



RECEIVED

AUG 20 2004

DIV. OF OIL, GAS & MINING

August 19, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-13-9-16, 2-13-9-16, 5-13-9-16, 6-13-9-16, 7-13-9-16, 8-13-9-16, 9-13-9-16, 10-13-9-16, 11-13-9-16, 12-13-9-16, 13-13-9-16, 14-13-9-16, 15-13-9-16, and 16-13-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 8-13-9-16 and 13-13-9-16 are Exception Locations. I have contacted our Land Department in the Denver office and they will be providing you with the appropriate Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
AUG 20 2004
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

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-64805
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 12-13-9-16
9. API Well No. 43-013-3 2651
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 13, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
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	
2. Name of Operator Inland 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/SW 2018' FSL 651' FWL 579004 X 40.02926 At proposed prod. zone 4431205 Y -110.07409	
14. Distance in miles and direction from nearest town or post office* Approximatley 18.5 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 651' f/lse, NA f/unit	16. No. of Acres in lease 560.00
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. 1,450'	19. Proposed Depth 6500'
20. BLM/BIA Bond No. on file UTU0056	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5549' GL	22. Approximate date work will start* 1st Quarter 2005
23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by Signature <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 08-25-04
Title ENVIRONMENTAL SCIENTIST III		

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

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

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

INLAND PRODUCTION COMPANY

 = SECTION CORNERS LOCATED

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



THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
PREPARED FROM FIELDINGS OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 0080377
STATE OF TEXAS

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

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-15-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

INLAND PRODUCTION COMPANY
FEDERAL #12-13-9-16
NW/SW SECTION 13, 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 Inland Production Company well location site Federal #12-13-9-16 located in the NW 1/4 SW 1/4 Section 13, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 2.4 miles \pm to it's junction with an existing road to the south; proceed in a southeasterly and then in a southwesterly direction - 1.0 miles \pm to it's junction with an existing road to the southwest; proceed in a southwesterly and then in a southeasterly direction - 0.9 miles \pm to it's junction with the beginning of the proposed access road to the south; proceed along the proposed access road - 3,010' \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

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.

**INLAND PRODUCTION COMPANY
FEDERAL #12-13-9-16
NW/SW SECTION 13, 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' – 1640'
Green River	1640'
Wasatch	5925'

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

Green River Formation 1640' – 6500' - 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 2000 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.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Federal #12-13-9-16 Inland Production Company requests 165' of disturbed area be granted in Lease UTU-75039 and 2,845' of disturbed area be granted in Lease UTU-64805 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

Inland Production Company requests 165' of disturbed area be granted in Lease UTU-75039 and 2,845' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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 Inland's secondary recovery project.

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

Threatened, Endangered, And Other Sensitive Species

Inactive Nest: Dixie Saddler to advise.

Reserve Pit Liner

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)

Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre
Needle and Thread Grass	<i>Stipa Comata</i>	4 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #12-13-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

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

Representative

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

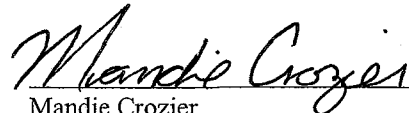
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #12-13-9-16 NW/SW Section 13, Township 9S, Range 16E: Lease UTU-64805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland 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.

8/19/04

Date

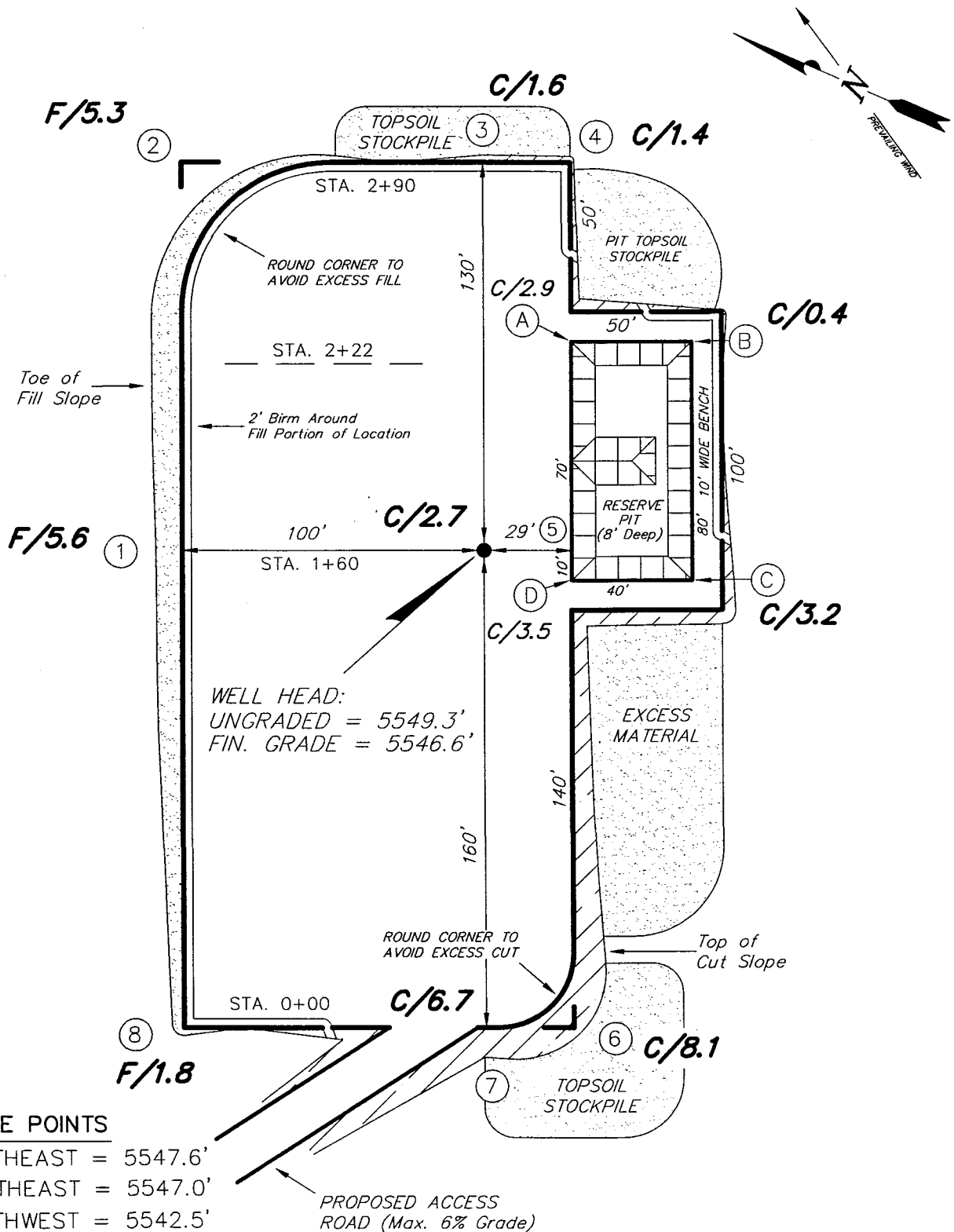


Mandie Crozier
Regulatory Specialist

INLAND PRODUCTION COMPANY

FEDERAL 12-13-9-16

Section 13, T9S, R16E, S.L.B.&M.



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

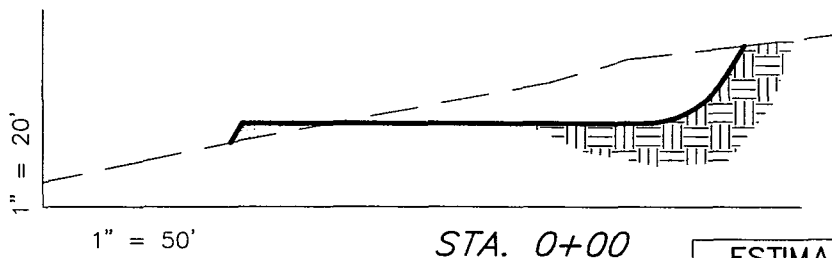
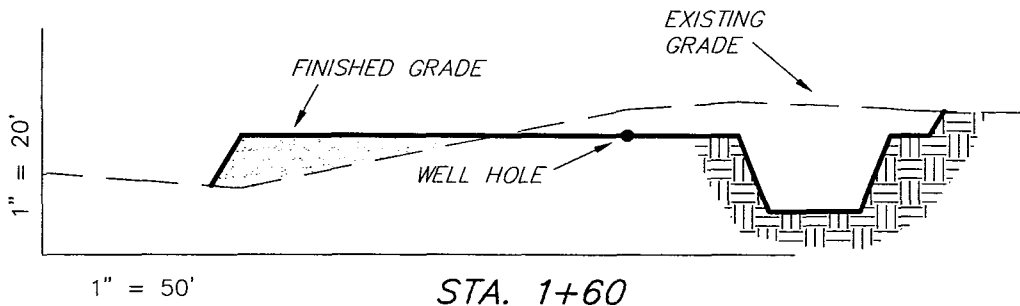
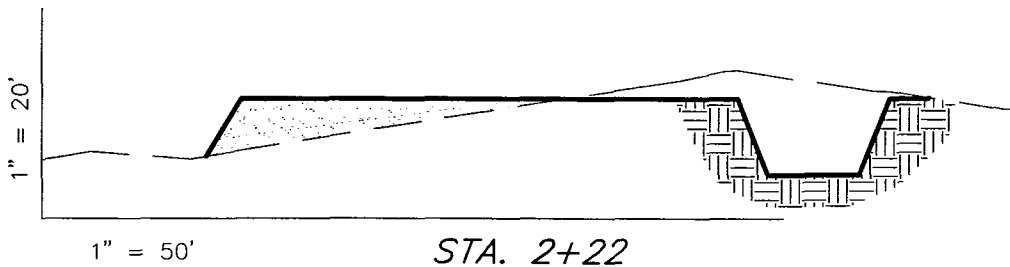
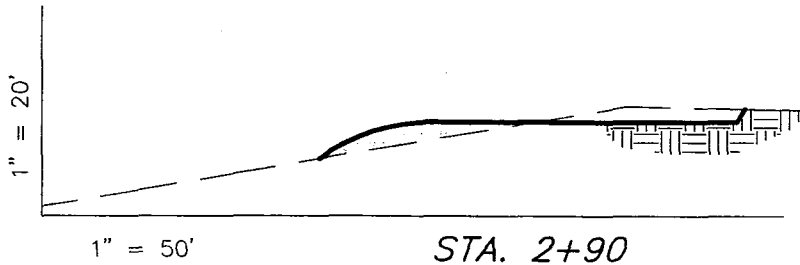
DATE: 7-16-04

Tri State
 Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS
FEDERAL 12-13-9-16



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	2,130	2,120	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,770	2,120	790	650

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

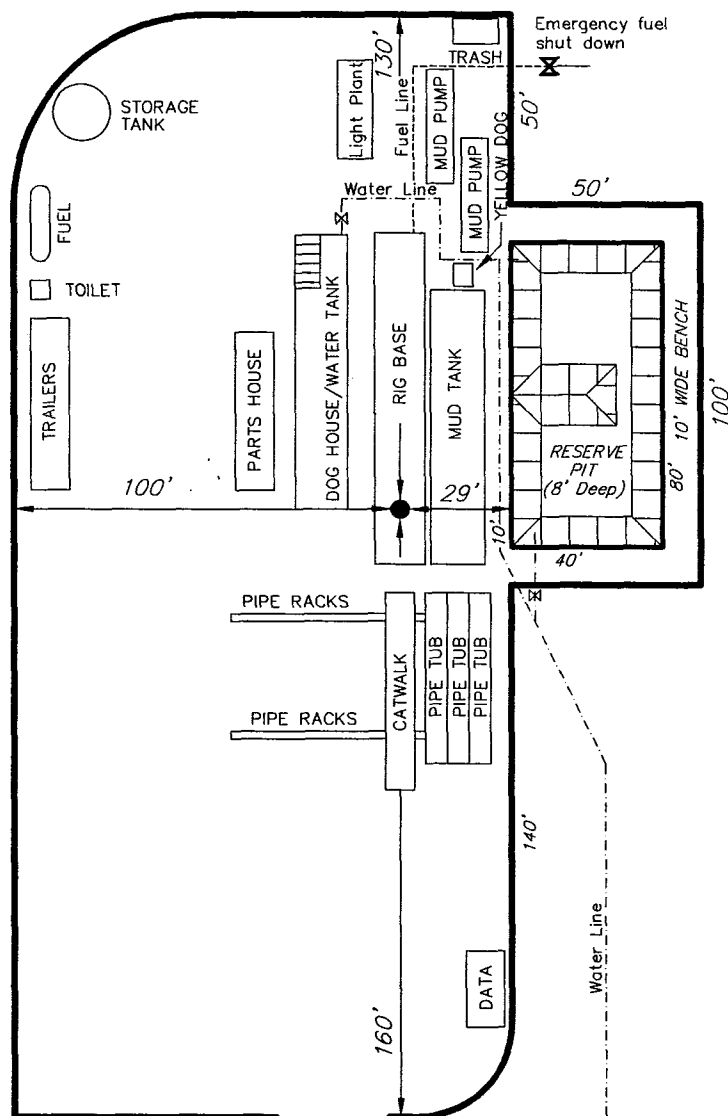
DATE: 7-16-04

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

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

FEDERAL 12-13-9-16



PROPOSED ACCESS
ROAD (Max. 6% Grade)

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

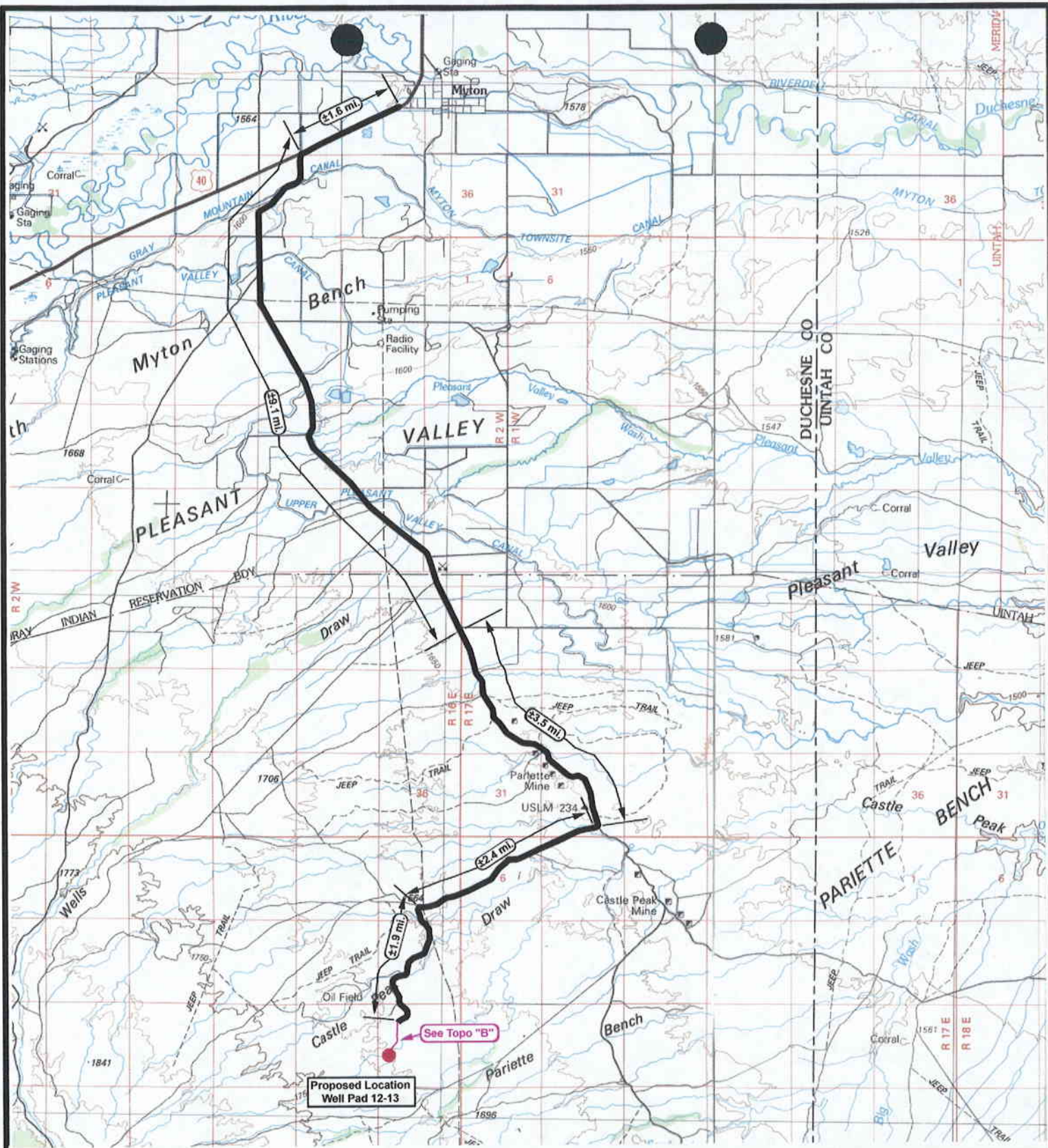
DRAWN BY: F.T.M.

DATE: 7-16-04

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Federal 12-13-9-16
SEC. 13, T9S, R16E, S.L.B.&M.**



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

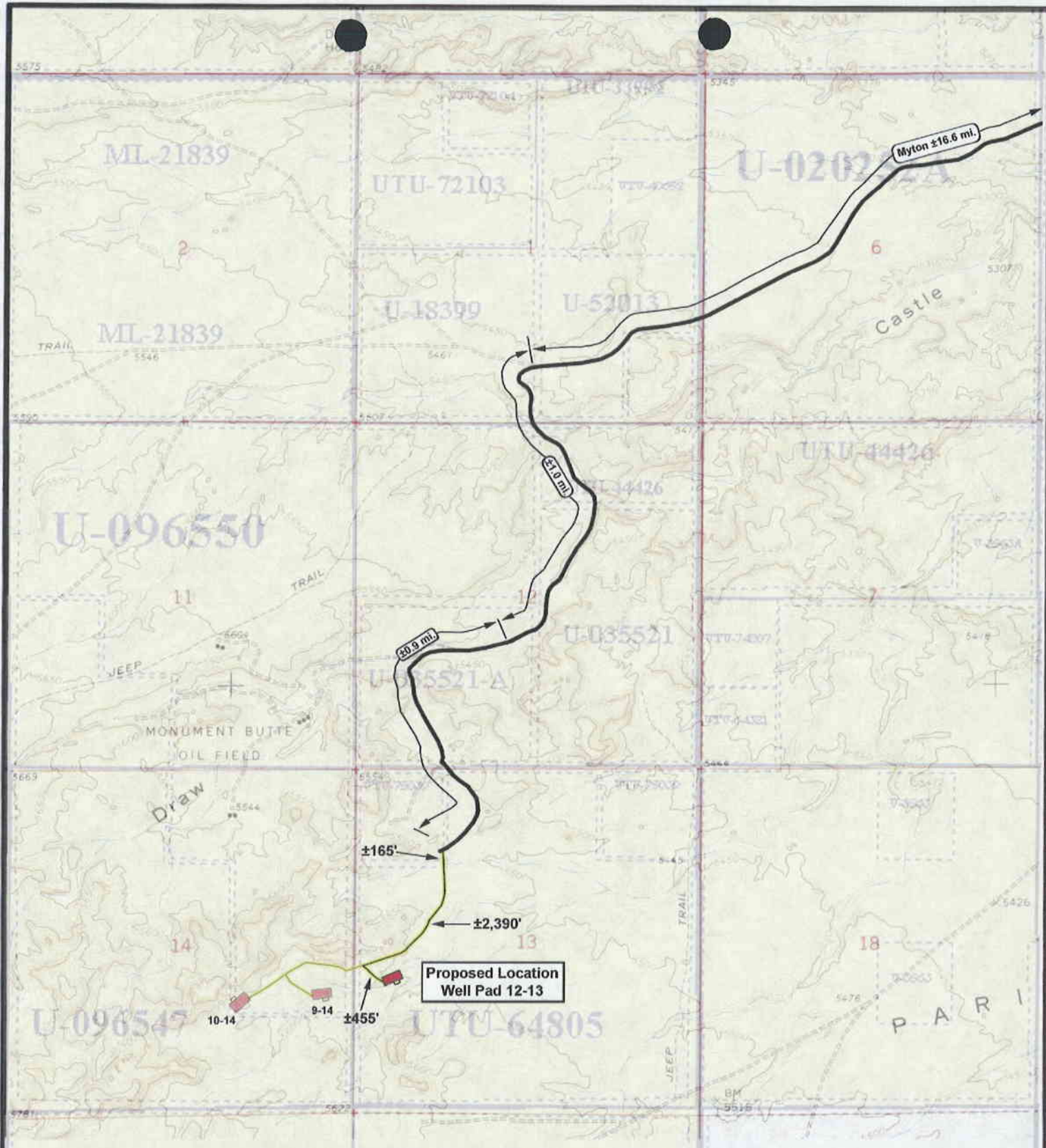
SCALE: 1 = 100,000
DRAWN BY: bgm
DATE: 07-19-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



Federal 12-13-9-16
SEC. 13, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'

DRAWN BY: bgm

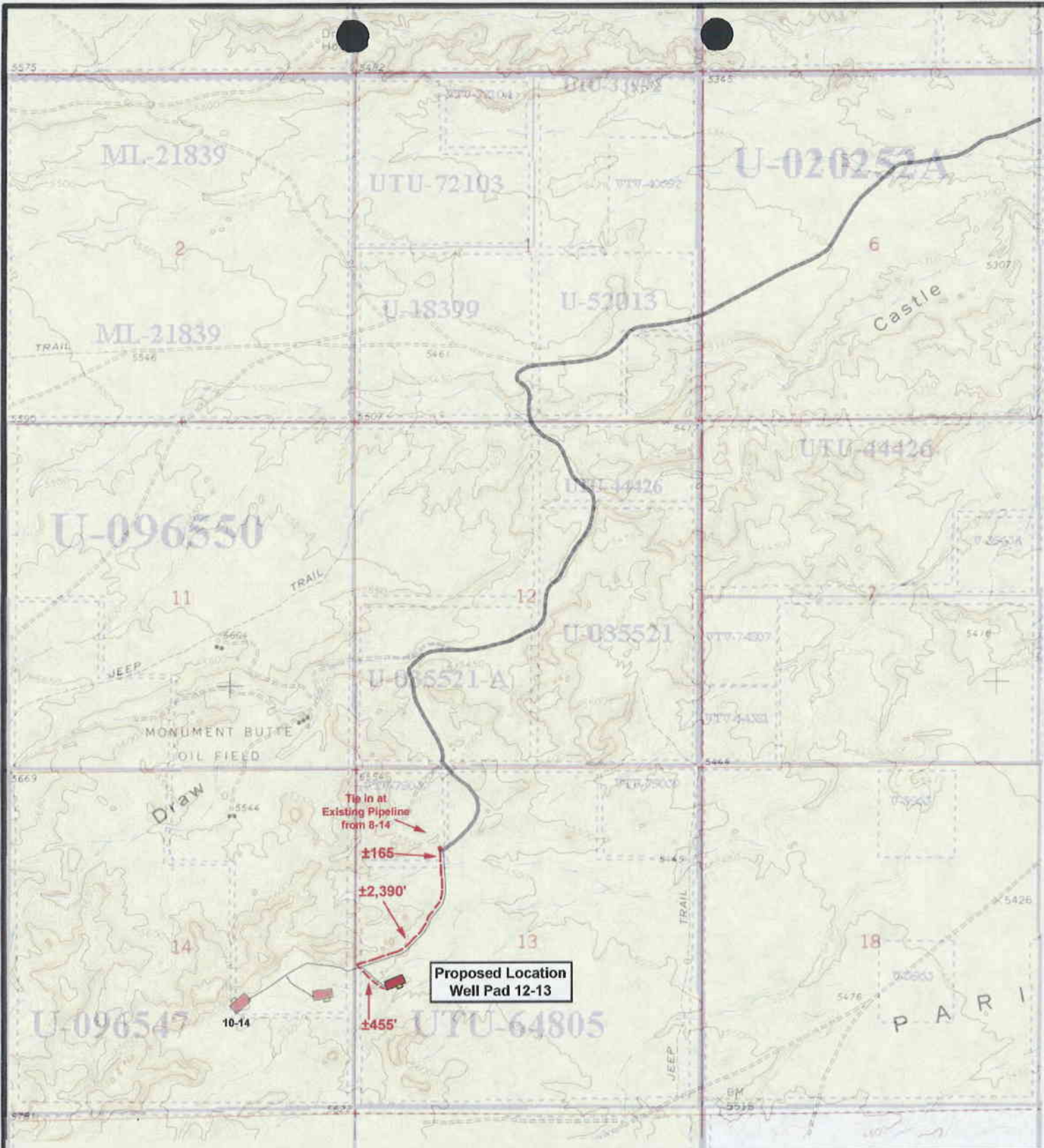
DATE: 08-18-2004

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"B"



Federal 12-13-9-16
SEC. 13, T9S, R16E, S.L.B.&M.



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

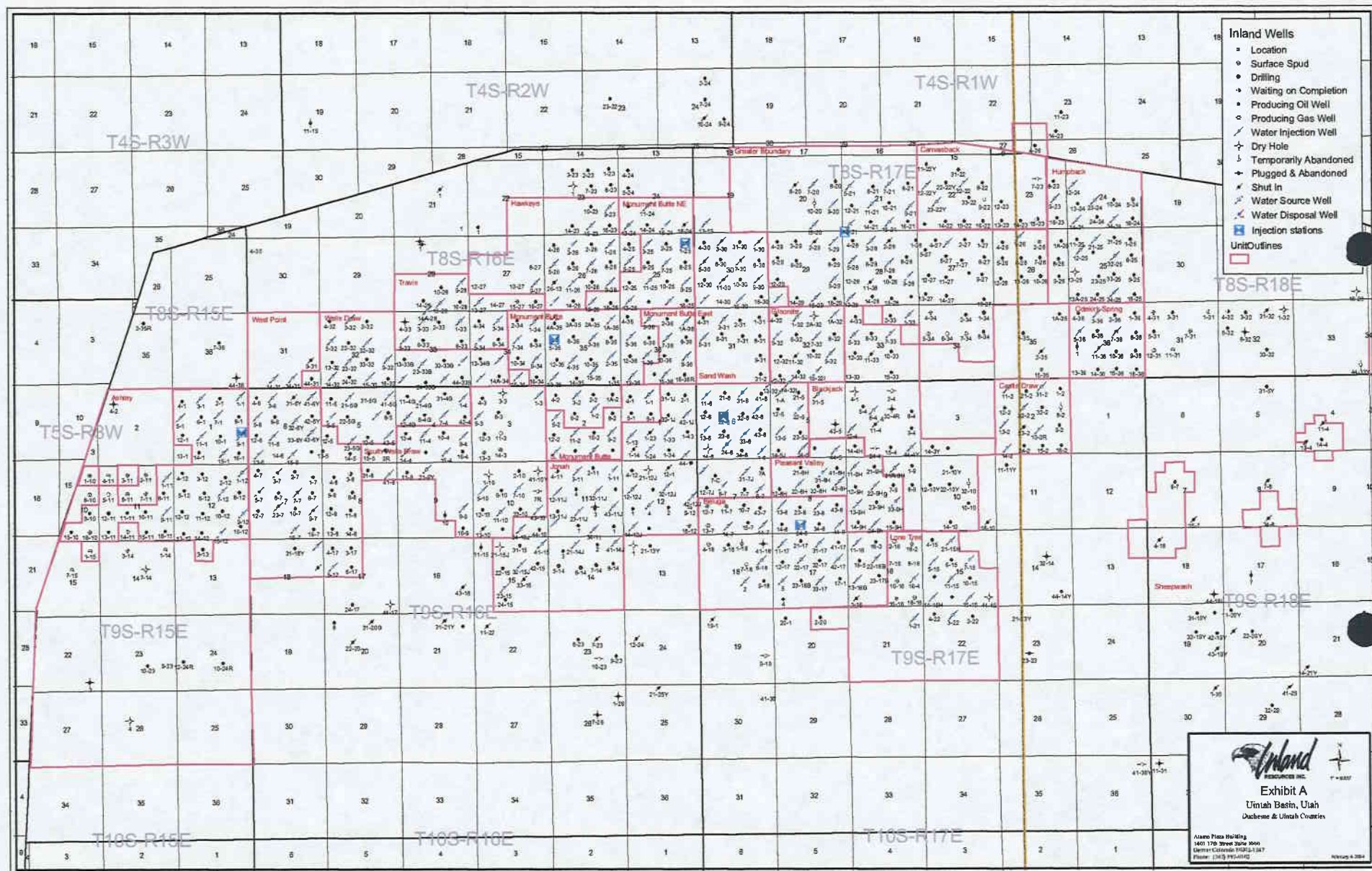
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 DRAWN BY: bgm
 DATE: 08-18-2004

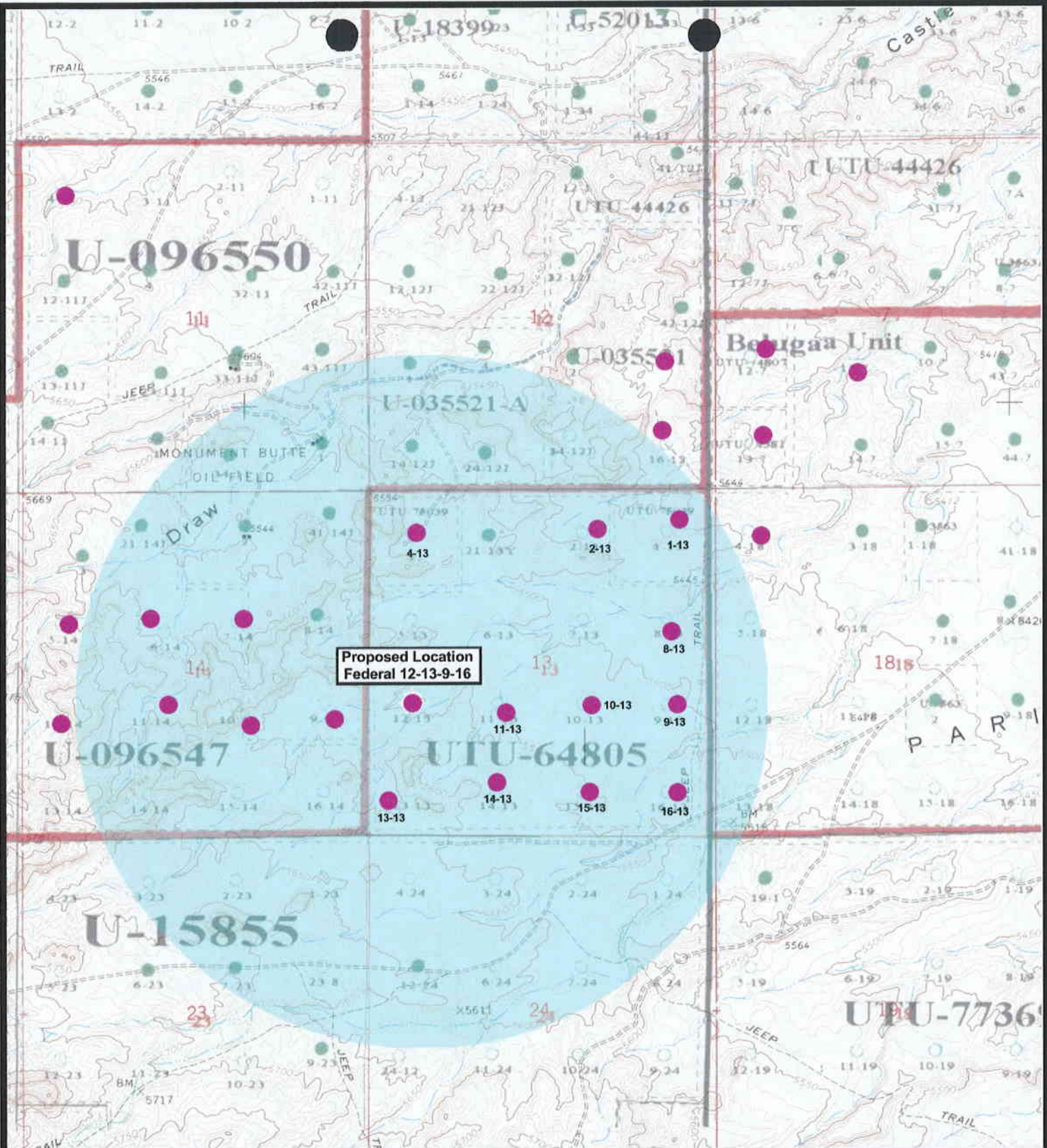
Legend

- Roads
- Existing Gas Line
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"





RESOURCES INC.

**Federal 12-13-9-16
SEC. 13, 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: bgm
DATE: 07-19-2004

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

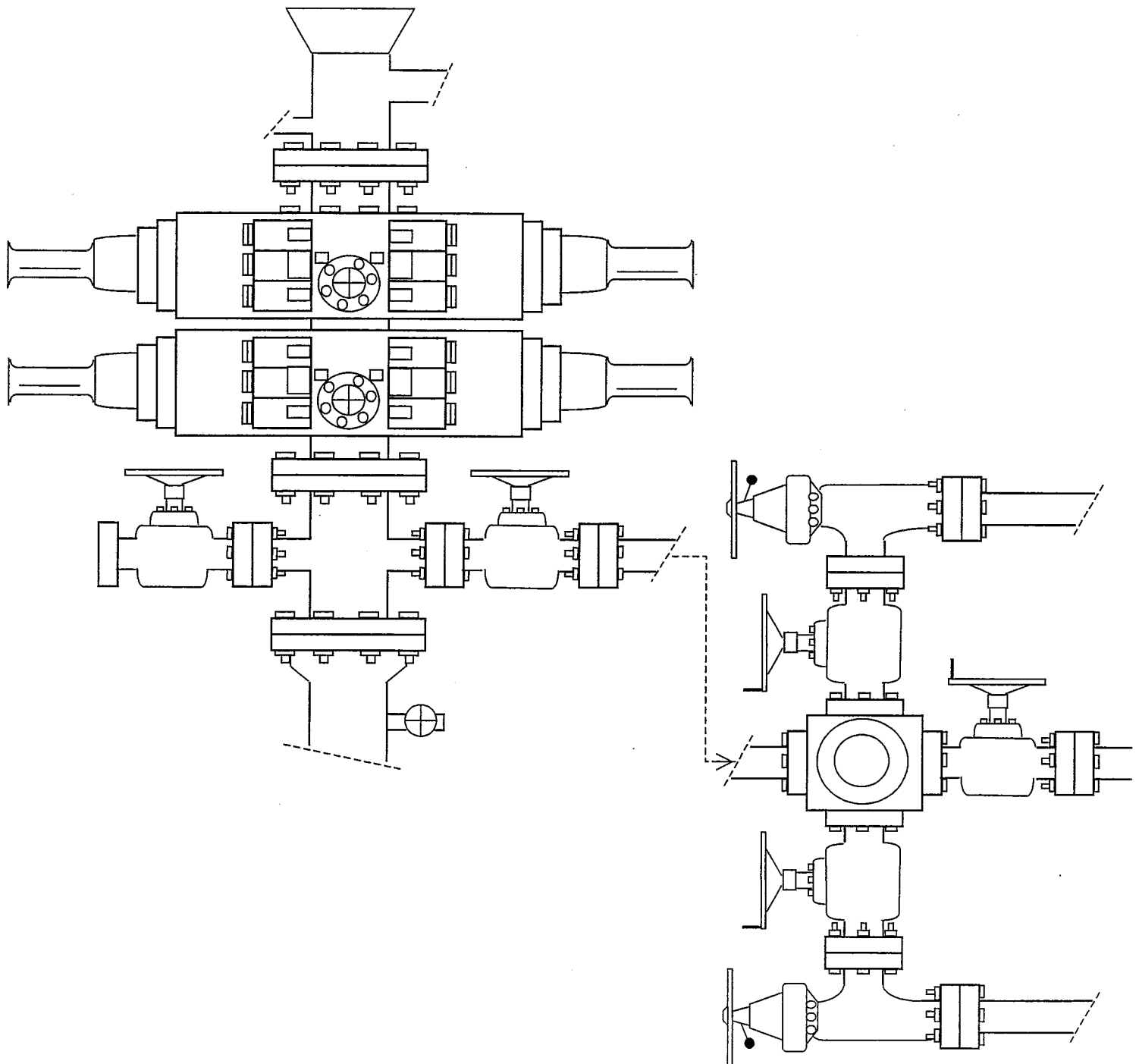


EXHIBIT C

Exhibit "D"
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

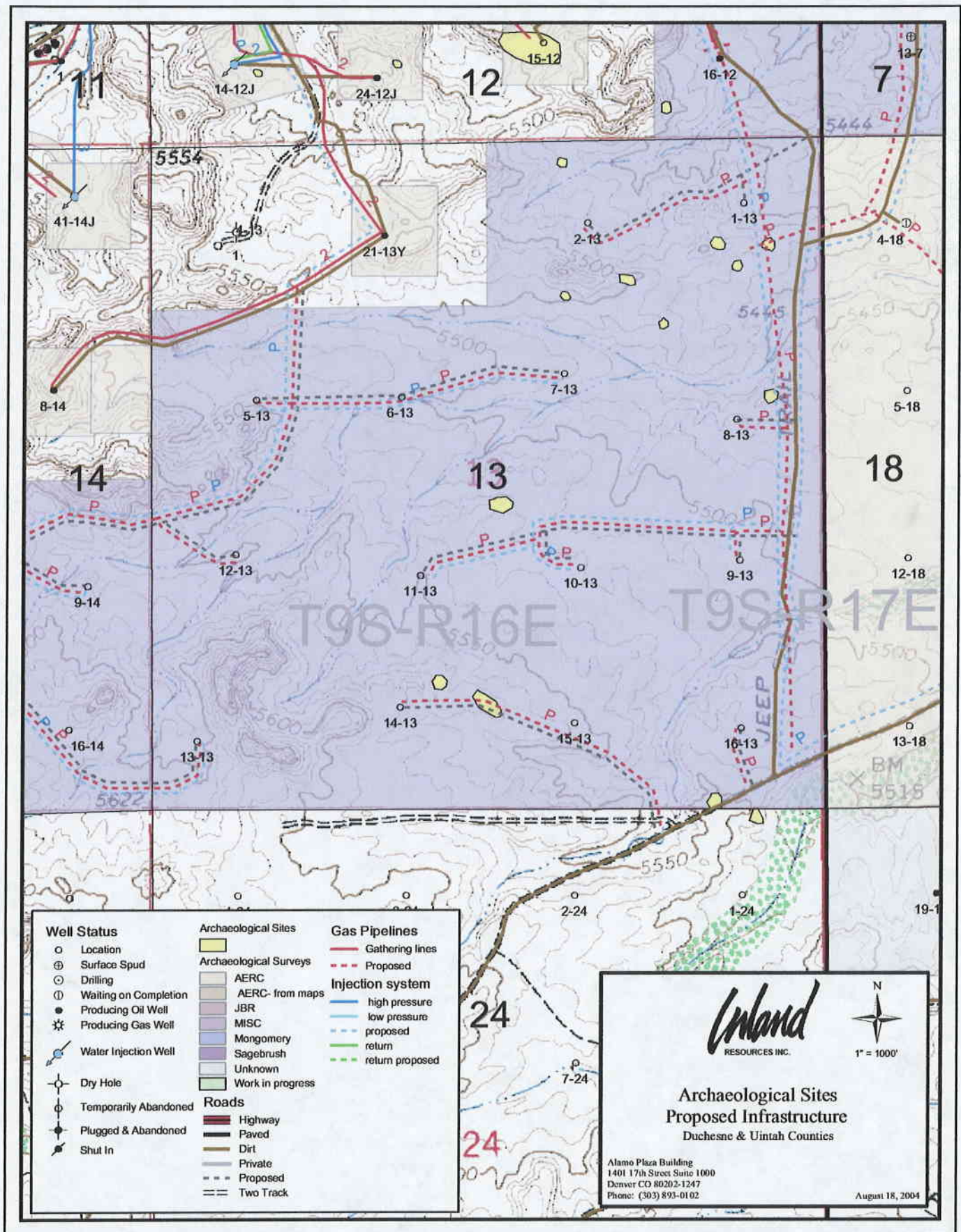
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b



INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UTAH COUNTIES, UTAH**

Section 13, T 9 S, R 16 E [excluding NW 1/4];
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

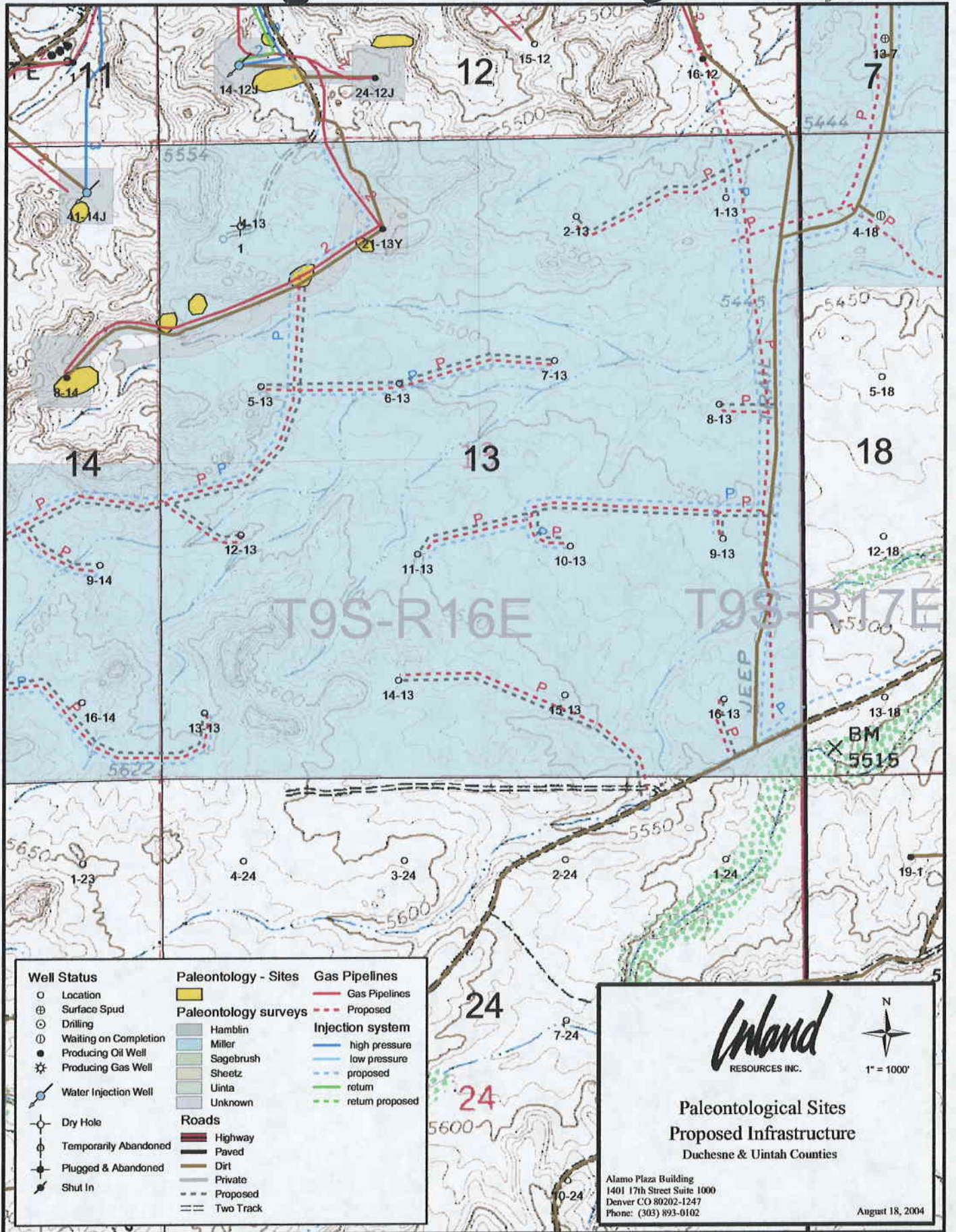
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 7, 2004



Inland
RESOURCES INC.

**Paleontological Sites
Proposed Infrastructure
Duchesne & Uintah Counties**

Alamo Plaza Building
1401 17th Street Suite 1000
Denver CO 80202-1247
Phone: (303) 893-0102

August 18, 2004

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2004

API NO. ASSIGNED: 43-013-32651

WELL NAME: FEDERAL 12-13-9-16

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 13 090S 160E

SURFACE: 2018 FSL 0651 FWL

BOTTOM: 2018 FSL 0651 FWL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64805

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02926

LONGITUDE: -110.0741

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU0056)
- ☒ 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)

LOCATION AND SITING:

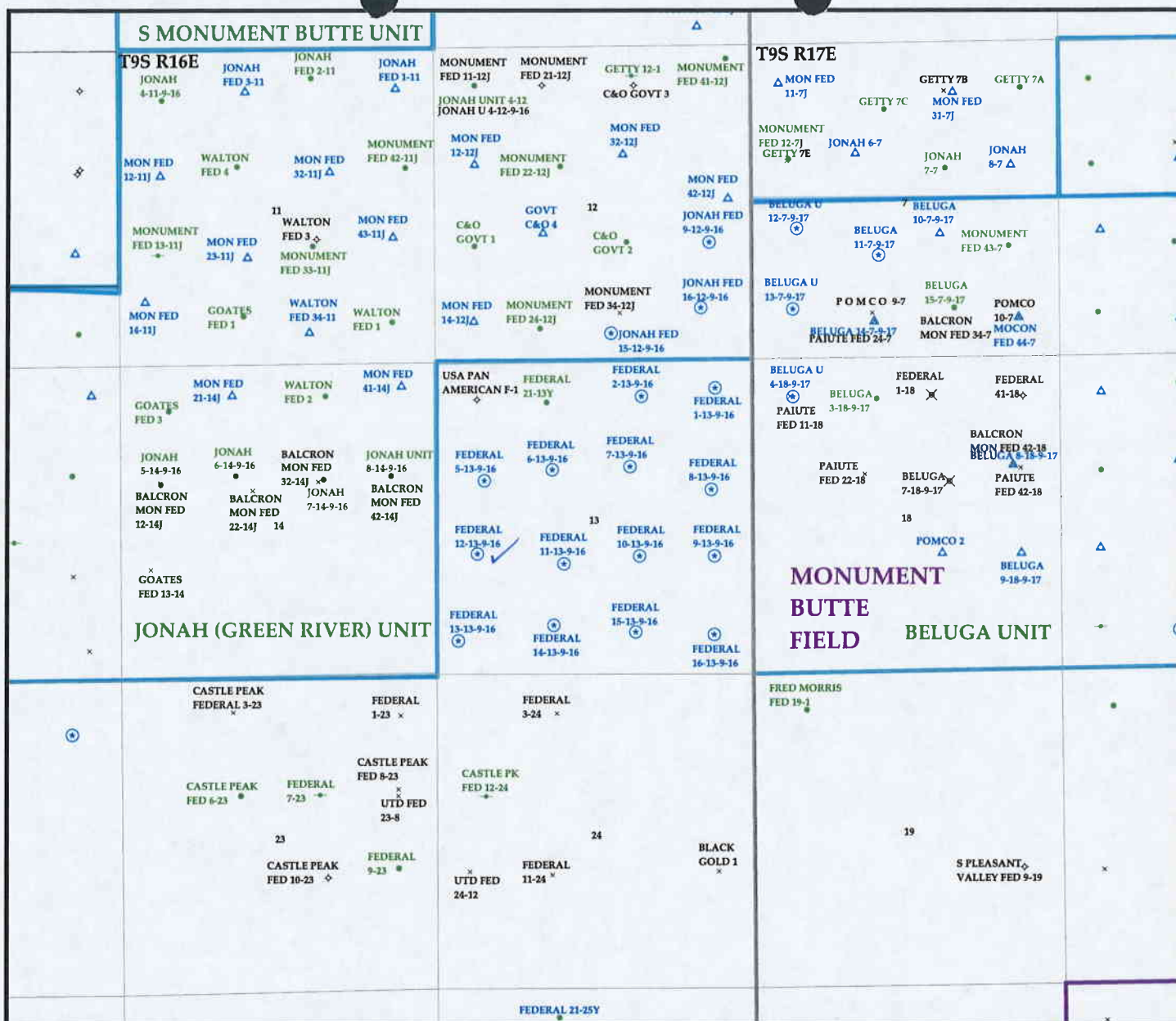
- ____ R649-2-3.
- Unit _____
- ☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ____ R649-3-3. Exception
- ____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ____ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval
2- Spacing Strip



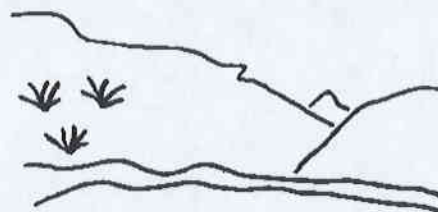
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 13 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
✂ GAS INJECTION	EXPLORATORY	ABANDONED
⊙ GAS STORAGE	GAS STORAGE	ACTIVE
✕ LOCATION ABANDONED	NF PP OIL	COMBINED
⊕ NEW LOCATION	NF SECONDARY	INACTIVE
⊖ PLUGGED & ABANDONED	PENDING	PROPOSED
⊗ PRODUCING GAS	PI OIL	STORAGE
⊙ PRODUCING OIL	PP GAS	TERMINATED
⊖ SHUT-IN GAS	PP GEOTHERML	
⊙ SHUT-IN OIL	PP OIL	
✕ TEMP. ABANDONED	SECONDARY	
⊙ TEST WELL	TERMINATED	
⊕ WATER INJECTION		
⊙ WATER SUPPLY		
⊖ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
DATE: 25-AUG-2004



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 25, 2004

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

Re: Federal 12-13-9-16 Well, 2018' FSL, 651' FWL, NW SW, Sec. 13, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32651.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

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

Operator: Inland Production Company
Well Name & Number Federal 12-13-9-16
API Number: 43-013-32651
Lease: UTU-64805

Location: NW SW Sec. 13 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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

006

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 15-34-8-17	34	080S	170E	4301332628		Federal	OW	APD	K
FEDERAL 14-34-8-17	34	080S	170E	4301332629		Federal	OW	APD	K
FEDERAL 13-34-8-17	34	080S	170E	4301332630		Federal	OW	APD	K
FEDERAL 12-34-8-17	34	080S	170E	4301332631		Federal	OW	APD	K
FEDERAL 16-13-9-16	13	090S	160E	4301332647		Federal	OW	APD	K
FEDERAL 15-13-9-16	13	090S	160E	4301332648		Federal	OW	APD	K
FEDERAL 14-13-9-16	13	090S	160E	4301332649		Federal	OW	APD	K
FEDERAL 13-13-9-16	13	090S	160E	4301332650		Federal	OW	NEW	K
FEDERAL 12-13-9-16	13	090S	160E	4301332651		Federal	OW	APD	K
FEDERAL 11-13-9-16	13	090S	160E	4301332652		Federal	OW	APD	K
FEDERAL 10-13-9-16	13	090S	160E	4301332653		Federal	OW	APD	K
FEDERAL 9-13-9-16	13	090S	160E	4301332654		Federal	OW	APD	K
FEDERAL 8-13-9-16	13	090S	160E	4301332655		Federal	OW	APD	K
FEDERAL 7-13-9-16	13	090S	160E	4301332656		Federal	OW	APD	K
FEDERAL 11-20-9-16	20	090S	160E	4301332598		Federal	OW	APD	K
FEDERAL 1-22-9-16	22	090S	160E	4301332612		Federal	OW	NEW	K
FEDERAL 9-10-9-17	10	090S	170E	4301332502	14325	Federal	OW	DRL	K
FEDERAL 13-11-9-17	11	090S	170E	4301332510	14273	Federal	OW	P	K
FEDERAL 12-11-9-17	11	090S	170E	4301332544		Federal	OW	APD	K
FEDERAL 1-15-9-17	15	090S	170E	4301332596		Federal	OW	APD	K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

RECEIVED

AUG 20 2004

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

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-64805

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 12-13-9-16

9. API Well No.
43-013-32651

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/SW Sec. 13, 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
Inland 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/SW 2018' FSL 651' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.5 miles south of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 651' f/lse, NA f/unit

16. No. of Acres in lease
560.00

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. 1,450'

19. Proposed Depth
6500'

20. BLM/BIA Bond No. on file
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5549' GL

22. Approximate date work will start*
1st Quarter 2005

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 8/19/04

Title Regulatory Specialist

Approved by (Signature) *Thomas B. Cleary* Name (Printed/Typed) Office Date 06/23/2005

Title Assistant Field Manager Mineral Resources

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

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

*(Instructions on reverse)

RECEIVED

JUL 12 2005

DIV. OF OIL, GAS & MINING

400 G/M
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

04J171138A

No NOS

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: FEDERAL 12-13-9-16

API Number: 43-013-32651

Lease Number: UTU - 64805

Location: NWSW Sec. 13 TWN: 09S RNG: 16E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 1,370$ ft.

-In order to mitigate impacts to mountain plovers, no new construction or surface disturbing activities would occur during the nesting season of May 1 to June 15. If new construction or surface disturbing activities are scheduled during the nesting season, pre-construction surveys will be conducted by a qualified biologist using U.S. Fish and Wildlife's mountain plover survey guidelines to detect the presence of nesting mountain plovers.

-The construction of the access road and well location shall be monitored by a certified paleontologist.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

2018 FSL 651 FWL NW/SW Section 13, T9S R16E

5. Lease Designation and Serial No.

UTU-64805

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 12-13-9-16

9. API Well No.

43-013-32651

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/25/04 (expiration 8/25/05).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: **08-25-05**

By: **[Signature]**

COPY SENT TO OPERATOR

Date: **9-30-05**

Initials: **CHD**

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

Signed

Mandie Crozier

Title

Regulatory Specialist

Date

8/19/2005

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

RECEIVED

Date

Conditions of approval, if any:

CC: Utah DOGM

AUG 22 2005

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

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

API: 43-013-32651
Well Name: Federal 12-13-9-16
Location: NW/SW Section 13, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 8/25/2004

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

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

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

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

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

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

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

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

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

Mando Cruz
Signature

8/19/2005

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

AUG 22 2005

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 12-13-9-16

Api No: 43-013-32651 Lease Type: FEDERAL

Section 13 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 09/29/05

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # 1-435-823-6733

Date 09/29/2005 Signed CHD

RECEIVED

OCT 05 2005

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

DIV. OF OIL, GAS & MINING

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

OPERATOR ACCT. NO. N2696

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-35581	FEDERAL 3-18-9-18	NENW	18	9S	18E	UINTAH	10/03/05	10/7/05
WELL COMMENTS: GRN											
A	99999	14965	43-013-32651	FEDERAL 12-13-9-16	NWSW	13	9S	16E	DUCHESNE	09/29/05	10/7/05
GRN											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
	99999										
WELL COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
	99999										
WELL COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
	99999										
WELL COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
	99999										
WELL COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single entry only)
- B - Add new well to existing entity (group or oil well)
- C - Re-assigned well from one existing entity to another existing entity
- D - Re-assigned 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

Production Clerk
TWBOctober 5, 2005
Date

Kim Kettle

10/05/2005 12:42

4356463031

INLAND

PAGE 02

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.	UTU64805
6. If Indian, Allottee or Tribe Name.	
7. If Unit or CA/Agreement, Name and/or No.	
8. Well Name and No.	FEDERAL 12-13-9-16
9. API Well No.	4301332651
10. Field and Pool, or Exploratory Area	Monument Butte
11. County or Parish, State	Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Newfield Production Company	
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2018 FSL 651 FWL NW/SW Section 13 T9S R16E	

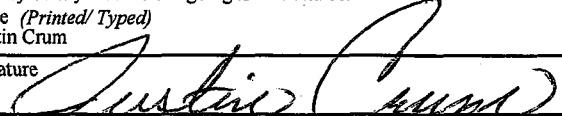
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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 Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 9-29-05 MIRU Ross # 24. Spud well @ 8:00 AM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 315 KB. On 10/17/05 cement with 160 sks of class "G" w/ 3% CaCl2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 10/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on reverse)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 315.64

LAST CASING 8 5/8" SET AT 315.64'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD, DRILLER 308 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 12-13-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 43.00'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	304.74
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		
TOTAL LENGTH OF STRING			305.64	7	LESS CUT OFF PIECE		
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		
TOTAL			303.79	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			303.79	7			
TIMING			1ST STAGE				
BEGIN RUN CSG.			Spud 9/29/2005		GOOD CIRC THRU JOB		
CSG. IN HOLE			9/29/2005		Bbls CMT CIRC TO SURFACE		
BEGIN CIRC			10/16/2005		RECIPROCATED PIPE FOR		
BEGIN PUMP CMT			10/16/2005		THRU		
BEGIN DSPL. CMT			10/16/2005		BUMPED PLUG TO		
PLUG DOWN			10/16/2005		100		
					PSI		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Justin Crum

DATE 10/17/2005

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

2018 FSL 651 FWL

NW/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 12-13-9-16

9. API Well No.

4301332651

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 10/22/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5670'. 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, 133 jt's of 5.5 J-55, 15.5# csgn. Set @ 5668' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 1 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #s tension. Release rig @ 7:30 AM on 10/27/05.

RECEIVED

OCT 31 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Justin Crum

Title

Drilling Foreman

Signature

Date

10/28/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Office

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(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5668.64

LAST CASING 8 5/8" SET AT 315'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5675 LOGGER 5675
 HOLE SIZE 7 7/8"

Flt cllr @ 5669.39
 OPERATOR Newfield Production Company
 WELL Federal 12-13-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3815 (6.06')					
132	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5669.39
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	45.12
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5670.64
TOTAL LENGTH OF STRING	5670.64	133	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	222.65	5	CASING SET DEPTH	5668.64
TOTAL	5878.04	138	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	5878.04	138		
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	10/27/2005	1:00 AM	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	10/27/2005	3:45 AM	Bbls CMT CIRC TO SURFACE	1 bbls
BEGIN CIRC	10/27/2005	3:50 AM	RECIPROCATED PIPE FOR	THRUSTROKE NA
BEGIN PUMP CMT	10/27/2005	5:27 AM	DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	10/27/2005	6:37 AM	BUMPED PLUG TO	2050 PSI
PLUG DOWN	10/27/2005	7:02 AM		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 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 Justin Crum DATE 10/27/2005

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.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 12-13-9-16

9. API Well No.

4301332651

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

2018 FSL 651 FWL

NW/SW Section 13 T9S R16E

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

COPY SENT TO OPERATOR

Date: 12-1-05

Initials: CHD

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

**Federal Approval Of This
Action Is Necessary**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mandie Crozier

Title

Regulatory Specialist

Date:

11/30/05

Signature

Date

11/28/2005

By:

[Signature]

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Approved by

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RECEIVED

NOV 30 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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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 No. (include area code)

435.646.3721

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

2018 FSL 651 FWL

NW/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 12-13-9-16

9. API Well No.

4301332651

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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<input type="checkbox"/> Final Abandonment Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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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

Name (Printed/ Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

11/28/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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3b. Phone No. (include area code)

435.646.3721

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2018 FSL 651 FWL

NW/SW Section 13 T9S R16E

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FEDERAL 12-13-9-16

9. API Well No.

4301332651

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Monument Butte

11. County or Parish, State

Duchesne, UT

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Status report for time period 11/04/05 - 11/23/05

Subject well had completion procedures initiated in the Green River formation on 11-04-05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5423'-5429'), (5376'-5384'); Stage #2 (4944'-4958'); Stage #3(4742'-4748'); Stage #4 (4020'-4035'); (4000'-4010'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-18-2005. Bridge plugs were drilled out and well was cleaned to 5622'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 11-23-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature

Title

Production Clerk

Date

12/09/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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DEC 13 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other _____

1b. TYPE OF WELL

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

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface

2018' FSL & 651' FWL (NW/SW) Sec. 13, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32651

DATE ISSUED

8/25/04

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

9/29/05

16. DATE T.D. REACHED

10/26/05

17. DATE COMPL. (Ready to prod.)

11/23/05

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

5549' GL

5561' KB

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

5675'

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

5622'

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 4000'-5429'

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#	316'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5669'	7-7/8"	300 sx Premlite 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 @ 5488'	TA @ 5358'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1&2) 5376'-5384', 5423'-5429'	.46"	4/56	5376'-5429'	Frac w/ 50,812# 20/40 sand in 4343 bbls fluid
(A1) 4944'-4958'	.46"	4/56	4944'-4958'	Frac w/ 80,407# 20/40 sand in 591 bbls fluid
(B.5) 4742'-4748'	.46"	4/24	4742'-4748'	Frac w/ 25,030# 20/40 sand in 323 bbls fluid
(GB4&6) 4000'-4010', 4020'-4035'	.46"	4/100	4000'-4035'	Frac w/ 112,538# 20/40 sand in 755 bbls fluid

33.*

PRODUCTION

DATE FIRST PRODUCTION 11/23/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 60	GAS--MCF 27	WATER--BBL. 42		GAS-OIL RATIO 450
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF	WATER--BBL.		OIL GRAVITY--API (CORR.)	RECEIVED

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

Sold & Used for Fuel

TEST WITNESSED BY

JAN 03 2006

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED

Mandie Crozier

TITLE

Regulatory Specialist

DATE

12/29/2005

M

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 12-13-9-16	Garden Gulch Mkr	3482'	
				Garden Gulch 1	3684'	
				Garden Gulch 2	3797'	
				Point 3 Mkr	4068'	
				X Mkr	4318'	
				Y-Mkr	4352'	
				Douglas Creek Mkr	4476'	
				BiCarbonate Mkr	4712'	
				B Limestone Mkr	4825'	
				Castle Peak	5326'	
				Basal Carbonate		
				Total Depth (LOGGERS)	5675'	

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-64805			
1. TYPE OF WELL Oil 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: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 12-13-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2018 FSL 0651 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326510000			
PHONE NUMBER: 303 382-4443 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/27/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <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 </td> <td style="width: 33%; vertical-align: top;"> <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 </td> <td style="width: 33%; vertical-align: top;"> <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 checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production requests approval for the recompletion of subject well. Please see attachment for detailed procedure and contact Paul Weddle at 303-383-4117 with any questions.					
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining </div>		Date: February 03, 2010 By:			
NAME (PLEASE PRINT) Sam Styles		PHONE NUMBER 303 893-0102			
SIGNATURE N/A		TITLE Engineering Tech DATE 2/3/2010			

Newfield Production Company

Ashley 12-13-9-15

Procedure for: OAP A1, A0.5. Tubing fracs

Well Status: See attached Wellbore Diagram

AFE #



Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,900**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A1	5059-5068
A0.5	5017-5019

3spf

120deg phasing

3spf

120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **5,110** and test to 4,000psi. PUH with packer to +/- **4,970**
- 4 RU frac equip. Frac the **D3 & C** down tubing w/**30,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5326 and set TAC at ±5261' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 24' RHAC pump, 6 x 1-1/2" weight rods, 40 x 3/4" guided rods, 67 x 3/4" slick rods, 99 x 3/4" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 12-13-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2018 FSL 0651 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326510000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
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TYPE OF SUBMISSION	TYPE OF ACTION	
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/5/2014	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION 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: 65%;"> <p>The subject well has been converted from a producing oil well to an injection well on 08/05/2014. On 08/01/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/05/2014 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p> </div> <div style="width: 30%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>August 22, 2014</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/6/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 8/5/14 Time 12:30 am ☒ pm

Test Conducted by: EVERETT HARRIS

Others Present: _____

Well: FEDERAL 12-13-9-14

Field: Monument Butte

Well Location: NWSW Sec 13 T9S R10E API No: 43-013-32651
Duchesne County, UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1476</u>	psig
5	<u>1476</u>	psig
10	<u>1475</u>	psig
15	<u>1475</u>	psig
20	<u>1475</u>	psig
25	<u>1475</u>	psig
30 min	<u>1475</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

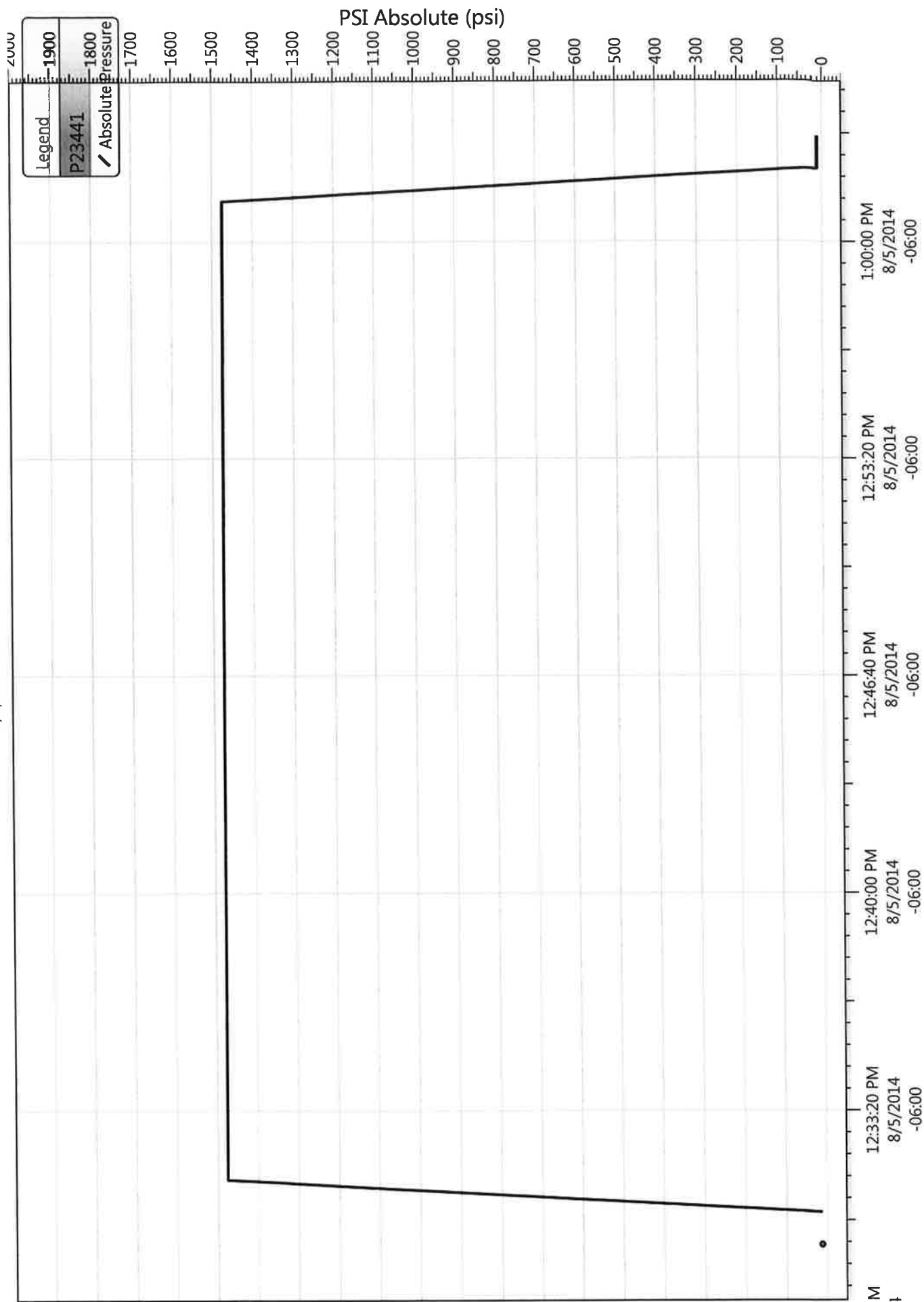
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett Harris

Federal 12-13-9-16 (8/5/2014, conversion MIT)

8/5/2014 12:28:02 PM





Well Name: Federal 12-13-9-16

Job Detail Summary Report

Jobs		Job Start Date	Job End Date
Primary Job Type	Conversion	8/1/2014	8/5/2014
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
8/1/2014	8/1/2014	MIRU	
Start Time	End Time	Comment	
10:00	11:00	RU RIG, FLUSHED CSG W/ 60 BBLs@250DEG	
Start Time	End Time	Comment	
11:00	12:00	RD PU, UNSEATED PUMP, FLUSHED TBG W/ 40 BBLs@250DEG, SOFT SEATED PUMP, PT TBG TO 3K PSI, GOOD TEST	
Start Time	End Time	Comment	
12:00	15:00	LD ROD STRING ON ROD LD TRAILER, FLUSHING WHEN NEEDED FOR INSPECTION	
Start Time	End Time	Comment	
15:00	16:00	RU SL, RIH W/ SL, TAGGED FILL @5595' NO NEW FILL	
Start Time	End Time	Comment	
16:00	17:00	XO TO TBG TOOLS, ND WH, RELEASED TAC, NU BOPS, RD RIG FLOOR, SIWFN	
Start Time	End Time	Comment	
17:00	18:30	CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
8/4/2014	8/4/2014	TOOH	
Start Time	End Time	Comment	
05:30	07:00	CREW TRAVEL	
Start Time	End Time	Comment	
07:00	07:15	JSA SAFETY MEETING	
Start Time	End Time	Comment	
07:15	11:00	TOOH BREAKING AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 123-JTS OF 2 7/8" J-55 TBG	
Start Time	End Time	Comment	
11:00	13:00	LD 47-2 7/8" J-55 TBG ON LD TRAILER	
Start Time	End Time	Comment	
13:00	14:00	MU INJECTION PKR ASSEMBLY(1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE, 1- 2 3/8"X4" PUP SUB, 1-2 3/8"X2 7/8" XO SWEGE, 1-5 1/2" WEATHERFORD PKR, 1- ON/OFF TOOL, 1-2 7/8" SN), TIH 123-JTS OF TBG	
Start Time	End Time	Comment	
14:00	15:00	PUMPED 10 BBLs, DROPPED SV, CHASED W/ 15 BBLs, PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST, RU SL, RIH W/ SL, RETRIEVED SV, POOH W/ SL/SV	
Start Time	End Time	Comment	
15:00	16:00	RU RIG FLOOR, ND BOPS, NU INJECTION WH	
Start Time	End Time	Comment	
16:00	17:00	CIRCULATED 50 BBLs OF PKR FLUID DOWN CSG, SET PKR W/ 15K# TENSION, LANDED WH IN TENSION, PRESSURED UP CSG TO 1400 PSI SIWFN	
Start Time	End Time	Comment	
17:00	18:30	CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
8/5/2014	8/5/2014	MIT CSG, RD MOVE TO NEXT WELL	
Start Time	End Time	Comment	
05:30	07:00	CREW TRAVEL	
Start Time	End Time	Comment	
07:00	07:15	JSA SAFETY MEETING	
Start Time	End Time	Comment	
07:15	09:00	WAITED ON MIT, PASSED MIT On 08/01/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/05/2014 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.	

NEWFIELD



Well Name: Federal 12-13-9-16

Job Detail Summary Report

Start Time	End Time	Comment
09:00	10:00	RD RIG, PRE-TRIP INSPECTION

NEWFIELD**Schematic****Well Name: Federal 12-13-9-16**

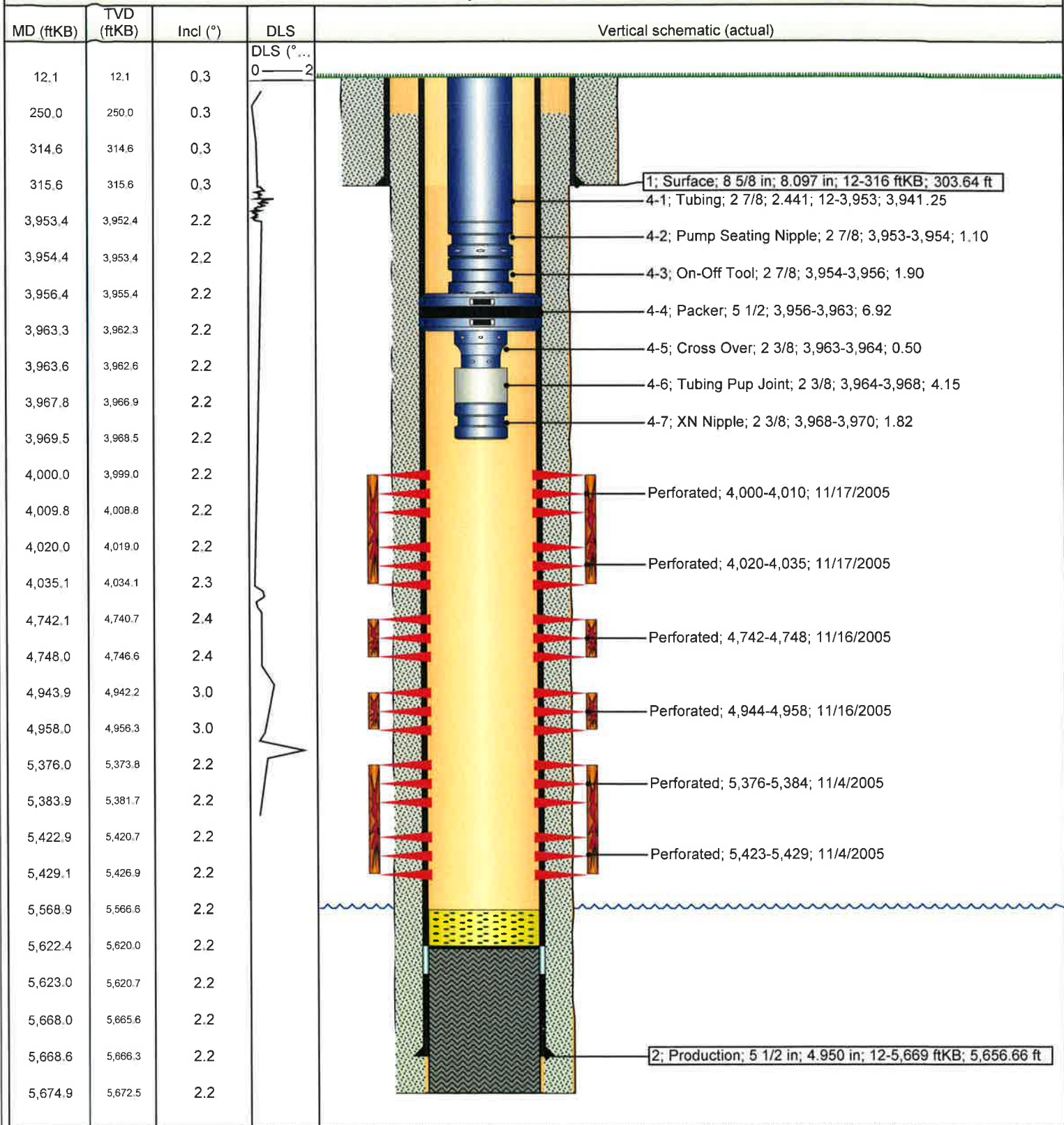
Surface Legal Location 13-9S-16E		API/UWI 43013326510000	Well RC 500151042	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 9/29/2005	Rig Release Date 10/27/2005	On Production Date 11/23/2005	Original KB Elevation (ft) 5,561	Ground Elevation (ft) 5,549	Total Depth All (TVD) (ftKB) 5,622.3	PBTD (All) (ftKB) Original Hole - 5,622.3	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 8/1/2014	Job End Date 8/5/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	--------------------------

TD: 5,675.0

Vertical - Original Hole, 8/6/2014 7:56:23 AM



NEWFIELD
Newfield Wellbore Diagram Data
Federal 12-13-9-16

Surface Legal Location 13-9S-16E		API/UWI 43013326510000		Lease	
County DUCHESTER		State/Province Utah		Field Name GMBU CTB5	
Well Start Date 9/29/2005		Spud Date 9/29/2005		Final Rig Release Date 10/27/2005	
Original KB Elevation (ft) 5,561		Ground Elevation (ft) 5,549		On Production Date 11/23/2005	
Total Depth (ftKB) 5,675.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,622.3	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/29/2005	8 5/8	8.097	24.00	J-55	316
Production	10/27/2005	5 1/2	4.950	15.50	J-55	5,669

Cement**String: Surface, 316ftKB 10/17/2005**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 315.6	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, 5,669ftKB 10/27/2005

Cementing Company BJ Services Company	Top Depth (ftKB) 250.0	Bottom Depth (ftKB) 5,675.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 250.0
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					8/1/2014		3,969.6	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	123	2 7/8	2.441	6.50	J-55	3,941.25	12.0	3,953.3
Pump Seating Nipple	1	2 7/8				1.10	3,953.3	3,954.4
On-Off Tool	1	2 7/8				1.90	3,954.4	3,956.3
Packer	1	5 1/2				6.92	3,956.3	3,963.2
Cross Over	1	2 3/8				0.50	3,963.2	3,963.7
Tubing Pup Joint	1	2 3/8				4.15	3,963.7	3,967.8
XN Nipple	1	2 3/8				1.82	3,967.8	3,969.6

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	5,569	5,622	12/19/2013	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	GB4 sds, Original Hole	4,000	4,010	4		0.460	11/17/2005
4	GB6 sds, Original Hole	4,020	4,035	4		0.460	11/17/2005
3	B.5 sds, Original Hole	4,742	4,748	4		0.460	11/16/2005
2	A1 sds, Original Hole	4,944	4,958	4		0.460	11/16/2005
1	CP1 sds, Original Hole	5,376	5,384	4	120	0.460	11/4/2005
1	CP2 sds, Original Hole	5,423	5,429	4	120	0.460	11/4/2005

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	2,250	0.85	25.3	2,310			
2	2,270	0.89	25.4	2,370			
3	1,980	0.85	25.3	2,295			
4	1,850	0.89	25.4	1,960			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 50812 lb
2		Proppant White Sand 80407 lb
3		Proppant White Sand 25030 lb
4		Proppant White Sand 112538 lb

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2018 FSL 0651 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326510000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
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<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. The above reference well was put on injection at 8:00 AM on 10/17/2014.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 21, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/21/2014	



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

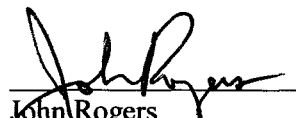
UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-420

Operator: Newfield Production Company
Well: Federal 12-13-9-16
Location: Section 13, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32651
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 8, 2014.
2. Maximum Allowable Injection Pressure: 1,824 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,794' – 5,622')
5. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately.
6. 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

10/2/2014
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

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 12-13-9-16, Section 13, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32651

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. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than 3,794 feet in the Federal 12-13-9-16 well.



Page 2
May 8, 2014
Newfield Production Company

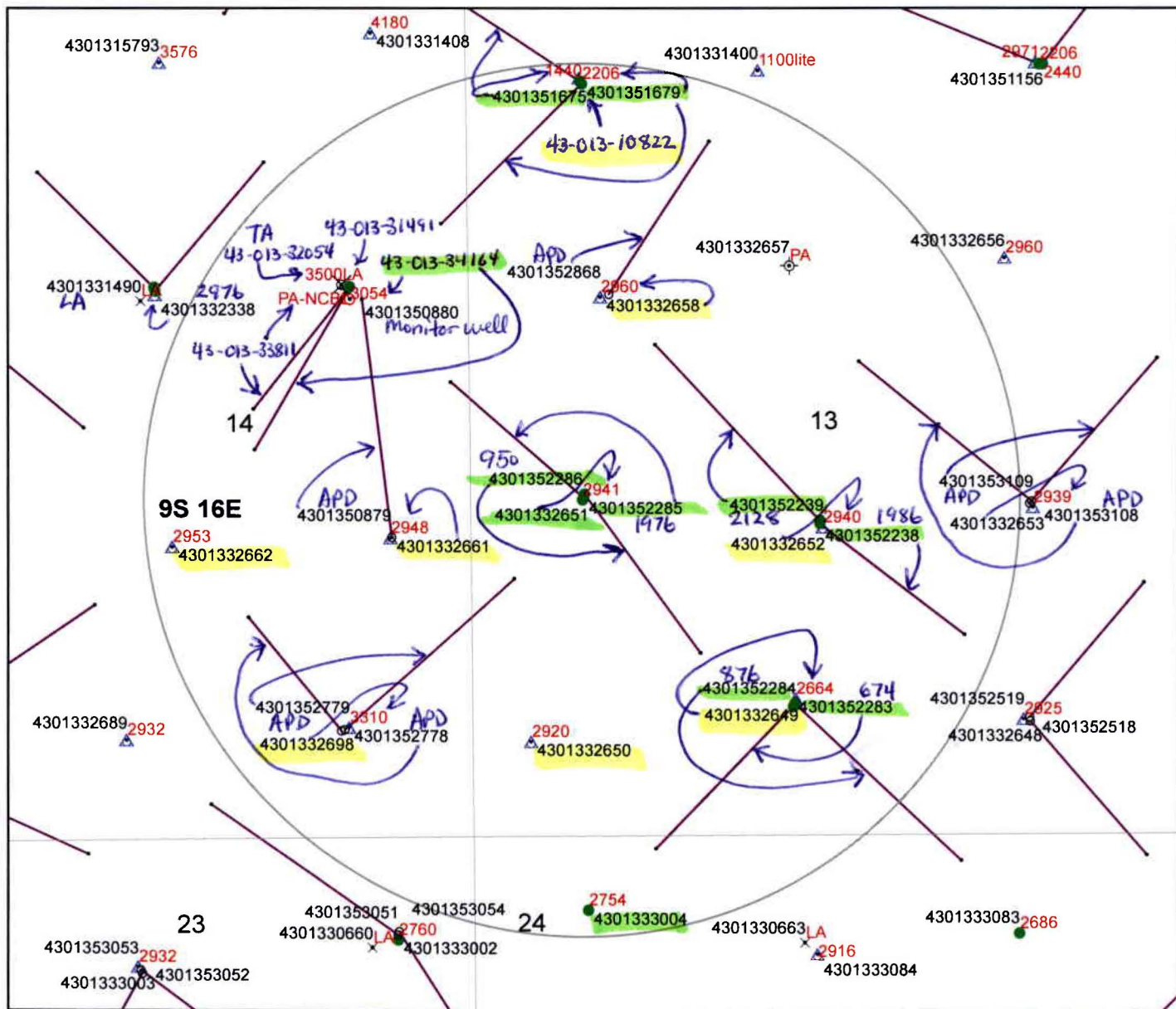
A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

A handwritten signature in black ink, appearing to read "John Rogers". The signature is fluid and cursive, with a large initial "J" and "R".

John Rogers
Associate Director

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



Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊙ GIW-Gas Injection Well
- _{GS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well *in Aug*
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- △ WWW-Water Injection Well *in Apr*
- WSW-Water Supply Well

Cement Bond Tops

Federal 12-13-9-16

API #43-013-32651

UIC-420.2

(updated 10/1/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles

N



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

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

Applicant: Newfield Production Company **Well:** Federal 12-13-9-16

Location: 13/9S/16E **API:** 43-013-32651

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 316 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,669 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,941 feet or higher. A 2 7/8 inch tubing with a packer is proposed at 3,950 feet. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (10/1/2014), based on surface locations, there are 11 producing wells, 8 injection wells, 1 temporarily abandoned well, 1 monitor well, and 2 P/A wells in the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. Finally, there is 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.

The following discussion pertains to all UIC applications for wells located within a 0.5 mile radius of the Jonah Unit 8-14-9-16 well (API# 43-013-32054). That well is located approximately 0.3 mile west of the Federal 5-13 well, the proposed injection well in the current application. In the process of drilling the directional well, Jonah Federal LA-14-9-16 (API# 43-013-34164) from the existing pad occupied by Jonah Unit 8-14, on 12/25/2008 Newfield accidentally intersected the existing vertical wellbore Jonah Unit 8-14 at a depth of 1,092 feet. An application for conversion of the Jonah Unit 8-14 to a UIC injection (UIC-255.1) well had been previously submitted by Inland Production Company 4/19/2000. A conversion permit was issued 6/15/2000 by DOGM, but an MIT was never done, and an injection permit was never issued. Subsequent to the well collision, which destroyed the wellbore integrity of the Jonah 8-14 well, DOGM denied further consideration of the well as a UIC injection well (memo 11/8/2010). Jonah 8-14 is currently in a temporarily abandoned status. Newfield and DOGM agreed on a plan for monitoring the situation created by the well collision. A monitor well would be drilled and

perforated at depths which straddle the depth of the well collision. Casing and tubing pressure gauges would be placed on both the damaged well (Jonah 8-14) and the monitor well. Any changes in pressure or fluid level will be reported immediately to DOGM. In addition, water samples will be taken from each well annually. The monitor well, GMBU 8-14T-9-16 (API# 43-013-50880) was completed 10/10/2012, located approximately 90 feet south-southeast of Jonah 8-14.

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 1900 feet. Injection shall be limited to the interval between 3,794 feet and 5,622 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-13-9-16 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,824 psig. The requested maximum pressure is 1,824 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. Additionally, it will be required to monitor pressure, fluid levels, and water quality in the intersected well, Jonah Unit 8-14, and the monitor well, GMBU 8-14T-9-16, as described in the **Well Integrity** section above.

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 5/6/2014 (revised 10/1/2014)

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

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WWW.DESERETNEWS.COM

PROOF OF PUBLICATION


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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 RECEIVED APR 24 2014	4/17/2014

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000952488 /
SCHEDULE	
Start 04/17/2014	End 04/17/2014
CUST. REF. NO.	
CAUSE NO. UIC-420	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NAT	
SIZE	
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TIMES	RATE
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MISC. CHARGES	AD CHARGE
	TOTAL CO
	250.28

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES CAUSE NO. UIC-420 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 04/17/2014 End 04/17/2014
SIGNATURE 
DATE 4/17/2014

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:
Federal 10-13-9-16 well located in NW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32652
Federal 12-13-9-16 well located in NW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32651
State 16-16-9-16 well located in SE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33854
Federal 8-19-9-16 well located in SE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33101
Federal 16-21-9-16 well located in SE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33165
Federal 12-23-9-16 well located in NW/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33179

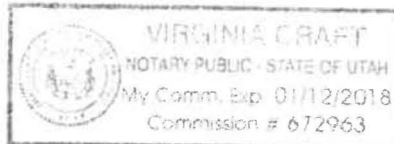
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

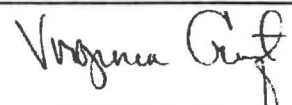
Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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 14th day of April, 2014.

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

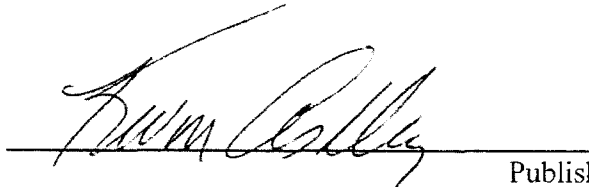



NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

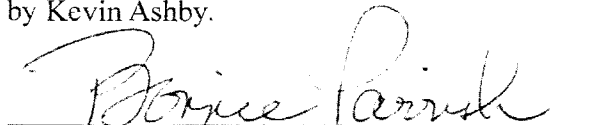
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 22 day of April, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 27 day of April, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

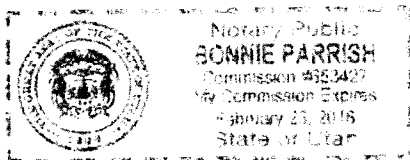

Publisher

Subscribed and sworn to before me on this

23 day of April, 20 14

by Kevin Ashby.


Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-420

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS
13, 16, 19, 21, and
23, 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
approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Federal 10-13-9-16
well located in NW/4
SE/4, Section 13,
Township 9 South,
Range 16 East

API 43-013-32653

Federal 12-13-9-16
well located in NW/4
SW/4, Section 13,
Township 9 South,
Range 16 East

API 43-013-32651

State 16-16-9-16
well located in SE/4
SE/4, Section 16,
Township 9 South,
Range 16 East

API 43-013-33854

Federal 8-19-9-16
well located in SE/4
NE/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33101

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well located in SE/4
SE/4, Section 21,
Township 9 South,
Range 16 East

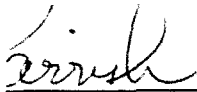
API 43-013-33165

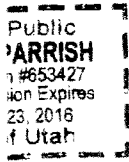
Federal 12-23-9-16
well located in NW/4
SW/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33179

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

Selected zones
in the Green River
Formation will be


Notary Public



NE/4, Section 19,
Township 9 South,
Range 16 East
API 43-013-33101
Federal 16-21-9-16
well located in SE/4
SE/4, Section 21,
Township 9 South,
Range 16 East
API 43-013-33165
Federal 12-23-9-16
well located in NW/4
SW/4, Section 23,
Township 9 South,
Range 16 East
API 43-013-33179

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 demon-
strate at the hearing
how this matter af-
fects their interests.

Dated this 14th day
of April, 2014.

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

By
Brad Hill
Published in the
Utah Basin Stan-
dard April 22, 2014.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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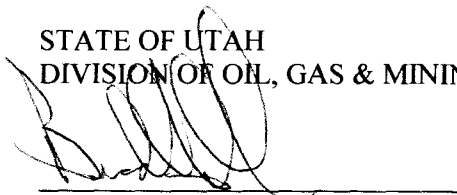
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Dated this 14th day of April, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 10-13-9-16, FEDERAL 12-13-9-16, STATE 16-16-9-16,
FEDERAL 8-19-9-16, FEDERAL 16-21-9-16, FEDERAL 12-23-9-16**

Cause No. UIC-420

Publication Notices were sent to the following:

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

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

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

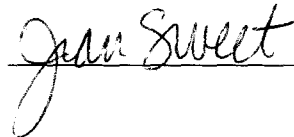
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

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

April 15, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-420

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-420

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>

Thu, Apr 17, 2014 at 2:08 PM

To: Jean Sweet <jsweet@utah.gov>

On 4/15/2014 9:08 AM, Jean Sweet wrote:

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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. Thank you. It will publish April 22.

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

April 15, 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-420

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000952488-01

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
Email juliecarter@utah.gov

Ordered By Jean
Acct. Exec kstowe

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets 0	Proofs 0	Affidavits 1
Payment Method		PO Number	CAUSE NO. UIC-420	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	4/17/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	4/17/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	4/17/2014	

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-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:
Federal 10-13-9-16 well located in NW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32653
Federal 12-13-9-16 well located in NW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32651
State 16-16-9-16 well located in SE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33854
Federal 8-19-9-16 well located in SE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33101
Federal 16-21-9-16 well located in SE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33165
Federal 12-23-9-16 well located in NW/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33179

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 14th day of April, 2014.

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

952488

UPAXLP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

April 7, 2014

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 #12-13-9-16
Monument Butte Field, Lease #UTU-64805
Section 13-Township 9S-Range 16E
Duchesne County, Utah

RECEIVED

APR 08 2014

DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #12-13-9-16 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 #12-13-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64805
APRIL 7, 2014

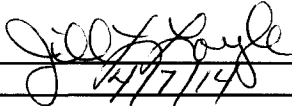
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: <u>Federal #12-13-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-64805</u>
Well Location: QQ <u>NWSW</u> section <u>13</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-32651</u>	
Proposed injection interval: from <u>3794</u> to <u>5622</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1824</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L Loyle</u>	Signature <u></u>
Title: <u>Regulatory Associate</u>	Date: <u>12/7/14</u>
Phone No. <u>(303) 383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

Federal 12-13-9-16

Spud Date: 9-29-05
Put on Production: 11-23-05
GL: 5490' KB: 5502'

Proposed Injection Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.74')
DEPTH LANDED: 315.64' 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. (5714.51')
DEPTH LANDED: 5668.64' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 250'

TUBING

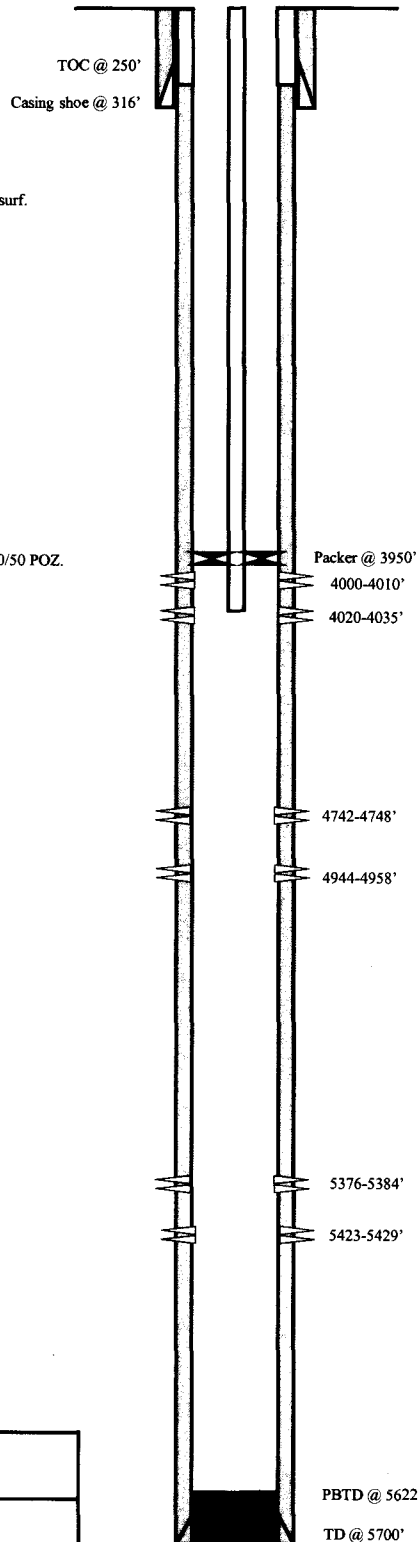
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5344.2')
TUBING ANCHOR: 5356.2' KB
NO. OF JOINTS: 2 jts (64.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5423.5' KB
NO. OF JOINTS: 2 jts (62.44')
TOTAL STRING LENGTH: EOT @ 5487' KB

FRAC JOB

11-16-05	5376-5429'	Frac CP1, CP2 sands as follows: 50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.
11-16-05	4944-4958'	Frac A1 sands as follows: 80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.
11-17-05	4742-4748'	Frac B.5 sands as follows: 25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.
11-17-05	4000-4035'	Frac GB4, & GB6 sands as follows: 112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/ avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.
9/17/09		Pump Change. Updated rod & tubing details.
12/16/10		Tubing Leak. Rod & tubing updated.

PERFORATION RECORD

11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes



NEWFIELD

Federal 12-13-9-16

2018' FSL & 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

JL 3/19/2014

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 #12-13-9-16 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 #12-13-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3794' - 5622'). 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 3480' and the TD is at 5700'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #12-13-9-16 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-64805) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 316' KB, and 5-1/2", 15.5# casing run from surface to 5669' 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 1824 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 #12-13-9-16, for existing perforations (4000' - 5429') calculates at 0.90 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 1824 psig. We may add additional perforations between 3480' and 5700'. 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 #12-13-9-16, the proposed injection zone (3794' - 5622') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 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-19.

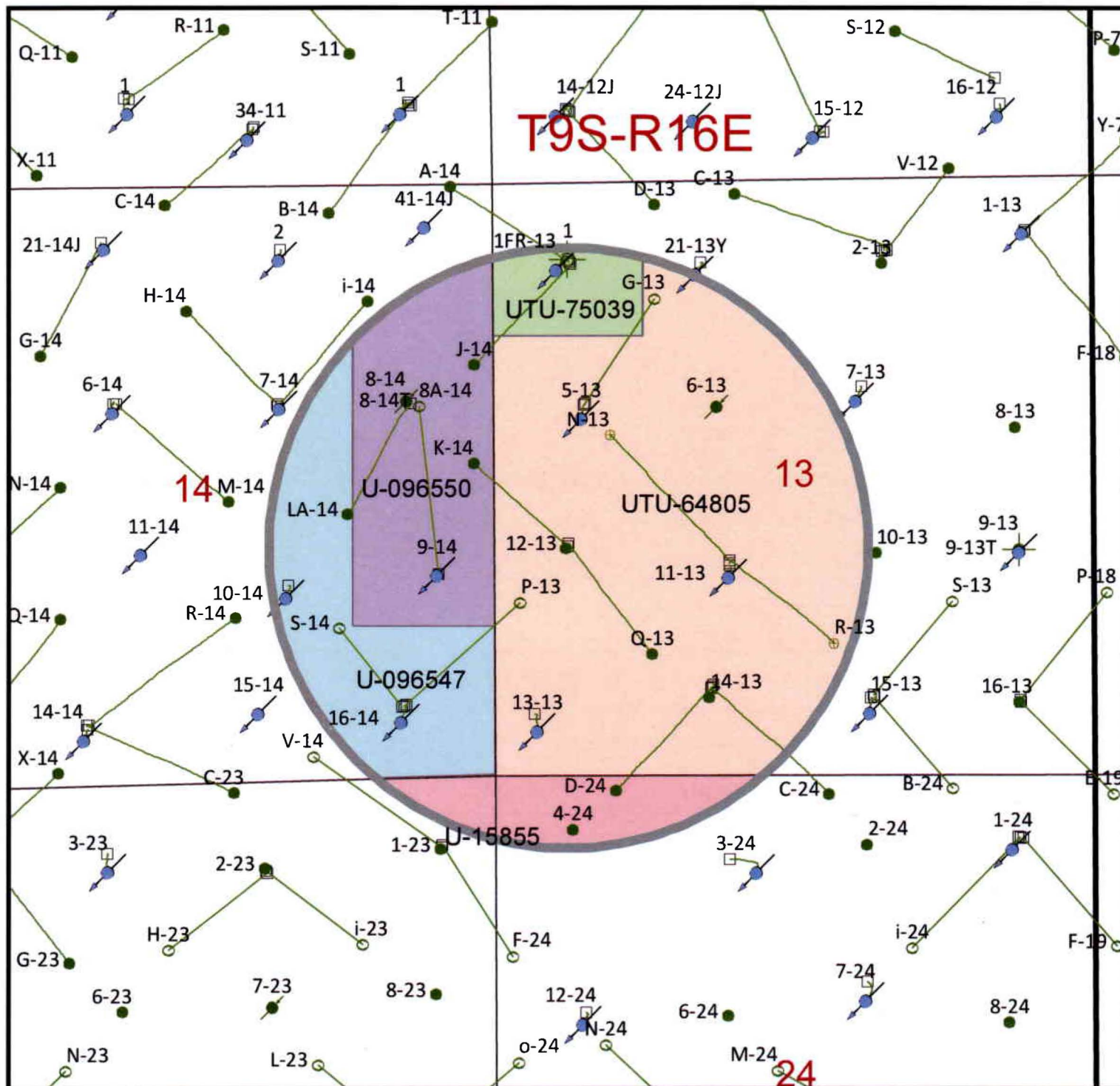
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

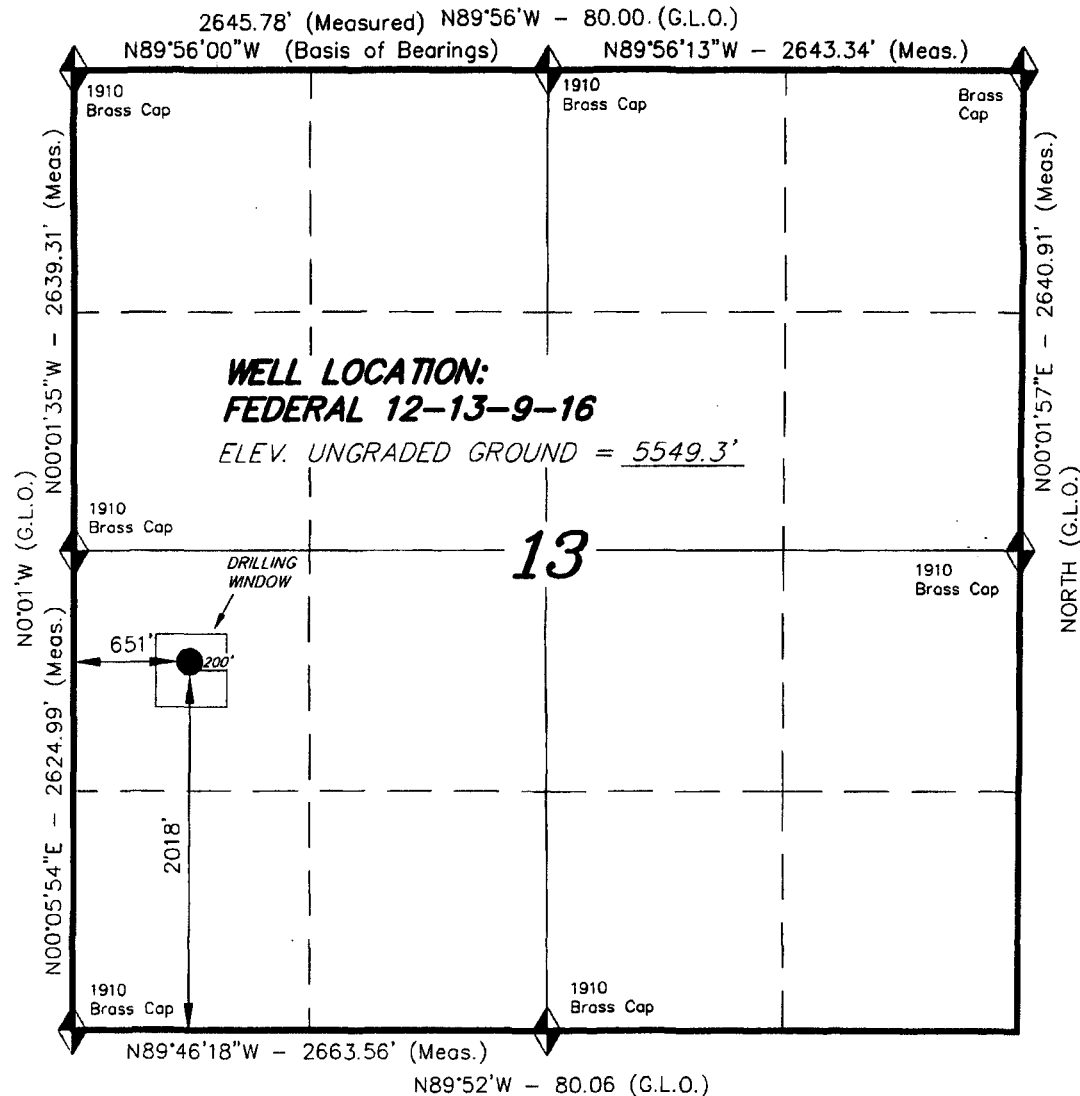
2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

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



T9S, R16E, S.L.B.&M.**INLAND PRODUCTION COMPANY**

WELL LOCATION, FEDERAL 12-13-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SW
1/4 OF SECTION 13, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



◆ = SECTION CORNERS LOCATED

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



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

REGISTERED LAND SURVEYOR
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 66200
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-15-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation ABO Petroleum Corp Myco Industries Inc Oxy Y-1 Company	USA
2	T9S-R16E SLM Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation ABO Petroleum Corp Myco Industries Inc Oxy Y-1 Company	USA
3	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
4	T9S-R16E SLM Section 13: NWN, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

5 T9S-R16E SLM
Section 13: NENE, NWNW

USA
UTU-75039
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 #12-13-9-16

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 7th day of April, 2014.

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

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Federal 12-13-9-16

Spud Date: 9-29-05
Put on Production: 11-23-05
GL: 5490' KB: 5502'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.74')
DEPTH LANDED: 315.64' 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. (5714.51')
DEPTH LANDED: 5668.64' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5344.2')
TUBING ANCHOR: 5356.2' KB
NO. OF JOINTS: 2 jts (64.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5423.5' KB
NO. OF JOINTS: 2 jts (62.44')
TOTAL STRING LENGTH: EOT @ 5487' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 100- 3/4" guided rods, 94- 3/4" guided rods. 16- 3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-16-05 5376-5429' **Frac CP1, CP2 sands as follows:**
50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.

11-16-05 4944-4958' **Frac A1 sands as follows:**
80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.

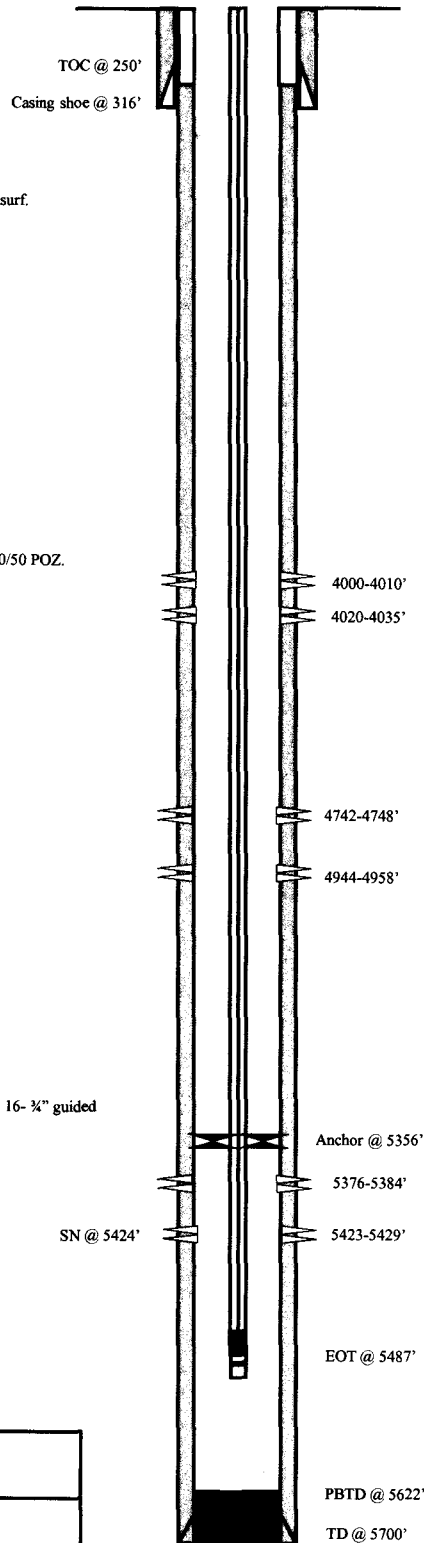
11-17-05 4742-4748' **Frac B.5 sands as follows:**
25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

11-17-05 4000-4035' **Frac GB4, & GB6 sands as follows:**
112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.

9/17/09 Pump Change. Updated rod & tubing details.
12/16/10 Tubing Leak. Rod & tubing updated.

PERFORATION RECORD

11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes



NEWFIELD

Federal 12-13-9-16

2018' FSL & 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

TW 01/25/11

Spud Date:09/22/05

Put on Production: 11/08/05

GL: 5538' KB: 5550'

Federal 5-13-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (301.7')

DEPTH LANDED: 312.6' 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: 135 jts. (5802.05')

DEPTH LANDED: 5801.3' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP: 100'

TUBING

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

NO. OF JOINTS: 131??? jts (3939.1')

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

SN LANDED AT: 3951.1' KB

ON/OFF TOOL AT: 3952.2'

ARROW #1 PACKER CE AT: 3958.1'

XO 2-3/8 x 2-7/8 J-55 AT: 3961.0'

TBG PUP 2-3/8 J-55 AT: 3961.5'

X/N NIPPLE AT: 3965.5'

TOTAL STRING LENGTH: EOT @ 3967.13'

FRAC JOB

11/01/05 5408-5418'

Frac CPI sands as follows:

34070# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5406 gal. Actual flush: 5124 gal.

11/01/05 4962-4978'

Frac A1 sands as follows:

89150# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1591 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4960 gal. Actual flush: 4746 gal.

11/04/05 4812-4848'

Frac B1, B2 sands as follows:

158872# 20/40 sand in 1078 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4810 gal. Actual flush: 4582 gal.

11/02/05 4612-4629'

Frac D2 sands as follows:

29350# 20/40 sand in 344 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 4610 gal. Actual flush: 4326 gal.

11/02/05 4038-4053'

Frac GB6 sands as follows:

83194# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 1388 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4036 gal. Actual flush: 3944 gal.

9/16/09

Pump Change. Updated rod & tubing details.

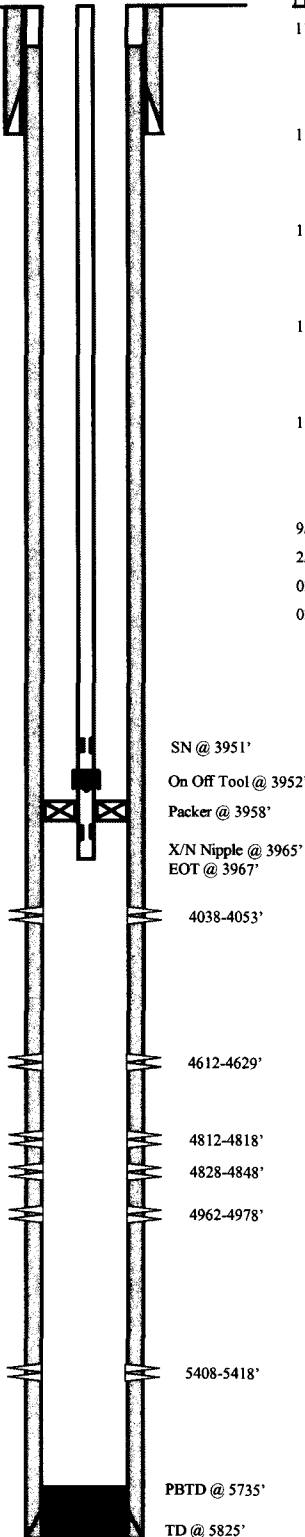
2/23/12

Tubing Leak: Updated rod & tubing detail

02/18/13

Convert to Injection Well

02/19/13

Conversion MIT Finalized – update tbg detailPERFORATION RECORD

11/01/05	5408-5418'	4 JSPF	40 holes
11/01/05	4962-4978'	4 JSPF	64 holes
11/01/05	4828-4848'	4 JSPF	80 holes
11/01/05	4812-4818'	4 JSPF	24 holes
11/02/05	4612-4629'	4 JSPF	68 holes
11/02/05	4038-4053'	4 JSPF	60 holes



Federal 5-13-9-16
1981' FNL & 820' FWL
SW/NW Section 13-T9S-R16E
Duchesne Co, Utah
API #43-013-32658; Lease #UTU-64805

Federal 11-13-9-16

Spud Date: 10/31/05

Put on Production: 12/14/05

GL: 5444' KB:5454'

Initial Production: BOPD 51,
MCFD 39, BWPD 28Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (296.83')

DEPTH LANDED: 306.83' KB

HOLE SIZE: 12-1/4"

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

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5791.7')

DEPTH LANDED: 5789.7' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 34'

TUBING

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

NO. OF JOINTS: 122 jts (3950.3')

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

SN LANDED AT: 3960.3' KB

X NIPPLE AT: 3961.4'

ARROW #1 PACKER CE AT: 3966.63'

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

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

X/N NIPPLE AT: 3975.1'

TOTAL STRING LENGTH: EOT @ 3976.58'

Cement Top @ 34'

Casing shoe @ 307'

SN @ 3960'

XN @ 3961'

Packer @ 3967'

X/N Nipple @ 3975'
EOT @ 3977'

4012'-4020'

4776'-4782'

4938'-4944'

5361'-5369'

5387'-5394'

5423'-5429'

5610'-5614'

5628'-5634'

PBTD @ 5758'

TD @ 5800'

FRAC JOB

12/09/05 5610'-5634'

Frac CP4 sands as follows:40,198# 20/40 sand in 394 bbls lightning
Frac 17 fluid. Treated @ avg press of 1702 psi
w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc
flush: 5608 gal. Actual flush: 5007 gal.

12/09/05 5361'-5429'

Frac CP1 & CP2 sands as follows:95,683# 20/40 sand in 703 bbls lightning
Frac 17 fluid. Treated @ avg press of 1593 psi
w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc
flush: 5359 gal. Actual flush: 4775 gal.

12/10/05 4938'-4944'

Frac A1 sands as follows:20,953# 20/40 sand in 278 bbls lightning
Frac 17 fluid. Treated @ avg press of 1972 psi
w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc
flush: 4936 gal. Actual flush: 4368 gal.

12/10/05 4776'-4782'

Frac B1 sands as follows:36,114# 20/40 sand in 380 bbls lightning
Frac 17 fluid. Treated @ avg press of 2210psi
w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc
flush: 4774 gal. Actual flush: 3822 gal.

12/10/05 4012'-4020'

Frac GB4 sands as follows:19,329# 20/40 sand in 268 bbls lightning
Frac 17 fluid. Treated @ avg press of 1347psi
w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc
flush: 4010 gal. Actual flush: 3927 gal.

06/28/07

Pump Change. Update rod and tubing details.

02/19/13

Convert to Injection Well

02/19/13

Conversion MIT Finalized - update tbg
detailPERFORATION RECORD

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

NEWFIELD

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

Federal 6-13-9-16

Wellbore Diagram

P & A

Spud Date: 9/26/2005

Put on Production:

GL: 5514' KB: 5526'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (303.52')

DEPTH LANDED: 313.52'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, circ. 5.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5815.38')

DEPTH LANDED: 5813.38'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ. 9 bbls to surf.

CEMENT TOP AT: No CBL run

TUBING

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

NO. OF JOINTS: jts (')

TUBING ANCHOR:

NO. OF JOINTS: 1 jts (')

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

SN LANDED AT:

NO. OF JOINTS: jts (')

TOTAL STRING LENGTH: EOT @

SUCKER RODS

POLISHED ROD:

SUCKER RODS:

PUMP SIZE:

STROKE LENGTH:

PUMP SPEED, SPM:

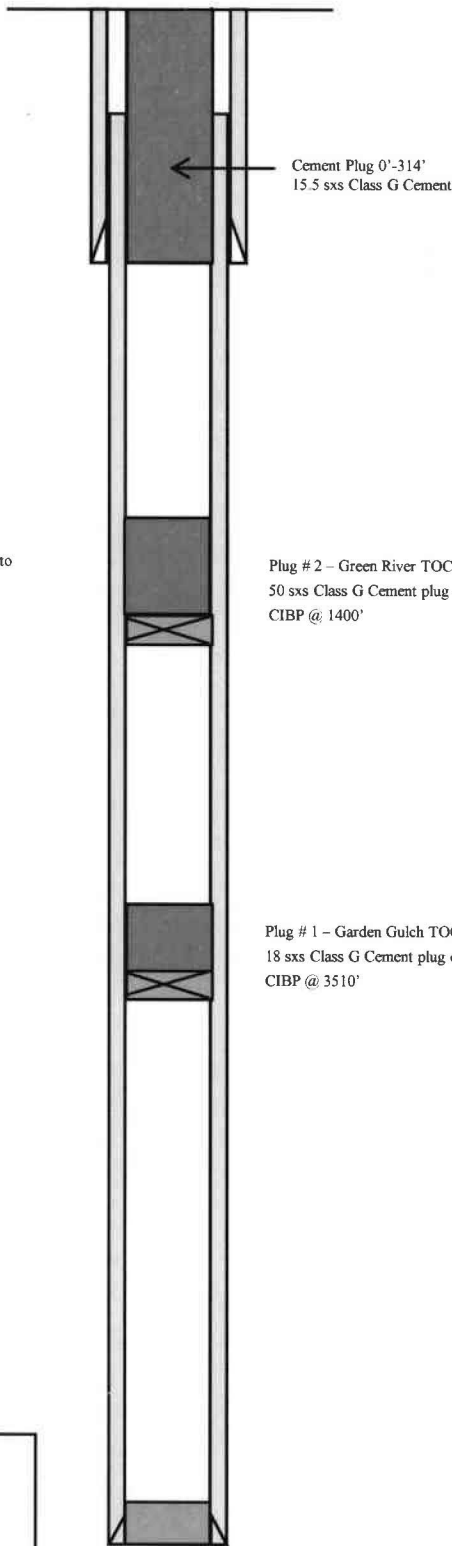
FRAC JOB

03-2006

09/19/12

Operations Suspended

P&A - CIBP @ 3510" TOC @ 3355', CIBP @ 1400' TOC @ 1168, 15.5 sacks Class G cement down both casings to surface. Stoney Anderton w/ BLM witnessed the P&A. Weld plate, back fill hole, dig up deadmen & cut off 3' below ground level. South Slope Reclamation to do dirt work.



TD @ 5825'

PERFORATION RECORD**NEWFIELD**

Federal 6-13-9-16
 1794' FNL & 1960' FWL (SE/NW)
 Section 13, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-32657; Lease # UTU-64805

NEWFIELD

Schematic

43-013-32653

Well Name: Federal 10-13-9-16

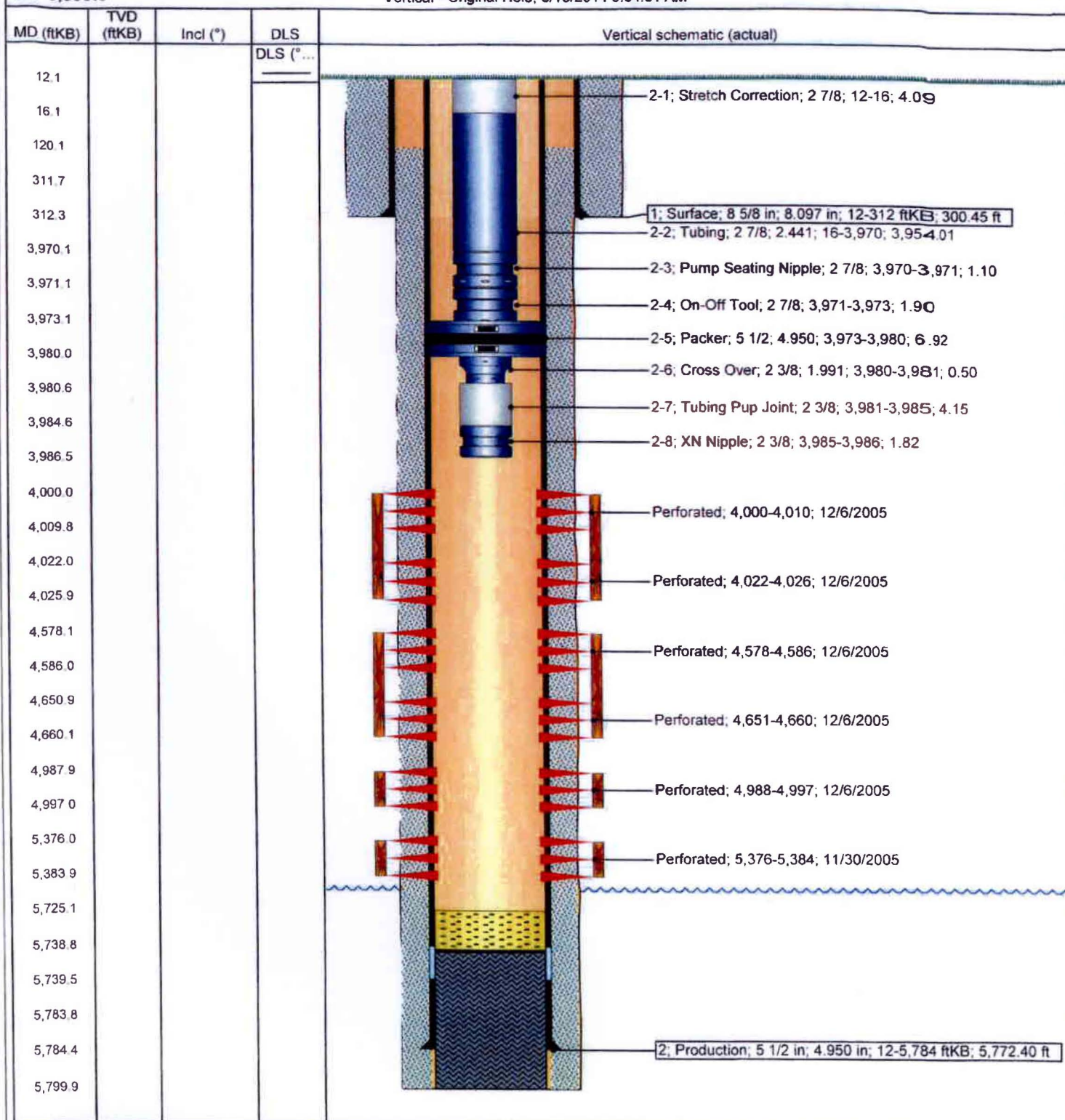
Surface Legal Location 13-9S-16E	API/UWI 43013326530000	Well RC 500151402	Lease	State/Province Utah	Field Name GMBU CT B5	County DUCHESNE
Spud Date 10/26/2005	Rig Release Date 11/13/2005	On Production Date 12/12/2005	Original KB Elevation (ft) 5,531	Ground Elevation (ft) 5,519	Total Depth All (TVD) (ftKB) 5,738.9	Original Hole - 5,738.9

Most Recent Job

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

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



FEDERAL 13-13-9-16

Spud Date: 04/13/07

Put on Production: 05/23/07

GL: 5592' KB: 5604'

Initial Production: 53 BOPD,
3 MCFD, 88 BWPDInjection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (309.33')

DEPTH LANDED: 319.33' 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: 131 jts. (5793.19')

DEPTH LANDED: 5789.19' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

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

NO. OF JOINTS: 126 jts (3906.4')

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

SN LANDED AT: 3918.4' KB

ON/OFF TOOL AT: 3919.5'

ARROW #1 PACKER CE AT: 3924.9'

XO 2-3/8 x 2-7/8 J-55 AT: 3928.3'

TBG PUP 2-3/8 J-55 AT: 3928.8'

X/N NIPPLE AT: 3932.9'

TOTAL STRING LENGTH: EOT @ 3934.27'

FRAC JOB

05/15/07 5528-5533'

Frac CP3 sands as follows:

14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc flush: 5526 gal. Actual flush: 5019 gal.

05/15/07 5366-5374'

Frac CP1 sands as follows:

40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc flush: 5364 gal. Actual flush: 4868 gal.

05/18/07 4909-4959'

Frac A1&3 sands as follows:

67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc flush: 4907 gal. Actual flush: 4406 gal.

05/18/07 4628-4642'

Frac C sands as follows:

29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc flush: 4626 gal. Actual flush: 4124 gal.

05/18/07 4494-4499'

Frac D1 sands as follows:

14891# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 4492 gal. Actual flush: 3990 gal.

05/18/07 3983-4035'

Frac GB4&6 sands as follows:

56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of ? BPM. ISIP 1685 psi. Calc flush: 3981 gal. Actual flush: 3910 gal.

7/17/08

Pump change. updated rod and tubing detail.

1/20/2010

Pump change. Updated rod and tubing detail.

12/11/12

Convert to Injection Well

12/12/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes

Cement Top @ Surface

Casing shoe @ 319'

SN @ 3918'

On Off Tool @ 3919'

Packer @ 3925'

X/N Nipple @ 3933'

EOT @ 3934'

3983-3990'

4027-4035'

4494-4499'

4628-4642'

4909-4914'

4949-4959'

5366-5374'

5528-5533'

PBTD @ 5756'

SHOE @ 5789'

TD @ 5800'

NEWFIELD**FEDERAL 13-13-9-16**

555' FSL & 344' FWL

SW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32650; Lease # UTU-64805

LCN 12/18/12

NEWFIELD



Schematic

43-013-32649

Well Name: Federal 14-13-9-16

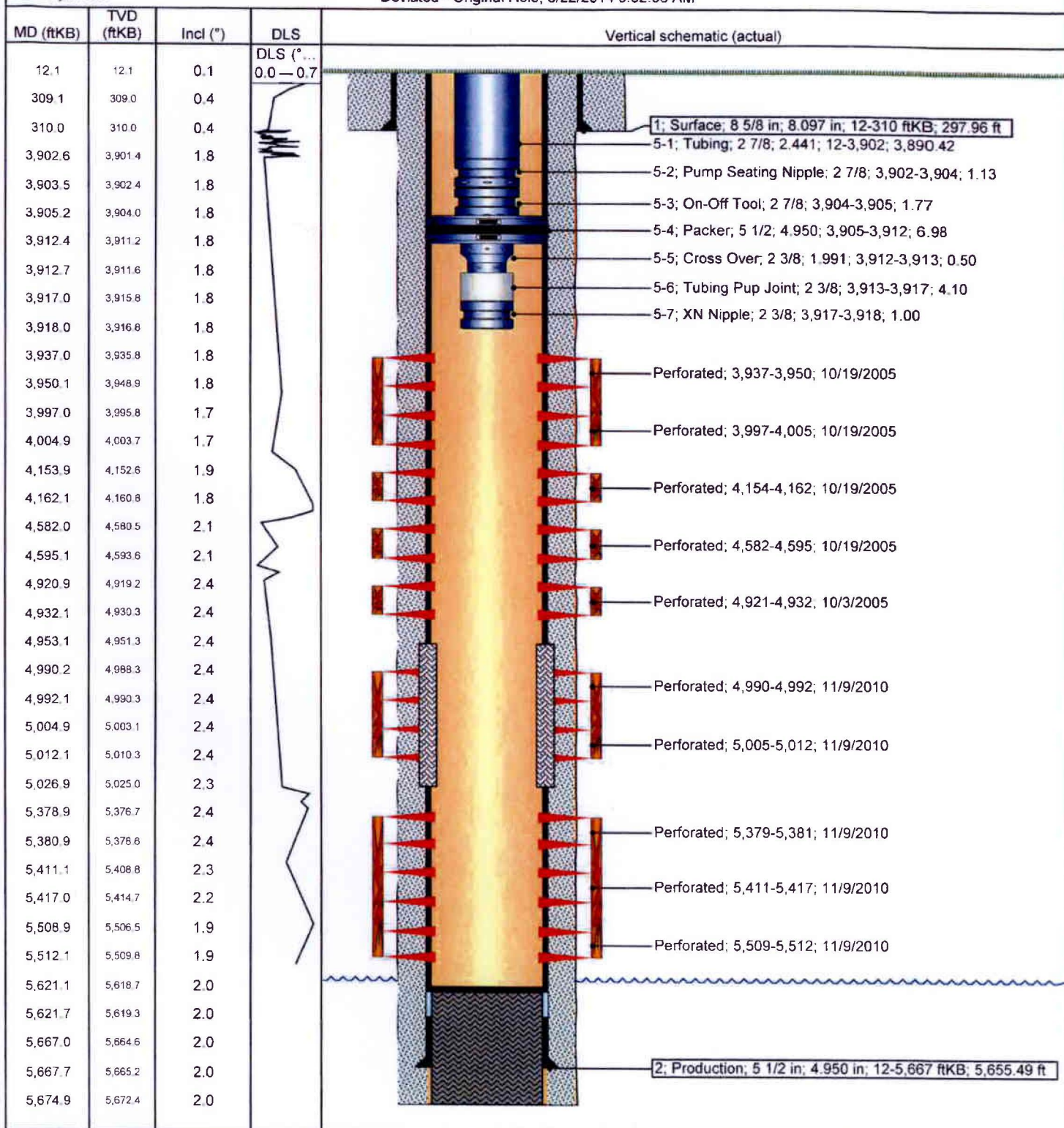
Surface Legal Location	819' FSL & 1940' FWL (SE/SW) SECTION 13-T9S-R16E	API/UWI	43013326490000	Well RC	500151344	Lease		State/Province	Utah	Field Name	GMBU CTB6	County	DUCHESNE
Spud Date	8/16/2005	Rig Release Date	9/9/2005	On Production Date	10/21/2005	Original KB Elevation (ft)	5,593	Ground Elevation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

Most Recent Job

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

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



FEDERAL 4-24-9-16

Spud Date: 12/12/07
Put on Production: 02/26/08
GL: 5613' KB: 5625'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.16')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 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. (5745.08')
DEPTH LANDED: 5758.33' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 84'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169 jts (5298.24')
TUBING ANCHOR: 5310.24' KB
NO. OF JOINTS: 2 jts (62.78')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5375.82' KB
NO. OF JOINTS: 2 jts (62.76')
TOTAL STRING LENGTH: EOT @ 5440.13' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1 - 3/4" x 2' Pony Rod, 1 - 3/4" x 4' Pony Rod, 1 - 3/4" x 6' Pony Rod, 99 - 3/4" Guided Rods, 89 - 3/4" Plain Rods, 20 - 3/4" Guided Rods, 6 - 1 1/2" weight bars
PUMP SIZE: CDI 2 1/2" x 1 1/2" x 12 x 19 1/2" RHAC
STROKE LENGTH: 102"
PUMP SPEED: 5 SPM

FRAC JOB

02/21/08	5350-5360'	Frac CP1 sands as follows: 19538# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2319 psi w/avg rate of 23.0 BPM. ISIP 2169 psi.
02/21/08	5062-5068'	Frac LODC sands as follows: 14448# 20/40 sand in 267 bbl Lightning 17 frac fluid. Treated @ avg press of 2913 psi w/avg rate of 23.1 BPM. ISIP 3354 psi.
02/21/08	4936-4947'	Frac A3, sands as follows: 79356# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 23.1 BPM. ISIP 2069 psi.
02/21/08	4893-4900'	Frac A1 sands as follows: 79356# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 23.1 BPM. ISIP 2069 psi.
02/21/08	4481-4491'	Frac D1 sands as follows: 54904# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2070 psi w/avg rate of 23.1 BPM. ISIP 2153 psi.
02/21/08	4018-4032'	Frac GB6 sands as follows: 74458# 20/40 sand in 594 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 23.1 BPM. ISIP 1788 psi.

PERFORATION RECORD

02/21/08	5350-5360'	4 JSPF	40 holes
02/21/08	5062-5068'	4 JSPF	24 holes
02/21/08	4936-4947'	4 JSPF	44 holes
02/21/08	4893-4900'	4 JSPF	28 holes
02/23/08	4481-4491'	4 JSPF	40 holes
02/23/08	4018-4032'	4 JSPF	56 holes

Cement Top @ 84'

4018-4032'

4481-4491'

4893-4900'

4936-4947'

5062-5068'

Anchor @ 5310'

5350-5360'

EOT @ 5440'

PBTD @ 5705'

TD @ 5775'

NEWFIELD**FEDERAL 4-24-9-16**

462' FNL & 679' FWL

NW/NW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33004; Lease # UTU-15855



Well Name: GMBU D-24-9-16

43-013-52283

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

Most Recent Job

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

Slant - Original Hole, 4/2/2014 2:57:09 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
			DLS (° ...)		
13.1	13.1	0.0		1-1; Tubing Hanger; 7; 2.441; 13-14; 0.90	
15.1	15.1	0.0		1; Conductor; 14 in; 13.500 in; 13-18 ftKB; 5.00 ft	
18.0	18.0	0.0		2; Surface; 8 5/8 in; 8.097 in; 13-323 ftKB; 310.38 ft	
57.4	57.4	0.1		1-2; Tubing; 2 7/8; 2.441; 14-5,456; 5,442.21	
277.9	277.9	0.6		Perforated; 3,995-3,996; 2/18/2014	
323.5	323.5	0.7		Perforated; 4,004-4,005; 2/18/2014	
1,940.9	1,917.0	14.5		Perforated; 4,010-4,011; 2/18/2014	
3,356.3	3,284.4	14.0		Perforated; 4,020-4,021; 2/18/2014	
3,996.1	3,906.1	13.9		Perforated; 4,029-4,030; 2/18/2014	
4,004.9	3,914.7	14.1		Perforated; 4,090-4,091; 2/18/2014	
4,011.2	3,920.7	14.2		Perforated; 4,109-4,110; 2/18/2014	
4,021.0	3,930.2	14.3		Perforated; 4,117-4,118; 2/18/2014	
4,029.9	3,938.8	14.4		Perforated; 4,122-4,123; 2/18/2014	
4,090.9	3,997.9	14.6		Perforated; 4,860-4,861; 2/18/2014	
4,109.9	4,016.3	14.5		Perforated; 4,868-4,869; 2/18/2014	
4,118.1	4,024.3	14.4		Perforated; 4,873-4,874; 2/18/2014	
4,123.0	4,029.0	14.3		Perforated; 4,880-4,881; 2/18/2014	
4,859.9	4,744.5	13.3		Perforated; 5,007-5,008; 2/18/2014	
4,868.1	4,752.5	13.4		Perforated; 5,013-5,014; 2/18/2014	
4,873.0	4,757.3	13.4		Perforated; 5,021-5,022; 2/18/2014	
4,879.9	4,764.0	13.4		Perforated; 5,056-5,057; 2/18/2014	
5,006.9	4,887.5	13.5		Perforated; 5,067-5,068; 2/18/2014	
5,013.1	4,893.5	13.6		Perforated; 5,076-5,077; 2/18/2014	
5,021.0	4,901.2	13.6		Perforated; 5,083-5,084; 2/18/2014	
5,056.1	4,935.3	13.9		1-3; Anchor/catcher; 4.70; 2.441; 5,456-5,459; 2.80	
5,066.9	4,945.8	14.0		Perforated; 5,474-5,476; 2/14/2014	
5,076.1	4,954.7	14.0		1-4; Tubing; 2 7/8; 2.441; 5,459-5,491; 32.30	
5,083.0	4,961.4	14.0		Perforated; 5,480-5,483; 2/14/2014	
5,456.0	5,325.2	12.6		1-5; Pump Seating Nipple; 2 7/8; 2.380; 5,491-5,492; 1.10	
5,465.9	5,334.8	12.6		1-6; Tubing; 2 7/8; 2.441; 5,492-5,556; 64.03	
5,476.0	5,344.7	12.9		1-7; Notched collar; 2 7/8; 2.441; 5,556-5,557; 0.50	
5,482.9	5,351.4	13.0		3; Production; 5 1/2 in; 4.950 in; 13-6,017 ftKB; 6,003.88 ft	
5,491.1	5,359.4	13.3			
5,556.4	5,422.8	14.1			
5,970.1	5,826.0	9.5			
6,015.4	5,870.7	8.3			
6,021.0	5,876.2	8.2			

Well Name: GMBU N-13-9-16

43-013-52239

Surface Legal Location NESW 1895 FSL 2094 FWL Sec 13 T9S R16E Mer SLB			API/UWI 43013522390000	Well RC 500365887	Lease UTU64805	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 1/16/2014	Rig Release Date 2/11/2014	On Production Date	Original KB Elevation (ft) 5,559	Ground Elevation (ft) 5,546	Total Depth All (TVD) (ftKB) Original Hole - 5,938.4		PBTD (All) (ftKB) Original Hole - 6,118.7	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/24/2014	Job End Date 3/4/2014
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TD: 6,171.0

Slant - Original Hole, 4/2/2014 2:55:34 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
0.0	0.0	0.0	DLS (°...	
13.1	13.1	0.0		
15.4	15.4	0.0		
19.0	19.0	0.0		
36.1	36.1	0.1		
58.1	58.1	0.2		
281.5	281.5	0.7		
327.1	327.1	0.8		
1,961.0	1,935.9	16.9		
3,453.1	3,345.4	21.5		
4,174.9	4,032.9	16.7		
5,007.9	4,831.0	17.4		
5,151.9	4,968.5	17.9		
5,168.0	4,983.8	18.4		
5,175.9	4,991.3	18.6		
5,184.1	4,999.0	18.9		
5,608.9	5,402.0	18.5		
5,631.9	5,423.8	19.0		
5,644.4	5,435.6	19.0		
5,660.1	5,450.5	19.1		
5,681.8	5,470.9	19.2		
5,763.8	5,548.2	19.9		
6,118.8	5,887.3	12.6		
6,163.4	5,930.9	11.3		
6,170.9	5,938.3	11.1		

Well Name: GMBU Q-13-9-16

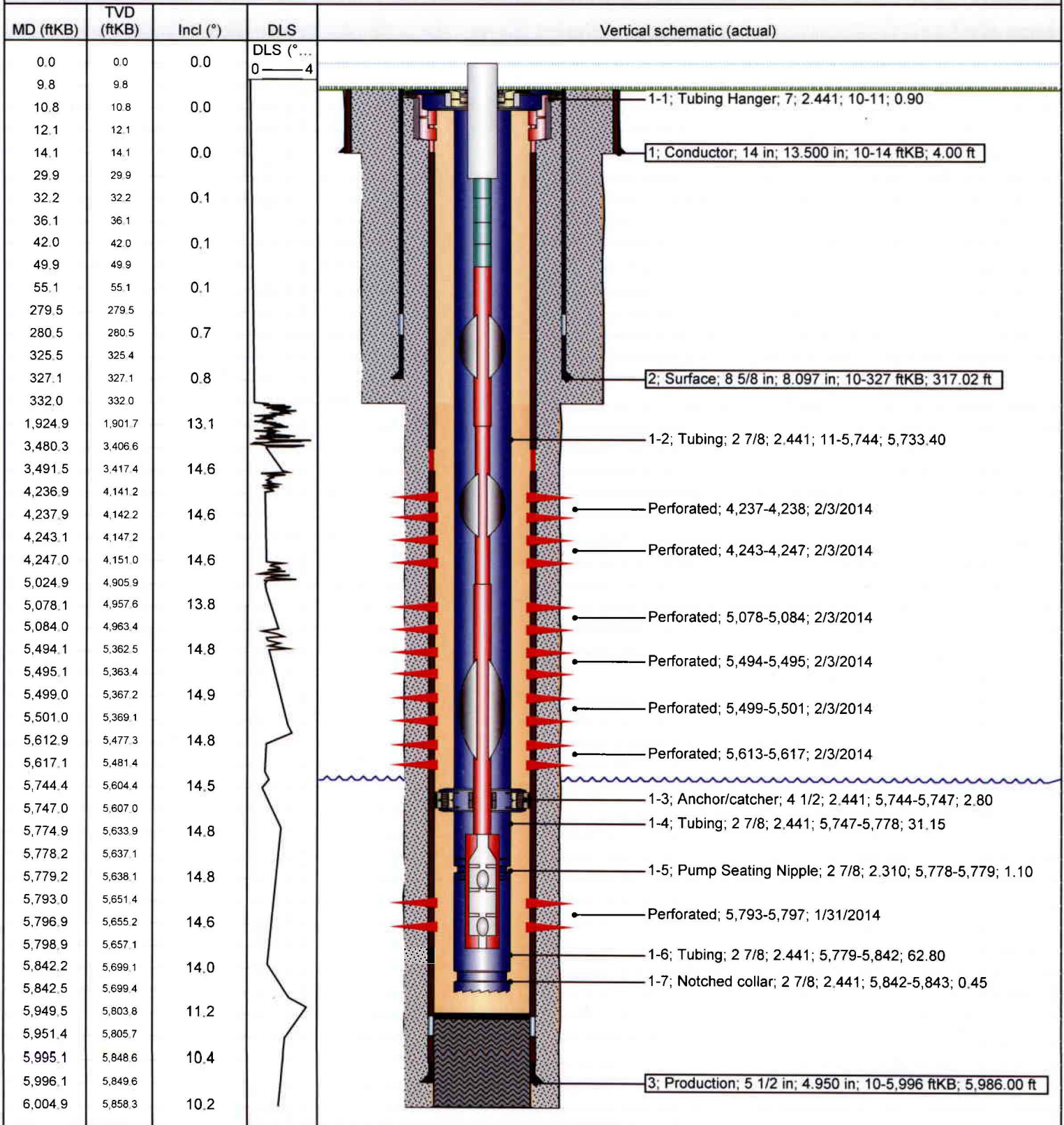
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NWSW 2054 FSL 675 FWL Sec 13 T9S R16E Mer SLB		43013522860000	500346522	UTU64805	Utah	GMBU CTB5	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 5,949.6
12/28/2013	1/16/2014		5,564	5,554	Original Hole - 5,858.3		

Most Recent Job

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

TD: 6,005.0

Slant - Original Hole, 4/2/2014 2:40:12 PM



GMBU 8-14T-9-16

Spud Date: 09/13/12

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 2 jts. 80'
 HOLE SIZE: 12-1/4"

MONITOR CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 30 jts. (1220')
 DEPTH LANDED: 1229.6' KB
 FLOAT COLLAR @ 1186' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Class G 50:50:2+3%KCL+0.5%EC+0.25#CF
 mixed @ 14.4 ppg & 1.25 yield.
 CEMENT TOP: 24'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 35
 SEATING NIPPLE: 2-7/8" 1.1'
 NOTCHED COLLAR: 2-7/8" .5'
 TOTAL STRING LENGTH: EOT @ 1123' KB

Cement Top @ 24'

Perforation Record:

10/9/2012

1118-23' 16g, 0.34" EHD, 22" pen, 120 deg phasing, w/3spf (15 holes)

1004-09' 16g, 0.34" EHD, 22" pen, 120 deg phasing, w/3spf (15 holes)

**NEWFIELD**

GMBU 8-14T-9-16 (Monitor Well)
 1978' FNL & 731' FEL
 SENE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-50880; Lease #UTU-096550

NEWFIELD

GMBU J-14-9-16

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NW/NW Section 13, T9S, R16E; 700' FNL & 683' FWL

Elevation: 5532' GL + 10' KB

API Number: 43-013-51679; Lease Number: UTU-75039

Paul Lembcke

PFM 10/2/2013

Spud Date: 6/4/2013

PoP Date: 7/19/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	302'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,069'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUBING DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,628'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,531'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Pony Rod			0'	2'	7/8"	Tenaris D78	2	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5561'			
	Polish Rod			2'	32'	1 1/2"	4140	30	1	#NF2488			
	Pony Rod			32'	36'	7/8"	Tenaris D78	4	1				
	4per Guided Rod			36'	1,811'	7/8"	Tenaris D78	1775	71				
	4per Guided Rod			1,811'	4,811'	3/4"	Tenaris D78	3000	120				
	8per Guided Rod			4,811'	5,561'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	2	-	-	Formation:	GB6	GB4	7% KCL				
	0'	0'	2	-	-	20/40 White:	98,159 lbs	15% HCl:	0 gals				
	4,122'	4,124'	2	0.34	7/13/2013	Pad:	1,378 gals	Treating Fluid:	25,250 gals				
	4,152'	4,154'	2	0.34	7/13/2013	Flush:	3,982 gals	Load to Recover:	30,610 gals				
	4,162'	4,164'	2	0.34	7/13/2013	ISIP=	0.820 psi/ft	Max STP:	2,629 psi				
	4,169'	4,171'	2	0.34	7/13/2013								
	4,180'	4,182'	2	0.34	7/13/2013								
3	0'	0'	2	-	-	Formation:	B2	C-Sand	7% KCL				
	0'	0'	2	-	-	20/40 White:	89,493 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Pad:	8,760 gals	Treating Fluid:	27,215 gals				
	4,812'	4,814'	2	0.34	7/13/2013	Flush:	4,662 gals	Load to Recover:	41,137 gals				
	4,822'	4,823'	2	0.34	7/13/2013	ISIP=	1.173 psi/ft	Max STP:	2,818 psi				
	4,835'	4,836'	2	0.34	7/13/2013								
	4,963'	4,969'	2	0.34	7/13/2013								
2	0'	0'	2	-	-	Formation:	A3	A1	7% KCL				
	0'	0'	2	-	-	20/40 White:	72,515 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Pad:	2,646 gals	Treating Fluid:	17,987 gals				
	5,120'	5,121'	2	0.34	7/13/2013	Flush:	5,116 gals	Load to Recover:	26,249 gals				
	5,129'	5,130'	2	0.34	7/13/2013	ISIP=	0.870 psi/ft	Max STP:	3,545 psi				
	5,141'	5,142'	2	0.34	7/13/2013								
	5,158'	5,163'	2	0.34	7/13/2013								
1	0'	0'	3	-	-	Formation:	CP1		7% KCL				
	0'	0'	3	-	-	20/40 White:	32,279 lbs	15% HCl:	750 gals				
	0'	0'	3	-	-	Pad:	1,453 gals	Treating Fluid:	8,799 gals				
	0'	0'	3	-	-	Flush:	5,523 gals	Load to Recover:	17,877 gals				
	0'	0'	3	-	-	ISIP=	0.818 psi/ft	Max STP:	3,713 psi				
	5,548'	5,550'	3	0.34	7/10/2013								
	5,556'	5,558'	3	0.34	7/10/2013								
CEMENT	Surf	On 6/5/13 Pro Petro cemented 8 5/8" casing w/ 180 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 6 bbls to the pit.											
	Prod	On 6/26/13 Baker pumped 211sks lead @ 11 ppg w/ 3.53 yield plus 450 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 25 bbls to the pit. TOC @ 36'.											

8-5/8" Shoe @ 302.41'

EOT @ 5628.38'; TA @ 5530.7'

5-1/2" Shoe @ 6069.27'

PSTD @ 6045'

TVD @ 5935'

BHST = 170°F

MD @ 6084'

Well Name: GMBU K-14-9-16

43-013-52285

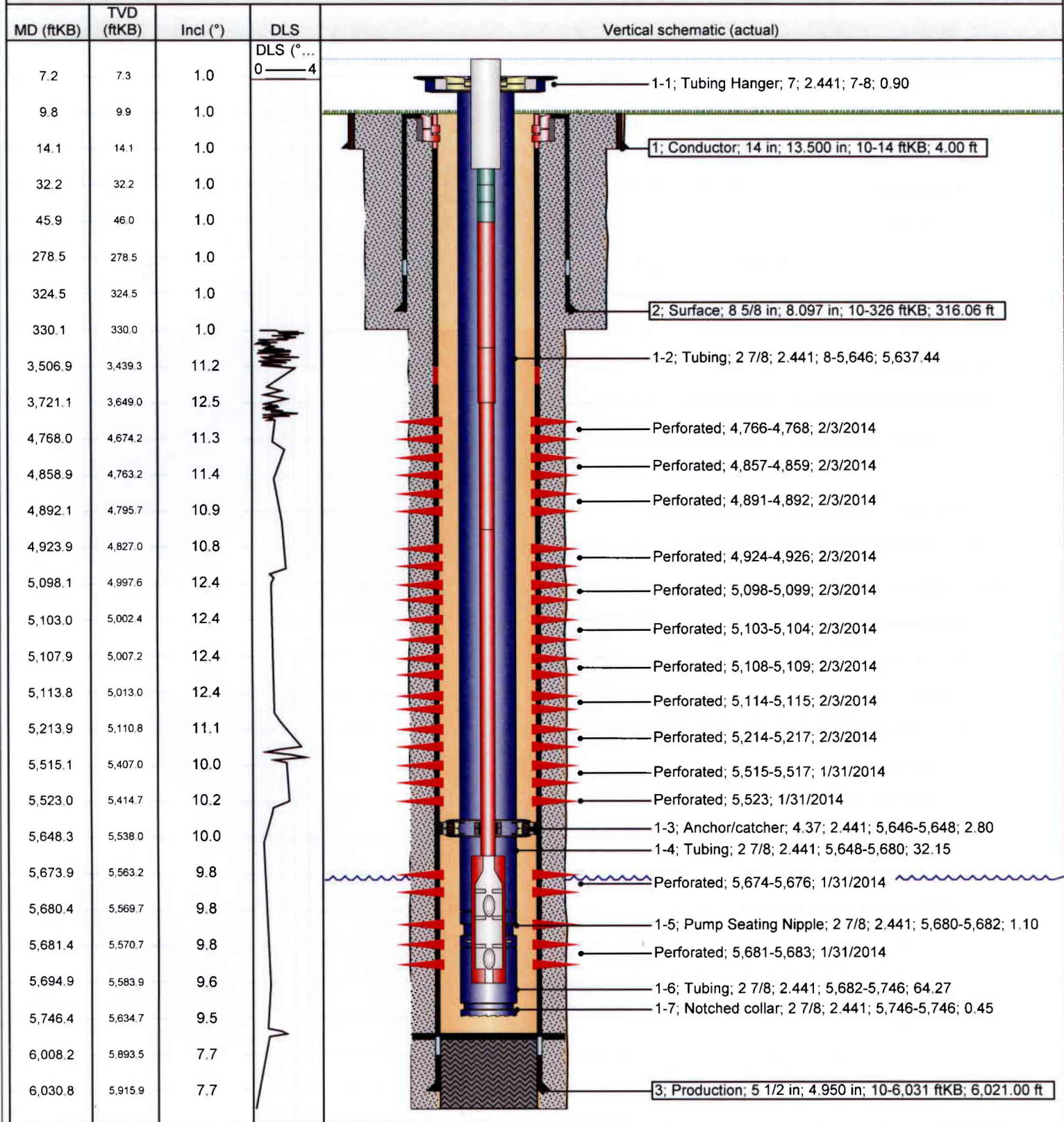
Surface Legal Location		API/UWI		Well RC	Lease	State/Province	Field Name	County
NWSW 2034 FSL 667 FWL Sec 13 T9S R16E Mer SLB		43013522850000		500360788	UTU64805	Utah	GMBU CTB5	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)		
12/27/2013	1/12/2014		5,564	5,554	Original Hole - 5,928.9	Original Hole - 6,006.6		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	1/31/2014	

TD: 6,044.0

Slant - Original Hole, 4/2/2014 2:52:54 PM



Jonah Fed LA-14-9-16

Spud Date: 12/19/2008
Put on Production: 1/27/2009
GL: 5606' KB: 5618'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315.79')
DEPTH LANDED: 326.79'
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: 158 jts (6047.44')
DEPTH LANDED: 6045.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sxs Prem-lite II & 415 sxs 50/50 POZ
CEMENT TOP: 104' per CBL 1/16/09

TUBING (KS 3/1/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 162 jts (5107.3')
TUBING ANCHOR: 5107.3' KB
NO. OF JOINTS: 1 jt (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5141.8'
NO. OF JOINTS: 2 jts (63.1')
NOTCHED COLLAR: 5206'
TOTAL STRING LENGTH: EOT @ 5206'

SUCKER RODS (KS 3/1/10)

POLISHED ROD: 1-1/2" x 26' Polished Rod
SUCKER RODS: 2', 6' x 7/8" Pony Rods, 201 x 7/8" 8per Guided Rods,
4 x 1-1/2" Sinker Bars
PUMP SIZE: 1 1/2" x 1 3/4" x 20' RHAC central hydraulic pump
STROKE LENGTH: 124"
PUMP SPEED, SPM: 3.0
PUMPING UNIT: DARCO C-456-305-144

FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
49,252# 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi.
Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290
psi. Actual flush: 4624 gals.

1/20/09 5020-5026' Frac A.5 sds as follows:
24,711# 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi.
Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411
psi. Actual flush: 4515 gals.

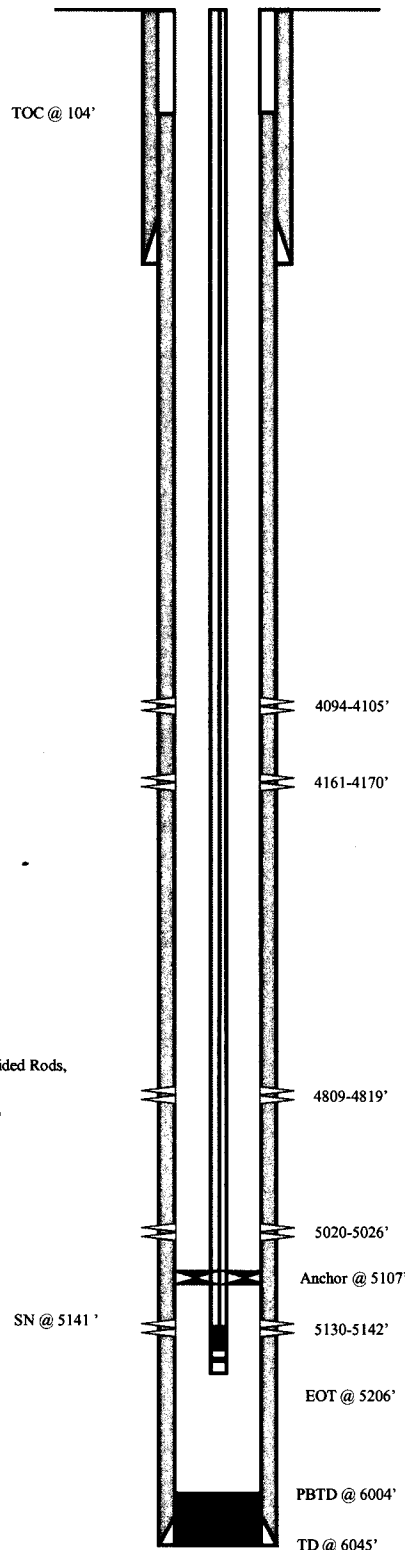
1/20/09 4809-4819' Frac C sds as follows:
24,955# 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi.
Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472
psi. Actual flush: 4221 gals.

1/20/09 4161-4170' Frac GB6 sds as follows:
55,178# 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi.
Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734
psi. Actual flush: 3738 gals.

1/20/09 4094-4105' Frac GB4 sds as follows:
69,186# 20/40 sand in 552 bbls of Lightning 17 fluid. Broke @ 2614 psi.
Treated w/ ave pressure of 2200 psi w/ ave rate of 23.1 BPM. ISIP 1915
psi. Actual flush: 4007 gals.

03/03/2010

Pump Maintenance. Update rod and tubing
details.

PERFORATION RECORD

1/20/09	4094-4105'	4 JSPF	44 holes
1/20/09	4161-4170'	4 JSPF	36 holes
1/20/09	4809-4819'	4 JSPF	40 holes
1/20/09	5020-5026'	4 JSPF	24 holes
1/20/09	5130-5142'	4 JSPF	48 holes

NEWFIELD**Jonah LA-14-9-16**

1906' FNL & 732' FEL

SE/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34164 ; Lease # UTU-096550

KS 8/10/12

Jonah Federal 9-14-9-16

Spud Date: 05/13/05
 Put on Production: 06/15/05
 GL: 5571' KB: 5583'

Initial Production: 46 BOPD,
 111 MCFPD, 45 BWPD

SURFACE CASING

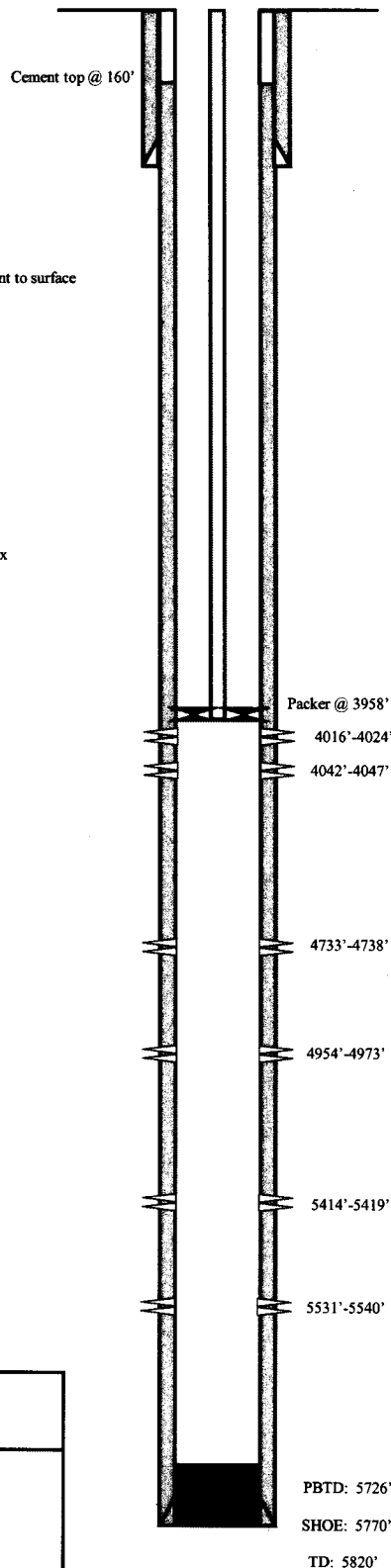
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.57')
 DEPTH LANDED: 314.57'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5772.05')
 DEPTH LANDED: 5770.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix
 CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55
 NO. OF JOINTS: 121 jts. (3937.79')
 NO. OF JOINTS: 1 jt. (32.55')
 SN LANDED AT: 1.10' (3954')
 NO. OF JOINTS: 2 jts. (65.66')
 TOTAL STRING LENGTH EOT: 3958'

**Injection Wellbore
Diagram****FRAC JOB**

06/07/05	5414'-5540'	Frac CP4 and CP2 sand as follows: 40,739#s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal. Actual flush: 5166 gal.
06/07/05	4954'-4973'	Frac A3 sand as follows: 70,185#s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. ISIP 2170 psi. Calc flush: 4952 gal. Actual flush: 4704 gal.
06/08/05	4733'-4738'	Frac B1 sand as follows: 20,210#s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal.
06/08/05	4016'-4047'	Frac GB6 sand as follows: 38,754#s of 20/40 sand in 347 bbls lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal.
10-23-06		Well Converted to Injection Well.
11-10-06		MIT to complete Conversion.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

NEWFIELD**Jonah Federal 9-14-9-16**

1785' FSL & 508' FEL

NE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API 43-013-32661; Lease UTU-096550

Jonah Federal 10-14-9-16

Spud Date: 5-18-05

Put on Production: 6-23-05

GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
22 MCFD, 232 BWPDInjection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (303')

DEPTH LANDED: 314.85' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (5796.74')

DEPTH LANDED: 5809.99' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.

CEMENT TOP AT: 90'

TUBING

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

NO. OF JOINTS: 120 jts (3904')

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

SN LANDED AT: 3916' KB

RET HEAD AT: 3917.1'

ARROW #1 PACKER CE AT: 3922'

XO 2-3/8 x 2-7/8 J-55 AT: 3926'

TBG PUP 2-3/8 J-55 AT: 3926.5'

X/N NIPPLE AT: 3930.6'

TOTAL STRING LENGTH: EOT @ 3932.17'

FRAC JOB

6-15-05 5109-5139'

Frac LODC sand as follows:40770#s 20/40 sand in 380 bbls Lightning
17 frac fluid. Treated @ avg press of 3040 psi
w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc
flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007'

Frac A3 sand as follows:110,559#s 20/40 sand in 774 bbls Lightning
17 frac fluid. Treated @ avg press of 1950 psi
w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc
flush: 4978 gal. Actual flush: 4746 gal.

6-16-05 4808-4817'

Frac B2, sand as follows:40877#s 20/40 sand in 371 bbls Lightning
17 frac fluid. Treated @ avg press of 2399 psi
w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc
flush: 4806 gal. Actual flush: 4536 gal.

6-16-05 3937-3946'

Frac GB2 sand as follows:29376#s 20/40 sand in 281 bbls Lightning
17 frac fluid. Treated @ avg press of 1585 psi
w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc
flush: 3935 gal. Actual flush: 3864 gal.

04/24/06

Pump Change. Update rod and tubing details.

6/11/08

Pump Change. Updated rod and tubing detail

12/28/10 4055-4070'

Frac GB6 sands as follows: Frac with
46694# 20/40 sand in 262 bbls Lightning 17
fluid.

12/29/10

Re-Completion finalized - updated tbg and
rod details.

06/25/13

Convert to Injection Well

06/28/13

Conversion MIT Finalized - update tbg
detail

SN @ 3916'

Ret Head @ 3917'

Packer @ 3922'

X/N Nipple @ 3931'
EOT @ 3932'

3937-3946'

4055-4060'

4066-4070'

4653-4663'

4808-4817'

4980-5007'

5109-5113'

5131-5139'

PBSD @ 5766'
SHOE @ 5810'
TD @ 5862'PERFORATION RECORD

6-10-05	5131-5139'	4 JSPF	32 holes
6-10-05	5109-5113'	4 JSPF	16 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes
6-16-05	3937-3946'	4 JSPF	36 holes
12-28-10	4066-4070'	3 JSPF	12 holes
12-28-10	4055-4060'	3 JSPF	15 holes

NEWFIELD

Jonah Federal 10-14-9-16

1730' FSL & 1820' FEL

NW/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32662; Lease #UTU-096547

Spud Date: 10-14-05
 Put on Production: 11-14-05
 GL: 5626' KB: 5638'

Jonah Federal 16-14-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.62')
 DEPTH LANDED: 310.02' 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: 130 jts. (5790.42')
 DEPTH LANDED: 5803.67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 123 jts (3956.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3968.9' KB
 ON/OFF TOOL AT: 3970.0'
 ARROW #1 PACKER CE AT: 3975.9'
 XO 2-3/8 x 2-7/8 J-55 AT: 3979.0'
 TBG PUP 2-3/8 J-55 AT: 3979.5'
 X/N NIPPLE AT: 3983.7'
 TOTAL STRING LENGTH: EOT @ 3985.19'

FRAC JOB

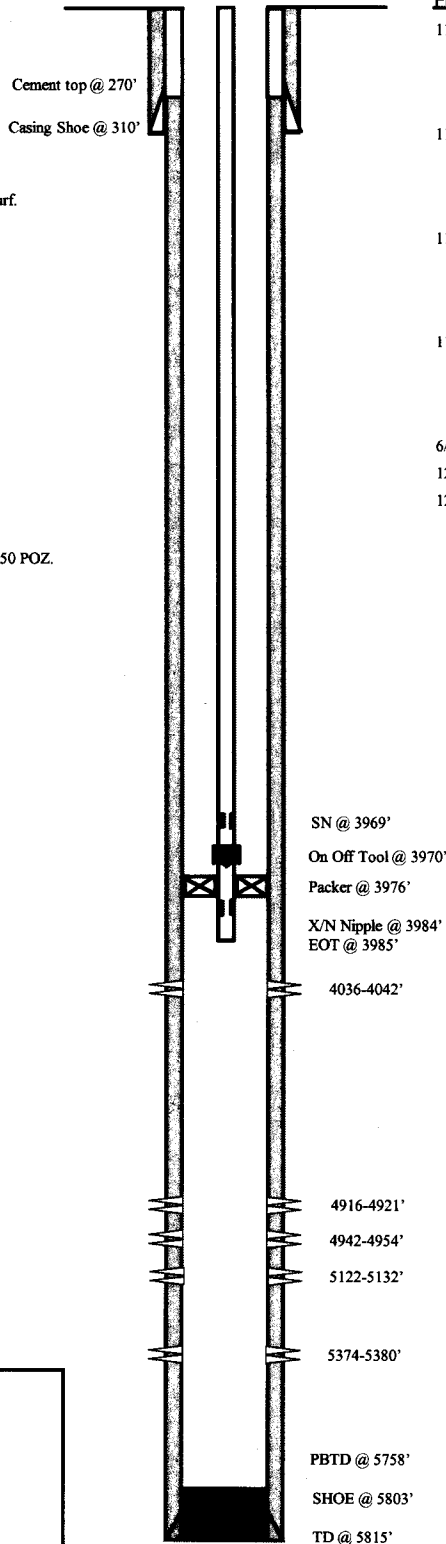
11-08-05	5374-5380'	Frac CP2 sands as follows: 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.
11-08-05	5122-5132'	Frac LODC sands as follows: 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.
11-09-05	4916-4954'	Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.
11-09-5	4036-4042'	Frac GB6 sands as follows: 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.
6/8/09		Pump Change. Updated rod & tubing details.
12/19/12		Convert to Injection Well
12/20/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 16-14-9-16
 657' FSL & 758' FEL
 SE/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32698; Lease #UTU-096547



Jonah Unit #8-14

Spud Date: 5/22/98

Put on Production: 6/22/98
GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 291'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5677')
DEPTH LANDED: 5688' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 127 jts (1992.0')
TUBING ANCHOR: 5020'
NO. OF JOINTS: 1 jt (62.5')
SEATING NIPPLE: 5-1/2" (1.10')
SN LANDED AT: 5086'
NO. OF JOINTS: 2 jt (62.5')
TOTAL STRING LENGTH: EOT @ 5152'

SUCKER RODS

POLISHED ROD:
SUCKER RODS: 55- 3/4" guided rods, 97- 3/4" guided rods, 4- 3/4" guided rods, 4- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
STROKE LENGTH: ?
PUMP SPEED, SPM: ?
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/98 5046'-5072' **Frac A-3 sand as follows:**
114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64 choke for 3 hours and died.

6/16/98 4749'-4759' **Frac C sand as follows:**
113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' **Frac GB sand as follows:**
96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

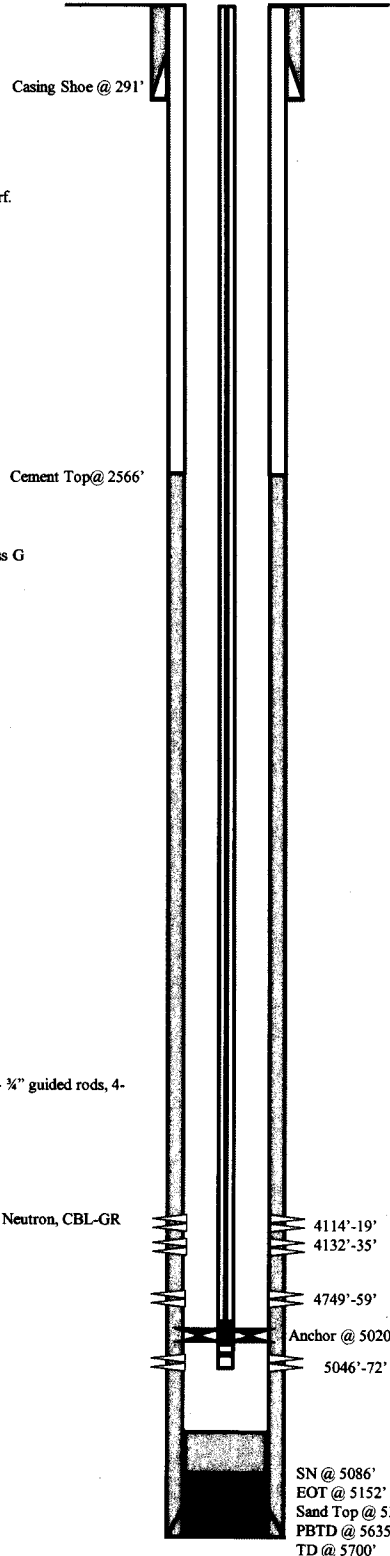
7/9/2010

NOTE:

Workover. Updated rod and tubing detail.
The LA-14-9-16 runs diagonally across this well location which places the beginning joints at a 1992' depth and renders placement of the anchor at a deeper depth.

PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



SN @ 5086'
EOT @ 5152'
Sand Top @ 5351'
PBTB @ 5635'
TD @ 5700'

NEWFIELD

Jonah Unit #8-14
1882 FNL 773 FEL
SENE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32054; Lease #U-096550

ML 7/22/10
4/2/2014

Pan American 1FR-9-16

Spud Date: 1/5/06

Put on Production: 2/9/06

GL: 5529' KB: 5541'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 309'
HOLE SIZE: 15"
CEMENT DATA: 230 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts. (5479.96')
DEPTH LANDED: 5477.96' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 500 sxs 50/50 POZ.
CEMENT TOP AT: 1290'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
TBG HANGER 2-7/8" (0.9)
NO. OF JOINTS: 60 jts (1910.6')
HRP PACKER 5-1/2 x 2-7/8 CE @ 1926'
NO. OF JOINTS: 5 jt (162.7)
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 2092.4' KB
PERFORATED PUP 2-7/8" J-55 AT: 2093.5'
PBR SUB 2-7/8" AT: 2099.7'
NO. OF JOINTS: 59 jts (1845.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3949.7' KB
ARROW #1 PACKER CE AT: 3954'
RE ENTRY GUIDE AT: 3957.7'
TOTAL STRING LENGTH: EOT @ 3958.19'

INNER STRING

Tbg Hanger & XO 1.9" tbg
NO. OF JOINTS: 62 jt (2056')
PBR STINGER AT: 2067'

FRAC JOB

2/6/06 5038'-5080' **Frac A1&3 sands as follows:**
70,448# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5036 gal. Actual flush: 5040 gal.

2/6/06 4742'-4750' **Frac C sands as follows:**
34,710# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 1978 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

2/6/06 4300'-4314' **Frac PB10 sands as follows:**
35,142# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 24.8 BPM. ISIP 2060 psi. Calc flush: 4298 gal. Actual flush: 4326 gal.

2/6/06 4044'-4110' **Frac GB6 sands as follows:**
67,736# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 1805 w/avg rate of 24.9 BPM. ISIP 1820 psi. Calc flush: 4042 gal. Actual flush: 3906 gal.

12/13/06 **Pump Change:** Rod & Tubing detail updated.

10/28/13 **Anguard**
Rigged up Halliburton, Mixed 50 BBLS of PKR Fluid pumped down CSG, Flushed Pump Lines, Mixed 30 BBLS of Anguard, Pumped Down CSG Displaced W/ 14.56 BBLS Placed Over Hole from 1882'-1892'

Conversion MIT Finalized - update tbg detail

Cement Top @ 1290'

Casing Hole Between
1882' - 1892'

Perforated Pup @ 2093'

HRP Packer @ 1926'

1.9 PBR Stinger @ 2067'
EOT 1.9 @ 2072' 11/15/13
SN Nipple @ 2092'SN @ 3950'
Packer @ 3954'
EOT 2-7/8 @ 3958'

4044'-4066'

4094'-4098'

4104'-4110'

4300'-4314'

4742'-4750'

5038'-5046'

5064'-5080'

PBT @ 5434'

TD @ 6000'

PERFORATION RECORD

2/1/06	5064'-5080'	4 JSPF	64 holes
2/1/06	5038'-5046'	4 JSPF	32 holes
2/6/06	4742'-4750'	4 JSPF	32 holes
2/6/06	4300'-4314'	4 JSPF	56 holes
2/6/06	4104'-4110'	4 JSPF	24 holes
2/6/06	4094'-4098'	4 JSPF	16 holes
2/6/06	4044'-4066'	4 JSPF	88 holes

NEWFIELD**Pan American 1FR-9-16**

663' FNL & 663' FWL

NW/NW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-10822; Lease #UTU-75039

GMBU A-14-9-16

Spud Date: 6/3/2013
Put on Production: 7/19/2013
GL: 5532' KB: 5542'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (302')
DEPTH LANDED: 302'
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs Class "G" cmt. To surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6121')
DEPTH LANDED: 6121'
HOLE SIZE: 7-7/8"
CEMENT DATA: 210 sk PREMLITE & 450 sxs 50/50 POZ
CEMENT TOP AT: 78'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 15.5#
NO. OF JOINTS: 182 jts (5709.7')
TUBING ANCHOR: 5720'
NO. OF JOINTS: 1 - 2 7/8" (31.5')
SEATING NIPPLE: 2 7/8" (1.1')
SN LANDED AT: 5753.9' KB
NO. OF JOINTS: 2 - 2 7/8" (62.8')
TOTAL STRING LENGTH: EOT @ 5818'

SUCKER RODS

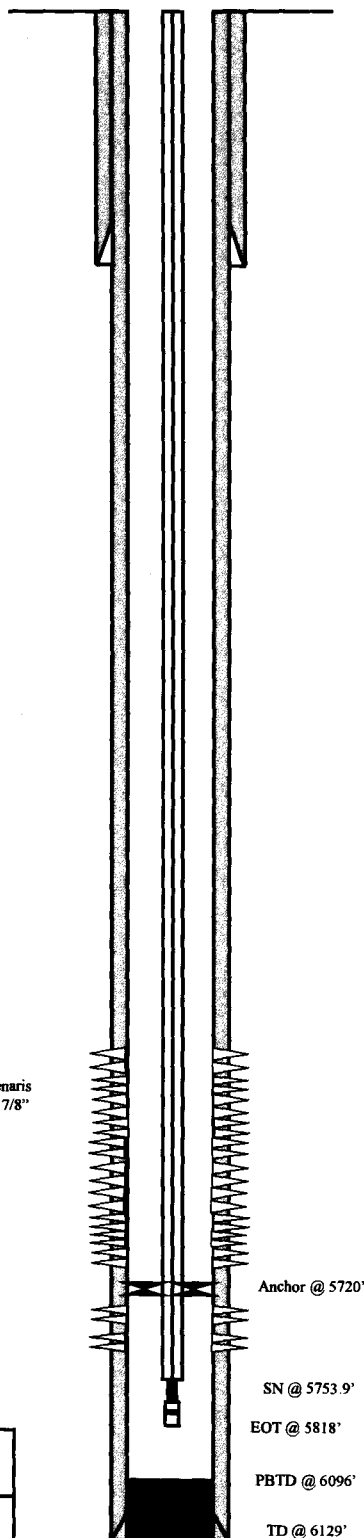
POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1-2', 6', 8' 7/8" Tenaris D78 pony rods; 72 - 7/8" Tenaris D78 4per Guided rods, 126 - 3/4" Tenaris D78 4per Guided rods; 30 - 7/8" Tenaris D78 8per Guided Rods
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC
STROKE LENGTH: 144"
PUMP SPEED, SPM: 4 SPM

FRAC JOB

07/09/13	5596' - 5748'	Frac CP-4 & 1 sands as follows: 31,222# 20/40 sand in 185 bbls #17 Liner gel) fluid.
07/12/13	5169' - 5330'	Frac LODC & A3 sands as follows: 77262 #20/40 sand in 439 bbls #17 (Linear gel).
07/12/13	4756' - 4764'	Frac D3 sands as follows: 26319# 20/40 sand in 171 #17 (Linear gel) bbls.
07/12/13	4392' - 4406'	Frac PB10 sands as follows: 35,673 #20/40 sand in 238.75 #17 (Linear gel)
07/12/13	4155' - 4184'	Frac GB6 as follows: 93193# 20/40 sand in 561.3 bbls #17 (Linear gel)

PERFORATION RECORD

4155-4157	2 SPF	4 HOLES
4162-4164	2 SPF	4 HOLES
4174-4176	2 SPF	4 HOLES
4182-4184	2 SPF	4 HOLES
4392-4394	3 SPF	6 HOLES
4404-4406	3 SPF	6 HOLES
4756-4758	3 SPF	6 HOLES
4762-4764	3 SPF	6 HOLES
5169-5170	3 SPF	3 HOLES
5175-5176	3 SPF	3 HOLES
5181-5182	3 SPF	3 HOLES
5326-5330	3 SPF	12 HOLES
5596-5597	2 SPF	2 HOLES
5602-5603	2 SPF	2 HOLES
5742-5744	2 SPF	4 HOLES
5746-5748	2 SPF	4 HOLES



NEWFIELD

GMBU A-14-9-16

682' FNL & 673' FWL

NW/SW Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-51675; LEASE #: UTU-75039

NEWFIELD

Schematic

43-013-52238

Well Name: GMBU R-13-9-16

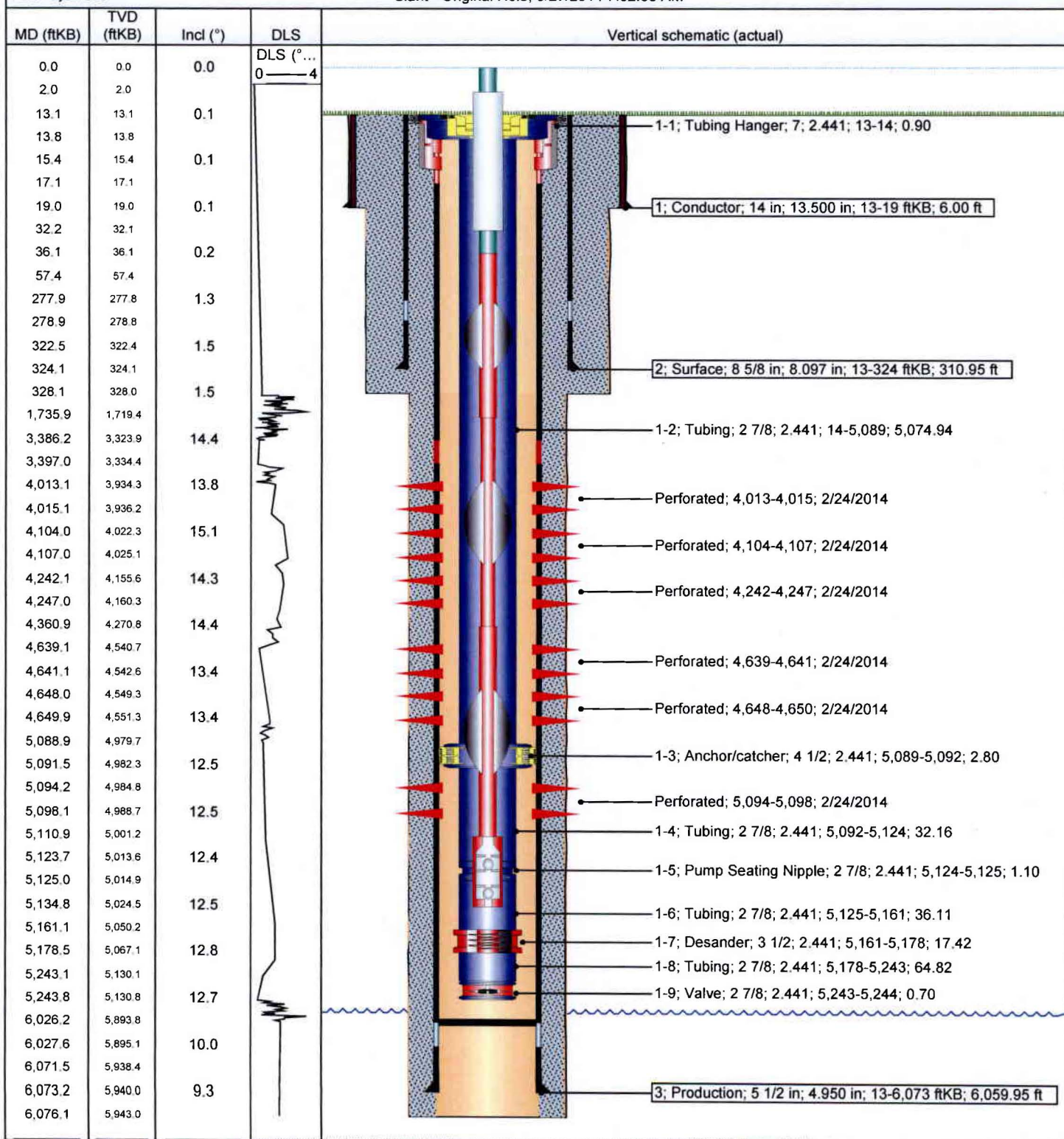
Surface Legal Location NESW 1873 FSL 2093 FWL Sec 13 T9S R16E Mer SLB			API/UWI 43013522380000	Well RC 500346534	Lease UTU64805	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 1/15/2014	Rig Release Date 2/7/2014	On Production Date 3/4/2014	Original KB Elevation (ft) 5,559	Ground Elevation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

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/24/2014	Job End Date 2/28/2014
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TD: 6,076.0

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



43-013-52284

Well Name: GMBU C-24-9-16

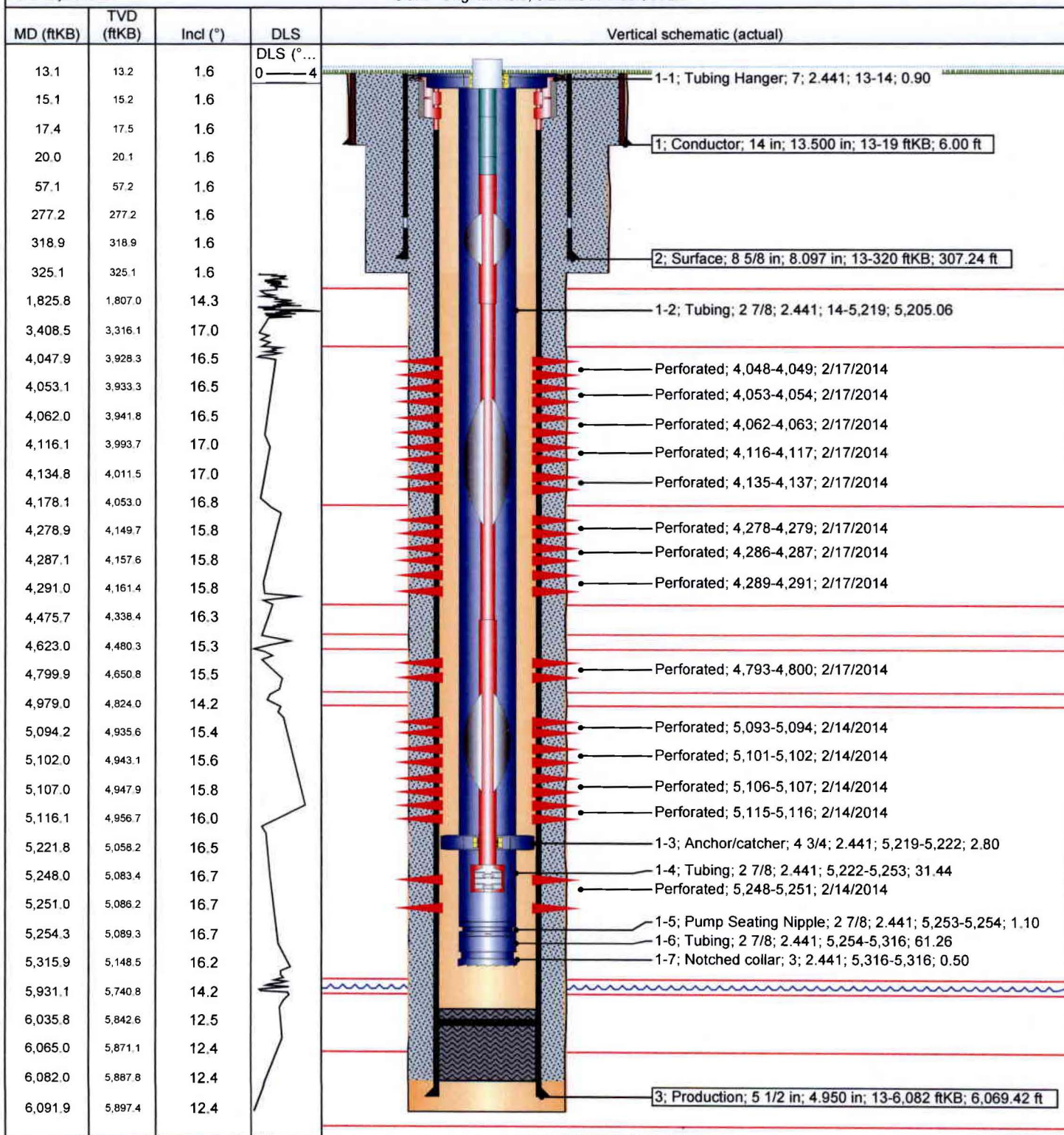
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
SESW 787 FSL 1935 FWL Sec 13 T9S R16E Mer SLB		43013522840000	500360790	UTU64805	Utah	GMBU CTB5	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,035.8
1/17/2014	1/30/2014	2/26/2014	5,595	5,582	Original Hole - 5,897.6		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/14/2014	2/21/2014

TD: 6,092.0

Slant - Original Hole, 3/27/2014 7:00:34 AM



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 12-13-9-16**Sample Point: **Treater**Sample Date: **2/12/2014**Sample ID: **WA-265886**Sales Rep: **Pete Prodromides**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date: 2/18/2014		Cations		Anions	
System Temperature 1 (°F):	120	Sodium (Na):	8782.00	Chloride (Cl):	21000.00
System Pressure 1 (psig):	60	Potassium (K):	6220.00	Sulfate (SO4):	1286.00
System Temperature 2 (°F):	210	Magnesium (Mg):	135.00	Bicarbonate (HCO3):	488.00
System Pressure 2 (psig):	60	Calcium (Ca):	827.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.023	Strontium (Sr):	42.00	Acetic Acid (CH3COO)	
pH:	6.50	Barium (Ba):	1.10	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	38861.98	Iron (Fe):	49.60	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.47	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.19	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	0.00	Manganese (Mn):	2.80	Silica (SiO2):	27.82

Notes:

B=13 AL=.07 LI=3.1

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.91	73.74	0.58	0.48	0.00	0.00	1.56	34.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.83	68.71	0.60	0.49	0.00	0.00	1.49	33.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.76	63.51	0.62	0.50	0.00	0.00	1.42	33.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.68	58.16	0.65	0.51	0.00	0.00	1.35	32.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.61	52.69	0.68	0.52	0.00	0.00	1.28	32.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.54	47.14	0.72	0.53	0.00	0.00	1.20	31.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.47	41.53	0.76	0.54	0.00	0.00	1.12	30.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.40	35.91	0.81	0.55	0.00	0.00	1.04	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.33	30.33	0.86	0.56	0.00	0.00	0.96	28.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.27	24.82	0.91	0.57	0.00	0.00	0.88	27.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

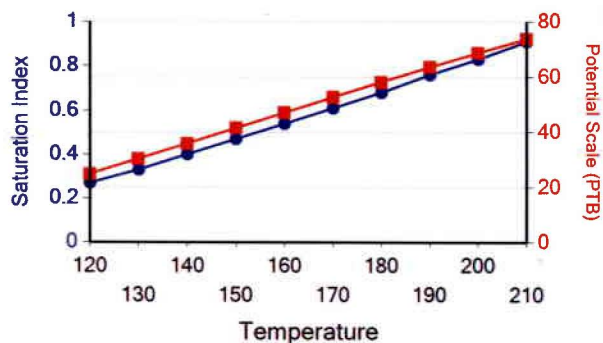
Water Analysis Report

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	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.68	26.70
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.23	25.44
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.77	23.89
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	22.05
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.85	19.91
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	17.46
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	14.72
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	11.71
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	8.48
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	5.05

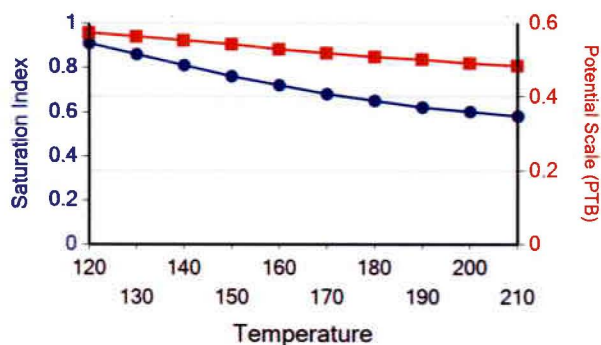
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Fe Silicate

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

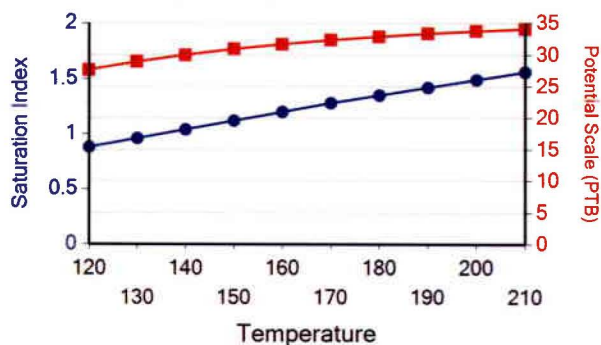
Calcium Carbonate



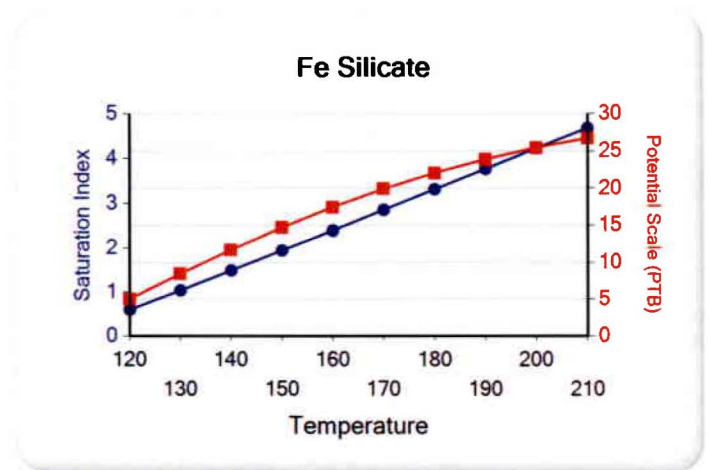
Barium Sulfate



Iron Carbonate



Water Analysis Report



4 of 7

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Jacob Bird**Well Name: **BELUGA INJ FACILITY**Lab Tech: **Gary Winegar**Sample Point: **Commingle After**Sample Date: **11/4/2013**Sample ID: **WA-257478**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

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

Notes:

B=4.9 AI=.07 LI=.58

(PTB = Pounds per Thousand Barrels)

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

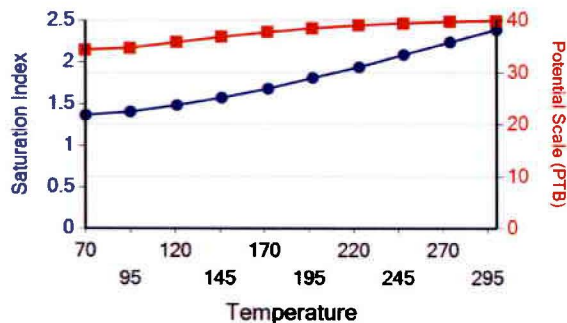
Water Analysis Report

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
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.09	12.71	0.03	0.28	1.78	0.00	0.00	5.30	0.94
95.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.16	11.88	0.03	1.28	6.70	0.20	1.31	5.82	0.95
121.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.20	11.19	0.03	2.42	11.92	0.83	4.31	6.53	0.95
146.00	443.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.21	10.60	0.03	3.60	16.34	1.49	6.86	7.30	0.95
172.00	585.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.21	10.11	0.03	4.78	19.10	2.16	8.69	8.11	0.95
197.00	728.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.22	9.69	0.03	5.93	20.16	2.83	9.75	8.94	0.96
223.00	871.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.22	9.33	0.03	7.06	20.43	3.49	10.27	9.76	0.96
248.00	1014.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.22	9.03	0.03	8.12	20.49	4.12	10.50	10.55	0.96
274.00	1157.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.22	8.76	0.03	9.12	20.50	4.71	10.60	11.29	0.96
300.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.22	8.53	0.03	10.04	20.50	5.25	10.64	11.98	0.96

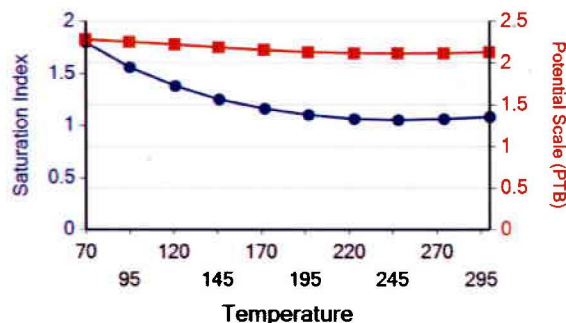
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

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

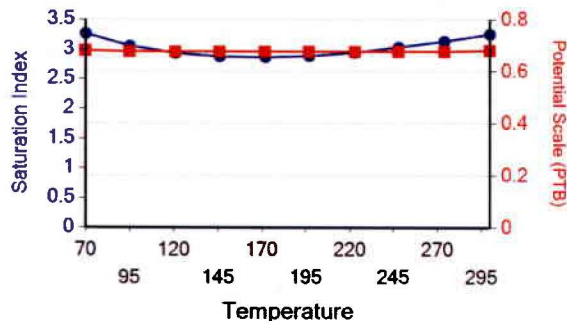
Calcium Carbonate



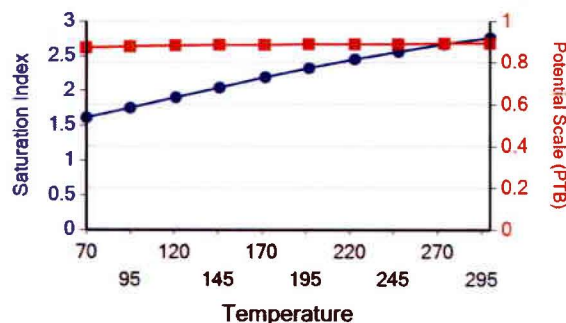
Barium Sulfate



Iron Sulfide

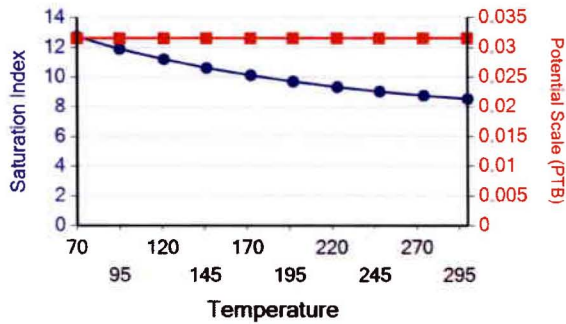


Iron Carbonate

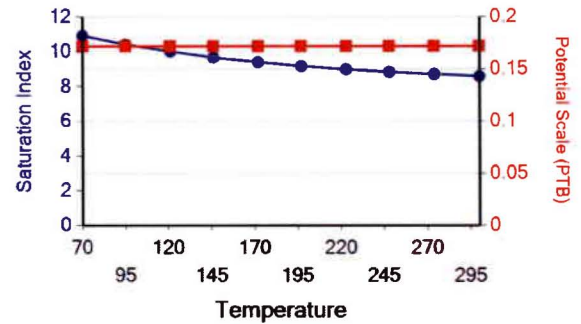


Water Analysis Report

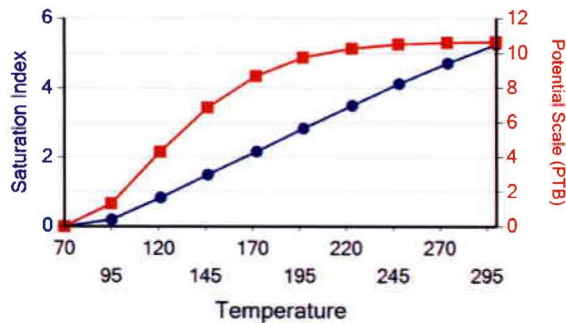
Lead Sulfide



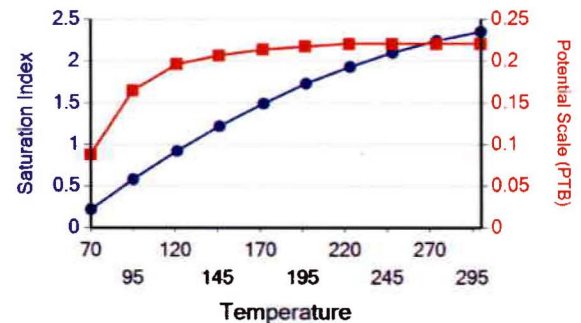
Zinc Sulfide



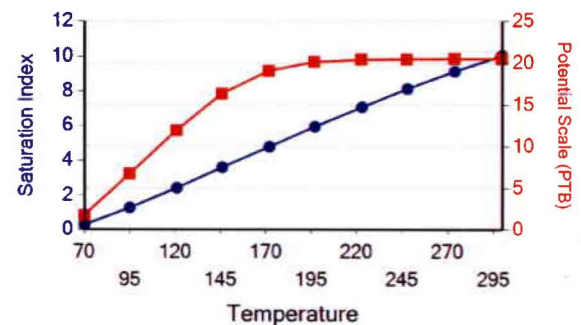
Ca Mg Silicate



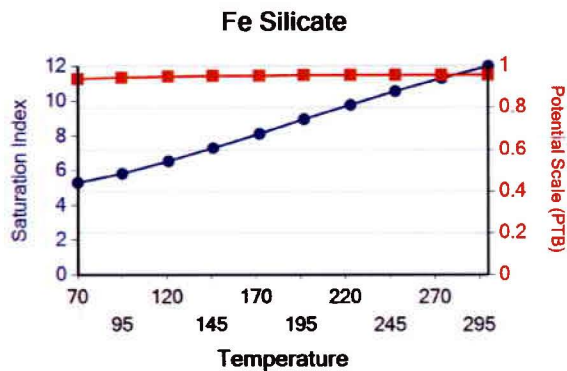
Zinc Carbonate



Mg Silicate



Water Analysis Report



Attachment "G"

**Federal #12-13-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5376	5429	5403	2250	0.85	2215
4944	4958	4951	2270	0.89	2238
4742	4748	4745	1980	0.85	1949
4000	4035	4018	1850	0.90	1824
				Minimum	<u>1824</u>

Calculation of Maximum Surface Injection Pressure

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 12-23-9-16 Report Date: 5/14/2008 Day: 1
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 332' Prod Csg: 5-1/2" @ 5791' Csg PBTD: 5704' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A3 sds	4902-4926'	4/96			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/13/2008 SITP: SICP: 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg 8 casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5704' & cement top @ 104'. Perforate stage #1, A3 sds @ 4902-26' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 96 shots. 136 BWTR. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 136 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
 Company:

Procedure or Equipment detail:

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

Completion Supervisor: Don Dulen

DAILY COST: \$0
 TOTAL WELL COST:

DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16

Report Date: 5-Nov-05

Day: 01

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315'

Prod Csg: 5-1/2" @

5669'

Csg PBTD: 5585'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 04-Nov-05

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5585' & cement top @ 250'. Perforate stage #1, CP1 sds @ 5376- 5384', CP2 sds @ 5423- 5429' w/ 4" Port guns (19 gram, .46"HE. 120°) w/ 4 spf for total of 56 shots. 141 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 141

Cum oil recovered:

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

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16 Report Date: 17-Nov-05 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' Prod Csg: 5-1/2" @ 5669' Csg PBTD: 5585'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Nov-05 SITP: SICP: 5 psi

Day 2a.

RU BJ's "Ram head". RU BJ Services. Open up well w/ 5 psi. Frac CP2 & CP1 sds w/ 50,812#'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Broke @ 2900 psi. Treated w/ ave pressure of 2030 psi @ ave rate of 25.1 BPM. ISIP 2250 psi. Leave pressure on well. 575 bbls EWTR.

See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 Starting oil rec to date:
 Fluid lost/recovered today: 434 Oil lost/recovered today:
 Ending fluid to be recovered: 575 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 & 2 sds down casing

3800 gals of pad

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

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

1265 gals w/ 8 ppg of 20/40 sand

210 gals of 15% HCL acid.

Flush w/ 5078 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2310 Max Rate: 25.3 BPM Total fluid pmpd: 434 bbls

Avg TP: 2030 Avg Rate: 25.1 BPM Total Prop pmpd: 50,812#'s

ISIP: 2250 5 min: 10 min: FG: .85

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:

NEWFIELD



ATTACHMENT G-1

3 OF 9

DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16 **Report Date:** 17-Nov-05 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' **@** 315' **Prod Csg:** 5-1/2" **@** 5669' **Csg PBD:** 5585'WL
Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBD:** 4850'
BP: 5050'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>B.5 sds</u>	<u>4742- 4748'</u>	<u>4/24</u>	<u> </u>	<u> </u>	<u> </u>
<u>A1 sds</u>	<u>4944- 4958'</u>	<u>4/56</u>	<u> </u>	<u> </u>	<u> </u>
<u>CP1</u>	<u>5376- 5384'</u>	<u>4/32</u>	<u> </u>	<u> </u>	<u> </u>
<u>CP2</u>	<u>5423- 5429'</u>	<u>4/24</u>	<u> </u>	<u> </u>	<u> </u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Nov-05 **SITP:** **SICP:** 2046 psi

Day 2b.

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug & 14' perf gun. Set plug @ 5050'. Perforate A1 sds @ 4944- 4958', All 4 SPF for a total of 56 holes. RU BJ Services. Pressured up to 4200 psi. Would not breakdown. RU Black Warrior. Dump bail acid on A1 sds. RU BJ Services. Frac A1 sds w/ 80,407#'s of 20/40 sand in 591 bbls of Lightning 17 fluid. Broke @ 3120 psi. Treated w/ ave pressure of 2025 psi @ ave rate of 25 BPM. ISIP 2270 psi. RU Black Warrior WL. RIH w/ Weatherford 5 1/2" composite flow through plug & 6' perf gun. Set plug @ 4850'. Perforated B.5 sds @ 4742- 4748'. RD WL. SIWFN w/ 1166 bbls EWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 575 **Starting oil rec to date:**
Fluid lost/recovered today: 591 **Oil lost/recovered today:**
Ending fluid to be recovered: 1166 **Cum oil recovered:**
IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: A1 sds down casing

6000 gals of pad

4000 gals w/ 1- 5 ppg of 20/40 sand

8000 gals w/ 5- 8 ppg of 20/40 sand

1912 gals w/ 8 ppg of 20/40 sand

210 gals of 15% HCL acid.

Flush w/ 4700 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2370 **Max Rate:** 25.4 BPM **Total fluid pmpd:** 591 bbls

Avg TP: 2025 **Avg Rate:** 25 BPM **Total Prop pmpd:** 80,407#'s

ISIP: 2270 **5 min:** **10 min:** **FG:** .89

Completion Supervisor: Orson Barney

DAILY COST: **\$0**

TOTAL WELL COST:

DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16 Report Date: 18-Nov-05 Day: 3a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' Prod Csg: 5-1/2" @ 5669' Csg PBTD: 5585'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4140'
 BP: 5050', 4850'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 17-Nov-05 SITP: SICP: 923

Day 3a.

RU BJ Services. Pressured up to 4200 psi, Would not breakdown. RU Black Warrior. Dump bail acid on B.5 sds RU BJ Services. Frac stage #3 w/ 25,030#'s of 20/40 sand in 323 bbls of Lightning 17 fluid. Open well w/ 355 psi Broke @ 3565 psi, back to 1770 psi. Treated w/ ave pressure of 2055 psi @ ave rate of 25.1 BPM w/ 6.5 ppg sand Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP 1980 psi. 1489 bbls EWTR. Leave pressure on well. RL WLT. RIH w/ frac plug & 15' perf gun. Set plug @ 4140'. Perforated GB6 sds @ 4020-4035' & GB4 sds @ 4000-4010' w/ 4 spf for total of 100 shots. See day3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1166 Starting oil rec to date:
 Fluid lost/recovered today: 323 Oil lost/recovered today:
 Ending fluid to be recovered: 1489 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: B.5 sds down casing

COSTS

3024 gals of pad

1915 gals w/ 1- 4 ppg of 20/40 sand

3671 gals w/ 4-6.5 ppg of 20/40 sand

210 gals of 15% HCL acid.

Flush w/ 4746 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2295 Max Rate: 25.3 BPM Total fluid pmpd: 323 bbls

Avg TP: 2055 Avg Rate: 25.1 BPM Total Prop pmpd: 25,030#'s

ISIP: 1980 5 min: 10 min: FG: .85

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST:

DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16

Report Date: 18-Nov-05

Day: 3b

Operation: Completion

Rlg: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315'

Prod Csg: 5-1/2" @ 5669'

Csg PBTD: 5585'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4140'

BP: 5050', 4850'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 17-Nov-05

SITP: SICP: 923

Day 3b.

RU BJ Services. Frac stage #4 w/ 112,538#'s of 20/40 sand in 755 bbls of Lightning 17 fluid. Open well w/ 1395 psi Broke @ 4050 psi, back to 1390 psi. Treated w/ ave pressure of 1673 psi @ ave rate of 25.2 BPM w/ 8 ppg sand ISIP 1850 psi. 2244 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 360 bbls rec'd SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2244

Starting oil rec to date:

Fluid lost/recovered today: 360

Oil lost/recovered today:

Ending fluid to be recovered: 1884

Cum oil recovered:

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

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 & GB4 sds down casing

8316 gals of pad

5625 gals w/ 1- 5 ppg of 20/40 sand

11250 gals w/ 5-8 ppg of 20/40 sand

2613 gals w/ 8 ppg of 20/40 sand

Flush w/ 3906 gals of slick water

Max TP: 1960 Max Rate: 25.4 Total fluid pmpd: 755 bbls

Avg TP: 1673 Avg Rate: 25.2 Total Prop pmpd: 112,538#'s

ISIP: 1850 5 min: 10 min: FG: .89

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16Report Date: Nov. 19, 2005Day: 04Operation: CompletionRig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 315'
Tbg: Size: 2 7/8 Wt: 6.5#Prod Csg: 5-1/2" @ 5669'
Grd: J-55 Pkr/EQT @: 1427'Csg PBDT: 5585'WL
BP/Sand PBDT: 4140'
BP: 5050', 4850'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 18, 2005SITP: SICP: 25

MIRU Western #3. Thaw wellhead & BOP W/ HO trk. Bleed pressure off well. Rec est 5 BTF. ND Cameron BOP & frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ new Weatherford 4 3/4" "chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg to 1427'. SIFN W/ est 1879 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1884Starting oil rec to date: Fluid lost/recovered today: 5Oil lost/recovered today: Ending fluid to be recovered: 1879Cum oil recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: Company: Procedure or Equipment detail: Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd: ISIP: 5 min: 10 min: FG: Completion Supervisor: Gary DietzDAILY COST: \$0TOTAL WELL COST:

NEWFIELD



ATTACHMENT G-1

7 OF 9

DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16

Report Date: Nov. 22, 2005

Day: 05

Operation: Completion

Rig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 315' Prod Csg: 5-1/2" @ 5669' Csg PBTD: 5585'WL
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4934' BP/Sand PBTD: 5050'
BP/Sand PBTD: 4967'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 21, 2005

SITP: 0 SICP: 25

Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed pressure off well. Rec est 5 BTF. Con't PU & TIH W/ bit & tbg f. 1427'. Tag fill @ 4030'. Tbg displaced 10 BW on TIH. RU power swivel. (Hydraulic failure--had to change out power swivels). C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4030', plug @ 4140' in 30 minutes; sd @ 4762', plug @ 4850' in 27 minutes. Tag sd @ 4954', C/O to 4967' & circ hole clean W/ nc fluid loss. RD swivel. Pull EOT to 4934'. SIFN W/ est 1864 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1879 Starting oil rec to date: _____
Fluid lost/recovered today: 15 Oil lost/recovered today: _____
Ending fluid to be recovered: 1864 Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: _____ Job Type: _____
Company: _____
Procedure or Equipment detail: _____

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary Dietz

DAILY COST: \$0

TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Federal 12-13-9-16Report Date: Nov. 23, 2005Day: 06Operation: CompletionRig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 315' Prod Csg: 5-1/2" @ 5669' Csg PBTD: 5622'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EQT @: 1752' BP/Sand PBTD: 5622'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 22, 2005

SITP: _____ SICP: _____

Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed pressure off well. Rec est 5 BTF. TIH W/ bit & tbg f/ 4934'. Tag fill @ 4967'. RU power swivel. C/O sd to plug @ 5050'. Drill out plug in 32 minutes. Hang back swivel & con't PU tbg Tag fill @ 5463'. PU swivel. Drill plug remains & sd to PBTD @ 5622'. Circ hole clean W/ no fluid loss. RD swivel Pull EOT to 5573'. RU swab equipment. IFL @ sfc. Made 15 swb runs rec 153 BTF W/ light gas, tr oil & no sand FFL @ 1900'. TIH W/ tbg. Tag PBTD @ 5622' (no new fill). Circ hole W/ clean wtr. Lost est 50 BW & rec 5 BO. LC excess tbg. TOH W/ tbg-LD bit. TIH W/ BHA & production tbg to 1752'. SIFN W/ est 1756 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1864 Starting oil rec to date: 0
 Fluid lost/recovered today: 108 Oil lost/recovered today: 5
 Ending fluid to be recovered: 1756 Cum oil recovered: 5
 IFL: sfc FFL: 1900' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

COSTS

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary Dietz

DAILY COST: _____ \$0

TOTAL WELL COST: _____



Day: 07

Rlg: Western #3

Surf Csg:	<u>8-5/8"</u>	@	<u>315'</u>	Prod Csg:	<u>5-1/2"</u>	@	<u>5669'</u>	Csg PBTD:	<u>5622'</u>
Tbg:	<u>Size: 2 7/8</u>		<u>Wt: 6.5#</u>	Grd:	<u>J-55</u>	Anchor @:	<u>5358'</u>	BP/Sand PBTD:	<u>5622'</u>

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4000-4010'	4/40			
GB6 sds	4020-4035'	4/60			
B.5 sds	4742- 4748'	4/24			
A1 sds	4944- 4958'	4/56			
CP1	5376- 5384'	4/32			
CP2	5423- 5429'	4/24			

SITP: 0 SICP: 0

FINAL REPORT!!

Starting fluid load to be recovered:	<u>1756</u>	Starting oil rec to date:	<u>5</u>		
Fluid lost /recovered today:	<u>0</u>	Oil lost /recovered today:	<u>0</u>		
Ending fluid to be recovered:	<u>1756</u>	Cum oil recovered:	<u>5</u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

KB	12.00'	1 1/2" X 22' polished rod		
166	2 7/8 J-55 tbg (5345.76')	1-2' X 3/4" pony rod		
	TA (2.80' @ 5357.76' KB)	100-3/4" scraped rods		
2	2 7/8 J-55 tbg (63.23')	100-3/4" plain rods		
	SN (1.10' @ 5423.79' KB)	10-3/4" scraped rods		
2	2 7/8 J-55 tbg (62.44')	6-1 1/2" weight rods		
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 16'		
EOT	5487.78' W/ 12' KB	RHAC pump W/ SM plunger		

Completion Supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3950'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 195' balance plug using 25 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 43 sx Class "G" cement down 5 ½" casing to 365'

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

Federal 12-13-9-16

Spud Date: 9-29-05
 Put on Production: 11-23-05
 GL: 5490' KB: 5502'

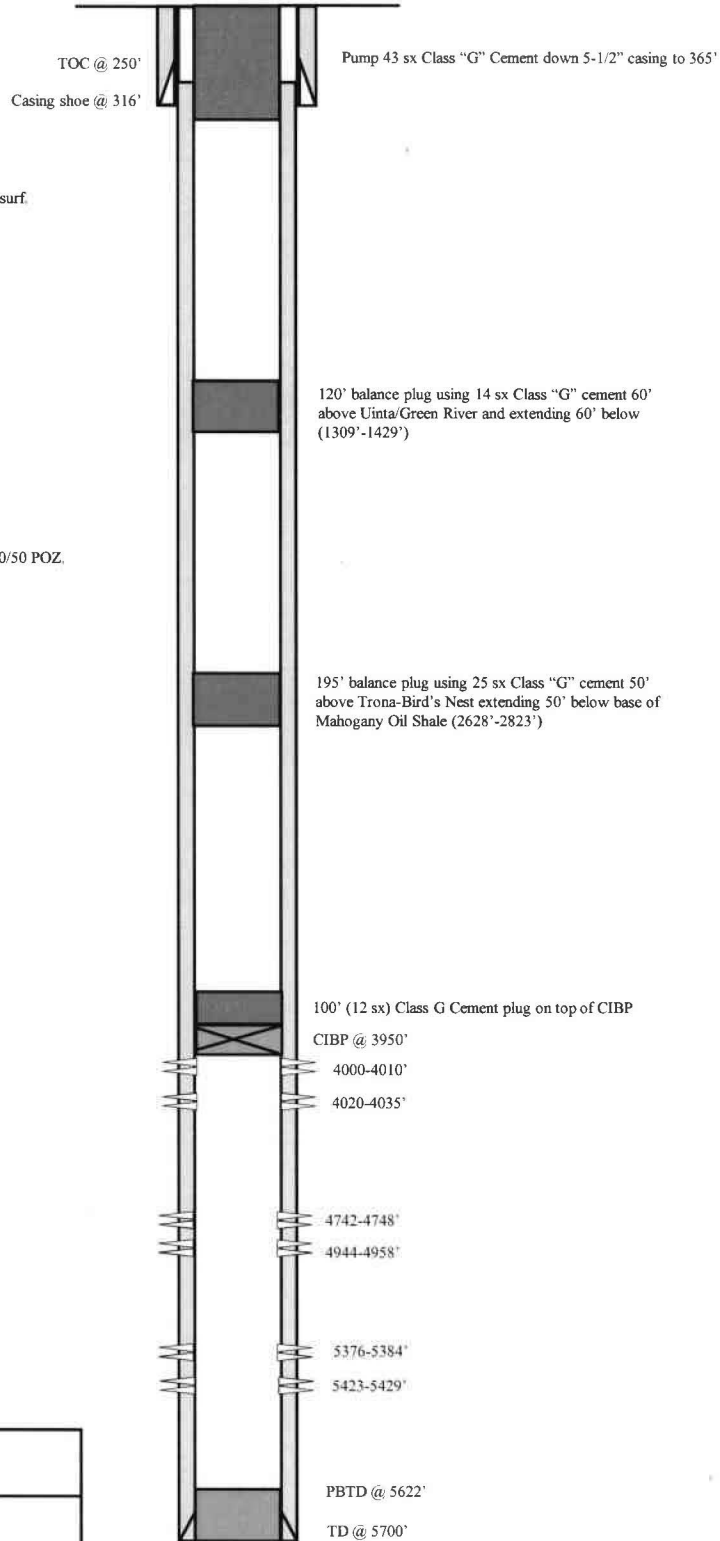
Initial Production: BOPD,
 MCFD, BWPD

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.74')
 DEPTH LANDED: 315.64' 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. (5714.51')
 DEPTH LANDED: 5668.64' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 250'



NEWFIELD

Federal 12-13-9-16

2018' FSL & 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

JL 3/19/2014

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64805
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: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		8. WELL NAME and NUMBER: Federal 12-13-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2018 FSL 651 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 Township: 9S Range: 16E Meridian: S		9. API NUMBER: 43013326510000
PHONE NUMBER: 435-646-4802		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/27/2019	<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 06/24/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/27/2019 the casing was pressured up to 1169 psig and charted for 15 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1679 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 August 20, 2019		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A		DATE 7/2/2019

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: 6-27-2019 Time: 12:36 am (pm)
Test Conducted By: EVERETT UNRUH
Others Present: _____

Well Name: <u>Federal 12-13-9-16</u>			
Field: <u>Monument Butte</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>NWSW</u> Sec: <u>13</u>	T <u>9</u>	N/S <u>16</u>	R <u>16</u> <u>(E/W)</u>
Operator: <u>Newfield</u>		API # <u>43-013-32651</u>	
Last MIT: <u>8 / 5 / 2014</u>		Maximum Allowable Pressure: <u>1824</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: 197 bpd

Pre-test casing / tubing annulus pressure: 0 / 1676 psig

MIT DATA TABLE	Test #1	Test #2
TUBING	PRESSURE	
Initial Pressure	<u>1676</u> psig	psig
End of test pressure	<u>1679</u> psig	psig
CASING / TUBING	ANNULUS	PRESSURE
0 minutes	<u>1166.4</u> psig	psig
5 minutes	<u>1167.8</u> psig	psig
10 minutes	<u>1168.8</u> psig	psig
15 minutes	<u>1169.2</u> psig	psig
20 minutes	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

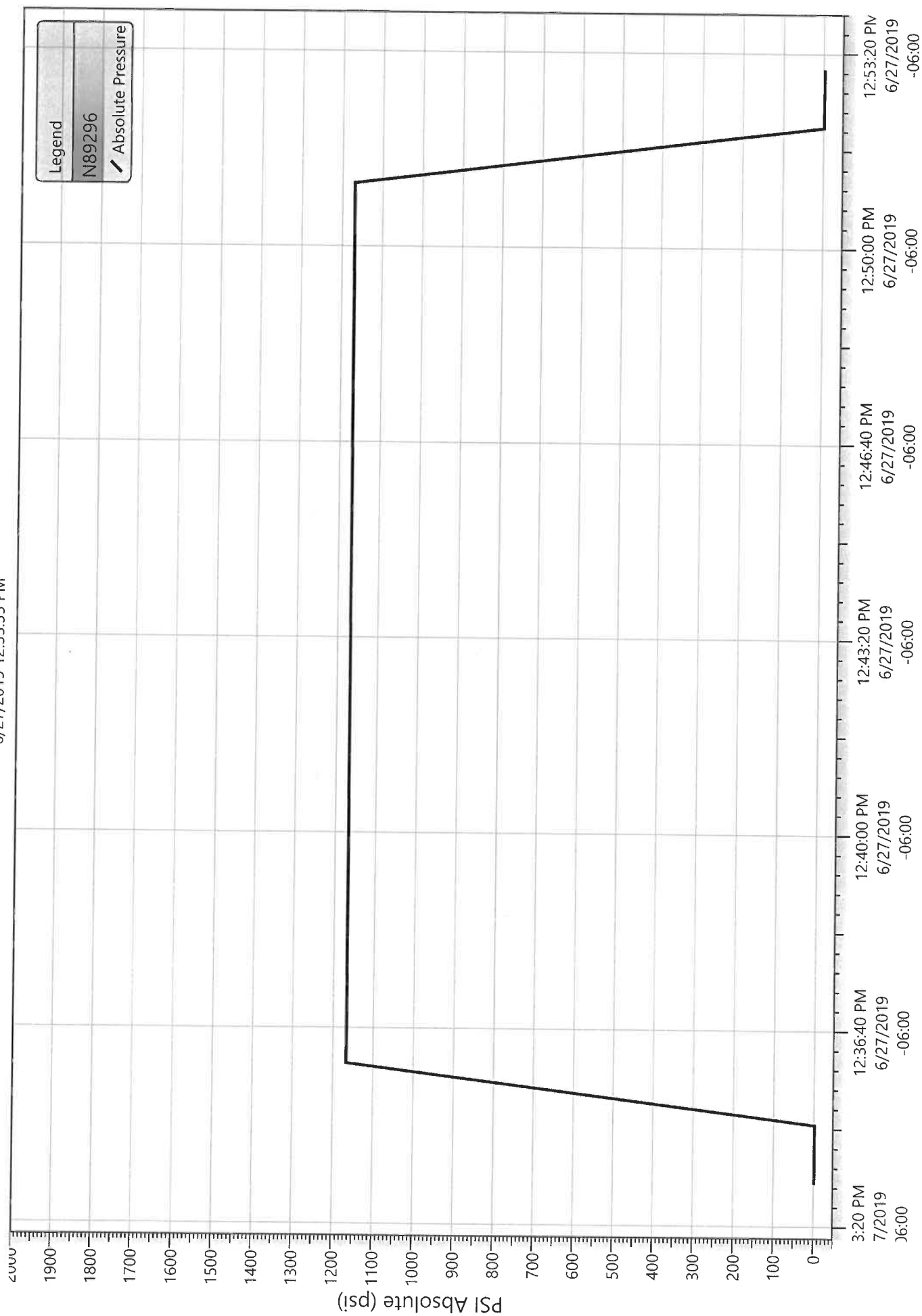
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Mark L Reinbold

Signature of Person Conducting Test: Everett Unruh

Federal 12-13-9-16 (6/27/2019, 5 yr. MIT)

6/27/2019 12:33:33 PM



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

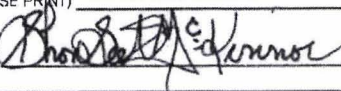
NEW NAME:

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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

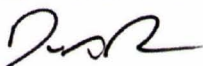
Company: <u>Newfield Production Company</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

NEW OPERATOR

Company: <u>Ovintiv Production, Inc</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

(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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<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"/> 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	Field or Unit Name See Attached
Footage : County :	Lease Designation and Number See Attached
QQ, Section, Township, Range:	State : UTAH

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

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

NEW OPERATOR

Company: Ovintiv USA Inc.	Name: Julia Carter
Address: 4 Waterway Square Place Suite 100	Signature: <i>Julia M. Carter</i>
city The Woodlands state TX zip 77380	Title: Manager, US Regulatory Operations
Phone: (281) 210-5100	Date: 9/8/2021
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
PHONE NUMBER: (972) 325-1096	8. WELL NAME and NUMBER: See attached Exhibit A
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A	9. API NUMBER: Attached
COUNTY: _____	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
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: 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

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

NEW OPERATOR:

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

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		Field or Unit Name see attached Exhibit A
Footage :	County : see attached	Lease Designation and Number see attached Exhibit A
QQ, Section, Township, Range:	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-64805</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 12-13-9-16</div>	
<div>2. NAME OF OPERATOR: Scout Energy Management, LLC</div>		<div>9. API NUMBER: 43013326510000</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: 2018 FSL 651 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 13 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><input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:</div> <div><input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/18/2024</div> <div><input type="checkbox"/> SPUD REPORT Date of Spud:</div> <div><input type="checkbox"/> DRILLING REPORT Report Date:</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> <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> <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><div>OTHER: <input type="text" value="MIT"/></div></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 4/18/24 the casing was pressured up to 1081 PSIG and charted for 20 minutes with no pressure loss. The tubing was 1745 PSIG during the test. State representative, Adam Miller, was present to witness the test.</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>April 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 4/25/2024</div>	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Scout EP

1820 W Highway 40

Roosevelt, UT 84066

435.352.6282

Witness

Adam Miller

Date:

4/18/24

Time:

9:40 am pm

Test Conducted By:

Jimmie Banks

Others Present:

43-013-32651

Well Name:	<i>Federal 12-13-9-16</i>		
Field:	<i>Greater Monument Butte</i>	County:	<i>Duchesne</i> State: <i>UT</i>
Location:	<i>12</i> Sec: <i>13</i> T: <i>9</i> N: <i>8</i> R: <i>16</i> E/W		
Operator:	<i>Scout EP</i>		
Last MI:		Maximum Allowable Pressure:	<i>1824</i> 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**1745*

psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure	<i>1745</i>	psig	psig
End of test pressure	<i>1745</i>	psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes	<i>1080</i>	psig	psig
5 minutes	<i>1080</i>	psig	psig
10 minutes	<i>1080</i>	psig	psig
15 minutes	<i>1081</i>	psig	psig
20 minutes	<i>1081</i>	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

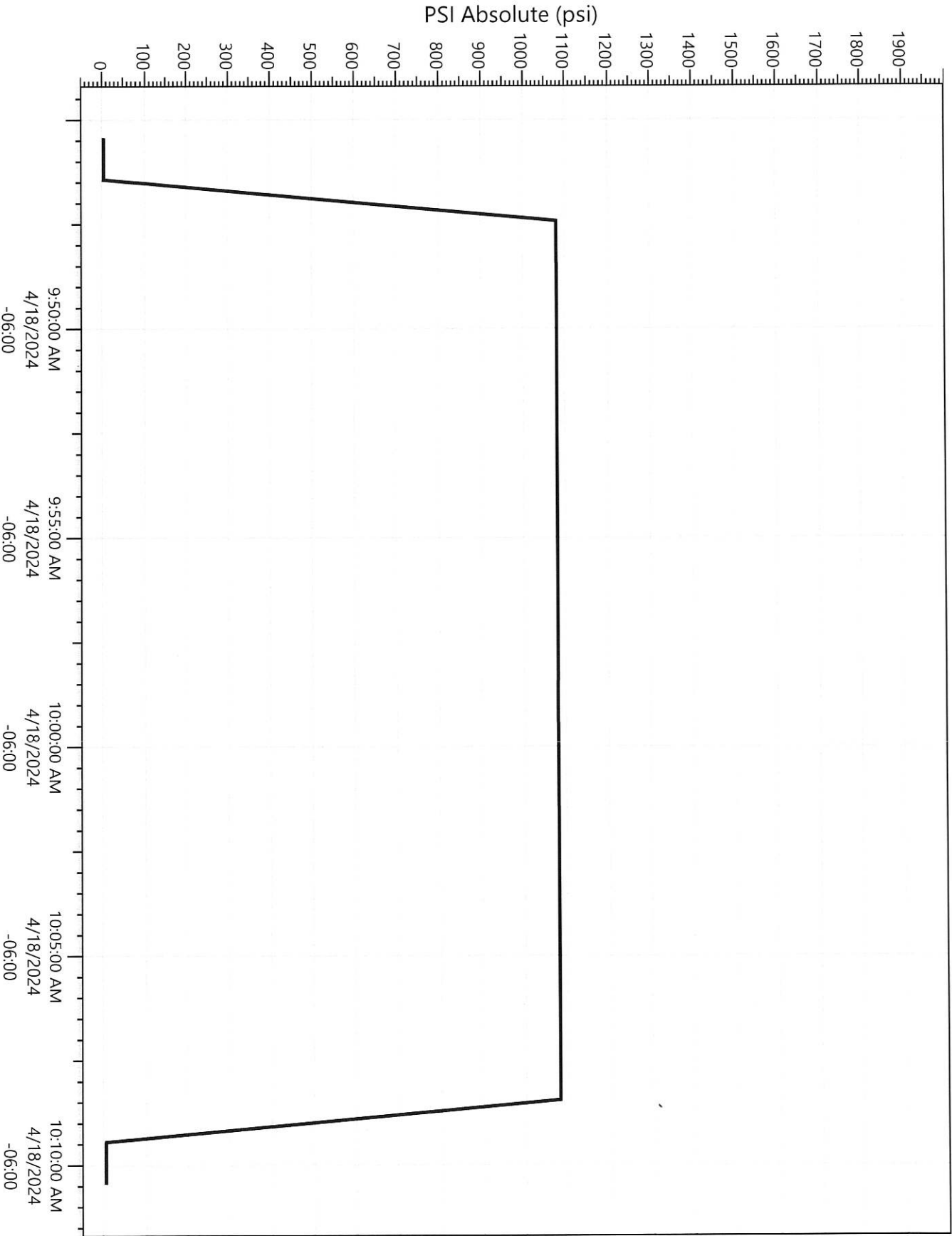
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:

Adam Miller

Signature of Person Conducting Test:

Jimmie Banks



Federal 12-13-9-16
4/18/2024 9:45:24 AM

Legend
P23450
Pressure