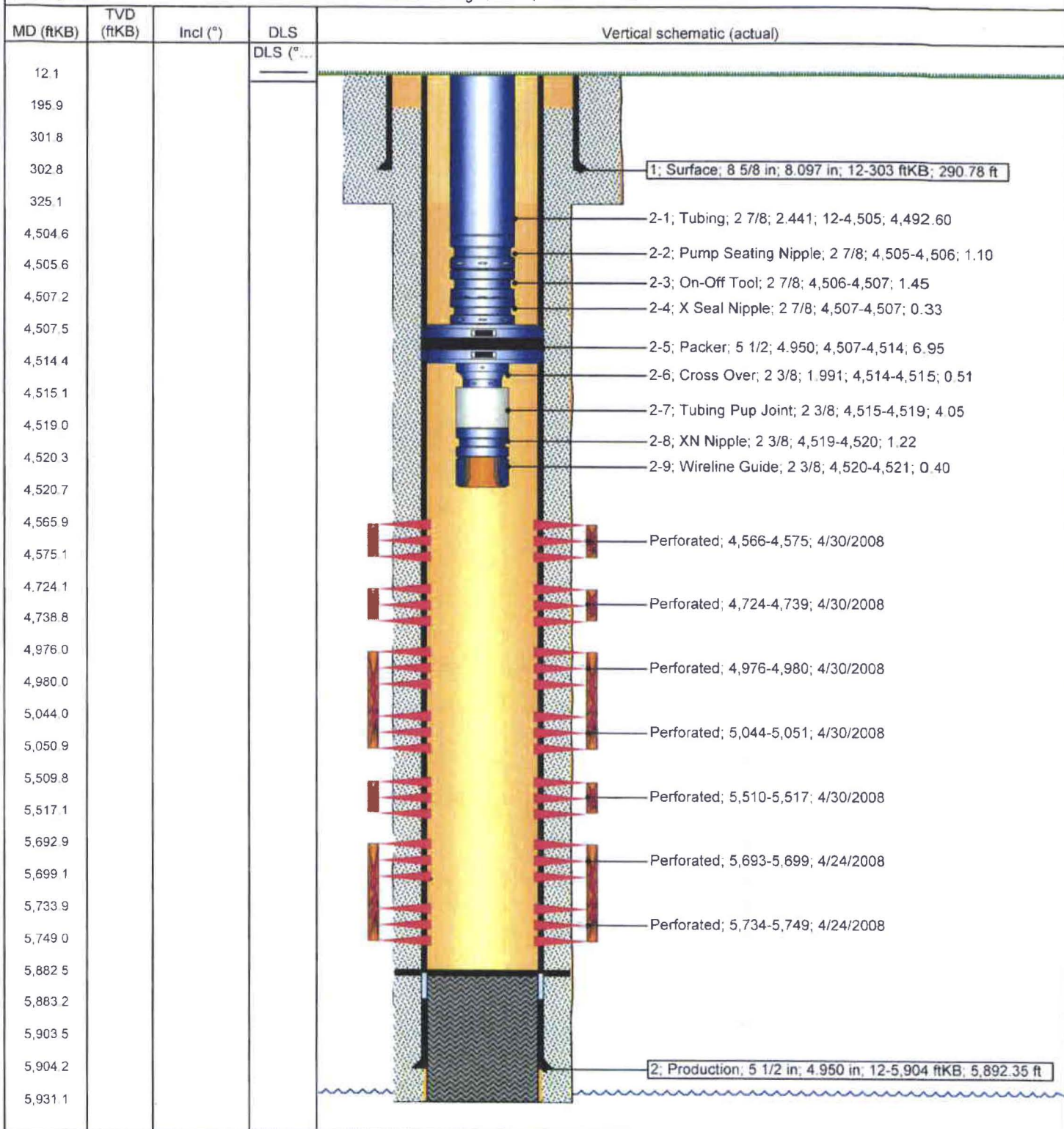
Surface Legal Location 22-9S-16E	API/UVI 43013330260000	Well RC 500154759	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 3/13/2008	Rig Release Date 4/10/2008	On Production Date 5/6/2008	Original KB Elevation (ft) 5,925	Ground Elevation (ft) 5,913	Total Depth All (TVD) (ftKB) P6TD (All) (ftKB) Original Hole - 5,882.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/16/2014	Job End Date 7/22/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,931.0

Vertical - Original Hole, 7/23/2014 9:49:31 AM



Federal 7-22-9-16

Spud Date: 3/12/08

Put on Production: 04/23/08

GL: 5818' KB: 5880'

5818 SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (323.72')

DEPTH LANDED: 336'

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: 141 jts. (5930.89')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5944'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 146'

TUBING

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

TBG PUP: 1 jt (10.2')

NO. OF JOINTS: 142 jts (4480.1')

ON/OFF TOOL AT: 4502.3'

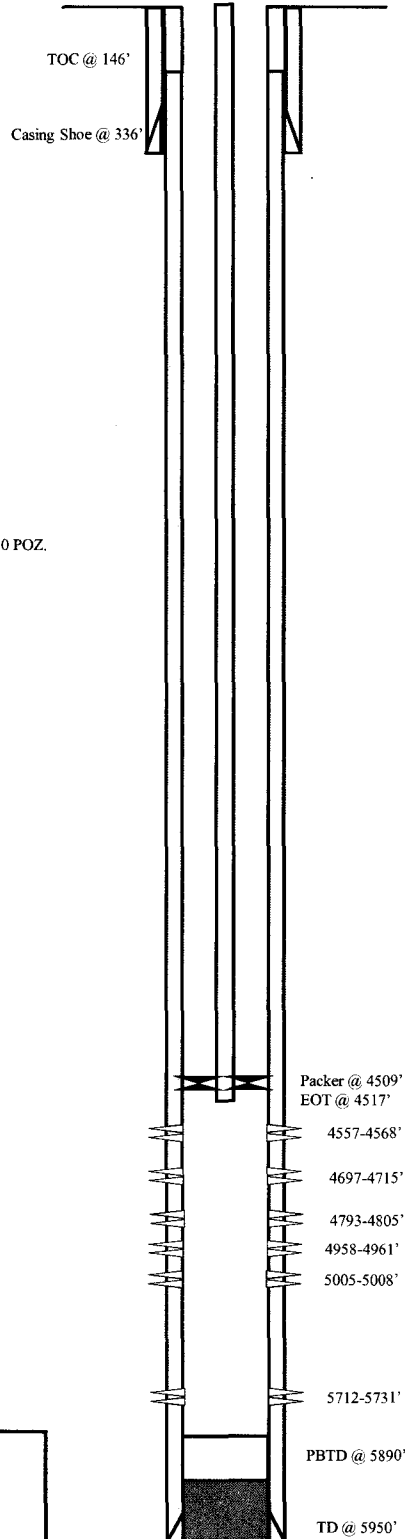
PACKER CE @ 4508.77'

XO 2-7/8 x 2-3/8" AT: 4511.2'

TBG PUP AT: 4511.7'

TOTAL STRING LENGTH: EOT @ 4517' w/12' KB

Injection Wellbore Diagram



FRAC JOB

04-17-08	5712-5731'	Frac CP5 sands as follows: Frac with 45958 #'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Treat at an ave pressure of 1725 psi @ 23.3 BPM. ISIP 1824 psi.
04-17-08	4793-4805'	Frac B1 sands as follows: Frac with 40109 #'s of 20/40 sand in 402 bbls of Lightning 17 fluid. Treat at an ave pressure of 1811 psi @ 23.3 BPM. ISIP 1936 psi.
04-17-08	4697-4715'	Frac C sands as follows: Frac with 109892 #'s of 20/40 sand in 801 bbls of Lightning 17 fluid. Treat at an ave pressure of 2002 psi @ 23.3 BPM. ISIP 2125 psi.
04-17-08	4557-4568'	Frac D1 sands as follows: Frac with 52326 #'s of 20/40 sand in 490 bbls of Lightning 17 fluid. Treat at an ave pressure of 2259 psi @ 23.3 BPM. ISIP 2160 psi.
04-29-08		Pump change. Tubing and rod details updated.
5/8/2010		Pump changed. Updated rod and tubing detail.
08/07/12	5005 - 5008'	Frac A3 sands as follows: Frac with 14510# of 20/40 sand in 230 bbls of Lightning 17 fluid.
08/07/12	4958-4961'	Frac A1 sands as follows: Frac with 16997# of 20/40 sand in 228 bbls of Lightning 17 fluid.
08/10/12		Convert to Injection Well
08/13/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

4557 - 4568'	4 JSPF	44 holes
4697 - 4715'	4 JSPF	72 holes
4793 - 4805'	4 JSPF	48 holes
5712 - 5731'	4 JSPF	76 holes
5005 - 5008'	3 JSPF	9 holes
4958 - 4961'	3 JSPF	9 holes



Federal 7-22-9-16
2036' FNL & 1837' FEL
SWNE Section 22-T9S-R16E
Duchesne Co, Utah
API #43-013-33027; Lease #UTU-64379

NEWFIELD



Schematic

43-013-32959

Well Name: Federal 8-22-9-16

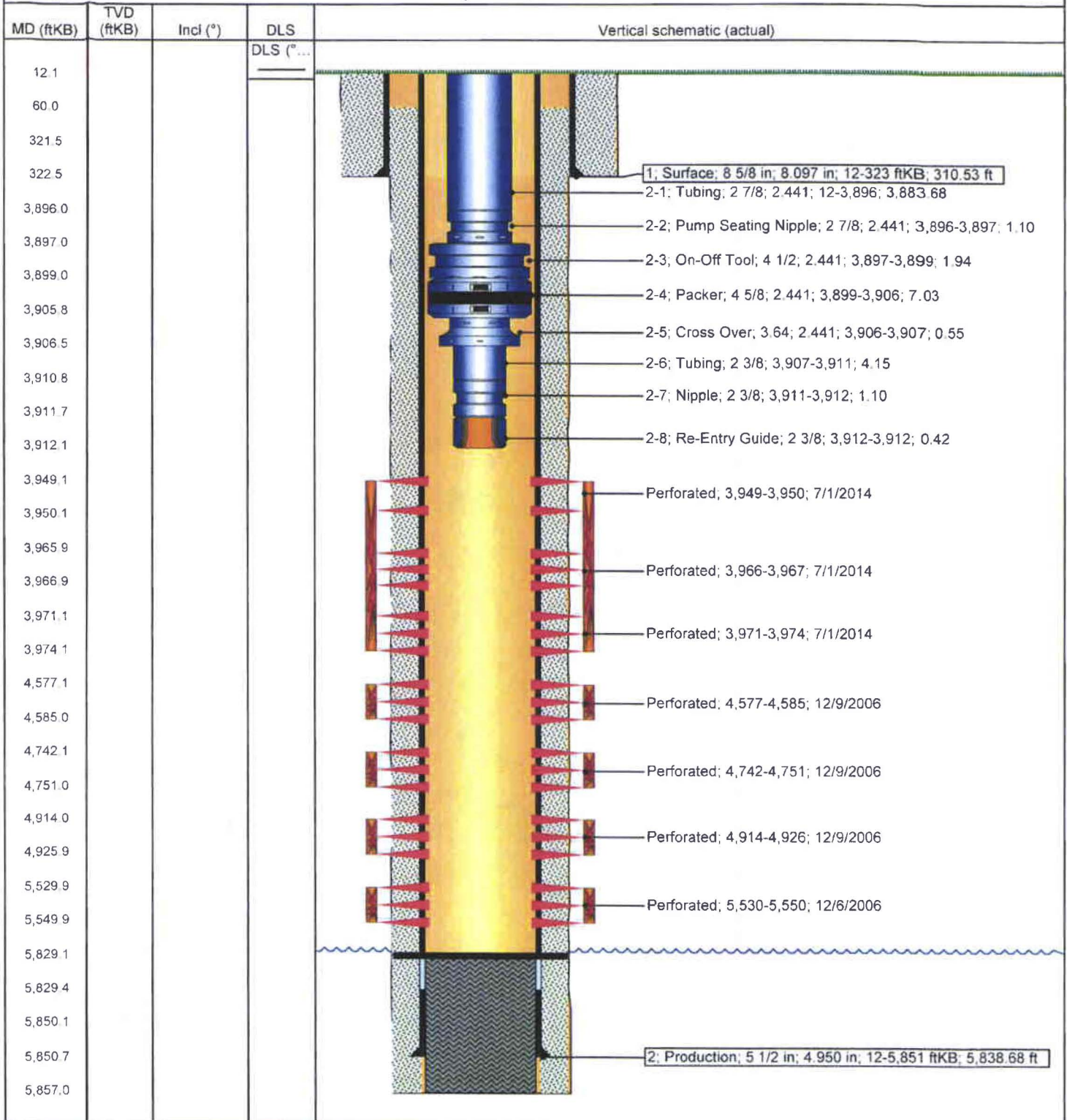
Surface Legal Location 22-9S-16E		API/UWV 43013329590000		Well RC 500159036		Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 11/1/2006	Rig Release Date 11/24/2006	On Production Date 12/13/2006	Original KB Elevation (ft) 5,791	Ground Elevation (ft) 5,779	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 5,828.9		

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 6/30/2014	Job End Date 7/3/2014
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TD: 5,857.0

Vertical - Original Hole, 7/23/2014 8:41:09 AM



Spud Date: 4-19-2007
 Put on Production: 6-08-2007
 GL: 5803' KB: 5815'

Federal 9-22-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (312.91')
 DEPTH LANDED: 322.91'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133jts (5855.48')
 DEPTH LANDED: 5852.48'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325sxs Premlite II & 425sxs 50/50 POZ.
 CEMENT TOP AT: 68' per CBL 5/30/07

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 123 jts (3778')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3790' KB
 ON/OFF TOOL AT: 3791.1'
 ARROW #1 PACKER CE AT: 3796.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 3800.1'
 TBG PUP 2-3/8 J-55 AT: 3800.6'
 X/N NIPPLE AT: 3804.8'
 TOTAL STRING LENGTH: EOT @ 3806.3'

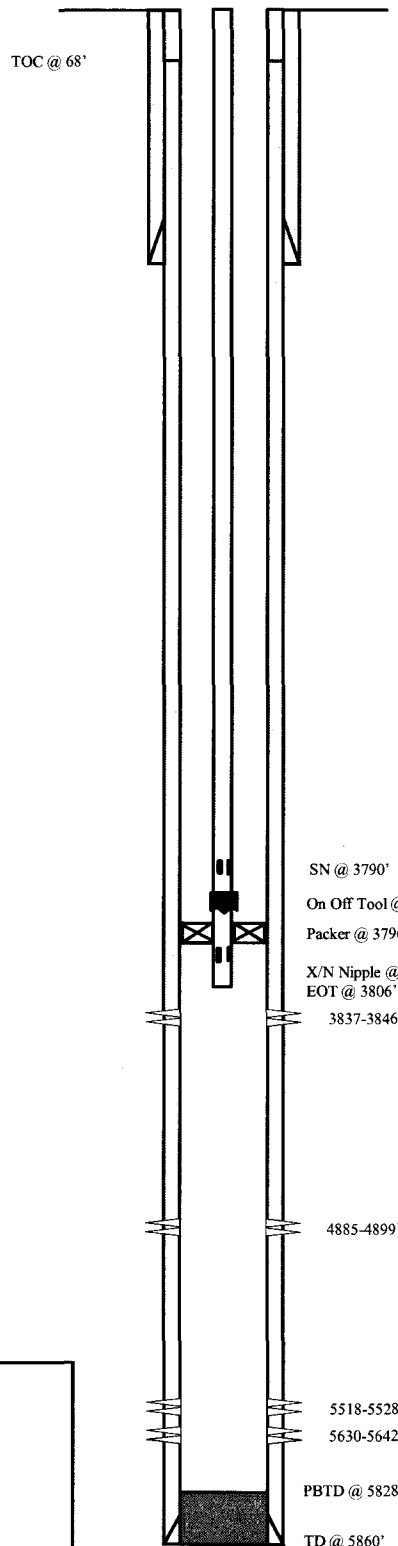
FRAC JOB

06-05-07	5630-5642'	Frac CP5 sands as follows: 39984# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1953 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5328 gal. Actual flush: 5208 gal.
06-05-07	5518-5528'	Frac CP4 sands as follows: 25037# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 5516 gal. Actual flush: 4998 gal.
06-05-07	4885-4899'	Frac A1 sands as follows: 59792# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4883 gal. Actual flush: 4368 gal.
06-05-07	3837-3846'	Frac GB2 sands as follows: 35741# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1806 psi w/avg rate of 24.7 BPM. ISIP 2950 psi. Calc flush: 3835 gal. Actual flush: 3738 gal.

12-13-07 **Pump Change.** Updated rod & tubing details.
 1-30-08 **Pump Change.** Updated rod & tubing details.
 8-29-08 **Pump Change.** Updated rod & tubing details.
 1/23/09 **Pump Change.** Updated r & t details.
 10/05/11 **Pump Change.** Rods & tubing updated.
 08/21/13 **Convert to Injection Well**
 08/23/13 **Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

05-30-07	5630-5642'	4 JSPF	48 holes
06-05-07	5518-5528'	4 JSPF	40 holes
06-05-07	4885-4899'	4 JSPF	96 holes
06-05-07	3837-3846'	4 JSPF	36 holes

**NEWFIELD**

Federal 9-22-9-16
 2079' FSL & 668' FEL
 NE/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33175; Lease # UTU-74392

Federal 11A-22-9-16

Spud Date: 5-15-07
 Put on Production: 7-18-07
 GL: 5867' KB: 5879'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jnts (311.35')
 DEPTH LANDED: 323.2' 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: 134 jts. (5829.37')
 DEPTH LANDED: 5842.62' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TO SURFACE: 183'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 124 jts (3867.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3879.6' KB
 ON/OFF TOOL AT: 3880.7'
 ARROW #1 PACKER CE AT: 3885'
 XO 2-3/8 x 2-7/8 J-55 AT: 3889.5'
 TBG PUP 2-3/8 J-55 AT: 3890'
 X/N NIPPLE AT: 3894.1'
 TOTAL STRING LENGTH: EOT @ 3895.5'

FRAC JOB

7-9-07 5601-5618' **Frac CP5 sands as follows:**
 50556# 20/40 sand in 495 bbls Lightning 17
 frac fluid. Treated @ avg press of 1972 psi
 w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc
 flush: 5599 gal. Actual flush: 5082 gal.

7-11-07 4885-4897' **Frac A1 sands as follows:**
 70631# 20/40 sand in 616 bbls Lightning 17
 frac fluid. Treated @ avg press of 1959 psi
 w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc
 flush: 48831 gal. Actual flush: 4410 gal.

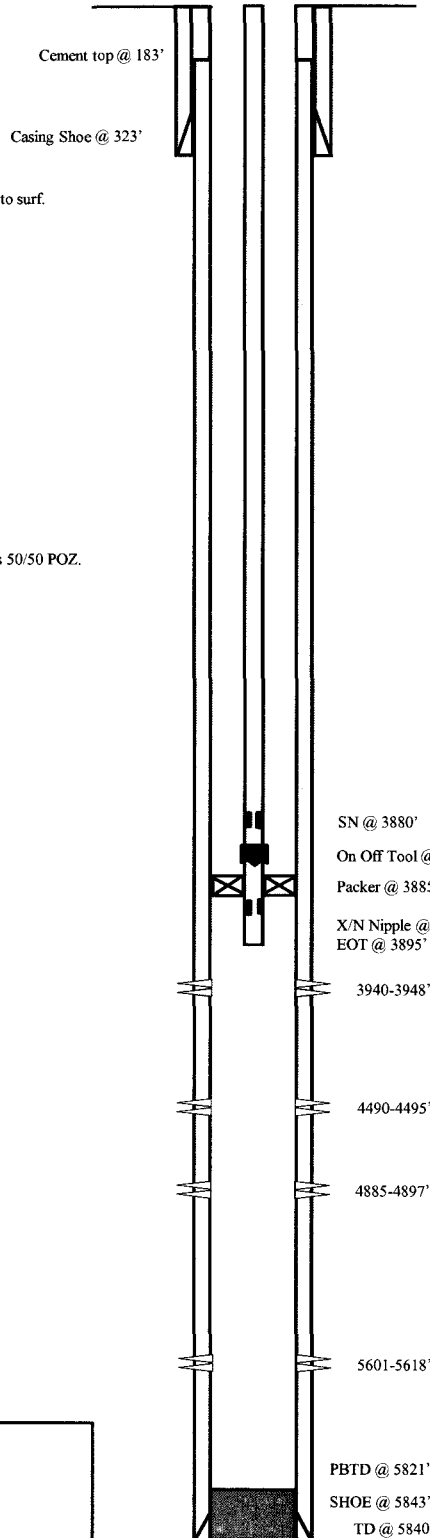
7-13-07 4490-4495' **Frac D1 sands as follows:**
 20088# 20/40 sand in 310 bbls Lightning 17
 frac fluid. Treated @ avg press of 1769 psi
 w/avg rate of 24.8BPM. ISIP 1908 psi. Calc
 flush: 4489 gal. Actual flush: 3990 gal.

7-13-07 3940-3948' **Frac GB4 sands as follows:**
 42107# 20/40 sand in 394 bbls Lightning 17
 frac fluid. 24.8BPM. ISIP 1470psi. Calc
 flush: 3938 gal. Actual flush: 3906 gal.

06/25/08 **Workover.** Rod & Tubing detail updated.
 1/18/2010 **Tubing leak.** Updated rod and tubing detail.
 11/16/12 **Convert to Injection Well**
 11/20/12 **Conversion MIT Finalized** – update tbg
 detail

PERFORATION RECORD

7-9-07	5601-5618'	4 JSPF	68 holes
7-18-07	4885-4897'	4 JSPF	48 holes
7-11-07	4490-4495'	4 JSPF	20 holes
7-13-07	3940-3948'	4 JSPF	32 holes

**NEWFIELD****Federal 11A-22-9-16**

2007' FSL & 1783' FWL
 NE/SW Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33149; Lease #UTU-74392

Spud Date: 5-9-2007
 Put on Production: 6-25-2007
 GL: 5994' KB: 6006'

Federal 13-22-9-16

Injection Wellbore
DiagramSURFACE CASING

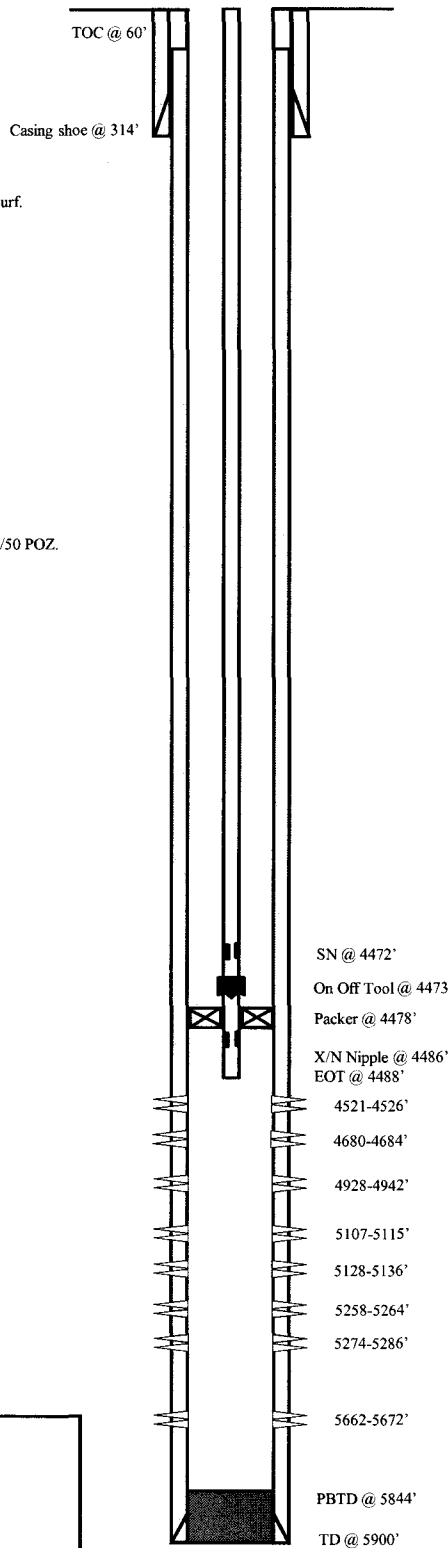
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.02')
 DEPTH LANDED: 313.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5879.22')
 DEPTH LANDED: 5892.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 142 jts (4460.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4472.5' KB
 ON/OFF TOOL AT: 4473.4'
 ARROW #1 PACKER CE AT: 4478.17'
 XO 2-3/8 x 2-7/8 J-55 AT: 4481.8'
 TBG PUP 2-3/8 J-55 AT: 4482.3'
 X/N NIPPLE AT: 4486.5'
 TOTAL STRING LENGTH: EOT @ 4488'

FRAC JOB

06-19-07	5662-5672'	Frac CP5 sands as follows: 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM. ISIP 2175 psi. Calc flush: 5660 gal. Actual flush: 5158 gal.
06-19-07	5258-5286'	Frac LODC sands as follows: 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM. ISIP 2750 psi. Calc flush: 5256 gal. Actual flush: 4788 gal.
06-18-07	5107-5136'	Frac LODC sands as follows: 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM. ISIP 3235 psi. Calc flush: 5105 gal. Actual flush: 4620 gal.
06-19-07	4928-4942'	Frac A1 sands as follows: 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1937 w/avg rate of 24.7 BPM. ISIP 2260 psi. Calc flush: 4926 gal. Actual flush: 4872 gal.
08/27/07		Pump Change: Rod & Tubing detail unchanged.
5/29/08		Stuck pump: Rod & Tubing detail updated.
1/31/09		Pump Change: Updated r & t detail.
3/16/2011		Pump Change: Updated rod & tubing detail.
11/26/12	4680-4684'	Frac C sands as follows: 11774# 20/40 sand in 216 bbls Lightning 17 frac fluid.
11/27/12	4521-4526'	Frac D1 sands as follows: 13743# 20/40 sand in 259 bbls Lightning 17 frac fluid.
11/28/12		Convert to Injection Well
12/04/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

06-18-07	5662-5672'	4 JSPF	40 holes
06-19-07	5274-5286'	4 JSPF	48 holes
06-19-07	5258-5264'	4 JSPF	24 holes
06-19-07	5128-5136'	4 JSPF	32 holes
06-19-07	5103-5110'	4 JSPF	32 holes
06-19-07	4928-4942'	4 JSPF	56 holes
11/21/12	4680-4684'	3 JSPF	12 holes
11/21/12	4521-4526'	3 JSPF	15 holes

NEWFIELD

Federal 13-22-9-16

906' FSL & 702' FWL
 SW/SW Section 22-T9S-R16E
 Duchesne Co, Utah

API # 43-013-33148; Lease # UTU-74392

Spud Date: 4-25-07
Put on Production: 6-22-07
GL: 5894' KB: 5906'

Fed. #14-22-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.02')
DEPTH LANDED: 320.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (6165.44')
DEPTH LANDED: 5793.94' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx Prem. Lite II & 400 sx 50/50 Poz.
CEMENT TOP: 104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 179 jts (5577.57')
TUBING ANCHOR: 5589.57' KB
NO. OF JOINTS: 1 jts (31.63')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5624.00' KB
NO. OF JOINTS: 1 jts (31.57')
TOTAL STRING LENGTH: EOT @ 5657.12' KB

SUCKER RODS

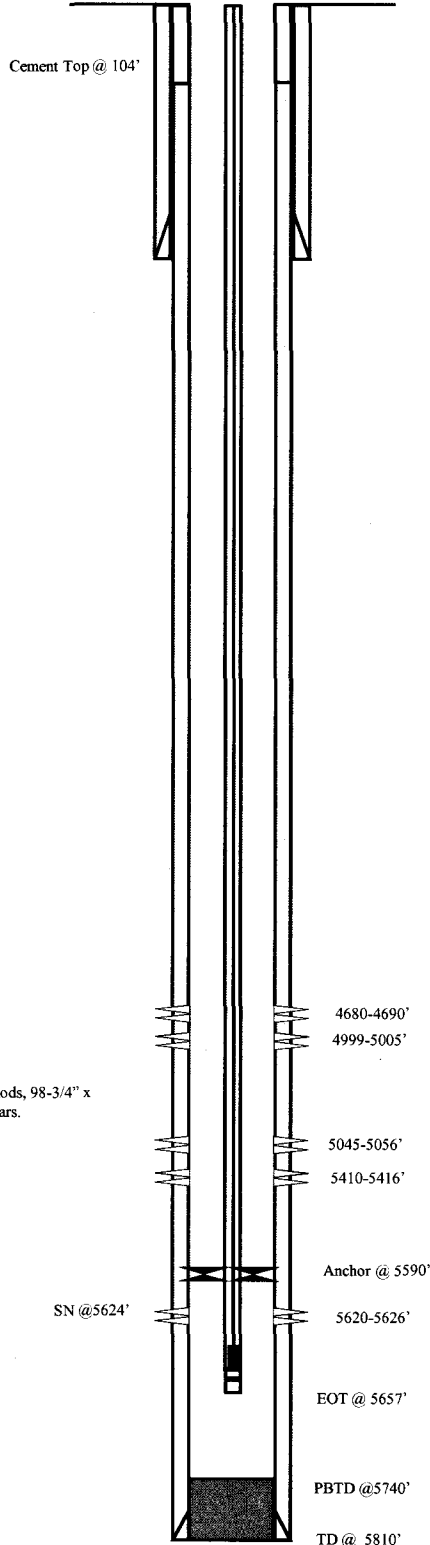
POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 3/4 x 4' Pony rod, 100-3/4 x 25' Scrapered Rods, 98-3/4" x 25' Slick Rods, 20-3/4" x 25' scrapered rods, 6-1 1/2 x 25' wt bars.
PUMP SIZE: 2 1/2" x 1 1/2" x 12x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

FRAC JOB

6/15/07 **5620-5626 RU BJ & frac CP5 sds as follows:**
14,228#s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand. ISIP was 2525. Actual flush: 5166 gals.
6/15/07 **5410-5416 RU BJ & frac stage #2 as follows:**
19,400# 20/40 sand in 298 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2134. Actual flush: 4914 gals.
6/15/07 **4999-5005 RU BJ & frac stage #3 as follows:**
55,118# 20/40 sand in 482 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2986. Actual flush: 4536 gals.
6/15/07 **4680-4690 RU BJ & frac stage #4 as follows:**
61,337# 20/40 sand in 472 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4662 gals.

1/3/09

Pump Change. Updated rod & tubing details.



PERFORATION RECORD

Date	Interval	Tool	Holes
06/15/07	5620-5626'	4 JSPF	24 holes
06/15/07	5410-5416'	4 JSPF	112 holes
06/15/07	5045-5056'	4 JSPF	84 holes
06/15/07	4999-5005'	4 JSPF	20 holes
06/15/07	4680-4690'	4 JSPF	40 holes

NEWFIELD

Federal 14-22-9-16
477' FSL and 1988' FWL
SE/SW Sec. 22, T9S, 16E
Duchesne Co, Utah
API #43-013-33147 ; Lease #UTU-74392

DF 3/13/09

Spud Date: 4/17/2007
 Put on Production: 6-18-2007
 GL: 5846' KB: 5858'

Federal 15-22-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.31')
 DEPTH LANDED: 316.16' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5764.96')
 DEPTH LANDED: 5768.96' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: Surface'

TUBING

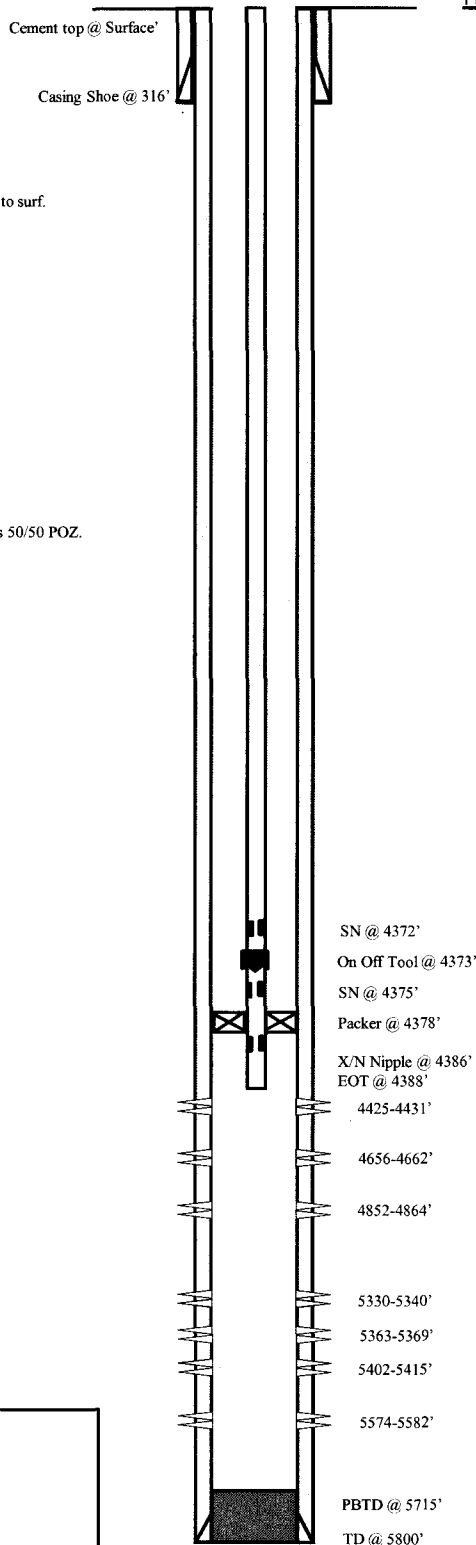
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 142 jts (4360.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4372.1' KB
 ON/OFF TOOL AT: 4373.2'
 SEAL NIPPLE LANDED AT: 4374.6' KB
 ARROW #1 PACKER CE AT: 4378.09'
 XO 2-3/8 x 2-7/8 J-55 AT: 4381.9'
 TBG PUP 2-3/8 J-55 AT: 4382.4'
 X/N NIPPLE AT: 4386.5'
 TOTAL STRING LENGTH: EOT @ 4388'

FRAC JOB

06-11-07	5574-5582'	Frac CP5 sands as follows: 19614# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2433 psi w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5572 gal. Actual flush: 5124 gal.
06-11-07	5330-5415'	Frac CP3, CP2, & CP1 sands as follows: 34912# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.8 BPM. ISIP 1976 psi. Calc flush: 4328 gal. Actual flush: 4872 gal.
06-11-07	4852-4864'	Frac A1 sands as follows: 19473# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 1777 psi w/avg rate of 24.8 BPM. ISIP 1860 psi. Calc flush: 4850 gal. Actual flush: 4410 gal.
06-11-07	4656-4662'	Frac B1 sands as follows: 14664# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1924 w/avg rate of 24.8 BPM. ISIP 1720 psi. Calc flush: 4654 gal. Actual flush: 4200 gal.
06-11-07	4425-4431'	Frac D1 sands as follows: 22099# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2182 w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4423 gal. Actual flush: 3948 gal.
7/23/07		Pump change: Updated rod & tuning detail.
05/29/08		Pump change: Updated rod and tubing detail.
5/11/09		Tubing Leak. Updated r & t details.
12/03/12		Convert to Injection Well
12/04/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

06-07-07	5574-5582'	4 JSPF	32 holes
06-11-07	5402-5415'	4 JSPF	52 holes
06-11-07	5363-5369'	4 JSPF	24 holes
06-11-07	5330-5340'	4 JSPF	40 holes
06-11-07	4852-4864'	4 JSPF	48 holes
06-11-07	4656-4662'	4 JSPF	24 holes
06-11-07	4425-4431'	4 JSPF	24 holes

**NEWFIELD**

Federal 15-22-9-16
 355' FSL & 1987' FEL
 SW/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33167; Lease # UTU-74392

FEDERAL 16-22-9-16

Spud Date: 08/27/07

Put on Production: 10/10/07

GL: 5800' KB: 5812'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (293.76')

DEPTH LANDED: 305.61' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: ? jts. (')

DEPTH LANDED: 6051' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.

CEMENT TOP: 39'

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#

NO. OF JOINTS: 42 jts (1309')

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

NO. OF JOINTS: 108 jts (3375.7')

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

SN LANDED AT: 4696.7' KB

ON/OFF TOOL AT: 4697.8'

X-SEAL LANDED AT: 4699.3' KB

ARROW #1 PACKER CE AT: 4703.09'

XO 2-3/8 x 2-7/8 J-55 AT: 4706.6'

TBG PUP 2-3/8 J-55 AT: 4707.1'

X/N NIPPLE AT: 4711.1'

TOTAL STRING LENGTH: EOT @ 4713'

FRAC JOB

10/05/07 5035-5071'

Frac A1 sands as follows:

140366# 20/40 sand in 1008 bbl Lightning 17 frac fluid. Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM. ISIP 2081 psi. Calc flush: 5033 gal. Actual flush: 4536 gal.

10/06/07 4964-4969'

Frac A.5 sands as follows:

15004# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2605 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 4962 gal. Actual flush: 4456 gal.

10/05/07 4860-4867'

Frac B2 sands as follows:

13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 1925 psi. Calc flush: 4858 gal. Actual flush: 4355 gal.

10/05/07 4748-4760'

Frac C sands as follows:

41811# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 24.8 BPM. ISIP 2235 psi. Calc flush: 4746 gal. Actual flush: 4662 gal.

6/17/08

Parted rods. Updated rod and tubing detail

11/19/08

Pump Change. Updated rod & tubing details.

2/13/09

Tubing Leak. Updated r & t details.

6/18/2010

Tubing leak. Updated rod and tubing detail.

11/21/12

Convert to Injection Well

11/27/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

10/02/07	5035-5071'	4 JSPF	144 holes
10/05/07	4964-4969'	4 JSPF	20 holes
10/05/07	4860-4867'	4 JSPF	28 holes
10/05/07	4748-4760'	4 JSPF	48 holes

Cement Top @ 39'

Casing Shoe @ 306'

SN @ 4697'

On Off Tool @ 4698'

SN @ 4699'

Packer @ 4703'

X/N Nipple @ 4711'

EOT @ 4713'

4748-4760'

4860-4867'

4964-4969'

5035-5071'

PBDT @ 5440'

TD @ 6075'

NEWFIELD**FEDERAL 16-22-9-16**

2068' FSL & 649' FEL

NE/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33394; Lease # UTU-74392

Federal 2-27-9-16

Spud Date: 12/16/2008
 Put on Production: 4/17/2009
 GL: 5863' KB: 5875'

Wellbore Diagram

FRAC JOB

4/9/2009 4945-4952' Frac LODC sds as follows:
 15,387#s of 20/40 sand in 295 bbls of Lightning 17 fluid. Treated
 w/ ave pressure of 2803 psi w/ ave rate of 24.4 BPM. ISIP 2884.

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (316.35')
 DEPTH LANDED: 326.35'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class 'G' cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts (5734.47')
 DEPTH LANDED: 5732.47'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sxs Premlite II & 400 sx 50/50 POZ., circ. 10 bbls to surf.
 CEMENT TOP: 246' per CBL 4/7/09

TUBING (KS 5/31/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 156 jts (4928.5')
 TUBING ANCHOR: 4940.5'
 NO. OF JOINTS: 1 jt (30.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4974.10'
 NO. OF JOINTS: 2 jts (62.2')
 TOTAL STRING LENGTH: EOT @ 5038'

SUCKER RODS (KS 5/31/12)

POLISHED ROD: 1-1/2" x 26' Polished Rod
 SUCKER RODS: 2', 4', 6' x 3/4" Pony Rods, 99 x 3/4" 4per Guided Rods, 72 x 3/4" Slick Rods, 20 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars, 6 x 1" Stabilizer Pony
 PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 3.9
 PUMPING UNIT: DARCO C-228-213-86

TOC @ 246'

SN @ 4974'

4532-4539'

4631-4636'

4658-4665'

4818-4832'

Anchor @ 4941'

4945-4952'

EOT @ 5038'

PBTD @ 5695'

TD @ 5750'

PERFORATION RECORD

4/9/09	4945-4952'	4 JSPF	28 holes
4/9/09	4818-4832'	4 JSPF	56 holes
4/9/09	4631-4636'	4 JSPF	20 holes
4/9/09	4658-4665'	4 JSPF	28 holes
4/9/09	4532-4539'	4 JSPF	28 holes

NEWFIELD



Federal 2-27-9-16

612' FNL & 2093' FEL

NW/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33351; Lease # UTU-74392

KS 7/19/12



Schematic

Well Name: GMBU K-22-9-16

43-013-52791

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
NWSW 2151 FSL 806 FWL Sec 23 T9S R16E	43013527910000	500385703	UTU15855	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)
10/1/2014	10/21/2014	11/14/2014	5,779	5,768	Original Hole - 5,880.6	Original Hole - 5,977.5

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	11/4/2014	11/11/2014

TD: 6,050.0

Slant - Original Hole, 12/3/2014 9:52:30 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (° ...)	
-2.0	-2.0	0.0		
	0.0			
11.2	11.2	0.0		1-1; Tubing Hanger; 7; 2.441; 11-12; 0.90
	11.8			
12.8	12.8	0.0		1-2; Stretch Correction; 2 7/8; 2.441; 12-14; 1.84
	13.8			
15.1	15.1	0.0		1; Conductor; 14 in; 13.500 in; 11-16 ftKB; 5.00 ft
	16.1			
29.9	29.9	0.1		
	32.2			
55.1	55.1	0.2		
	274.6			
275.6	275.6	0.8		
	313.6			
315.0	314.9	0.9		2; Surface; 8 5/8 in; 8.097 in; 11-315 ftKB; 303.95 ft
	325.1			
1,785.4	1,783.4	13.9		
	3,220.1			
3,307.7	3,230.4	17.8		1-3; Tubing; 2 7/8; 2.441; 14-5,509; 5,495.16
	4,547.6			
4,674.9	4,548.6	15.2		Perforated; 4,674-4,675; 11/6/2014
	4,561.2			
4,689.0	4,562.2	15.4		Perforated; 4,688-4,689; 11/6/2014
	4,572.9			
4,701.1	4,573.9	15.6		Perforated; 4,700-4,701; 11/6/2014
	4,607.3			
4,740.2	4,611.4	16.2		Perforated; 4,736-4,740; 11/6/2014
	4,660.5			
5,044.0	4,904.2	15.0		Perforated; 5,044-5,048; 11/6/2014
	4,908.0			
5,508.9	5,354.4	15.0		1-4; Anchor/catcher; 4 1/2; 2.441; 5,509-5,512; 2.80
	5,357.2			
5,529.9	5,374.6	15.3		1-5; Tubing; 2 7/8; 2.441; 5,512-5,545; 33.10
	5,376.8			Perforated; 5,530-5,532; 11/4/2014
5,543.0	5,387.3	15.4		
	5,389.2			
5,545.9	5,390.1	15.5		1-6; Pump Seating Nipple; 2 7/8; 2.280; 5,545-5,546; 1.10
	5,392.0			Perforated; 5,546-5,548; 11/4/2014
5,565.0	5,408.5	15.5		1-7; Tubing; 2 7/8; 2.441; 5,546-5,579; 33.10
	5,422.1			
5,583.0	5,425.9	15.5		1-8; Tubing Pup Joint; 2 7/8; 2.441; 5,579-5,583; 4.14
	5,445.2			
5,669.0	5,508.9	14.8		1-9; Desander; 2 7/8; 0.000; 5,583-5,603; 19.76
	5,509.8			
5,977.4	5,809.2	10.6		1-10; Tubing; 2 7/8; 2.441; 5,603-5,669; 66.20
	5,811.1			
6,023.3	5,854.3	10.6		1-11; Valve; 2 7/8; 0.000; 5,669-5,670; 0.87
	5,855.0			
6,049.9	5,880.4	10.6		3; Production; 5 1/2 in; 4.950 in; 11-6,024 ftKB; 6,012.92 ft

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

ATTACHMENT F

1 of 5

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A HALLIBURTON SERVICE

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingled After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

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			
Test Date:	11/26/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Pressure 1 (psig):	2000	Potassium (K):	39.00	Sulfate (SO ₄):	41.00
System Temperature 2 (°F):	210	Magnesium (Mg):	24.00	Bicarbonate (HCO ₃):	1122.00
System Pressure 2 (psig):	2000	Calcium (Ca):	41.00	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):	0.70	Acetic Acid (CH ₃ COO)	
pH:	6.50	Barium (Ba):	0.00	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2413.76	Iron (Fe):	0.11	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.03	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	24.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	0.00	Manganese (Mn):	0.00	Silica (SiO ₂):	4.92

Notes:

B=4 Al=18 Li=0

(PTB = Pounds per Thousand Barrels)

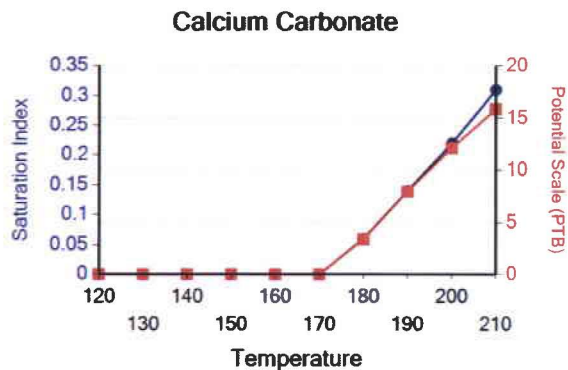
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	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	2000.00	0.14	7.94	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	2000.00	0.06	3.37	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	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	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 10-22-9-16**Sample Point: **Wellhead**Sample Date: **5/22/2014**Sample ID: **WA-275883**Sales Rep: **Pete Prodromides**Lab Tech: **Layne Wilkerson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	5/29/2014	<i>Cations</i>		<i>Anions</i>	
System Temperature 1 (°F):	100	<i>mg/L</i>		<i>mg/L</i>	
System Pressure 1 (psig):	4500	Sodium (Na):	4539.29	Chloride (Cl):	7000.00
System Temperature 2 (°F):	180	Potassium (K):	30.46	Sulfate (SO ₄):	81.00
System Pressure 2 (psig):	4500	Magnesium (Mg):	4.45	Bicarbonate (HCO ₃):	488.00
Calculated Density (g/ml):	1.0057	Calcium (Ca):	16.95	Carbonate (CO ₃):	
pH:	6.50	Strontium (Sr):	3.61	Acetic Acid (CH ₃ COO)	
Calculated TDS (mg/L):	12227.21	Barium (Ba):	8.38	Propionic Acid (C ₂ H ₅ COO)	
CO ₂ in Gas (%):		Iron (Fe):	39.38	Butanoic Acid (C ₃ H ₇ COO)	
Dissolved CO ₂ (mg/L):	0.00	Zinc (Zn):	0.28	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
H ₂ S in Gas (%):		Lead (Pb):	0.01	Fluoride (F):	
H ₂ S in Water (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
		Manganese (Mn):	0.57	Silica (SiO ₂):	14.83

Notes:

B=- AI=.02 LI=.82

(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
180.00	4500.00	0.00	0.00	0.67	3.86	0.00	0.00	1.07	24.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.00	4500.00	0.00	0.00	0.69	3.92	0.00	0.00	1.00	24.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.00	4500.00	0.00	0.00	0.72	3.98	0.00	0.00	0.93	23.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.00	4500.00	0.00	0.00	0.75	4.05	0.00	0.00	0.86	22.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.00	4500.00	0.00	0.00	0.78	4.12	0.00	0.00	0.79	21.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.00	4500.00	0.00	0.00	0.82	4.20	0.00	0.00	0.72	20.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.00	4500.00	0.00	0.00	0.87	4.27	0.00	0.00	0.65	19.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.00	4500.00	0.00	0.00	0.92	4.35	0.00	0.00	0.58	18.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.00	4500.00	0.00	0.00	0.97	4.43	0.00	0.00	0.51	16.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	4500.00	0.00	0.00	1.04	4.50	0.00	0.00	0.44	14.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

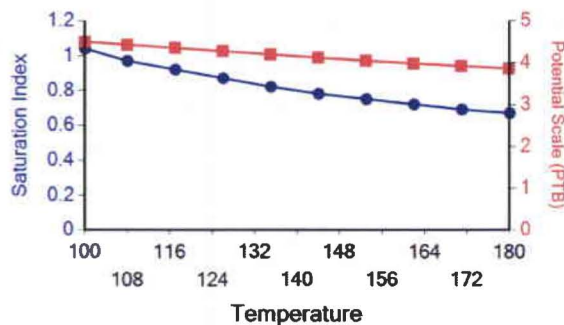
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
180.00	4500.00	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	1.89	10.41
171.00	4500.00	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	1.45	8.53
162.00	4500.00	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	1.01	6.32
153.00	4500.00	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	0.57	3.80
144.00	4500.00	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	0.14	0.97
135.00	4500.00	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
126.00	4500.00	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
117.00	4500.00	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
108.00	4500.00	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
100.00	4500.00	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

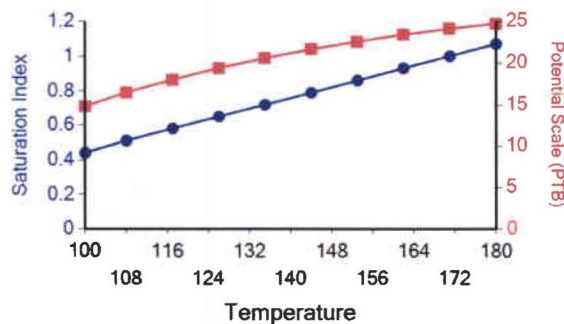
These scales have positive scaling potential under initial temperature and pressure: Barium Sulfate Iron Carbonate Fe Silicate

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

Barium Sulfate

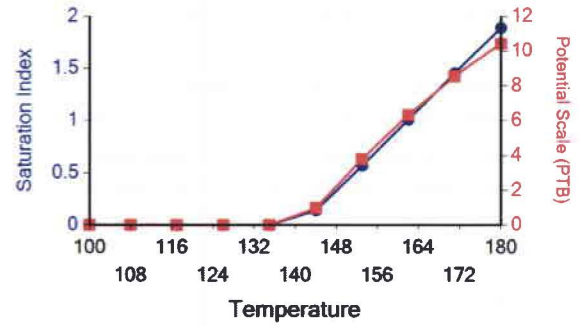


Iron Carbonate



Water Analysis Report

Fe Silicate



Attachment "G"

Federal #10-22-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5730	5740	5735	2163	0.81	2126
5150	5178	5164	2676	0.95	2643
4977	4998	4988	1945	0.82	1913
4806	4835	4821	1825	0.81	1794
4682	4688	4685	1776	0.81	1746 ←
4560	4565	4563	1857	0.84	1827
				Minimum	<u>1746</u>

Calculation of Maximum Surface Injection Pressure

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

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

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

Daily Activity Report

Format For Sundry

FEDERAL 10-22-9-16**4/1/2007 To 8/30/2007****6/22/2007 Day: 1****Completion**

Rigless on 6/21/2007 - 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 @ 5828' & cement top @ 160'. Perforate stage #1. CP5 sds @ 5730-5740' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

6/26/2007 Day: 2**Completion**

Rigless on 6/25/2007 - RU BJ Services. 0 psi on well. Frac CP5 sds w/ 40,069#'s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 3553 psi. Treated w/ ave pressure of 1945 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2163 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 28' perf gun. Set plug @ 5290'. Perforate LODC sds @ 5150- 78' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 112 shots (2 runs). Leave pressure on well. SIWFN w/ 547 BWTR.

6/27/2007 Day: 3**Completion**

Rigless on 6/26/2007 - RU BJ Services. 1065 psi on well. Frac LODC sds w/ 126,558#'s of 20/40 sand in 899 bbls of Lightning 17 fluid. Broke @ 3124 psi. Treated w/ ave pressure of 2216 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2676 psi. Leave pressure on well. 1446 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 21' perf gun. Set plug @ 5070'. Perforate A1 sds @ 4977- 98' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 84 shots. RU BJ Services. 1780 psi on well. Frac A1 sds w/ 94,957#'s of 20/40 sand in 708 bbls of Lightning 17 fluid. Broke @ 3909 psi. Treated w/ ave pressure of 1623 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1945 psi. Leave pressure on well. 2154 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 11' perf gun. Set plug @ 4910'. Perforate B2 sds @ 4830-35', B1 sds @ 4806- 17' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 64 shots (2 runs due to misrun). RU BJ Services. 107 psi on well. Frac B1 & B2 sds w/ 61,885#'s of 20/40 sand in 508 bbls of Lightning 17 fluid. Broke @ 2667 psi. Treated w/ ave pressure of 1689 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1825 psi. Leave pressure on well. 2662 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 6' perf gun. Set plug @ 4760'. Perforate D3 sds @ 4682-88' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 107 psi on well. Frac D3 sds w/ 12,609#'s of 20/40 sand in 241 bbls of Lightning 17 fluid. Broke @ 3916 psi. Treated w/ ave pressure of 2133 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1776 psi. Leave pressure on well. 2903 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 5' & 5' perf gun. Set plug @ 4640'. Perforate D1 sds @ 4571-76' & 4560-65' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 40 shots. RU BJ Services. 1377 psi on well. Frac D1 sds w/ 16,073#'s of 20/40 sand in 246 bbls of Lightning 17 fluid. Broke @ 2096 psi. Treated w/ ave pressure of 1881 psi @ ave rate of 24.7 BPM. ISIP

1857 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 1/2 hrs & died. Rec. 146 BTF. SIWFN w/ 3003 BWTR.

6/28/2007 Day: 4

Completion

NC #1 on 6/27/2007 - 6:30AM MIRU NC#1, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub, 148 Jts Tbg To Fill @ 4594', R/U Nabors Pwr Swvl & R/pmp, C/Out To Plg @ 4640', Drill Up Plg, Swvl I/Hle To Fill @ 4725', C/Out To Plg @ 4760', Drill Up Plg, Swvl I/Hle To Fill @ 4864', C/Out To Plg @ 4910', Drill Up Plg, Swvl I/Hle To Plg @ 5070', Drill Up Plg, Swvl I/Hle To Fill @ 5174', C/Out To 5191', Curc Well Clean, POOH W/-2 Jts Tbg EOB @ 5126', SWI, 6:30PM C/SDFN.

6/29/2007 Day: 5

Completion

NC #1 on 6/28/2007 - 6:30AM OWU, RIH W/-2 Jts Tbg To Fill @ 5191', C/Out To Plg @ 5290', Drill Up Plg, Swvl I/Hle To Fill @ 5746', C/Out To PBTD @ 5861', Curc Well Clean, POOH W/-4 Jts Tbg, EOB @ 5755', R/U Swab, RIH IFL @ Surf, Made 15 Swab Runs, Recvred 173 Bbls Wtr, Lite Trce Oil, Lite Trce Sand, FFL @ 1400', RIH W/-Tbg To Fill @ 5859, C/Out To PBTD @ 5861', Curc Well Clean, POOH W/-188 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 183 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD, SWI, 6:30PM C/SDFN. Recvred 173 Bbls Wtr Swabbing, Lost 68 Bbls Wtr On Curc Out @ PBTD, Total Wtr Recvery For Day = 105 Bbls.

7/2/2007 Day: 6

Completion

NC #1 on 7/1/2007 - 6:30AM OWU, R/U R/pmp & Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x14 1/2 RHAC & Rod String Shown Below. Seat pmp, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Eq, R/D Rig, POP @ 12:30PM, 86" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4510'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 147' balance plug using 17 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 44 sx Class "G" cement down 5 ½" casing to 372'

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

FEDERAL 10-22-9-16

Spud Date: 04/26/07
Put on Production: 06/29/07

GL: 5955' KB: 5967'

SURFACE CASING

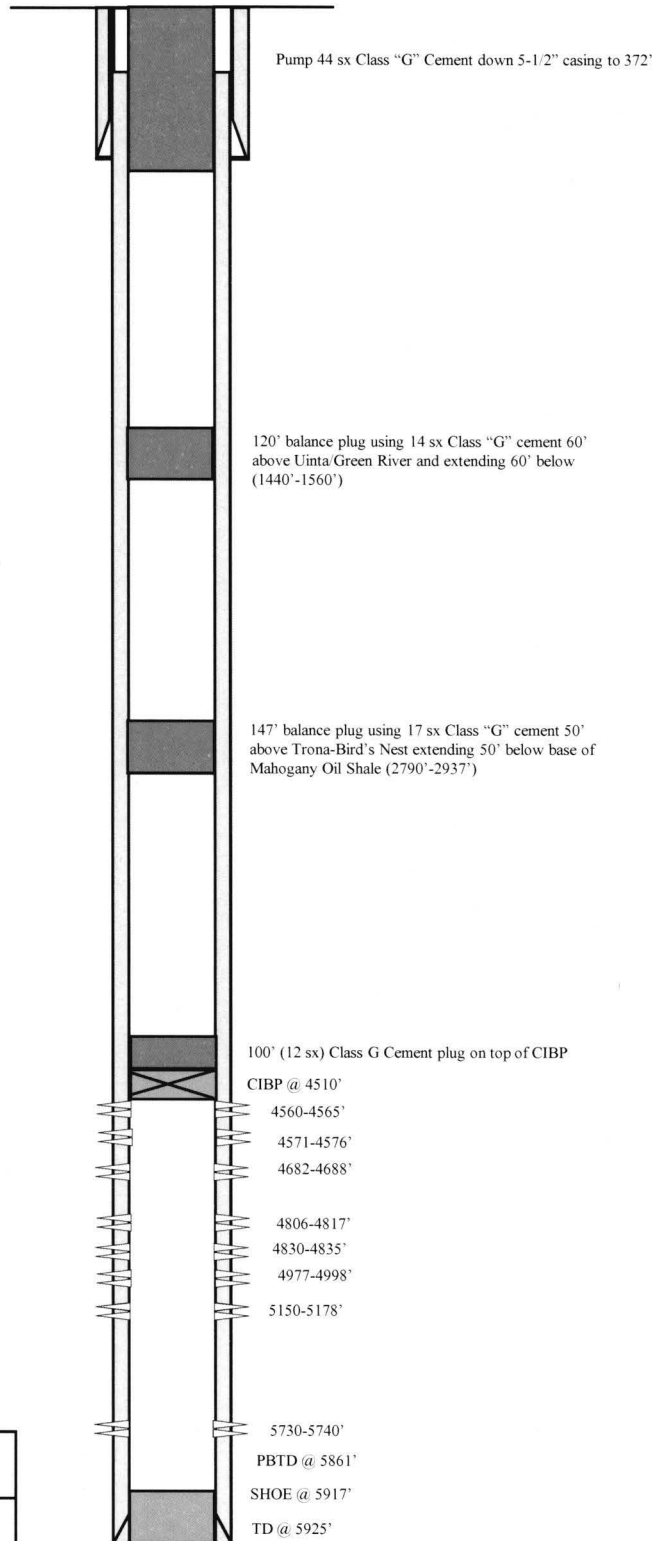
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.97')
DEPTH LANDED: 322.82' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5904.01')
DEPTH LANDED: 5917.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 160'

Proposed P & A
Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

**NEWFIELD****FEDERAL 10-22-9-16**

1736'FSL & 2137' FEL

NW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33166; Lease # UTU-74392

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: Newfield Production Company		8. WELL NAME and NUMBER: Federal 10-22-9-16
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		9. API NUMBER: 43013331660000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1736 FSL 2137 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 Township: 9S Range: 16E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
STATE: UTAH		
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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/26/2019	<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"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 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 1041 psig and charted for 20 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 10 psig during the test. There was a State representative available to witness the test – Mark Reinbold.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY 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 Reinbold Date: 9-26-2019 Time: 8:33 am pm
Test Conducted By: EVERETT LINRUH
Others Present: _____

Well Name: <u>FEDERAL 10-22-9-16</u>			
Field: <u>Monument Butte</u>	County: <u>Duchesne</u>	State: <u>ut</u>	
Location: <u>NWSE</u> Sec: <u>22</u>	T <u>9</u> N <u>(S)</u> R <u>16</u>	E <u>(Y)</u> W	
Operator: <u>Newfield</u>		API # <u>43-013-33166</u>	
Last MIT: <u>10 / 27 / 2014</u>		Maximum Allowable Pressure: <u>1746</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 / 10 psig

MIT DATA TABLE	Test #1	Test #2
TUBING	PRESSURE	
Initial Pressure	<u>10</u> psig	psig
End of test pressure	<u>10</u> psig	psig
CASING / TUBING	ANNULUS PRESSURE	
0 minutes	<u>1048.8</u> psig	psig
5 minutes	<u>1049.4</u> psig	psig
10 minutes	<u>1046.8</u> psig	psig
15 minutes	<u>1044.0</u> psig	psig
20 minutes	<u>1041.4</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

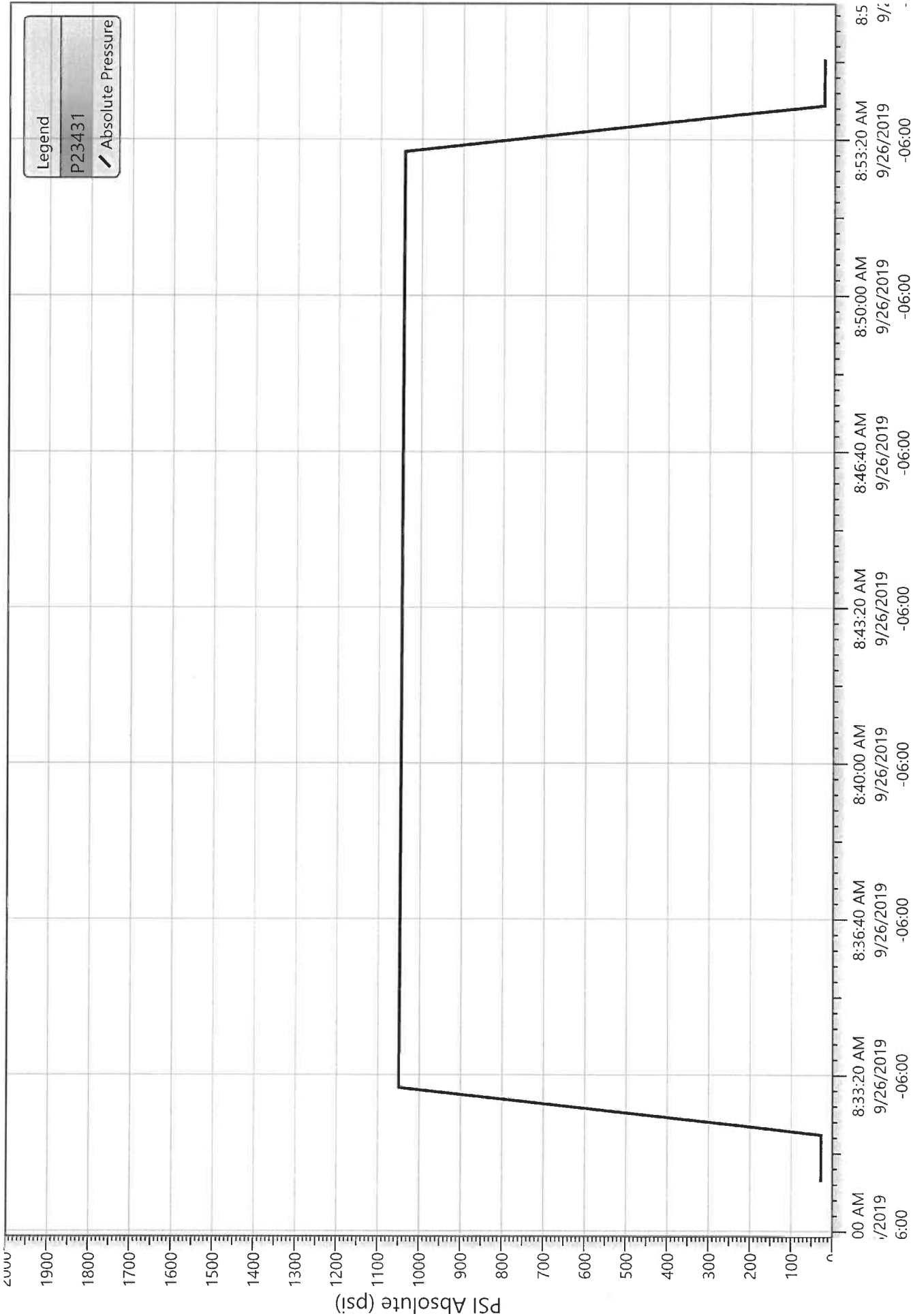
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Mark Reinbold

Signature of Person Conducting Test: Everett Linruh

Federal 10-22-9-16 (9/26/2019, 5 yr. MIT)

9/26/2019 8:30:37 AM



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

Effective Date: 1/24/2020

FORMER OPERATOR:	NEW OPERATOR:
Newfield Production Company	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:
2. Sundry or legal documentation was received from the **NEW** operator on:
3. New operator Division of Corporations Business Number:

3/16/2020

3/16/2020

755627-0143

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on:

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:

9/2/2020

1/14/2021

12/21/2020

3/25/2020

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

NEW OPERATOR BOND VERIFICATION:

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

B001834.A

107238142-Shut-In Bond

DATA ENTRY:

Well(s) update in the RBDMS on:

1/14/2021

Group(s) update in RDBMS on:

1/14/2021

Surface Facilities update in RBDMS on:

1/14/2021

Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

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

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

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

PREVIOUS NAME:

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

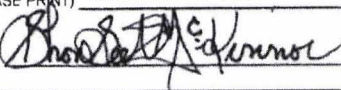
NEW NAME:

Oviniv 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.

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

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



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: _____

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

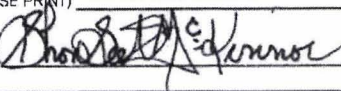
NEW NAME:

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 : County :	Lease Designation and Number See Attached
QQ, Section, Township, Range: State : UTAH	

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

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

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/SIT/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021
UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021

Surface Facility(s) included in operator change:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

Well(s) update in the RBDMS on: 11/24/2021
Group(s) update in RDBMS on: 11/21/2021
Surface Facilities update in RBDMS on: 11/24/2021
Entities Updated in RBDMS on: 11/24/2021

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

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

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

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

PHONE NUMBER:
(281) 210-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M. Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina



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 Footage : County : QQ, Section, Township, Range:	Field or Unit Name See Attached Lease Designation and Number See Attached
State : UTAH	

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

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

NEW OPERATOR

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

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

[Signature]
Oct 04, 2021

☐ EPA approval required

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

Effective Date: 9/1/2022

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

WELL INFORMATION:

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

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

- Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023
- Group(s) update in RDBMS on: 12/20/2022
- Surface Facilities update in RBDMS on: NA
- Entities Updated in RBDMS on: 1/25/2023

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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	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
PHONE NUMBER: (972) 325-1096	9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/1/2022	<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:			

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 Oviniv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

PREVIOUS OPERATOR:
Oviniv 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 	DATE 8/31/2022

(This space for State use only)

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

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: [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: [Signature]
Title: Managing Director
Date: 11/15/2022

(This space for State use only)

[Signature]

☐ EPA approval required

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

<div>STATE OF UTAH</div> <div>DEPARTMENT OF NATURAL RESOURCES</div> <div>DIVISION OF OIL, GAS, AND MINING</div>		<div>FORM 9</div> <div>5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392</div>	
<div>SUNDRY NOTICES AND REPORTS ON WELLS</div> <div>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.</div>		<div>6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:</div> <div>7.UNIT or CA AGREEMENT NAME: Greater Monument Butte</div>	
<div>1. TYPE OF WELL Water Injection Well</div>		<div>8. WELL NAME and NUMBER: Federal 10-22-9-16</div>	
<div>2. NAME OF OPERATOR: Scout Energy Management, LLC</div>		<div>9. API NUMBER: 43013331660000</div>	
<div>3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240</div>		<div>PHONE NUMBER: 972-277-1397</div>	
<div>9. FIELD and POOL or WILDCAT: MONUMENT BUTTE</div>			
<div>4. LOCATION OF WELL FOOTAGES AT SURFACE: 1736 FSL 2137 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 Township: 9S Range: 16E Meridian: S</div>		<div>COUNTY: DUCHESNE</div> <div>STATE: UTAH</div>	
<div>11.</div> <div>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</div>			
<div>TYPE OF SUBMISSION</div>		<div>TYPE OF ACTION</div>	
<div><div><input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:</div><div><input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/19/2024</div><div><input type="checkbox"/> SPUD REPORT Date of Spud:</div><div><input type="checkbox"/> DRILLING REPORT Report Date:</div></div>		<div><div><input type="checkbox"/> ACIDIZE</div><div><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div><div><input type="checkbox"/> CHANGE WELL STATUS</div><div><input type="checkbox"/> DEEPEN</div><div><input type="checkbox"/> OPERATOR CHANGE</div><div><input type="checkbox"/> PRODUCTION START OR RESUME</div><div><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div><div><input type="checkbox"/> TUBING REPAIR</div><div><input type="checkbox"/> WATER SHUTOFF</div><div><input type="checkbox"/> WILDCAT WELL DETERMINATION</div><div><input type="checkbox"/> ALTER CASING</div><div><input type="checkbox"/> CHANGE TUBING</div><div><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div><div><input type="checkbox"/> FRACTURE TREAT</div><div><input type="checkbox"/> PLUG AND ABANDON</div><div><input type="checkbox"/> RECLAMATION OF WELL SITE</div><div><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div><div><input type="checkbox"/> VENT OR FLARE</div><div><input type="checkbox"/> SI TA STATUS EXTENSION</div><div><input checked="" type="checkbox"/> OTHER</div><div><input type="checkbox"/> CASING REPAIR</div><div><input type="checkbox"/> CHANGE WELL NAME</div><div><input type="checkbox"/> CONVERT WELL TYPE</div><div><input type="checkbox"/> NEW CONSTRUCTION</div><div><input type="checkbox"/> PLUG BACK</div><div><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div><div><input type="checkbox"/> TEMPORARY ABANDON</div><div><input type="checkbox"/> WATER DISPOSAL</div><div><input type="checkbox"/> APD EXTENSION</div></div> <div>OTHER: <input type="text" value="MIT"/></div>	
<div>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</div> <div>A 5 YR MIT was performed on the above listed well. On 6/19/24 the casing was pressured up to 1075 PSIG and charted for 20 minutes with no pressure loss. The tubing was 264 PSIG during the test. State representative, Adam Miller, was present during testing.</div> <div><div>Accepted by the Utah Division of Oil, Gas and Mining</div><div>FOR RECORD ONLY</div><div>(This is not an approval)</div><div>June 25, 2024</div></div>			
<div>NAME (PLEASE PRINT) Danene Harvey</div>		<div>PHONE NUMBER 972-325-1114</div>	
<div>TITLE Sr. Regulatory Analyst</div>			
<div>SIGNATURE N/A</div>		<div>DATE 6/21/2024</div>	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Scout EP

1820 W Highway 40

Roosevelt, UT 84066

435.352.6282

Witness

Alan Miller

Date:

6/19/24Time: 12:35 am ☒ pm

Test Conducted By:

Jimmie Banks

Others Present:

43-013-33166

Well Name: <u>Federal 10-2259-16</u>			
Field: <u>Greater Monument Butte</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>10</u>	Sec: <u>22</u>	T: <u>9</u>	N/E: <u>16</u> W
Operator: <u>Scout EP</u>			
Last MI: <u>1</u>		Maximum Allowable Pressure: <u>1746</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

{ ☒ } NoIf Yes, rate: ✓ bpd

Pre-test casing / tubing annulus pressure:

0 1 264

psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure	<u>264</u>	psig	psig
End of test pressure	<u>264</u>	psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes	<u>1072</u>	psig	psig
5 minutes	<u>1075</u>	psig	psig
10 minutes	<u>1074</u>	psig	psig
15 minutes	<u>1073</u>	psig	psig
20 minutes	<u>1072</u>	psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
____ minutes		psig	psig
____ minutes		psig	psig
RESULT	{ <input checked="" type="checkbox"/> } Pass	{ } Fail	{ } Pass { } Fail

Does the annulus pressure build back up after test?

{ } Yes

{ ☒ } No

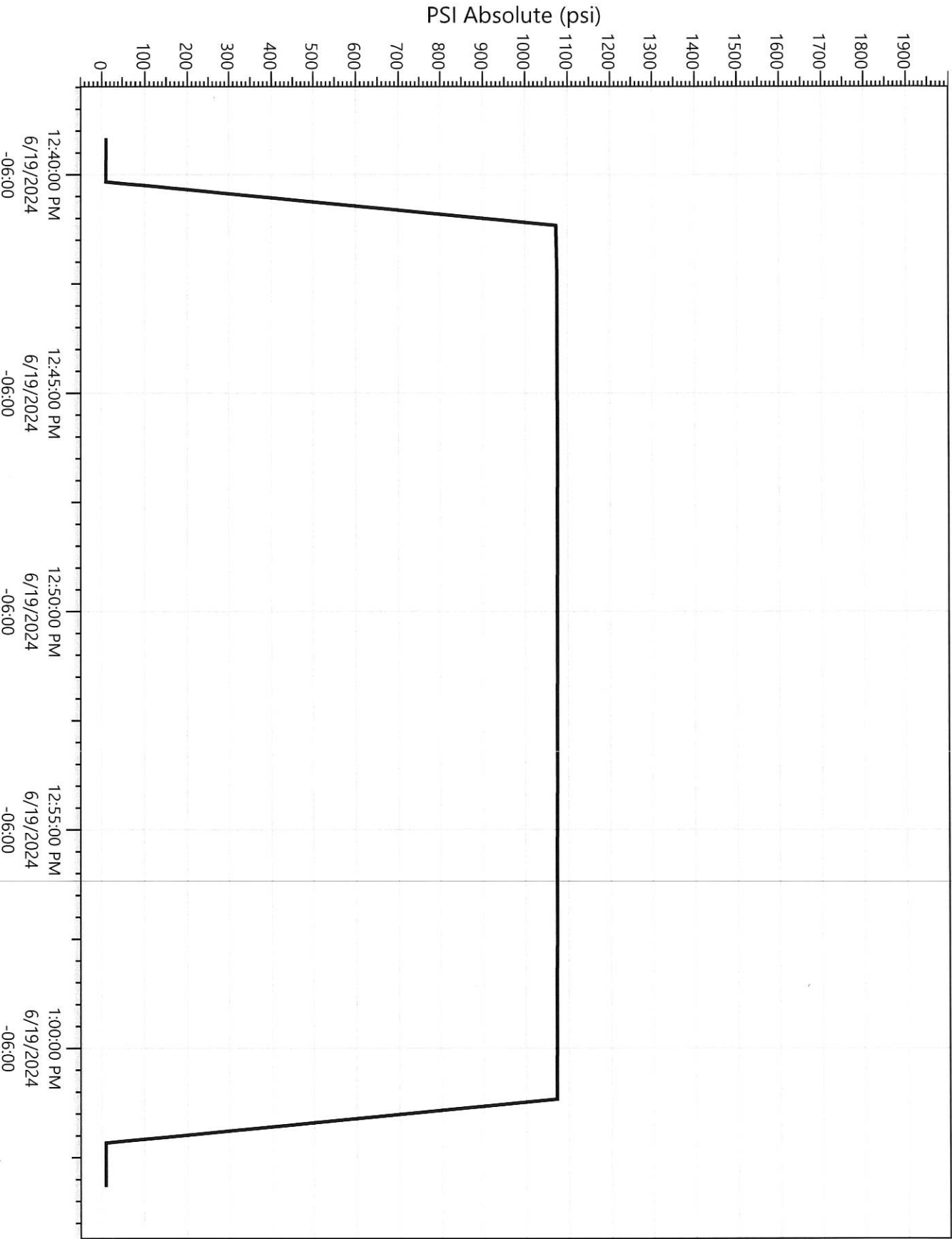
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:

Alan Miller

Signature of Person Conducting Test:

Jimmie Banks



Federal 10-22-9-16
6/19/2024 12:39:07 PM

Legend
P23425
/ Pressure

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF TRIBAL, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: Federal 10-22-9-16
2. NAME OF OPERATOR: Scout Energy Management, LLC		9. API NUMBER: 43013331660000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240		PHONE NUMBER: 972-277-1397
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1736 FSL 2137 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 22 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/7/2026 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <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 </div> <div style="width: 33%;"> <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 </div> <div style="width: 33%;"> <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 </div> </div> <div style="display: flex; justify-content: flex-end; margin-top: 10px;"> OTHER: <input style="width: 150px;" type="text" value="MIT"/> </div>	
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 1/7/2026 the casing was pressured up to 400 PSIG and charted for 25 minutes with no pressure loss. The tubing was 1146 PSIG during the test.		
<div style="text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) January 13, 2026 </div>		
NAME (PLEASE PRINT) Tanesha Griffin	PHONE NUMBER 469-485-3431	TITLE Regulatory Tech
SIGNATURE N/A		DATE 1/13/2026

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Scout EP

1820 W Highway 40

Roosevelt, UT 84066

435.352.6282

Witness

Bryan Borer

Date:

1/7/26Time: 11:50 am/pm

Test Conducted By:

Jimmie Banks

Others Present:

Well Name: <u>Federal 10-22-9-16</u>		County: <u>Duchesne</u>		State: <u>UT</u>	
Field: <u>Greater Monument Bk He</u>	Location: <u>10</u> Sec: <u>22</u> T: <u>9</u> N: <u>0</u> R: <u>16</u> W: <u>0</u>				
Operator: <u>Scout EP</u>					
Last MI: <u>1</u>		Maximum Allowable Pressure: <u>1746</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:

0399

psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure	<u>399</u>	psig	psig
End of test pressure	<u>400</u>	psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes	<u>1155</u>	psig	psig
5 minutes	<u>1154</u>	psig	psig
10 minutes	<u>1151</u>	psig	psig
15 minutes	<u>1149</u>	psig	psig
20 minutes	<u>1148</u>	psig	psig
25 minutes	<u>1146</u>	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:

[Signature]

Signature of Person Conducting Test:

Jimmie Banks

10-22-9-16

1/7/2026 11:56:14 AM

