



RECEIVED

SEP 03 2004

DIV. OF OIL, GAS &amp; MINING

September 2, 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: Ashley Federal 14-13-9-15, 16-13-9-15,  
14-14-9-15, and 16-14-9-15.

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,

Lana Nebeker  
Production Clerk

enclosures

Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

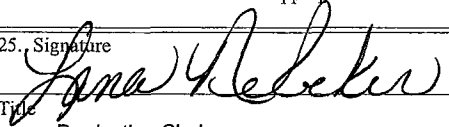
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-68548
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Inland Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 16-14-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-32667
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 620' FSL 645' FEL 568980X 40.02540 At proposed prod. zone 4430679Y -110.19162		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 16.3 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 14, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 620' f/lse, 5,925 f/unit	16. No. of Acres in lease 711.22	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. 2,645'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6272.8' 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. |

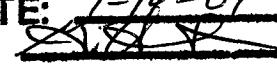
25. Signature 	Name (Printed/Typed) Lana Nebeker	Date 9-2-04
Title Production Clerk		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-14-04  
BY: 

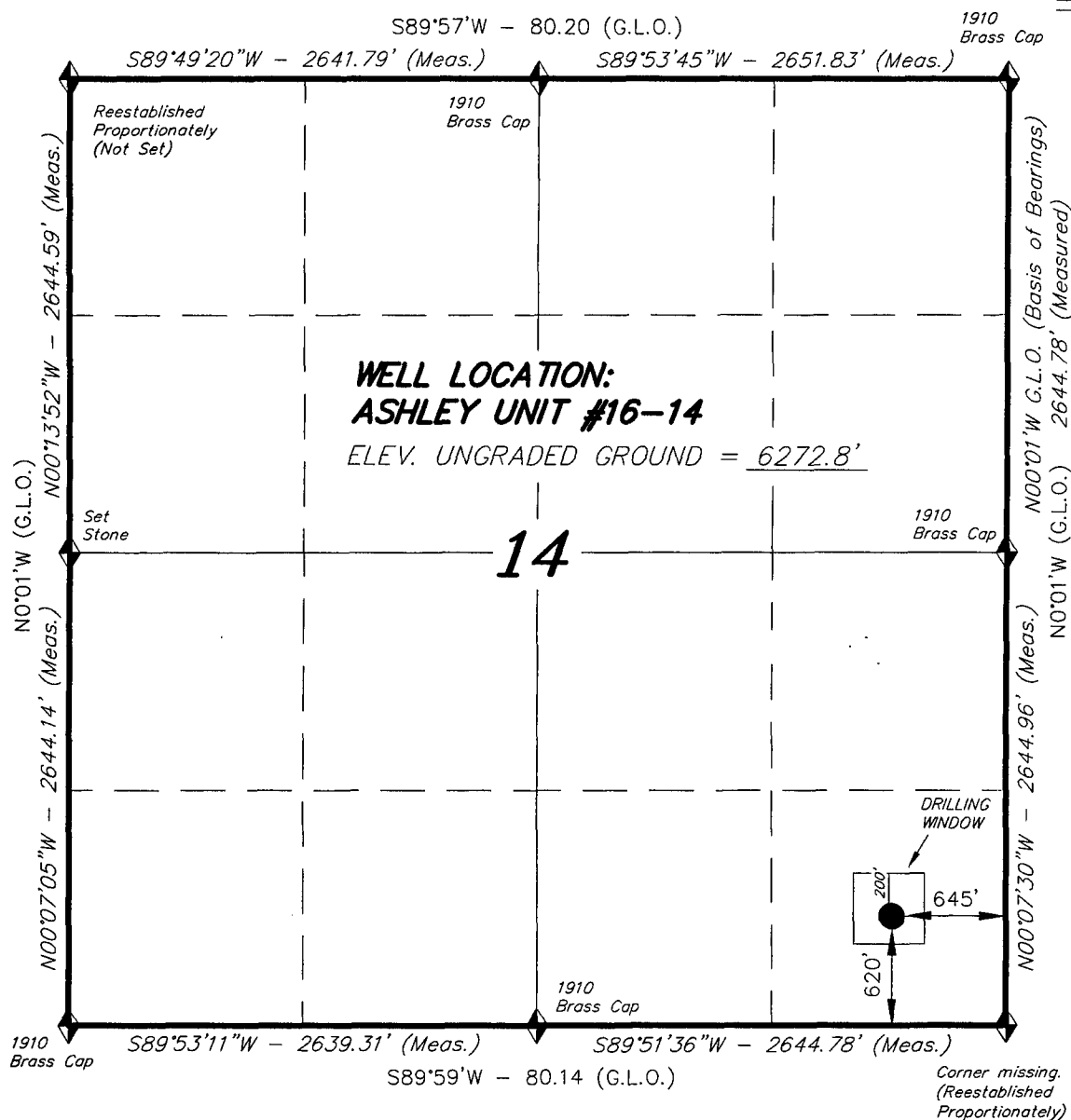
Federal Approval of this  
Action is Necessary

RECEIVED  
SEP 03 2004

DIV. OF OIL, GAS &amp; MINING

**T9S, R15E, S.L.B.&M.**

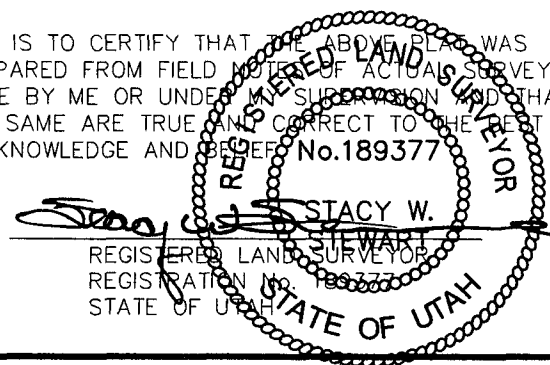
**INLAND PRODUCTION COMPANY**



WELL LOCATION, ASHLEY UNIT #16-14,  
LOCATED AS SHOWN IN THE SE 1/4 SE  
1/4 OF SECTION 14, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-22-04	DRAWN BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

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

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

September 10, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2004 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32668	Ashley Federal 16-13-9-15 Sec 13 T09S R15E 0682 FSL 0523 FEL	
43-013-32669	Ashley Federal 14-13-9-15 Sec 13 T09S R15E 0758 FSL 2020 FWL	
43-013-32670	Ashley Federal 14-14-9-15 Sec 14 T09S R15E 0483 FSL 1990 FWL	
43-013-32667	Ashley Federal 16-14-9-15 Sec 14 T09S R15E 0620 FSL 0645 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:9-10-04



INLAND PRODUCTION COMPANY  
ASHLEY 16-14-9-15  
SE/SE SECTION 14, T9S, R15E  
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	6115'

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.

**INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #16-14-9-15  
SE/SE SECTION 14, T9S, R15E  
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 Ashley Federal #16-14-9-15 located in the SE 1/4 SE 1/4 Section 14, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 11.3 miles  $\pm$  to it's junction with an existing dirt road to the northwest; proceed southwesterly - 3.4 miles  $\pm$  to it's junction with an existing road to the east; proceed easterly - 0.3 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 765'  $\pm$  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.

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 #01-163, 5/23/02. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #16-14-9-15 Inland Production Company requests 765' of disturbed area be granted in the Ashley Unit 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 765' of disturbed area be granted in the Ashley Unit to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 2" gas gathering line, and a 2" 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**

**Sage Grouse:** No new construction or surface disturbance within 2 mile radius of strutting grounds March 1- June 30.

**Reserve Pit Liner**

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

**Muffler**

To reduce noise levels in the area, a hospital muffler or multi-cylinder engine shall be installed on the pumping unit.

#### 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)

Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Indian Rice Grass	<i>Oryzopsis Hymenoides</i>	6 lbs/acre
Beardless Blue Bunch Wheat Grass	<i>Agropyron Spicatum</i>	5 lbs/acre

#### Details of the On-Site Inspection

The proposed Ashley Federal #16-14-9-15 was on-sited on 4/15/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear.

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

#### Representative

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

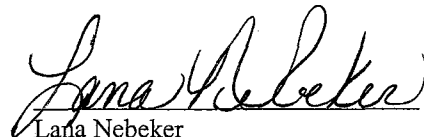
#### Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #16-14-9-15 SE/SE Section 14, Township 9S, Range 15E: in the Ashly Unit, 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.

9-2-04

Date

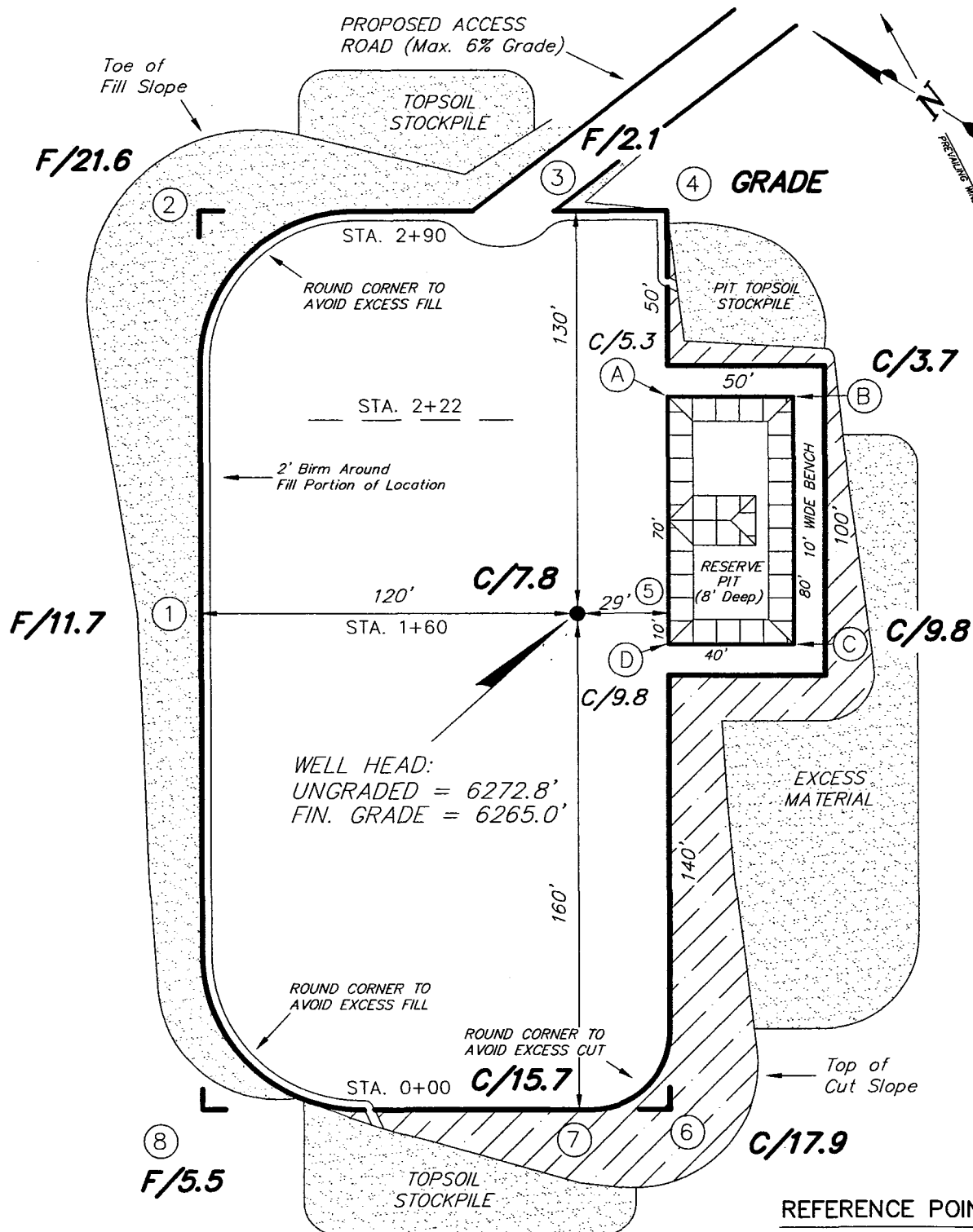


Lana Nebeker  
Production Clerk

# INLAND PRODUCTION COMPANY

## ASHLEY UNIT 16-14

Section 14, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

170' NORTH = 6248.6'  
 220' NORTH = 6245.8'  
 210' WEST = 6282.8'  
 260' WEST = 6283.2'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

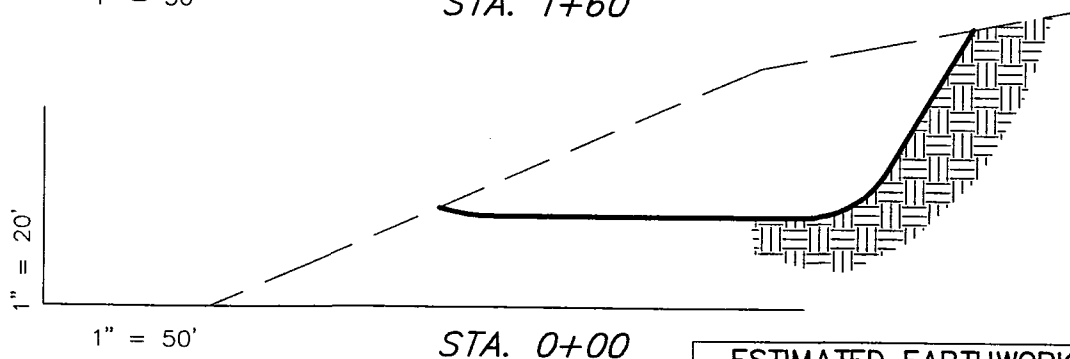
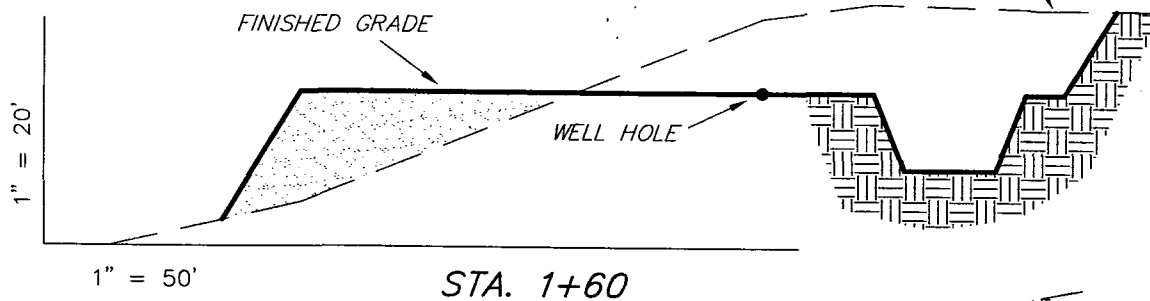
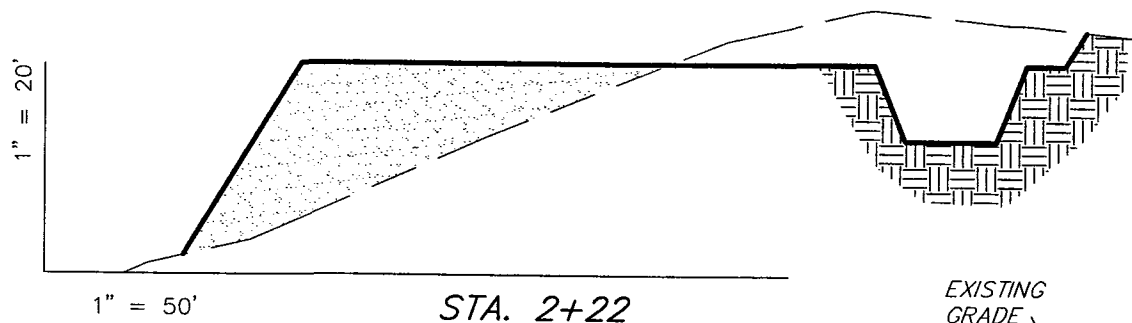
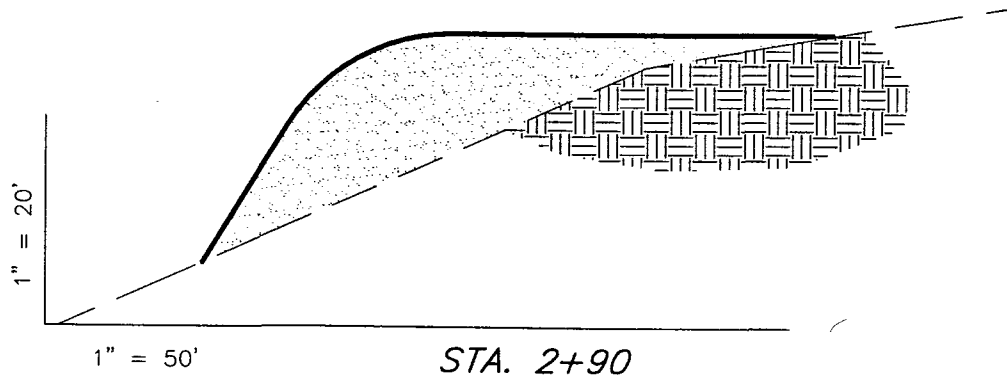
DATE: 7-22-04

**Tri State**  
 Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT 16-14**



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	7,610	7,600	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	8,250	7,600	890	650

SURVEYED BY: D.J.S.

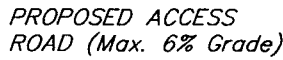
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-22-04

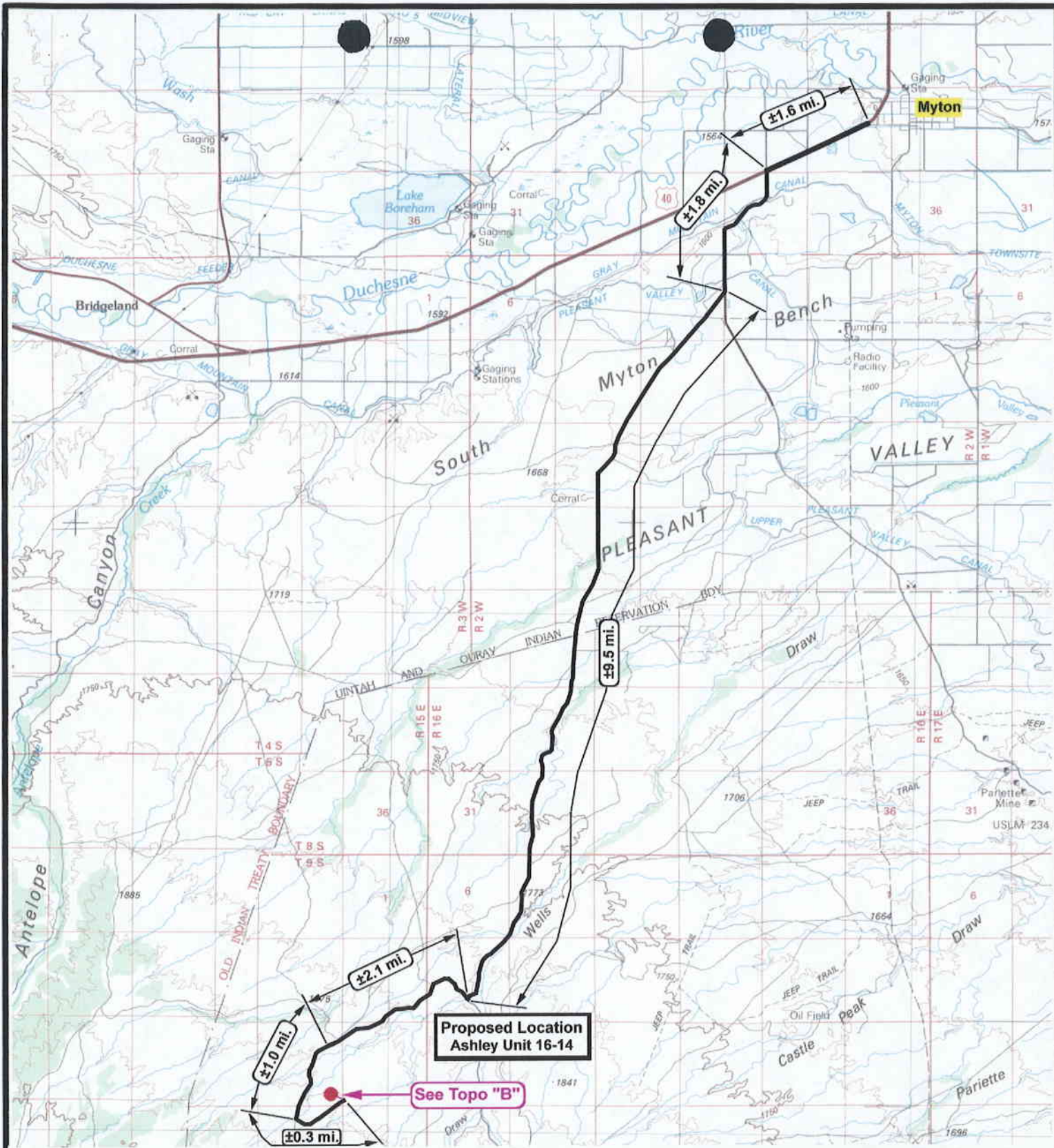
**Tri State**  
**Land Surveying, Inc.**  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

*ASHLEY UNIT 16-14*



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





**Ashley Unit 16-14**  
**SEC. 14, T9S, R15E, 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: 07-29-2004

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP

**"A"**

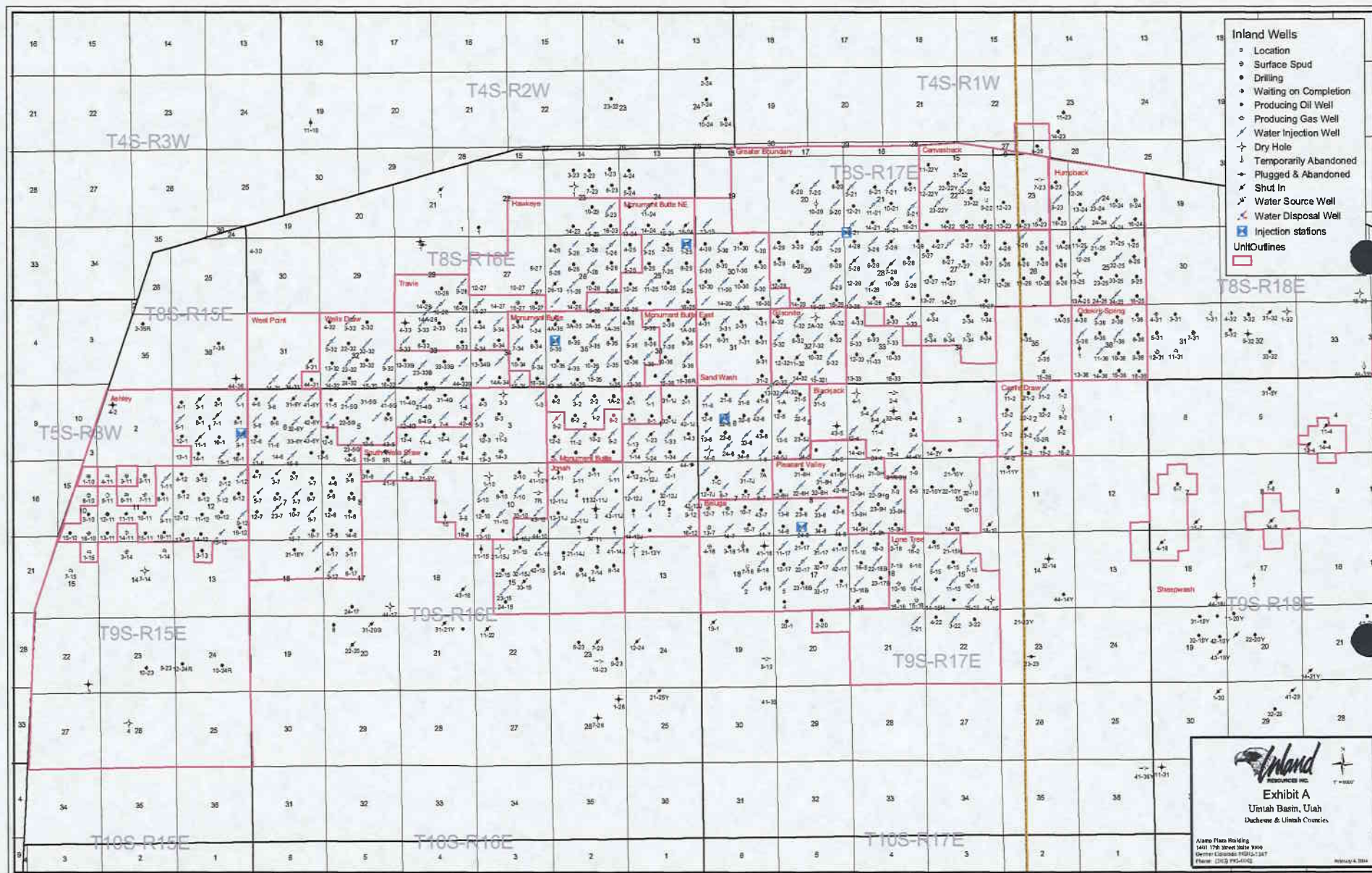














## Exhibit "B"

## 2-M SYSTEM

Blowout Prevention Equipment Systems

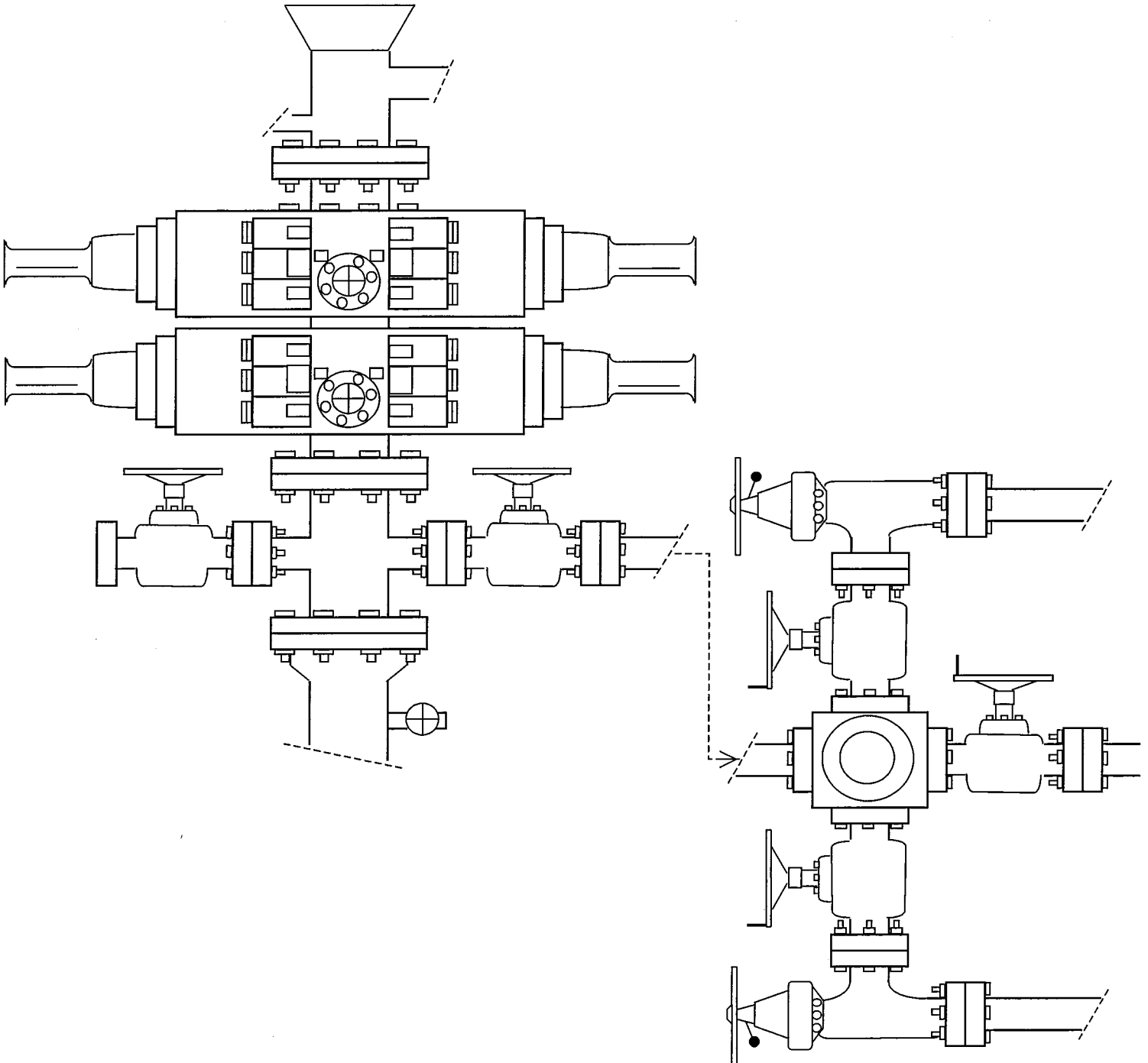


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 1750 ACRE ASHLEY UNIT, IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 13, 14, AND 15,  
DUCHESNE COUNTY, UTAH

Anne Raney  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Jon D. Holst & Associates  
for  
Inland Resources  
2507 Flintridge Place  
Fort Collins, CO 80521

Prepared By:

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

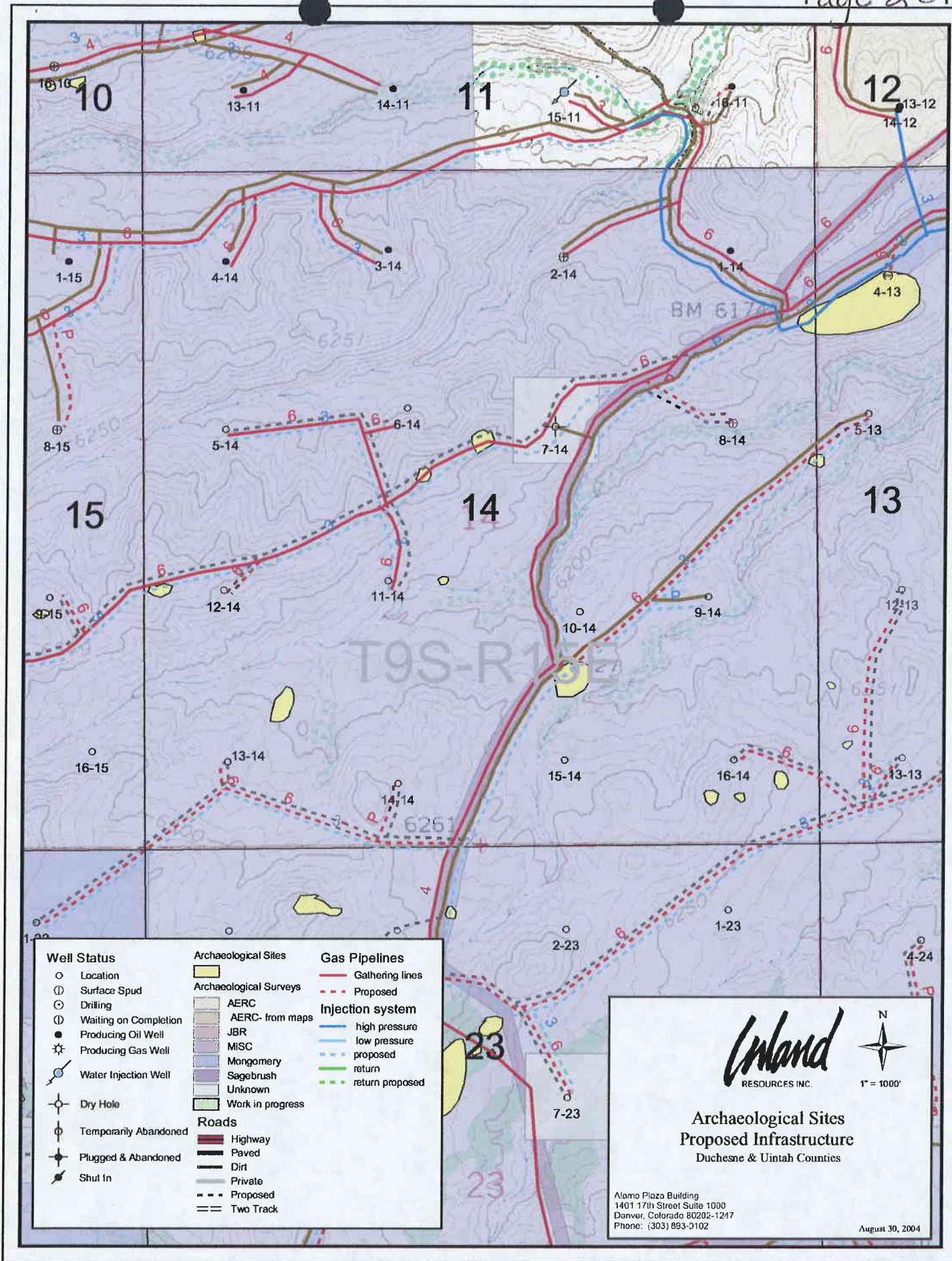
MOAC Report No. 01-163

May 23, 2002

United States Department of Interior (FLPMA)  
Permit No. 02-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-02-MQ-0235b





**INLAND RESOURCES, INC.**

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

(South half Section 13, south half Section 14, south half Section 15,  
entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW &  
SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

**REPORT OF SURVEY**

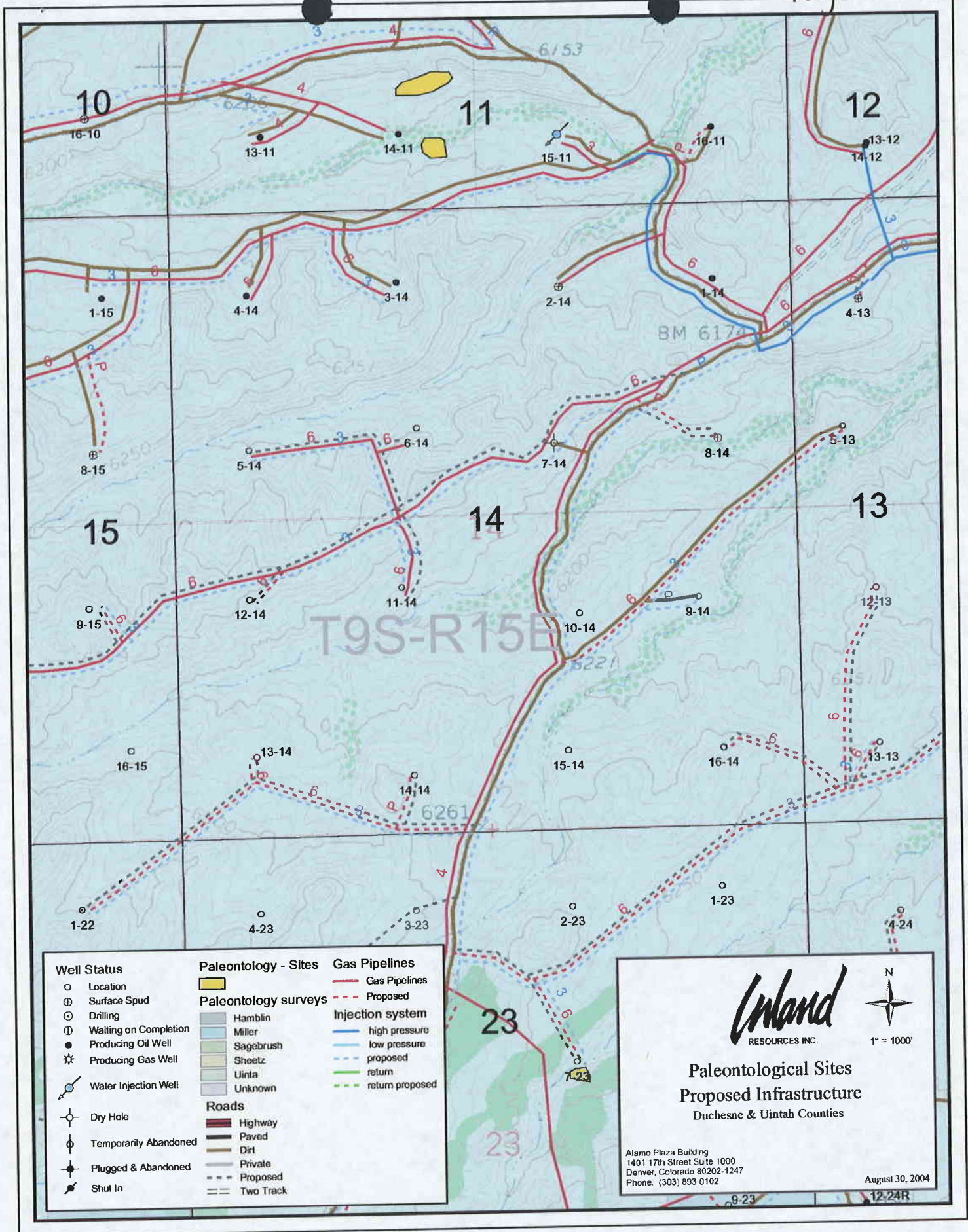
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003





WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/03/2004

API NO. ASSIGNED: 43-013-32667

WELL NAME: ASHLEY FED 16-14-9-15

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: LANA NEBEKER

PHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

SESE 14 090S 150E

SURFACE: 0620 FSL 0645 FEL

BOTTOM: 0620 FSL 0645 FEL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68548

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02540

LONGITUDE: -110.1916

## 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:

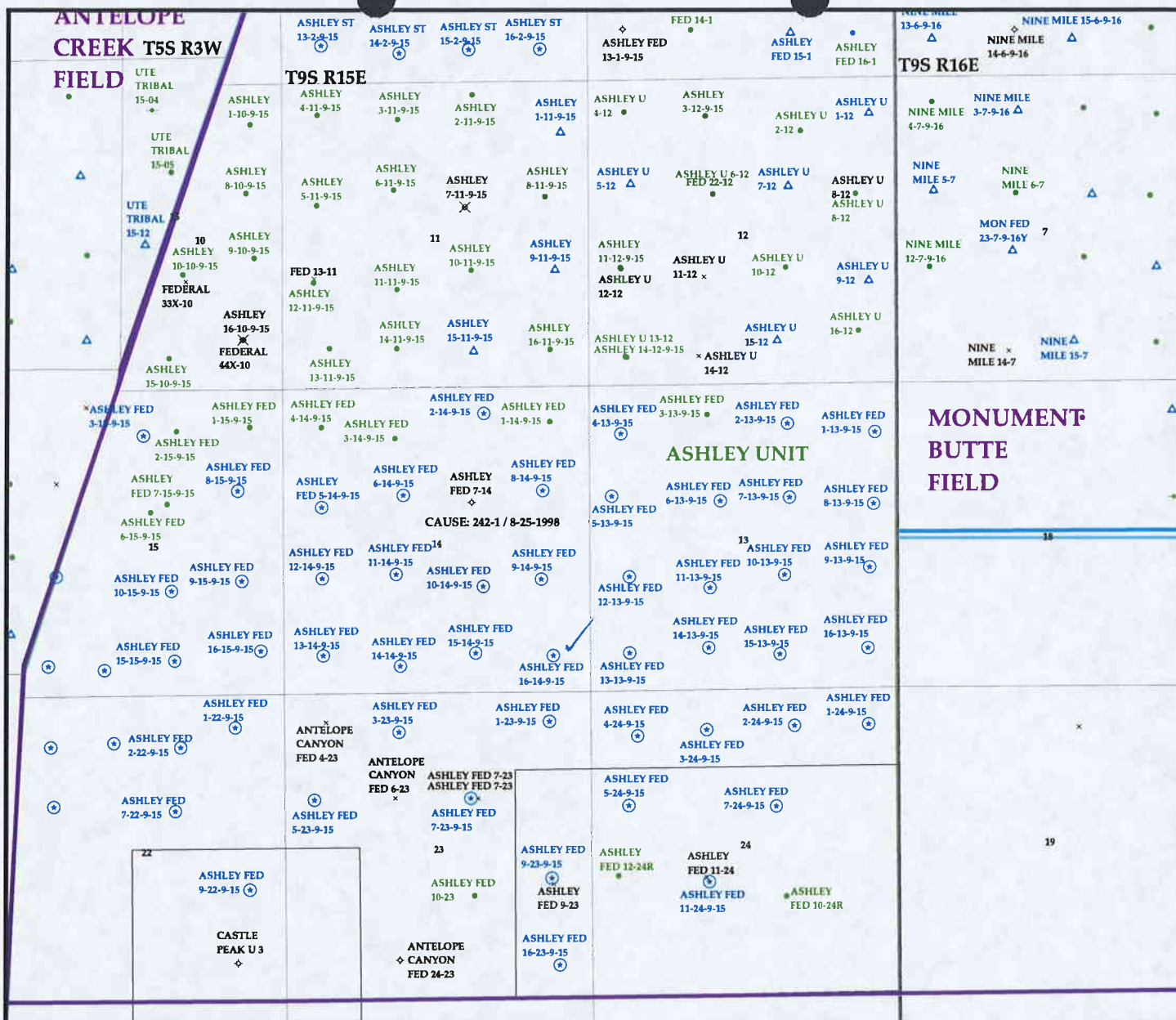
- \_\_\_\_ R649-2-3.
- Unit ASHLEY
- \_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_ R649-3-3. Exception
- ☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting
- \_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

Sop, Separate file

STIPULATIONS:

1- Federal Approval



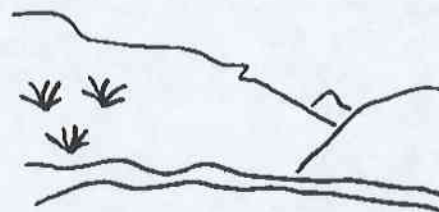
OPERATOR: INLAND PROD CO (N5160)

SEC. 14 T.9S R.15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

**Wells**

- ⊕ GAS INJECTION
- ⊕ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⊕ PLUGGED & ABANDONED
- ⊕ PRODUCING GAS
- ⊕ PRODUCING OIL
- ⊕ SHUT-IN GAS
- ⊕ SHUT-IN OIL
- × TEMP. ABANDONED
- ⊕ TEST WELL
- ⊕ WATER INJECTION
- ⊕ WATER SUPPLY
- ⊕ WATER DISPOSAL

**Units.shp**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Fields.shp**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 10-SEPTEMBER-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*

September 14, 2004

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

Re: Ashley Federal 16-14-9-15 Well, 620' FSL, 645' FEL, SE SE, Sec. 14,  
T. 9 South, R. 15 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 43-013-32667.

Sincerely,

A handwritten signature in black ink, appearing to read "J.R. Baza".

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 Ashley Federal 16-14-9-15

API Number: 43-013-32667

Lease: UTU-68548

Location: SE SE                      Sec. 14                      T. 9 South                      R. 15 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.



# 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 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

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

## OPERATOR CHANGE WORKSHEET

006

## Change of Operator (Well Sold)

## X Operator Name Change

### Designation of Agent/Operator

## Merger

## ROUTING

## 1. GLH

## 2. CDW

### 3. FILE

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:

**ASHLEY**

**WELL(S)**

[illegible]

## 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: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. 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 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

JUN 03 2005

DIV. OF OIL, GAS &amp; 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-68548

6. If Indian, Allottee or Tribe Name

N/A

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

Ashley

8. Lease Name and Well No.

Ashley Federal 16-14-9-15

9. API Well No.

43.013.32667

10. Field and Pool, or Exploratory

Monument Butte

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

SE/SE Sec. 14, T9S R15E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

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

At surface SE/SE 620' FSL 645' FEL

At proposed prod. zone

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

Approximatley 16.3 miles southwest of Myton, Utah

15. Distance from proposed\*

location to nearest

property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 620' f/lse, 5,925 f/unit

16. No. of Acres in lease

711.22

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. 2,645'

19. Proposed Depth

6500'

20. BLM/BIA Bond No. on file

UT/0056

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

6272.8' 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.

2. A Drilling Plan.

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

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

5. Operator certification.

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

25. Signature

Name (Printed/Typed)

Lana Nebeker

Date

9-2-04

Title

Production Clerk

Approved by (Signature)

Name (Printed/Typed)

Date

05/13/2005

Title

Mineral Resources

Office

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: ASHLEY FEDERAL 16-14-9-15  
API Number: 43-013-32667  
Lease Number: UTU - 68548  
Location: SESE Sec. 14 TWN: 09S RNG: 15E  
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  $\pm 1,510$  ft.

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company

API Number: 43-013-32667

Well Name & Number: Ashley Federal 16-14-8-15

Lease Number: U-68548

Location: SESE Sec. 14 T. 9 S. R. 15 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 9-3-04

**-None. All COA's are included in the APD.**

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

OPERATOR: **NEWFIELD PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3630**  
**MYTOM, 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		
A	99999	14808	43-047-35708	Federal 9-14-9-17	NE/SE	14	9S	17E	Utah	6/27/2005	7/06/05
WELL 1 COMMENTS: <b>GRRV</b>											
A	99999	14809	43-047-36071	Federal 6-14-9-17	SE/NW	14	9S	17E	Utah	6/28/2005	7/06/05
WELL 2 COMMENTS: <b>GRRV</b>											
A	99999	14810	43-013-32667	Ashley Federal 16-14-9-15	SE/SE	14	9S	15E	Duchesne	6/28/2005	7/06/05
WELL 3 COMMENTS: <b>GRRV</b>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

RECEIVED

JUN 29 2005

DIV. OF OIL, GAS & MINING

*Kebbie S. Jones*  
Signature  
Kebbie S. Jones  
Production Clerk  
Title  
June 29, 2005  
Date

06/29/2005 09:08  
K 4356463031

INLAND

PAGE 02



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.

**COPY**

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

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

ASHLEY UNIT

8. Well Name and No.

ASHLEY FEDERAL 16-14-9-15

9. API Well No.

4301332667

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPPLICATE - 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 are code)

435.646.3721

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

620 FSL 645 FEL

SE/SE Section 14 T9S R15E

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 6-28-05 MIRU Ross # 24. Spud well @ 9:30 AM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 314.09 KB. On 6/29/05 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 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Justin Crum

Title

Drilling Foreman

Signature

Date

06/30/2005

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

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

(Instructions on reverse)

RECEIVED

JUL 05 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.07

LAST CASING 8 5/8" SET AT 314'  
 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 Ashley Fed 16-14-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 24

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		41.91' sh jt'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	301.22
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		303.07
TOTAL LENGTH OF STRING			303.07	7	LESS CUT OFF PIECE		2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		<b>313.07</b>
TOTAL			301.22	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			301.22	7			
TIMING			1ST STAGE				
BEGIN RUN CSG.			SPUD				
CSG. IN HOLE			6/28/2005		GOOD CIRC THRU JOB <u>Yes</u>		
BEGIN CIRC			6/29/2005		Bbls CMT CIRC TO SURFACE <u>5 bbls</u>		
BEGIN PUMP CMT			6/29/2005		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN DSPL. CMT			6/29/2005		DID BACK PRES. VALVE HOLD ? <u>N/A</u>		
PLUG DOWN			6/29/2005		BUMPED PLUG TO <u>141</u> PSI		
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
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 6/29/2005

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)

620 FSL 645 FEL

SE/SE Section 14 T9S R15E

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 16-14-9-15

9. API Well No.

4301332667

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 8/26/05 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 @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6090'. 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, 138 jt's of 5.5 J-55, 15.5# csgn. Set @ 6081' / 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 .5 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 88,000 #s tension. Release rig @ 8:30 AM on 8/25/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Justin Crum

Title

Drilling Foreman

Signature

Date

08/26/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

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Office

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

(Instructions on reverse)

**RECEIVED**

**AUG 31 2005**

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.07

LAST CASING 8 5/8" SET AT 314'  
 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 Ashley Fed 16-14-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		41.91' sh jt'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	301.22
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			303.07
TOTAL LENGTH OF STRING		303.07	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>313.07</b>
TOTAL		301.22	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		301.22	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB			Yes
BEGIN RUN CSG.		SPUD		Bbls CMT CIRC TO SURFACE			5 bbls
CSG. IN HOLE		6/28/2005		RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN CIRC		6/29/2005		DID BACK PRES. VALVE HOLD ?			N/A
BEGIN PUMP CMT		6/29/2005		BUMPED PLUG TO			141 PSI
BEGIN DSPL. CMT		6/29/2005					
PLUG DOWN		6/29/2005					

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
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 6/29/2005

**RECEIVED**

**AUG 31 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

**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)

620 FSL 645 FEL

SE/SE Section 14 T9S R15E

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 16-14-9-15

9. API Well No.

4301332667

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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.)

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

09/22/2005

**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

SEP 22 2005

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135  
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ASHLEY FEDERAL 16-14-9-15

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<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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production 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: 9-25-05  
Initials: CHD

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

09/22/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval Of This  
Action Is Necessary

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(Instructions on reverse)

By:

SEP 22 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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ASHLEY FEDERAL 16-14-9-15

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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 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	

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Status report for time period 09/01/05 - 09/21/05

Subject well had completion procedures initiated in the Green River formation on 09-01-05 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5682'-5690'), (5510'-5516'); Stage #2 (5349'-5358'), (5286'-5299'), (5267'-5277'), (5240'-5247'), (5176'-5208'); Stage #3 (5061'-5064'), (5032'-5038'), (4953'-4956'); Stage #4 (4826'-4830'), (4790'-4812'); Stage #5 (4677'-4689'); Stage #6 (4152'-4162'), (4116'-4126'). 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 09-16-2005. Bridge plugs were drilled out and well was cleaned to 6035'. 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 09-21-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Lana Nebeker

Signature

Title

Production Clerk

Date

10/10/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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**RECEIVED**

**OCT 11 2005**

**DIV. OF OIL, GAS & MINING**

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

FORM 6

**ENTITY ACTION FORM**

Operator: Newfield Production Company Operator Account Number: N 2695  
Address: Rt. 3 Box 3630  
city Myton  
state UT zip 84062 Phone Number: (435) 646-4805

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301332667	Ashley Federal 16-14-9-15		SESE	14	09S	15E	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	14810	12419			11/30/2005		
<b>Comments:</b> GRRV Ashley Unit PA expanded effective 7/1/2005 (missed on initial request 11/1/2005). <span style="float: right;">- J</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Earlene Russell for DOGM

Name (Please Print)

*Earlene Russell*

Signature

Engineering Technician

Title

11/30/2005

Date



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 620' FSL & 645' FEL (SE/SE) Sec.14, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32667 DATE ISSUED 9/14/04

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 6/28/05 16. DATE T.D. REACHED 8/25/05 17. DATE COMPL. (Ready to prod.) 9/22/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6273' GL 6285' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6090' 21. PLUG BACK T.D., MD & TVD 6035' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* Green River 4116'-5690' 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

28. 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#	310'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6081'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5756'	TA @ 5658'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1&2) 5510'-5516', 5682'-5690'	.41"	4/56	5510'-5690'	Frac w/ 29,851# 20/40 sand in 334 bbls fluid
(DC) 5176'-5208', 5240'-5247', 5267'-5277', 5286'-5299', 5349'-5358'	.41"	4/284	5176'-5358'	Frac w/ 252,448# 20/40 sand in 1653 bbls fluid
(B2,A1&3) 4953'-4956', 5032'-5038', 5061'-5064'	.41"	4/48	4953'-5064'	Frac w/ 28,994# 20/40 sand in 308 bbls fluid
(C) 4790'-4812', 4826'-4830'	.41"	4/104	4790'-4830'	Frac w/ 74,183# 20/40 sand in 570 bbls fluid
(D1) 4677'-4689'	.41"	4/48	4677'-4689'	Frac w/ 57,905# 20/40 sand in 468 bbls fluid
(GB4&6) 4116'-4126', 4152'-4162'	.41"	4/80	4116'-4162'	Frac w/ 46,647# 20/40 sand in 443 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 9/22/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 100	GAS--MCF. 38	WATER--BBL. 131	GAS-OIL RATIO 380
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  
OCT 25 2005

35. LIST OF ATTACHMENTS

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

SIGNED *Mandie Crozier*  
Mandie Crozier

TITLE Regulatory Specialist

DATE 10/24/2005

DIV. OF OIL, GAS & MINING

\*(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 Ashley Federal 16-14-9-15	Garden Gulch Mkr	3660'	
				Garden Gulch 1	3870'	
				Garden Gulch 2	3984'	
				Point 3 Mkr	4225'	
				X Mkr	4490'	
				Y-Mkr	4524'	
				Douglas Creek Mkr	4627'	
				BiCarbonate Mkr	4838'	
				B Limestone Mkr	4973'	
				Castle Peak	5545'	
				Basal Carbonate	5984'	
				Total Depth (LOGGERS)	6086'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-14-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0620 FSL 0645 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013326670000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<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 checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/22/2014	<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. <p>The subject well has been converted from a producing oil well to an injection well on 05/21/2014. On 05/21/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/21/2014 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 not a State representative available to witness the test.</p>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician
<b>DATE</b> 5/29/2014		<b>Accepted by the Utah Division of Oil, Gas and Mining</b> June 02, 2014  <b>Date:</b> _____ <b>By:</b>

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 5/22/14 Time 9:00 am pm

Test Conducted by: Jonny Daniels

Others Present: \_\_\_\_\_

Well: Ashley 16-14-9-15

Field: Monument Butte

Well Location: SE/SE Sec. 14, T9S. R15E  
Duchesne County

API No: 4301332667

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1475</u>	psig
5	<u>1475</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

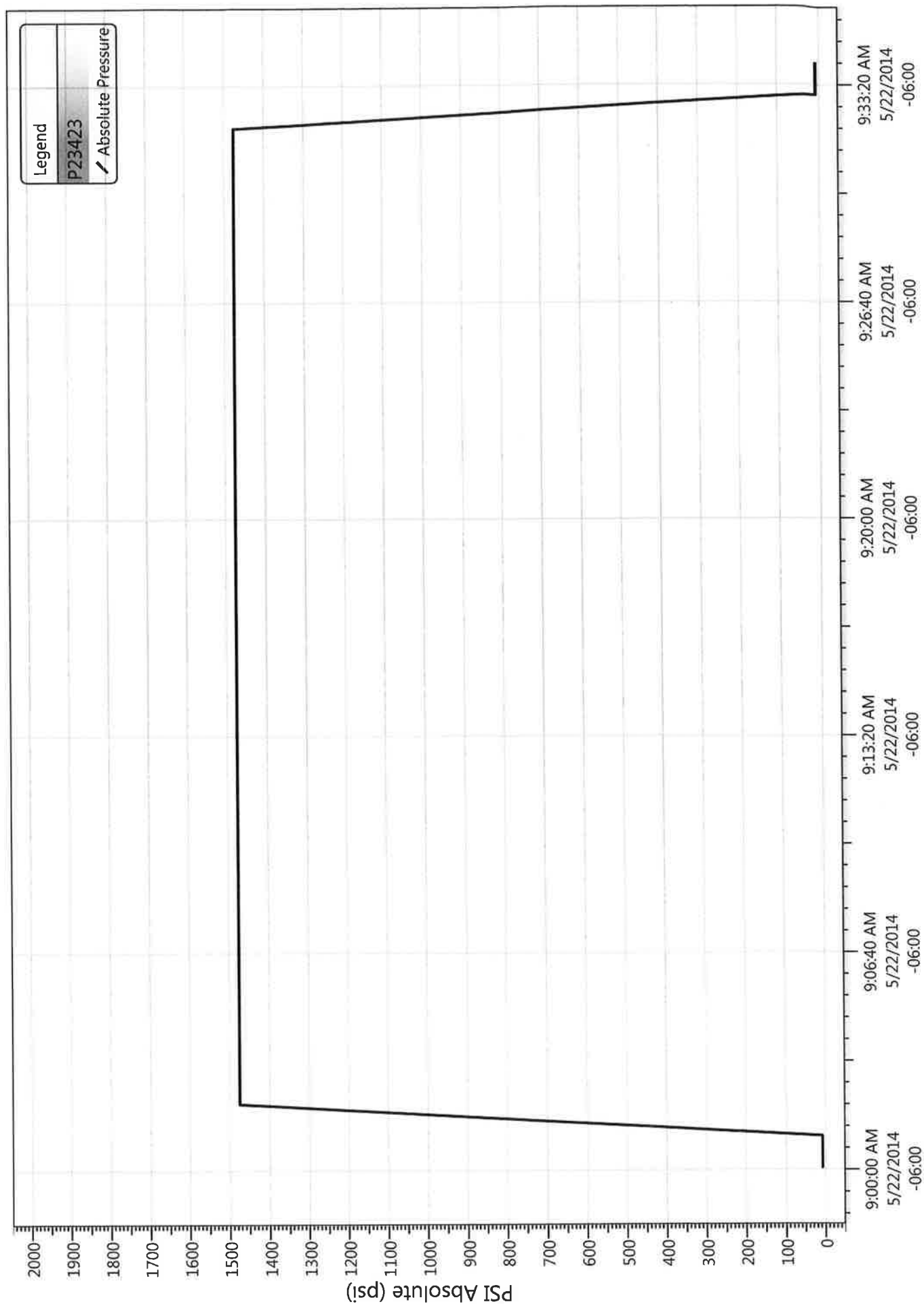
Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Jonny Daniels

# Ashley Federal 16-14-9-15

5/22/2014 8:59:02 AM





## Job Detail Summary Report

Well Name: Ashley 16-14-9-15

Jobs		
Primary Job Type	Job Start Date	Job End Date
Conversion	5/20/2014	5/22/2014

## Daily Operations

Report Start Date		Report End Date	24hr Activity Summary
5/20/2014		5/20/2014	Break & Dope Collars, RIH W/-Tbg Prod, P/Test Tbg.
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	10:00	TOOH 90-JTS OF TBG BREAKING AND RE-DOPING EVERY CONNECTION W/ LIQUID O-RING GREEN DOPE
Start Time	End Time		Comment
	10:00	11:00	LD 54-JTS OF TBG ON TRAILER
Start Time	End Time		Comment
	11:00	13:00	PU INJECTION PKR ASSEMBLY(1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE, 1-2 3/8"X4' PUP SUB, 1-XO SWEDGE, 1-WEATHERFORD PKR, 1-ON/OFF TOOL, 1-2 7/8" PSN) TIH 130-JTS OF TBG
Start Time	End Time		Comment
	13:00	14:00	DROPPED SV, CHASED W/ 20 BBLs, PT TBG TO 3K PSI HELD FOR 30MIN 100%, GOOD TEST, RIH W/ SL RETRIEVED SV
Start Time	End Time		Comment
	14:00	15:00	RU RIG FLOOR, ND BOPS, NU INJECTIO WH, CIRCULATED 50 BBLs OF PKR FLUID, SET PKR W/ 15K#TENSION, LANDED WELL
Start Time	End Time		Comment
	15:00	16:00	PT CSG TO 1400 PSI HELD FOR 30 MIN 100%, GOOD TEST
Start Time	End Time		Comment
	16:00	17:00	WAITED FOR MIT, MIT GOOD
Start Time	End Time		Comment
	17:00	18:30	CREW TRAVEL
Report Start Date		Report End Date	24hr Activity Summary
5/21/2014		5/21/2014	Move to new location 14-25-9-15
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	09:30	RD RIG, PRE-TRIP INSPECTION
Report Start Date		Report End Date	24hr Activity Summary
5/22/2014		5/22/2014	Perform MIT
Start Time	End Time		Comment
	09:30	10:00	On 05/21/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/22/2014 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 not a State representative available to witness the test.

## NEWFIELD



## Schematic

Well Name: Ashley 16-14-9-15

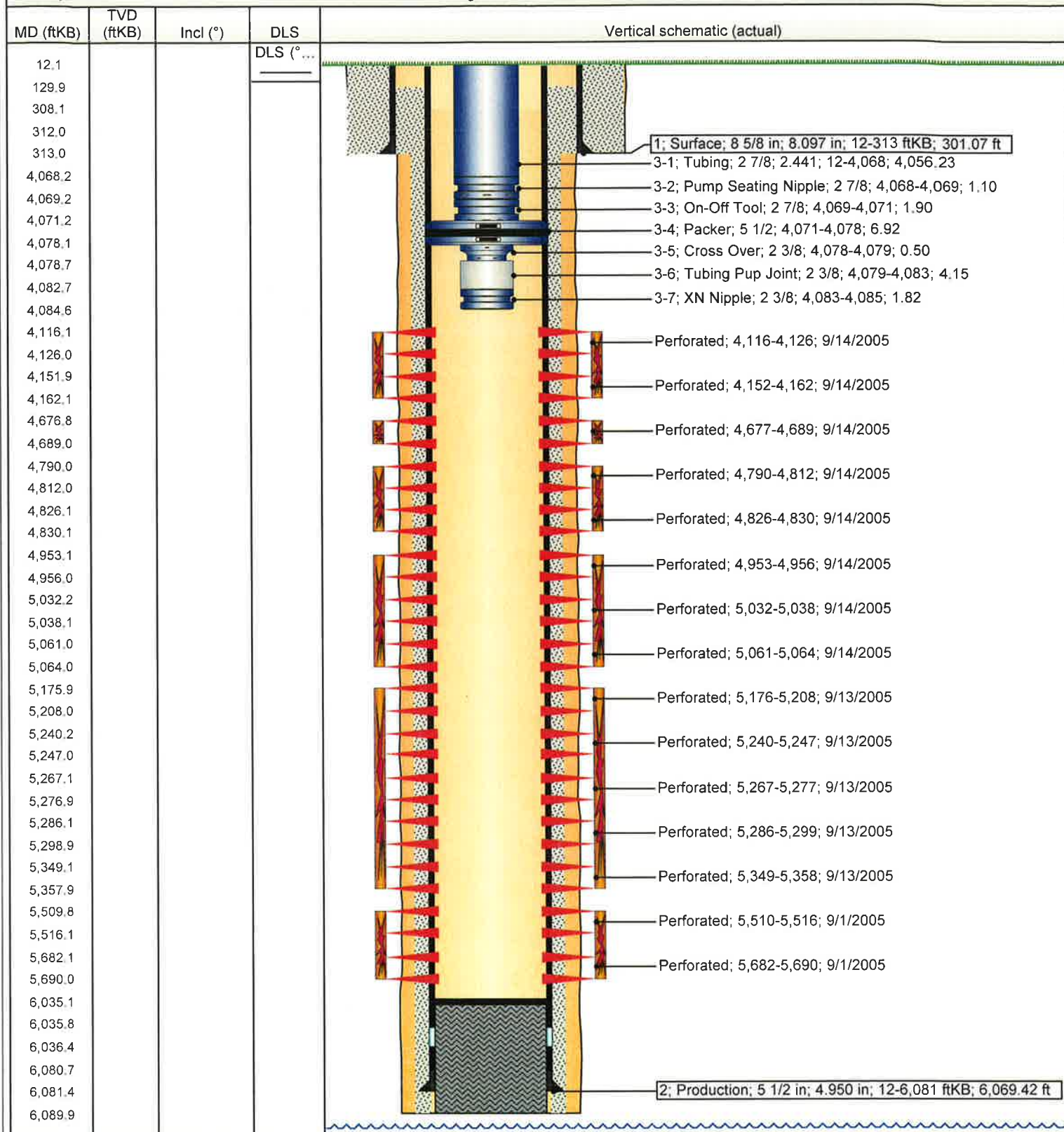
Surface Legal Location 620' FSL & 645' FEL (SE SE) SECTION 14-T9S-R15E				API/UWI 43013326670000	Well RC 500151916	Lease	State/Province Utah	Field Name GMBU CTB2	County DUCHESNE
Spud Date 6/23/2005	Rig Release Date	On Production Date 9/22/2005	Original KB Elevation (ft) 6,285	Ground Elevation (ft) 6,273	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,035.0		

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/20/2014	Job End Date 5/22/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 6,090.0

Vertical - Original Hole, 5/27/2014 1:31:22 PM





**NEWFIELD****Newfield Wellbore Diagram Data  
Ashley 16-14-9-15**

Surface Legal Location 620' FSL & 645' FEL (SE SE) SECTION 14-T9S-R15E			API/UWI 43013326670000	Lease
County DUCHESNE	State/Province Utah		Basin Uintah Basin	Field Name GMBU CTB2
Well Start Date 6/28/2005	Spud Date 6/23/2005		Final Rig Release Date	On Production Date 9/22/2005
Original KB Elevation (ft) 6,285	Ground Elevation (ft) 6,273	Total Depth (ftKB) 6,090.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,035.0

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/28/2005	8 5/8	8.097	24.00	J-55	313
Production	8/25/2005	5 1/2	4.950	15.50	J-55	6,081

**Cement****String: Surface, 313ftKB 6/23/2005**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 313.1	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL + 1/4# / sk Cello-Flake.	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

**String: Production, 6,081ftKB 8/25/2005**

Cementing Company	Top Depth (ftKB) 130.0	Bottom Depth (ftKB) 6,090.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description W/ 10%gel. 3%KCL flake,.3#/sk CSE. 2#/sk Kolseal. .5% SM.	Fluid Type Lead	Amount (sacks) 300	Class Prem Lite2	Estimated Top (ftKB) 130.0
Fluid Description 2% gel. 3%KCL. .5%EC-1 1/4#/sk Cello-flake .3%SM	Fluid Type Tail	Amount (sacks) 450	Class 50-50 Poz	Estimated Top (ftKB) 3,000.0

**Tubing Strings**

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					5/21/2014		4,084.6	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	130	2 7/8	2.441	6.50	J-55	4,056.23	12.0	4,068.2
Pump Seating Nipple	1	2 7/8				1.10	4,068.2	4,069.3
On-Off Tool	1	2 7/8				1.90	4,069.3	4,071.2
Packer	1	5 1/2				6.92	4,071.2	4,078.2
Cross Over	1	2 3/8				0.50	4,078.2	4,078.7
Tubing Pup Joint	1	2 3/8				4.15	4,078.7	4,082.8
XN Nipple	1	2 3/8				1.82	4,082.8	4,084.6

**Rod Strings**

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

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
6	GB4 Sands, Original Hole	4,116	4,126	4	120		9/14/2005
6	GB6 Sands, Original Hole	4,152	4,162	4	120		9/14/2005
5	D1 Sands, Original Hole	4,677	4,689	4	120		9/14/2005
4	C Sands, Original Hole	4,790	4,812	4	120		9/14/2005
4	C Sands, Original Hole	4,826	4,830	4	120		9/14/2005
3	B2 Sands, Original Hole	4,953	4,956	4	120		9/14/2005
3	A1 Sands, Original Hole	5,032	5,038	4	120		9/14/2005
3	A3 Sands, Original Hole	5,061	5,064	4	120		9/14/2005
2	LODC Sands, Original Hole	5,176	5,208	4	120		9/13/2005
2	LODC Sands, Original Hole	5,240	5,247	4	120		9/13/2005
2	LODC Sands, Original Hole	5,267	5,277	4	120		9/13/2005
2	LODC Sands, Original Hole	5,286	5,299	4	120		9/13/2005
2	LODC Sands, Original Hole	5,349	5,358	4	120		9/13/2005
1	CP1 Sands, Original Hole	5,510	5,516	4	120		9/1/2005
1	CP2 Sands, Original Hole	5,682	5,690	4	120		9/1/2005

**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	1,800	0.76	23.5	1,829			
2	2,200	0.85	41.3	2,170			
3	1,720	0.78	23.3	2,256			



**NEWFIELD**

# **Newfield Wellbore Diagram Data** **Ashley 16-14-9-15**

**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)
4	2,000	0.85	23.3	2,034			
5	2,300	0.93	23.3	2,273			
6	2,100	0.94	23.3	1,880			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 29851 lb
2		Proppant White Sand 252448 lb
3		Proppant White Sand 28994 lb
4		Proppant White Sand 74183 lb
5		Proppant White Sand 57905 lb
6		Proppant White Sand 46647 lb

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-14-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0620 FSL 0645 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013326670000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 2:00 PM on 06/18/2014.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b>   <b>Date:</b> _____  <b>By:</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2014	



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-372

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 16-14-9-15  
**Location:** Section 14, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32667  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 22, 2011.
2. Maximum Allowable Injection Pressure: 1,687 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,974' – 6,035')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

6/17/2014  
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

March 22, 2011

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 16-14-9-15, Section 14, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32667

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

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

Sincerely,

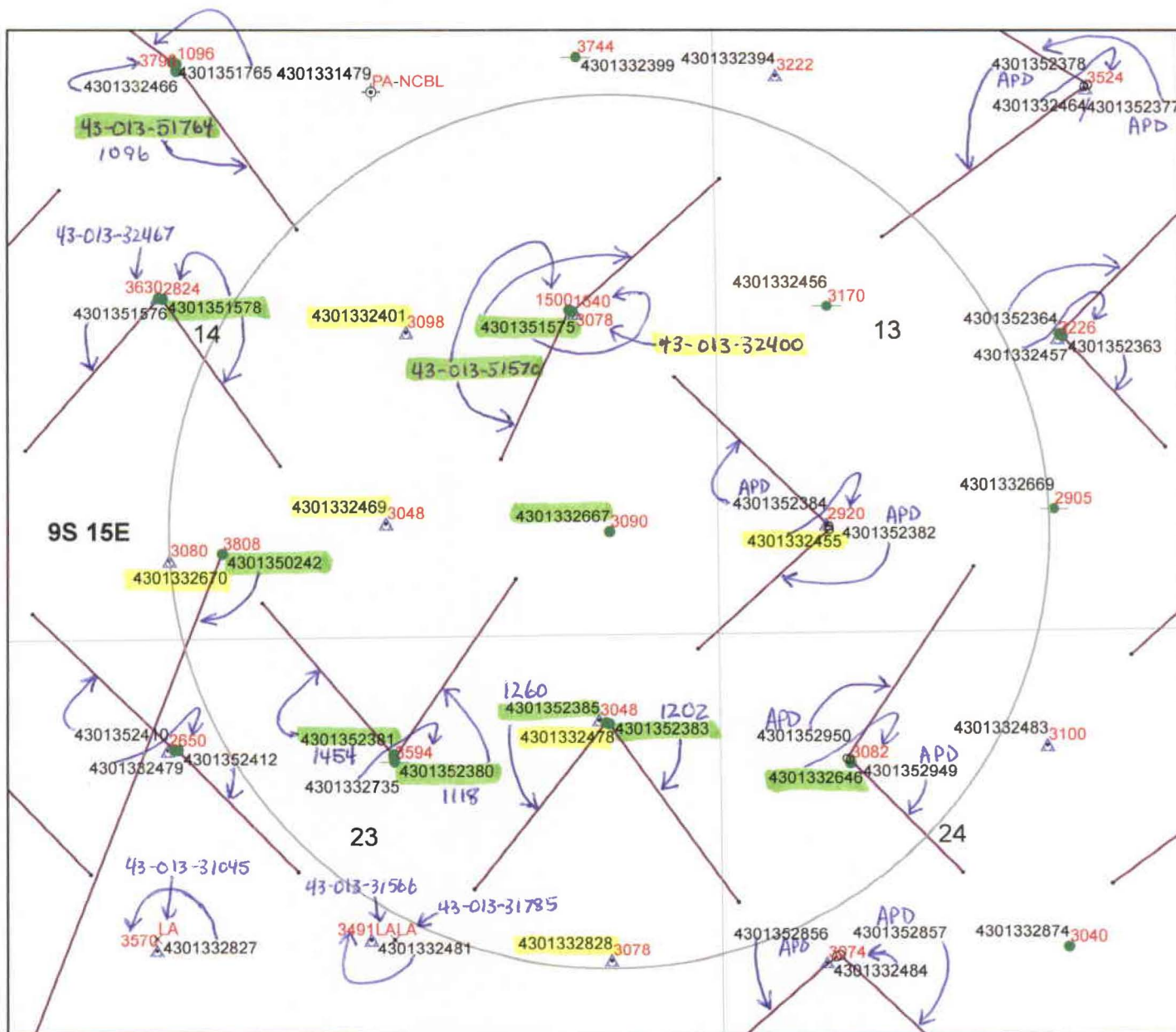
John Rogers  
Associate Director

JR/MLR/js

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

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





### Legend

#### Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- ✂ GIW-Gas Injection Well
- <sub>CS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- ~~SGW-Shut-in Gas Well~~ in AOR
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ✂ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- △ WIW-Water Injection Well in AOR
- WSW-Water Supply Well

## Cement Bond Tops Ashley Federal 16-14-9-15 API #43-013-32667 UIC-372.9

(updated 6/11/2014)

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:** Ashley Federal 16-14-9-15

**Location:** 14/9S/15E      **API:** 43-013-32667

**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 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,081 feet. A cement bond log demonstrates adequate bond in this well up to about 3,090 feet. A 2 7/8 inch tubing with a packer will be set at 4,066 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (6/11/2014), on the basis of surface locations, there are 9 producing wells, 4 injection wells, and 2 shut-in wells in the AOR. One of the producing wells is horizontally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there is 1 currently permitted surface location inside the AOR, from which a directional well will be drilled to a bottom hole location outside the AOR and 1 approved surface location outside the AOR for a directional well with a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**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 1800 feet. Injection shall be limited to the interval between 3,974 feet and 6,035 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-14-9-15 well is 0.77 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,687 psig. The requested maximum pressure is 1,687 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.

**Ashley Federal 16-14-9-15**  
**page 2**

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 3/1/2011 (revised 6/11/2014)



PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/1/2011

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	ADORDER# / INVOICE NUMBER		
8015385340	0000667853 /		
SCHEDULE			
Start 02/28/2011	End 02/28/2011		
CUST. REF. NO.			
Cause # UIC-372			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES			
SIZE			
82	Lines	2.00	COLUMN
TIMES		RATE	
3			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		210.00	

AFFIDAVIT OF PUBLICATION

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-372

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 14, AND 15 TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 1, 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 for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Ashley Federal 2-13-9-15 well located in NW/4 NE/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 4-13-9-15 well located in NW/4 NW/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 6-13-9-15 well located in SE/4 NW/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 8-13-9-15 well located in SE/4 NE/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 10-13-9-15 well located in NW/4 SE/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 12-13-9-15 well located in NW/4 SW/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 14-13-9-15 well located in SE/4 SW/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 16-13-9-15 well located in SE/4 SE/4, Section 13, Township 9 South, Range 15 East;  
Ashley Federal 2-14-9-15 well located in NW/4 NE/4, Section 14, Township 9 South, Range 15 East;  
Ashley Federal 4-14-9-15 well located in NW/4 NW/4, Section 14, Township 9 South, Range 15 East;  
Ashley Federal 6-14-9-15 well located in SE/4 NE/4, Section 14, Township 9 South, Range 15 East;  
Ashley Federal 8-14-9-15 well located in SE/4 SE/4, Section 14, Township 9 South, Range 15 East;  
Ashley Federal 10-14-9-15 well located in NW/4 NE/4, Section 15, Township 9 South, Range 15 East;  
Monument Butte 1-23 well located in NE/4 SW/4, Section 1, Township 9 South, Range 16 East.

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 23rd day of February, 2011.

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

667853 UPXLP

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-372 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 02/28/2011 End 02/28/2011

SIGNATURE

*Sally Taylor*

3/1/2011

VIRGINIA CRIST  
Notary Public, State of Utah  
Commission 1591438  
My Commission Expires  
January 12, 2014  
*Virginia Crist*

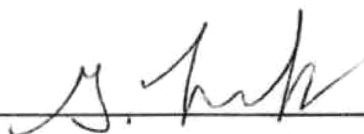
THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT



# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR 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 1 day of March, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of March, 20 11, 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.



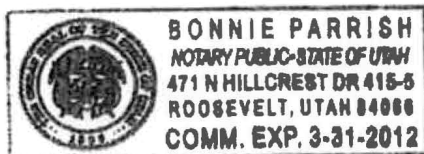
Editor

Subscribed and sworn to before me this

2 day of March, 20 11



Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-372

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 14, AND 15 TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 1, 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 for administrative approval of the following

wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 2-13-9-15 well located in NW/4 NE/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 4-13-9-15 well located in NW/4 NW/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 6-13-9-15 well located in SE/4 NW/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 8-13-9-15 well located in SE/4 NE/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 10-13-9-15 well located in NW/4 SE/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 12-13-9-15 well located in NW/4 SW/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 14-13-9-15 well located in SE/4 SW/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 16-13-9-15 well located in SE/4 SE/4, Section 13, Township 9 South, Range 15 East

Ashley Federal 2-14-9-15 well located in NW/4 NE/4, Section 14, Township 9 South, Range 15 East

Ashley Federal 4-14-9-15 well located in NW/4 NW/4, Section 14, Township 9 South, Range 15 East

Ashley Federal 8-14-9-15 well located in SE/4 NE/4, Section 14, Township 9 South, Range 15 East

Ashley Federal 16-14-9-15 well located in SE/4 SE/4, Section 14, Township 9 South, Range 15 East

Ashley Federal 2-15-9-15 well located in NW/4 NE/4, Section 15, Township 9 South, Range 15 East

Monument Butte 1-23 well located in NE/4 SW/4, Section 1, Township 9 South, Range 16 East

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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-372

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 14, AND 15 TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 1, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Monument Butte 1-23 well located in NE/4 SW/4, Section 1, Township 9 South, Range 16 East


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 23rd day of February, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 2-13-9-15, ASHLEY FEDERAL 4-13-9-15,  
ASHLEY FEDERAL 6-13-9-15, ASHLEY FEDERAL 8-13-9-15,  
ASHLEY FEDERAL 10-13-9-15, ASHLEY FEDERAL 12-13-9-15,  
ASHLEY FEDERAL 14-13-9-15, ASHLEY FEDERAL 16-13-9-15,  
ASHLEY FEDERAL 2-14-9-15, ASHLEY FEDERAL 4-14-9-15,  
ASHLEY FEDERAL 8-14-9-15, ASHLEY FEDERAL 16-14-9-15,  
ASHLEY FEDERAL 2-15-9-15, MONUMENT BUTTE 1-23**

**Cause No. UIC-372**

Publication Notices were sent to the following:

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

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

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

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 24, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-372

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](mailto: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





GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 24, 2011

Via e-mail: [naclegal@mediaoneutah.com](mailto: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-372

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](mailto: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



**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-372**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 2/24/2011 12:22 PM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-372

---

Ad #667853 is scheduled to run February 28th in Salt Lake Tribune and Online  
utahlegals.com .

Total charge is \$210.00. Please check the ad in the paper.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Thursday, February 24, 2011 11:28 AM  
**To:** naclegal@mediaoneutah.com





February 4, 2011

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #16-14-9-15  
Monument Butte Field, Lease #UTU-68548  
Section 14-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #16-14-9-15 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,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and extends horizontally across the page.

Eric Sundberg  
Regulatory Lead

RECEIVED

FEB 10 2011

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #16-14-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-68548**  
**FEBRUARY 4, 2011**

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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: Ashley Federal #16-14-9-15  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-68548  
Well Location: QQ SESE section 14 township 9S range 15E county Duchesne

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

Will the proposed well be used for:                      Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
   Disposal? . . . . . Yes [ ] No [ X ]  
   Storage? . . . . . Yes [ ] No [ X ]

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

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


Date of test: \_\_\_\_\_  
API number: 43-013-32667

Proposed injection interval:              from              3974              to              6035  
Proposed maximum injection:              rate              500 bpd              pressure              1687              psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

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

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

Name: Eric Sundberg    Signature   
Title Regulatory Lead    Date 2/9/11  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Ashley Federal 16-14-9-15

Spud Date: 6-28-05  
Put on Production: 9-22-05  
GL: 6273' KB: 6285'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.22')  
DEPTH LANDED: 313.07' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

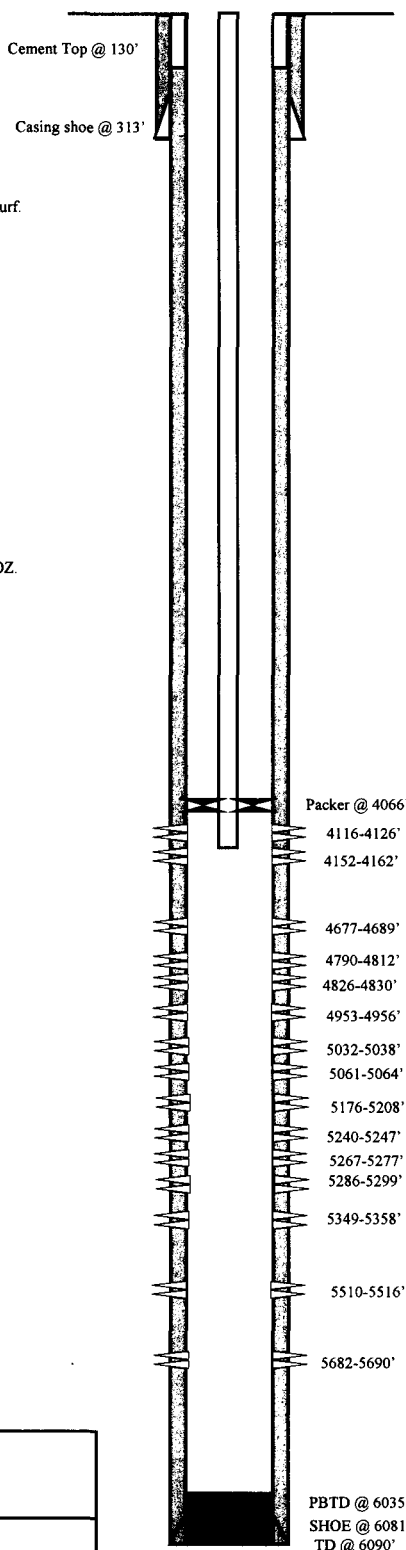
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts. (6082.17')  
DEPTH LANDED: 6081.42' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 130'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5641.41')  
TUBING ANCHOR: 5657.62' KB  
NO. OF JOINTS: 1 jts (31.38")  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5687.59'  
NO. OF JOINTS: 2 jts (62.56')  
TOTAL STRING LENGTH: EOT @ 5751.70' KB

## Proposed Injection Wellbore Diagram



Initial Production: 100 BOPD,  
38 MCFD, 131 BWPD

## FRAC JOB

9-13-05	5510-5690'	<b>Frac CP1 &amp; CP2 sand as follows:</b> 29851#s 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 1487 psi w/avg rate of 23.5 BPM. ISIP 1800 psi. Calc flush: 5508 gal. Actual flush: 5540 gal.
9-14-05	5176-5358'	<b>Frac LODC sand as follows:</b> 252448#s 20/40 sand in 1653 bbls Lightning 17 frac fluid. Treated @ avg press of 1897 psi w/avg rate of 41.3 BPM. ISIP 2200 psi. Calc flush: 5174 gal. Actual flush: 5208 gal.
9-14-05	5032-5064'	<b>Frac A1 &amp; A3, sand as follows:</b> 28994#s 20/40 sand in 308 bbls Lightning 17 frac fluid. Treated @ avg press of 1846 psi w/avg rate of 23 BPM. ISIP 1720 psi. Calc flush: 5030 gal. Actual flush: 4998 gal.
9-14-05	4790-4830'	<b>Frac C sand as follows:</b> 74183#s 20/40 sand in 570 bbls Lightning 17 frac fluid. Treated @ avg press of 1487 psi w/avg rate of 23 BPM. ISIP 2000 psi. Calc flush: 4788 gal. Actual flush: 4830 gal.
9-14-05	4677-4689'	<b>Frac D1 sand as follows:</b> 57905#s 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 23 BPM. ISIP 2300 psi. Calc flush: 4645 gal. Actual flush: 4662 gal.
9-14-05	4116-4162'	<b>Frac GB4 &amp; GB6 sand as follows:</b> 46647#s 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1641 psi w/avg rate of 23 BPM. ISIP 2100 psi. Calc flush: 4114 gal. Actual flush: 4032 gal.
02-09-2007		<b>Pump Change:</b> Updated rod and tubing detail.
7/25/08		<b>Pump Change:</b> Updated rod & tubing details.
11/19/08		<b>Tubing Leak:</b> Updated rod & tubing details.

## PERFORATION RECORD

9-1-05	5510-5516'	4 JSPF	24 holes
9-1-05	5682-5690'	4 JSPF	32 holes
9-13-05	5176-5208'	4 JSPF	128 holes
9-13-05	5240-5247'	4 JSPF	28 holes
9-13-05	5267-5277'	4 JSPF	40 holes
9-13-05	5286-5299'	4 JSPF	52 holes
9-13-05	5349-5358'	4 JSPF	36 holes
9-14-05	5061-5064'	4 JSPF	12 holes
9-14-05	5032-5038'	4 JSPF	24 holes
9-14-05	4953-4956'	4 JSPF	12 holes
9-14-05	4826-4830'	4 JSPF	16 holes
9-14-05	4790-4812'	4 JSPF	88 holes
9-14-05	4677-4689'	4 JSPF	48 holes
9-14-05	4116-4126'	4 JSPF	40 holes
9-14-05	4152-4162'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 16-14-9-15  
620' FSL & 645' FEL  
SE/SE Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32667; Lease #UTU-68548

## **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 17<sup>th</sup> 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 Ashley Federal #16-14-9-15 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 Ashley Federal #16-14-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3974' - 6035'). 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 3631' and the TD is at 6090'.

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

The referenced log for the Ashley Federal #16-14-9-15 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-68548) 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 313' KB, and 5-1/2", 15.5# casing run from surface to 6081' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1687 psig.

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

The minimum fracture gradient for the Ashley Federal #16-14-9-15, for existing perforations (4116' - 5690') calculates at 0.77 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 1687 psig. We may add additional perforations between 3631' and 6090'. See Attachments G and G-1.

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

In the Ashley Federal #16-14-9-15, the proposed injection zone (3974' - 6035') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-11.

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

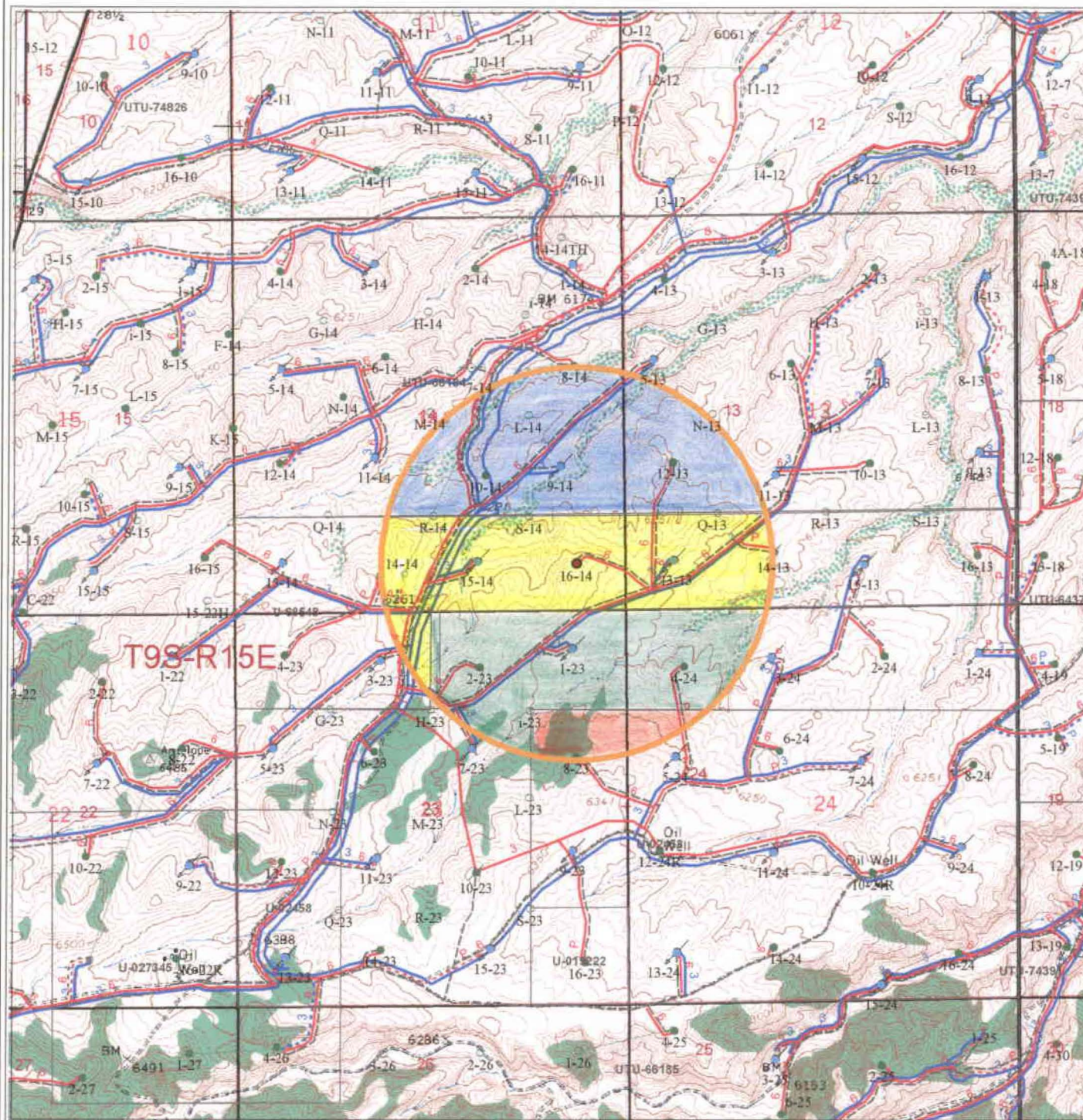
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

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

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





- 16\_14\_9\_15
- Well Status
  - Location
  - ⊕ CTI
  - ⊙ Surface Spud
  - ⊕ Drilling
  - ⊕ Waiting on Completion
  - Producing Oil Well
  - ⊕ Producing Gas Well
  - ⊕ Water Injection Well
  - ⊕ Dry Hole
  - ⊕ Temporarily Abandoned
  - ⊕ Plugged & Abandoned
  - ⊕ Shut In
- Countyline
- 16\_14\_9\_15\_Buffer
- Injection system
  - high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Leases
- Mining tracts
- Gas Pipelines
  - Gathering lines
  - ⋯ Proposed lines

UTU-68548

UTU-66184

UTU-66185

UTU-02458

Ashley 16-14  
Section 14, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS



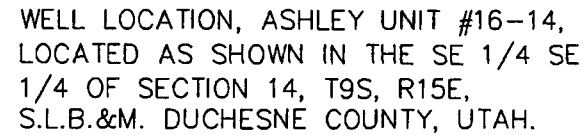
1/2 Mile Radius Map  
Duchesne & Uintah Counties

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

January 17, 2011



*INLAND PRODUCTION COMPANY*



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


STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 180377  
STATE OF UTAH

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SURVEYED BY: D.J.S.

DRAWN BY: F.T.M.

FILE #

 = SECTION CORNERS LOCATED

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

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R15E SLM</u> Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 (SESW) Section 22: Lot 1 (NWNW), E2NW, NE Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R15E SLM</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3 (E2NW, NESW), E2	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T9S,R15E SLM</u> Section 22: Lots 2-4 (SWNW, W2SW), E2SW Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: Lots 1-2 (W2NW), E2NW, S2NE, SE	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T9S,R15E SLM</u> Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA



ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #16-14-9-15

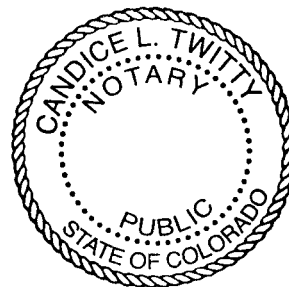
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 9<sup>th</sup> day of February, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



## Ashley Federal 16-14-9-15

Spud Date: 6-28-05  
Put on Production: 9-22-05

GL: 6273' KB: 6285'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.22')  
DEPTH LANDED: 313.07' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

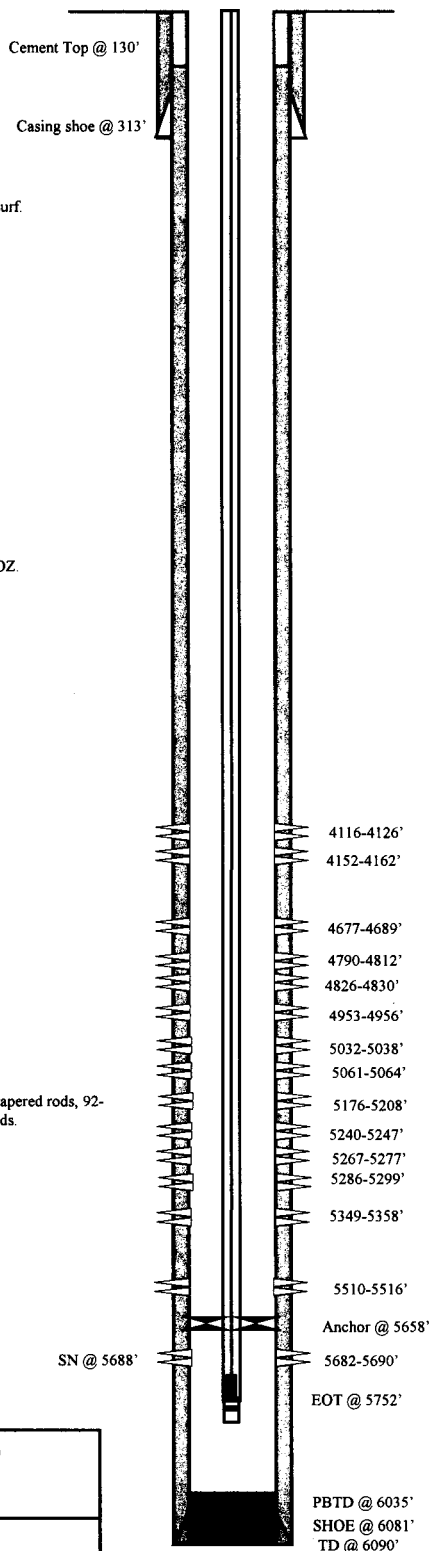
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts. (6082.17')  
DEPTH LANDED: 6081.42' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 130'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5641.41')  
TUBING ANCHOR: 5657.62' KB  
NO. OF JOINTS: 1 jts (31.38')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5687.59'  
NO. OF JOINTS: 2 jts (62.56')  
TOTAL STRING LENGTH: EOT @ 5751.70' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-8", 1-4", 1-2" x 3/4" pony rods 98- 3/4" scraped rods, 92- 3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 18" RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

**Wellbore Diagram**

Initial Production: 100 BOPD,  
38 MCFD, 131 BWPD

**FRAC JOB**

9-13-05 5510-5690' **Frac CP1 & CP2 sand as follows:**  
29851#s 20/40 sand in 334 bbls Lightning  
17 frac fluid. Treated @ avg press of 1487 psi  
w/avg rate of 23.5 BPM. ISIP 1800 psi. Calc  
flush: 5508 gal. Actual flush: 5540 gal.

9-14-05 5176-5358' **Frac LODC sand as follows:**  
252448#s 20/40 sand in 1653 bbls Lightning  
17 frac fluid. Treated @ avg press of 1897 psi  
w/avg rate of 41.3 BPM. ISIP 2200 psi. Calc  
flush: 5174 gal. Actual flush: 5208 gal.

9-14-05 5032-5064' **Frac A1 & A3, sand as follows:**  
28994#s 20/40 sand in 308 bbls Lightning  
17 frac fluid. Treated @ avg press of 1846 psi  
w/avg rate of 23 BPM. ISIP 1720 psi. Calc  
flush: 5030 gal. Actual flush: 4998 gal.

9-14-05 4790-4830' **Frac C sand as follows:**  
74183#s 20/40 sand in 570 bbls Lightning  
17 frac fluid. Treated @ avg press of 1487 psi  
w/avg rate of 23 BPM. ISIP 2000 psi. Calc  
flush: 4788 gal. Actual flush: 4830 gal.

9-14-05 4677-4689' **Frac D1 sand as follows:**  
57905#s 20/40 sand in 468 bbls Lightning  
17 frac fluid. Treated @ avg press of 1760 psi  
w/avg rate of 23 BPM. ISIP 2300 psi. Calc  
flush: 4645 gal. Actual flush: 4662 gal.

9-14-05 4116-4162' **Frac GB4 & GB6 sand as follows:**  
46647#s 20/40 sand in 443 bbls Lightning  
17 frac fluid. Treated @ avg press of 1641 psi  
w/avg rate of 23 BPM. ISIP 2100 psi. Calc  
flush: 4114 gal. Actual flush: 4032 gal.

02-09-2007

**Pump Change:** Updated rod and tubing detail.

7/25/08

Pump Change. Updated rod & tubing details.

11/19/08

Tubing Leak. Updated rod & tubing details.

**PERFORATION RECORD**

9-1-05	5510-5516'	4 JSPF	24 holes
9-1-05	5682-5690'	4 JSPF	32 holes
9-13-05	5176-5208'	4 JSPF	128 holes
9-13-05	5240-5247'	4 JSPF	28 holes
9-13-05	5267-5277'	4 JSPF	40 holes
9-13-05	5286-5299'	4 JSPF	52 holes
9-13-05	5349-5358'	4 JSPF	36 holes
9-14-05	5061-5064'	4 JSPF	12 holes
9-14-05	5032-5038'	4 JSPF	24 holes
9-14-05	4953-4956'	4 JSPF	12 holes
9-14-05	4826-4830'	4 JSPF	16 holes
9-14-05	4790-4812'	4 JSPF	88 holes
9-14-05	4677-4689'	4 JSPF	48 holes
9-14-05	4116-4126'	4 JSPF	40 holes
9-14-05	4152-4162'	4 JSPF	40 holes



**Ashley Federal 16-14-9-15**  
620' FSL & 645' FEL  
SE/SE Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32667; Lease #UTU-68548

## Ashley Federal 9-14-9-15

Spud Date: 9/28/2004  
Put on Production: 12/9/2004  
GL: 6168' KB: 6180'

Initial Production: BOPD,  
MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (326.43')  
DEPTH LANDED: 336.43' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (5990.84')  
DEPTH LANDED: 5988.84' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 285 sxs Prem. Lite II & 400 sxs 50/50 POZ mix.  
CEMENT TOP AT: 140'

#### TUBING

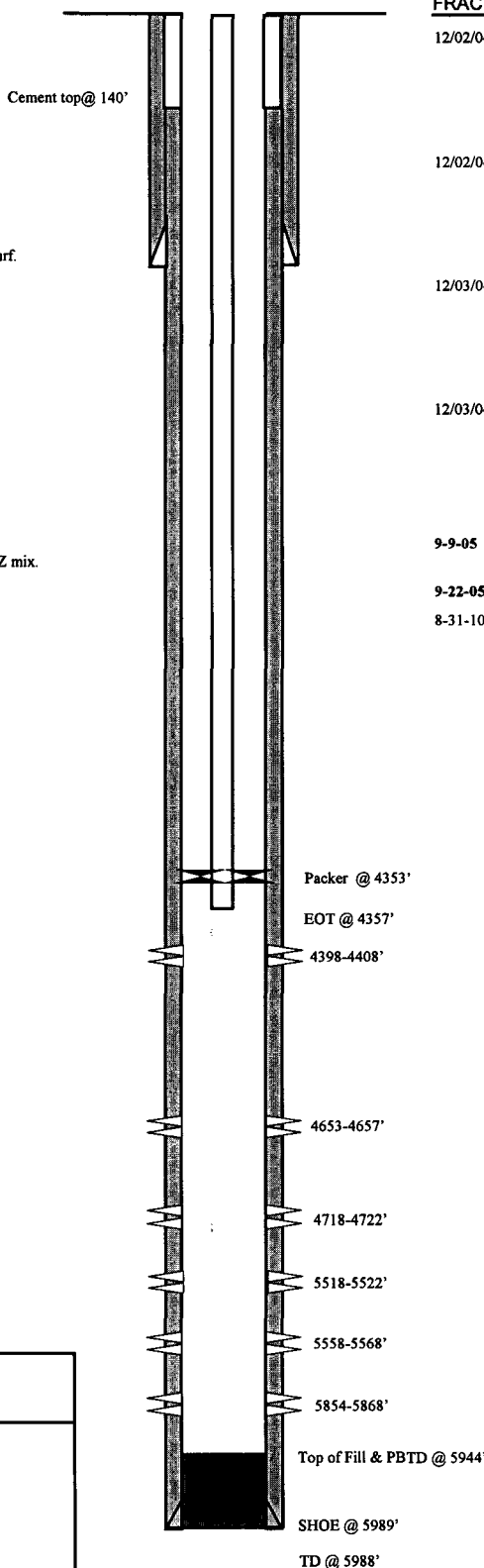
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 133 jts (4336.43')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 4349.53' KB  
PACKER: 4352.78' KB  
TOTAL STRING LENGTH: EOT @ 4357.01 KB

#### FRAC JOB

12/02/04	5854-5868'	<b>Frac CP5 sands as follows:</b> 34,264# 20/40 sand in 362 bbls Lightning 17 frac fluid. Treated @ avg press of 1621 psi w/avg rate of 24.7BPM. ISIP: 1945 psi. Calc. flush: 5852 gals. Actual flush: 5851 gals.
12/02/04	5518-5568'	<b>Frac CP1 and CP.5 sands as follows:</b> 39,397# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 1906 psi w/avg rate of 25 BPM. ISIP: 1945 psi. Calc. flush: 5516 gals. Actual flush: 5502 gals.
12/03/04	4653-4722'	<b>Frac D3 and D1 sands as follows:</b> 18,804# 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2019 psi w/avg rate of 24.7BPM. ISIP: 2100 psi. Calc. flush: 4651 gals. Actual flush: 4649 gals.
12/03/04	4398-4408'	<b>Frac PB 10 sands as follows:</b> 22,970# 20/40 sand in 253 bbls lightning Frac 17 fluid. Treated @ avg press of 2230 psi w/avg rate of 14.4 BPM. ISIP 2400 psi. Calc flush: 4396 gal. Actual flush: 4309 gal.
9-9-05		<b>Injection Conversion.</b> Update rod and tubing details.
9-22-05		<b>MIT complete.</b>
8-31-10		5 yr MIT

#### PERFORATION RECORD

11/22/04	5854-5868'	4 JSPF	56 holes
12/02/04	5558-5568'	4 JSPF	40 holes
12/02/04	5518-5522'	4 JSPF	16 holes
12/02/04	4718-4722'	4 JSPF	16 holes
12/02/04	4653-4657'	4 JSPF	16 holes
12/03/04	4398-4408'	4 JSPF	40 holes



### NEWFIELD

#### Ashley Federal 9-14-9-15

1940' FSL 854' FEL

NE/SE Section 14-T9S-R15E

Duchesne Co., Utah

API# 43-013-32400; Lease # UTU-66184

## Ashley Federal 10-14-9-15

Spud Date: 10/19/04  
 Put on Production: 12/21/04  
 GL: 6216' KB: 6228'

Injection Wellbore  
DiagramSURFACE CASING

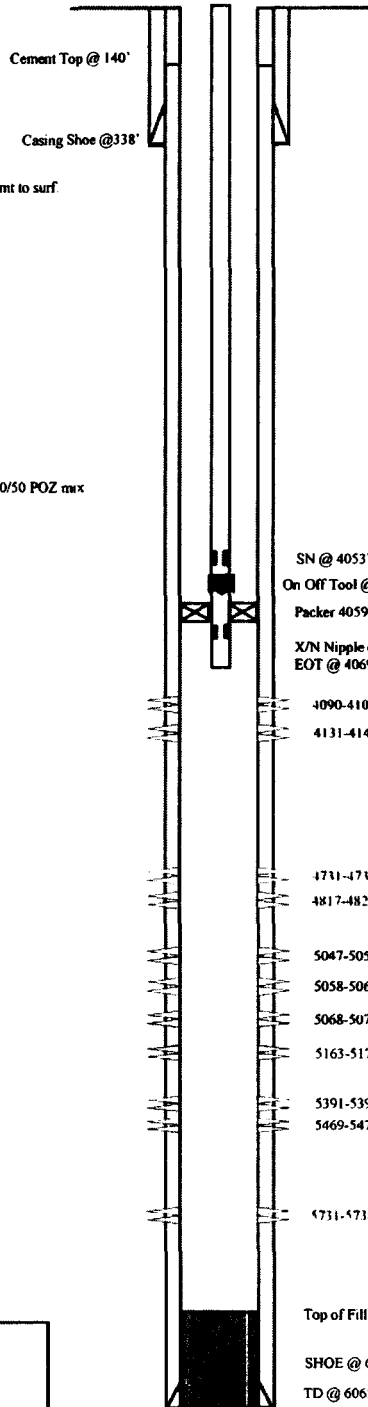
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (327.97')  
 DEPTH LANDED: 337.97' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts (6055.21')  
 DEPTH LANDED: 6053.21' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem Lite II mixed & 400 sxs 50/50 POZ mix  
 CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO OF JOINTS: 125 jts (4041')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4053' KB  
 ON/OFF TOOL AT: 4054.1'  
 ARROW #1 PACKER CE AT: 4059.31'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4063'  
 TBG PUP 2-3/8 J-55 AT: 4063.6'  
 X/N NIPPLE AT: 4067.7'  
 TOTAL STRING LENGTH: EOT @ 4069'

FRAC JOB

12/13/04 5391-5477' Frac LODC sands as follows:  
 28,747# 20/40 sand in 214 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 3106 psi  
 w/avg rate of 24.4 BPM Screened out

12/15/04 5163-5173' Frac LODC sands as follows:  
 13,964# 20/40 sand in 216 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1991 psi  
 w/avg rate of 14.1 BPM ISIP 2125 psi Calc  
 flush: 5161 gal Actual flush: 5166 gal

12/15/04 4731-4824' Frac C and D3 sands as follows:  
 29,037# 20/40 sand in 301 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2279 psi  
 w/avg rate of 24.6 BPM ISIP 1960 psi Calc  
 flush: 4729 gal Actual flush: 4746 gal

12/16/04 4090-4146' Frac GB2 and GB4 sands as follows:  
 84,549# 20/40 sand in 634 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1708 psi  
 w/avg rate of 24.6 BPM ISIP 1930 psi Calc  
 flush: 4088 gal Actual flush: 4003 gal

07/12/08 Stuck pump. Rod & tubing detail updated  
 6/17/09 Tubing Leak. Updated r & t details  
 08/18/10 Change polish rod. Rod & tubing updated

12/06/2010 5731-5738' Frac CP3 sands as follows: Frac 9507#  
 of 20/40 sand in 98 bbls Lightning 17

12/06/2010 5047-5070' Frac A1 sands as follows: Frac 48756#  
 of 20/40 sand in 273 bbls Lightning 17

12/09/10 Re-Completion Finalized - updated tbg and  
 rod detail

10/31/12 Convert to Injection Well  
 11/01/12 Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
12/9/04	5469'-5477'	4 JSFP	32 holes
12/9/04	5391'-5398'	4 JSFP	28 holes
12/15/04	5163'-5173'	4 JSFP	40 holes
12/15/04	4817'-4824'	4 JSFP	28 holes
12/15/04	4731'-4736'	4 JSFP	20 holes
12/15/04	4131'-4146'	4 JSFP	60 holes
12/15/04	4090'-4102'	4 JSFP	48 holes
12/06/10	5731'-5738'	3 JSFP	21 holes
12/06/10	5047'-5051'	3 JSFP	12 holes
12/06/10	5058'-5060'	3 JSFP	6 holes
12/06/10	5068'-5070'	3 JSFP	6 holes



Ashley Federal 10-14-9-15  
 1824' FSL & 1864' FEL  
 NW/SE Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32401; Lease #UTU-66184

## ASHLEY FEDERAL 15-14-9-15

Spud Date: 10/20/04

Put on Production: 12/28/04

GL: 6227' KB: 6239'

Initial Production: BOPD,  
MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (293.95')

DEPTH LANDED: 303.95' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 150sxs Class "G" mixed cmt, est 2 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (6017.02')

DEPTH LANDED: 6015.02' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.

CEMENT TOP AT: 240'

#### TUBING

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

NO. OF JOINTS: 125 jts (4060.69')

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

SN LANDED AT: 4072.69' KB

TOTAL STRING LENGTH: EOT @ 4081.29' w/ 12' KB

Cement Top @ 240'

Packer @ 4077

EOT @ 4081'

4101-4120'

4164-4173'

4609-4616'

4765-4775'

4781-4791'

4915-4923'

5241-5250'

Top of Fill & PBTD @ 5970'

SHOE @ 6015'

TD @ 6025'

#### FRAC JOB

12/20/04 5241-5250'

**Frac LODC sands as follows:**

15,424#s 20/40 sand in 240 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2500 psi  
w/avg rate of 24.5 BPM. ISIP 2280. Calc  
flush 5239 gal. Actual flush: 5208 gal.

12/20/04 4915-4923'

**Frac B2 sands as follows:**

19,181# 20/40 sand in 257 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2079 psi  
w/avg rate of 14.3 BPM. ISIP 3300 psi. Calc  
flush: 4913 gal. Actual flush: 4956 gal.

12/21/04 4765-4791'

**Frac C sands as follows:**

47,965# 20/40 sand in 494 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1750 psi  
w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc  
flush: 4763 gal. Actual flush: 4805 gal.

12/21/04 4609-4616'

**Frac D1 sands as follows:**

14,292# 20/40 sand in 213 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2403 psi  
w/avg rate of 14.3 BPM. ISIP 2000 psi. Calc  
flush: 4607 gal. Actual flush: 4603 gal.

12/21/04 4101-4173'

**Frac GB4 & 6 sands as follows:**

121,791# 20/40 sand in 838 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1769 psi  
w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc  
flush: 4099 gal. Actual flush: 4015 gal.

5/18/06

**Well converted to an injection well.**

6/22/06

**MIT completed and submitted.**

#### PERFORATION RECORD

12/17/04	5241-5250'	4 JSPF	36 holes
12/20/04	4915-4923'	4 JSPF	32 holes
12/21/04	4781-4791'	4 JSPF	40 holes
12/21/04	4765-4775'	4 JSPF	40 holes
12/21/04	4609-4616'	4 JSPF	28 holes
12/21/04	4164-4173'	4 JSPF	36 holes
12/21/04	4101-4120'	4 JSPF	76 holes

**NEWFIELD**

**Ashley Federal 15-14-9-15**

664' FSL & 1984' FEL

SW/SE Section 14-T9S-R15E

Duchesne Co, Utah

API #43-473-013-32469; Lease #UTU-68548

CD 6/22/06

## Ashley Federal 2-23-9-15

Spud Date: 6-21-05  
Put on Production: 8-24-05

GL: 6305' KB: 6317'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (300.28')  
DEPTH LANDED: 312 13' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (6100.64')  
DEPTH LANDED: 6099.89' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 400'

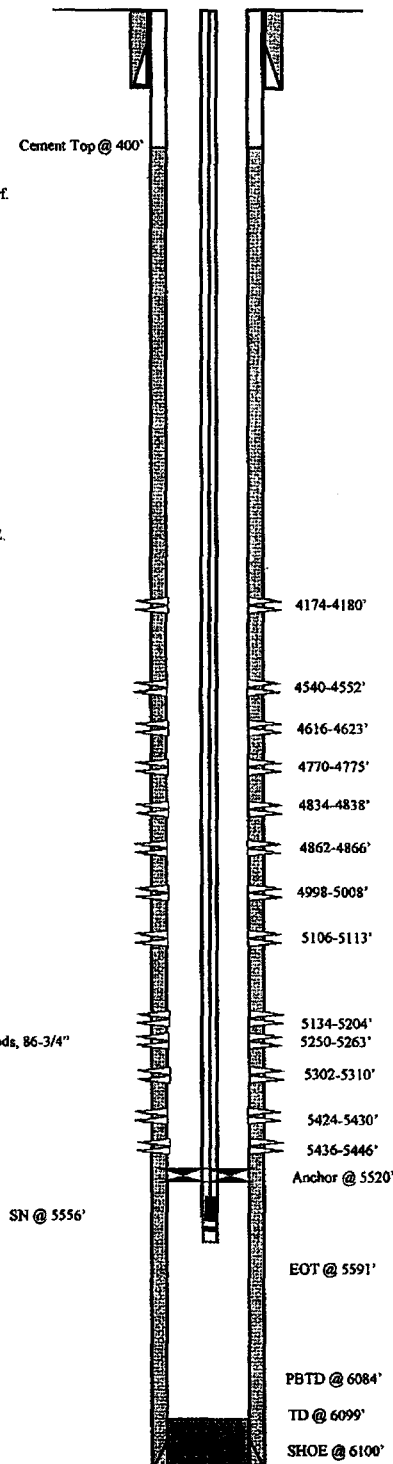
TUBING

SIZE/GRADE/WT.: 2-7/8" / I-55  
NO. OF JOINTS: 166 jts (5508.39')  
TUBING ANCHOR: 5520.39' KB  
NO. OF JOINTS: 1 jts (33.27')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5556.46' KB  
NO. OF JOINTS: 1 jts (33.28')  
TOTAL STRING LENGTH: EOT @ 5591.29' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-8", 1-2 x 3/4 pony rods, 99- 3/4" scraped rods, 86-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

## Wellbore Diagram



Initial Production: 46 BOPD,  
32 MCFD, 92 BWPD

FRAC JOB

8-15-05	5424-5446'	Frac LODC sand as follows: 54896#s 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 2845 psi w/avg rate of 26.5 BPM. Screened out w/3454#s of sand.
8-16-05	5106-5310'	Frac LODC sand as follows: 240230#s 20/40 sand in 1566 bbls Lightning 17 frac fluid. Treated @ avg press of 2358 psi w/avg rate of 39.3 BPM. Calc flush: 5104 gal. Actual flush: 5124 gal.
8-17-05	4998-5088'	Frac A1, sand as follows: 34340#s 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 4996 gal. Actual flush: 5040 gal.
8-17-05	4770-4866'	Frac C, B.S, B1 sand as follows: 34266#s 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 24.9 BPM. ISIP 2120 psi. Calc flush: 4768 gal. Actual flush: 4788 gal.
8-17-05	4616-4623'	Frac D1 sand as follows: 24437#s 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2078 psi w/avg rate of 25 BPM. Screened out w/6.5# sand.
8-18-05	4540-4552'	Frac DS2 sand as follows: 25087#s 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2266 psi w/avg rate of 19.8 BPM. ISIP 2800 psi. Calc flush: 4538 gal. Actual flush: 4536 gal.
8-18-05	4174-4180'	Frac GB6 sand as follows: 26129#s 20/40 sand in 244 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 14.1 BPM. ISIP 3800 psi. Screened out w/9500#s in casing.
1/14/06		Pump change. Update rod and tubing details
12/07/06		Pump Change. Update rod and tubing details.
01/17/07		Pump Change. Update rod and tubing details.
03/21/07		Pump Change. Update rod and tubing details.
9-19-08		Pump change. Updated rod & tubing details.

PERFORATION RECORD

8-8-05	5424-5430'	4 JSFP	24 holes
8-8-05	5436-5446'	4 JSFP	40 holes
8-16-05	5106-5113'	4 JSFP	28 holes
8-16-05	5134-5204'	2 JSFP	140 holes
8-16-05	5250-5263'	4 JSFP	52 holes
8-16-05	5302-5310'	4 JSFP	32 holes
8-17-05	4998-5008'	4 JSFP	40 holes
8-17-05	4770-4775'	4 JSFP	20 holes
8-17-05	4834-4838'	4 JSFP	16 holes
8-17-05	4862-4866'	4 JSFP	16 holes
8-17-05	4616-4623'	4 JSFP	28 holes
8-18-05	4540-4552'	4 JSFP	48 holes
8-18-05	4174-4180'	4 JSFP	24 holes

**NEWFIELD**

Ashley Federal 2-23-9-15  
754' FNL & 1957' FEL  
NWNE Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32735; Lease #UTU-66185

## ASHLEY FEDERAL 1-23-9-15

Spud Date: 12/13/04  
 Put on Production: 02/08/2005  
 GL: 6233' KB: 6245'

Initial Production: 62BOPD,  
 134MCFD, 6BWPD

Injection Wellbore  
Diagram

## FRAC JOB

SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.78')  
 DEPTH LANDED: 309.78'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class G with 2% CaCL.

PRODUCTION CASING

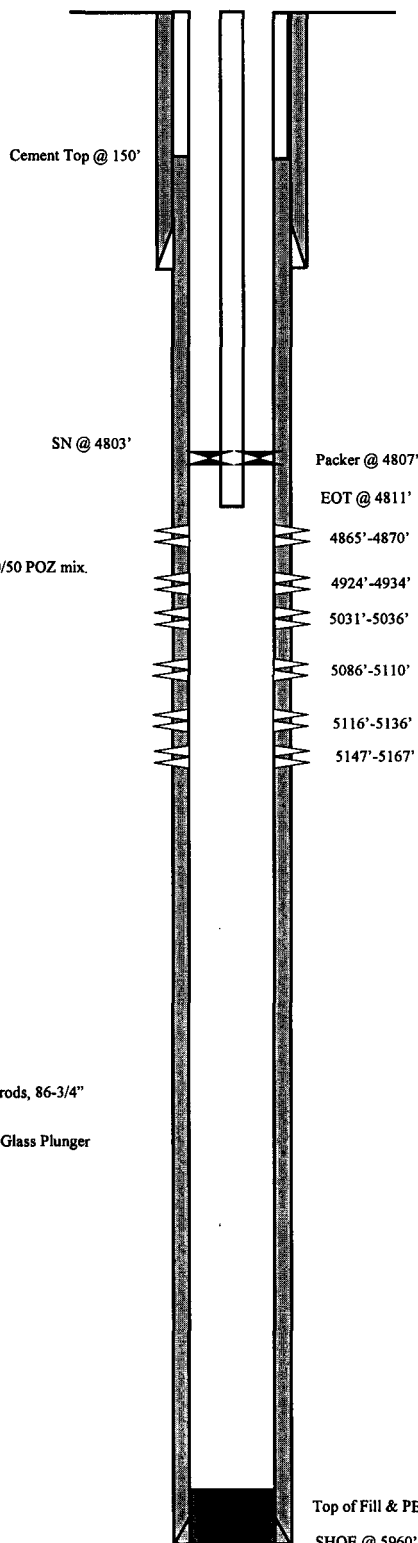
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5961.56')  
 DEPTH LANDED: 5959.56' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 353 sxs Prem. Lite II mixed & 460 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 153 jts (4790.51')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4802.51' KB  
 TOTAL STRING LENGTH: 4811.11' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-8", 1-2 x 3/4 pony rods, 99- 3/4" scraped rods, 86-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12x 16' RHAC w/ 40Ring PA Glass Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, 6 SPM



02/04/05 5031-5167' **Frac A-3 sands/ LODC as follows:**  
 300,629# of 20/40 sand in 1936 bbls lightning  
 Frac 17 fluid. Treated @ avg psi of 2705 psi,  
 w/ avg rate of 40.7 bpm. ISIP 3260 psi. Calc  
 flush: 5029 gal. Actual flush: 4943 gal.

11/28/05 **Re-completion – new perforations**

02/04/05 4865'-4934' **Frac B2 & A.5 sands**  
 102,379#s of 20/40 sand in 715 bbls of  
 Lightning 17 fluid. Broke @ 2250 psi.  
 Treated w/ ave pressure of 2188 psi @ ave  
 rate of 26.1 BPM. ISIP 2430 psi.

5/22/06 **Well converted to an Injection Well.**

6/8/06 **MIT completed and submitted.**

04/24/07 **Workover (tubing leak)**

PERFORATION RECORD

01/27/05	5147-5167'	4 JSPF	40 holes
01/27/05	5116-5136'	4 JSPF	40 holes
01/27/05	5086-5110'	4 JSPF	48 holes
01/27/05	5031-5036'	4 JSPF	10 holes
11/28/05	4924-4934'	4 JSPF	40 holes
11/28/05	4865-4870'	4 JSPF	20 holes



**ASHLEY FEDERAL 1-23-9-15**  
 516' FNL & 709' FEL  
 NE/NE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32478; Lease #UTU-66185



## Ashley Federal 8-23-9-15

Spud Date: 5/30/06  
 Put on Production: 7/6/06  
 GL: 6284' KB: 6296'

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (312.39')  
 DEPTH LANDED: 322.39 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: 136 jts (5982.06')  
 DEPTH LANDED: 5980.06' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ  
 CEMENT TOP AT: 590'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 136 jts (4289.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4301.9' KB  
 ON/OFF TOOL AT: 4303'  
 ARROW #1 PACKER CE AT: 4309'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4312'  
 TBG PUP 2-3/8 J-55 AT: 4312.6'  
 X/N NIPPLE AT: 4316.7'  
 TOTAL STRING LENGTH: EOT @ 4318.23'

FRAC JOB

6/28/06 5662'-5672' Frac CP3 sands as follows:  
 29,959# 20/40 sand in 367 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1718 psi  
 w/avg rate of 25.2 BPM ISIP: 1720 psi Calc  
 flush: 5660 gal Actual flush: 5124 gal

6/28/06 5189'-5249' Frac LODC sands as follows:  
 49,873# 20/40 sand in 503 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2485 psi  
 w/avg rate of 26.1 BPM ISIP: 2370 psi Calc  
 flush: 5187 gal Actual flush: 4662 gal

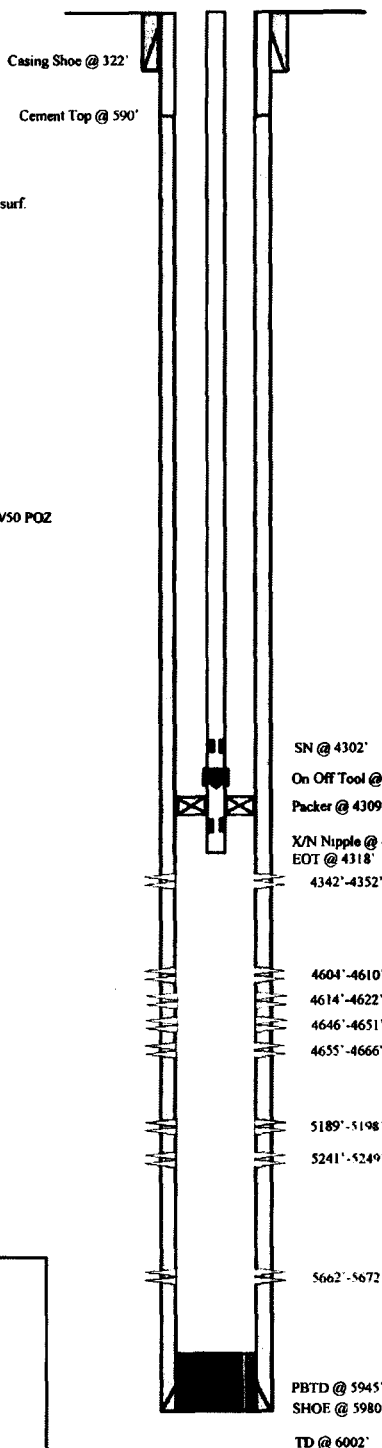
6/28/06 4604'-4666' Frac D1&2 sands as follows:  
 75,344# 20/40 sand in 565 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1824 psi  
 w/avg rate of 25.4 BPM ISIP: 2110 psi Calc  
 flush: 4602 gal Actual flush: 4116 gal

6/28/06 4342'-4352' Frac PB10 sands as follows:  
 22,469# 20/40 sand in 324 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1614 psi  
 w/avg rate of 14.5 BPM ISIP: 1915 psi Calc  
 flush: 4340 gal Actual flush: 4242 gal

09/01/06 Pump Change: Rod & Tubing detail updated  
 11/20/08 Pump Change: Updated rod & tubing details  
 1/21/10 Pump Change: Updated rod and tubing  
 detail  
 06/07/13 Convert to Injection Well  
 06/10/13 Conversion MIT Finalized - update tbg  
 detail

PERFORATION RECORD

6/23/06	5662'-5672'	4 JSPF	40 holes
6/28/06	5241'-5249'	4 JSPF	32 holes
6/28/06	5189'-5198'	4 JSPF	36 holes
6/28/06	4655'-4666'	4 JSPF	44 holes
6/28/06	4646'-4651'	4 JSPF	20 holes
6/28/06	4614'-4622'	4 JSPF	32 holes
6/28/06	4604'-4610'	4 JSPF	24 holes
6/28/06	4342'-4352'	4 JSPF	40 holes



Ashley Federal 8-23-9-15  
 1970 FNL & 665 FEL  
 SE/NE Sec 23, T9S R15E  
 Duchesne County, UT  
 API# 43-013-32828; Lease# UTU-02458

## Ashley Federal 4-24-9-15

Spud Date: 7/21/05  
Put on Production: 9/8/05  
GL: 6207' KB: 6219'

Initial Production: 48 BOPD,  
33 MCFD, 43 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297.38')  
DEPTH LANDED: 307.38' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts. (5952.65')  
DEPTH LANDED: 5950.65' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 340'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 176 jts (5698.66')  
TUBING ANCHOR: 5710.66'  
NO. OF JOINTS: 1 jts (32.53')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5745.99'  
NO. OF JOINTS: 2 jts (65.14')  
TOTAL STRING LENGTH: EOT @ 5812.68'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 98- 3/4" guided rods, 115- 3/4" plain rods, 10- 3/4" guided rods,  
6- 1 1/2" weight bars.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 17' RTBC Mcgyver pump  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

#### FRAC JOB

8/31/05	5784-5798'	<b>Frac CP5 sand as follows:</b> 35,520#'s 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 1504 psi w/avg rate of 23.4 BPM. ISIP 2400 Calc Flush: 5782 gal. Actual Flush 5796 gals.
9/1/05	5593-5664'	<b>Frac CP2&amp;3 sand as follows:</b> 54,984#'s 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1786 psi w/avg rate of 23.2 BPM. ISIP 2400 Calc flush: 5591 gal. Actual flush: 5586 gal.
9/1/05	4845-5005'	<b>Frac B1, A.5, &amp; A3 sand as follows:</b> 150,088#'s 20/40 sand in 1004 bbls Lightning 17 frac fluid. Treated @ avg press of 1542 psi w/avg rate of 23.5 BPM. ISIP 1930 psi. Calc flush: 4843 gal. Actual flush: 4872 gal.
9/1/05	4640-4647'	<b>Frac D2 sand as follows:</b> 31,189#'s 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1740 psi w/avg rate of 23.4 BPM. ISIP 2150 psi. Calc flush: 4638 gal. Actual flush: 4536 gal.
09/30/05		Stuck Pump (sanded in) Detailed rod and tubing details.
10/1/07		Pump change. Updated rod & tubing details.
9/29/09		Tubing Leak. Updated rod & tubing details.

#### PERFORATION RECORD

8/23/05	5784-5798'	4 JSPF	56 holes
8/31/05	5656-5664'	4 JSPF	32 holes
8/31/05	5593-5600'	4 JSPF	28 holes
9/1/05	5003-5005'	4 JSPF	8 holes
9/1/05	4939-4943'	4 JSPF	16 holes
9/1/05	4883-4890'	4 JSPF	28 holes
9/1/05	4855-4870'	4 JSPF	60 holes
9/1/05	4845-4850'	4 JSPF	20 holes
9/1/05	4640-4647'	4 JSPF	28 holes

Cement Top @ 340'

4640-4647'

4845-4850'

4855-4870'

4883-4890'

4939-4943'

5003-5005'

5593-5600'

5656-5664'

Anchor @ 5710.66'

5784-5798'

EOT @ 5812.68'

PBTD @ 5907'

SHOE @ 5951'

TD @ 5960'

SN @ 5745.99'

**NEWFIELD**

Ashley Federal 4-24-9-15  
768' FNL & 797' FWL  
NW/NW Section 24-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32646; Lease #UTU-66185

## Ashley Federal 14-13-9-15

Spud Date: 7/27/05  
Put on Production: 9/24/05  
GL: 6158' KB: 6170'

### Wellbore Diagram

Initial Production: 46 BOPD,  
32 MCFD, 92 BWPD

#### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.2')  
DEPTH LANDED: 314.2' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 160 sks Class G Mix. Est 4 bbls cement to pit

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5978.71')  
DEPTH LANDED: 5976.71' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
CEMENT TOP AT: 91'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 156 jts (4858.15')  
TUBING ANCHOR: 4870.15' KB  
NO. OF JOINTS: 1 jts (31.05')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 4904.00' KB  
NO. OF JOINTS: 2 jts (62.38')  
TOTAL STRING LENGTH: 4967.93' w/ 12' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' polished rod  
SUCKER RODS: 1-8", 1-6", 1-4", 1-2", x 3/4" ponies, 99-3/4" scraped rods,  
80-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods  
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 21' x 24' RHAC pump w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

#### FRAC JOB

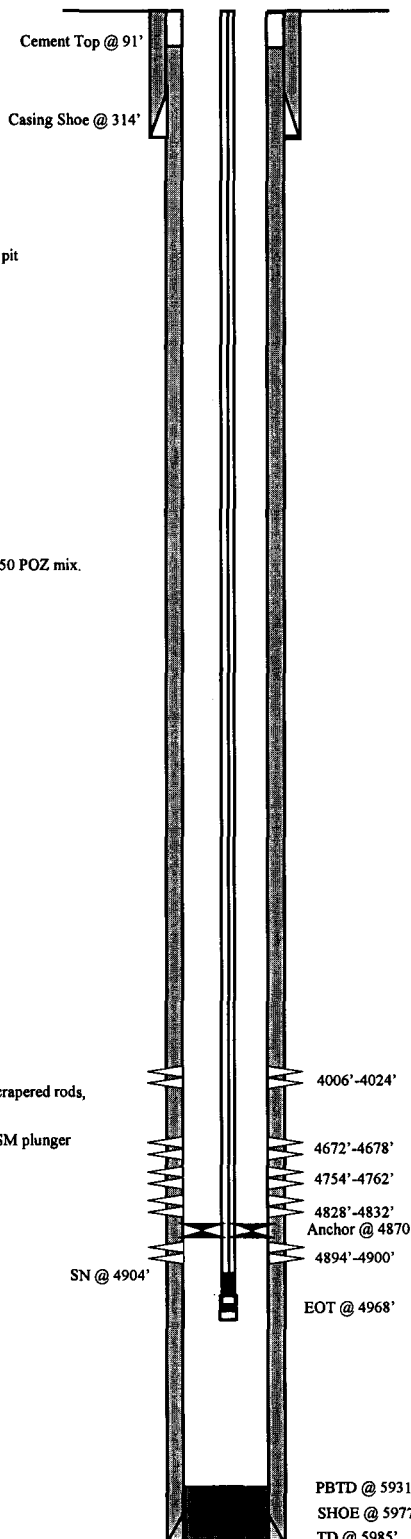
9/19/05 4828'-4900' **Frac B.5 & 2 sands as follows:**  
59,638#'s of 20/40sand in 476 bbls lightning  
17 frac fluid. Treated @ avg press of 1690,  
w/avg rate of 25 bpm. ISIP 2300 psi. Calc  
flush: 4826 gal. Actual flush: 4872 gal.

9/19/05 4754'-4762' **Frac C sands as follows:**  
49,648#'s of 20/40 sand in 418 bbls lightning  
17 frac fluid. Treated @ avg press of 2308,  
w/avg rate of 28.5 bpm. ISIP 3650 psi. Calc  
flush: 4752 gal. Actual flush: 4788 gal.

9/19/05 4672'-4678' **Frac D2 sands as follows:**  
60,644#'s of 20/40 sand in 323 bbls  
lightning 17 frac fluid. Treated @ avg press  
of 1910, w/avg rate of 25.1 bpm. ISIP 2030  
psi. Calc flush: 4670 gal. Actual flush: 4662  
gal.

9/19/05 4006'-4024' **Frac GB2 sands as follows:**  
84,673#'s of 20/40 sand in 583 bbls  
lightning 17 frac fluid. Treated @ avg press  
of 1903, w/avg rate of 25 bpm. ISIP 2610  
psi. Calc flush: 4004 gal. Actual flush: 3906  
gal.

02/08/06 Pump Change. Update tubing and rod details.  
05/29/08 Production log. Updated rod and tubing detail  
4/28/09 RTP . Updated r & t details.



#### PERFORATION RECORD

Date	Interval	ISIP	Holes
9/19/05	4894'-4900'	4 JSPF	24 holes
9/19/05	4828'-4832'	4 JSPF	16 holes
9/19/05	4754'-4762'	4 JSPF	32 holes
9/19/05	4672'-4678'	4 JSPF	24 holes
9/19/05	4006'-4024'	4 JSPF	72 holes

**NEWFIELD**

Ashley Federal 14-13-9-15  
758' FSL & 2020' FWL  
SE/SW Section 13-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32669; Lease #UTU-68548

## Ashley Federal 13-13-9-15

Spud Date: 12/15/04  
Put on Production: 02/16/05  
GL: 6209' KB: 6221'

Initial Production: 22 BOPD,  
92 MCFPD, 14 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.65')  
DEPTH LANDED: 311.65'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sks Class "G" cement, est. 3 bbls cement to surface

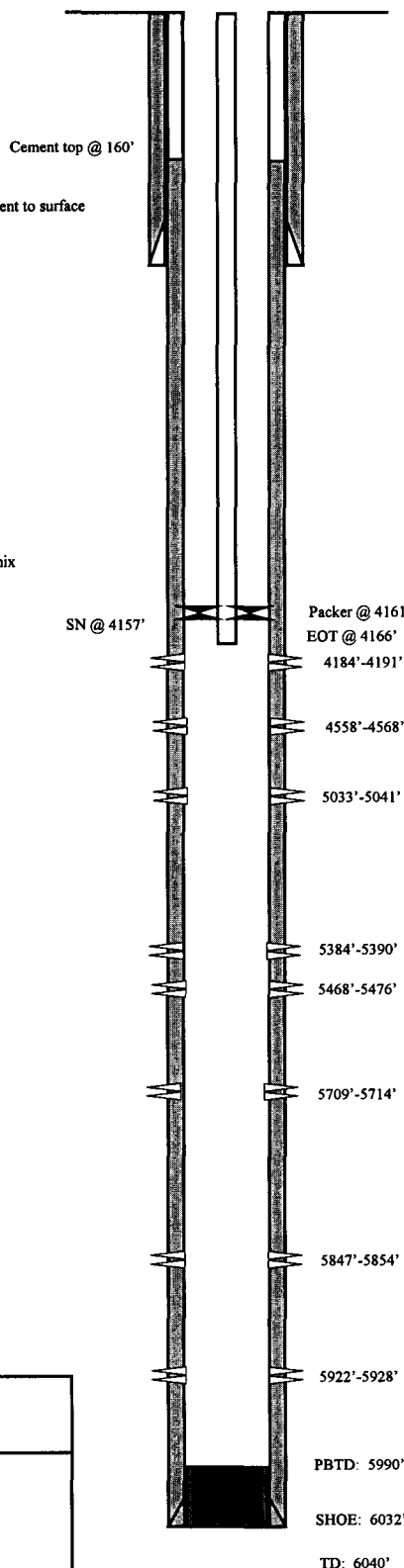
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 143 jts. (6033.78')  
DEPTH LANDED: 6031.78' 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: 131 jts. (4145.18')  
SN LANDED AT: 1.10' (4157.18') KB  
NO. OF JOINTS: 2 jts. (63.63')  
TOTAL STRING LENGTH: 4165.68' w/ 12' KB

### Injection Wellbore Diagram



### FRAC JOB

02/11/05 5709'-5928' **Frac Bsh, CP5 and CP3 sand as follows:**  
25,175#'s of 20/40 sand in 301 bbls lightning 17 frac fluid. Treated w/avg press of 1946 psi, w/avg rate of 24.9 bpm. ISIP 2025 psi. Calc flush: 5707 gal. Actual flush: 5670 gal.

02/11/05 5384'-5476' **Frac LODC sand as follows:**  
20,593#'s of 20/40 sand in 212 bbls lightning 17 frac fluid. Treated w/avg press of 3286 psi, w/ avg rate of 24.5 bpm. Screened out

02/11/05 5033'-5041' **Frac A1 sand as follows:**  
35,788#'s of 20/40 sand in 343 bbls lightning 17 frac fluid. Treated w/avg press of 2141 psi, w/ avg rate of 24.8 bpm. ISIP 2280 psi. Calc flush: 5031 gal. Actual flush: 5040

02/11/05 4558'-4568' **Frac DS2 sand as follows:**  
30,496#'s of 20/40 sand in 299 bbls lightning 17 frac fluid. Treated w/avg press of 2007 psi w/avg rate of 24.8 bpm. ISIP 2250 psi. Calc flush: 4557 gal. Actual flush: 4536 gal.

02/11/05 4184'-4191' **Frac GB6 sand as follows:**  
23,380#'s of 20/40 sand in 238 bbls lightning 17 frac fluid. Treated @ w/avg press of 2114 psi, w/avg rate of 24.9 bpm. ISIP 2000 psi. Calc flush: 4182 gal. Actual flush: 4116 gal.

11/1/05 **Well converted to Injection well.**

11/17/05 **MIT submitted.**

### PERFORATION RECORD

02/04/05	5922'-5928'	4 JSPF	24 holes
02/04/05	5847'-5854'	4 JSPF	28 holes
02/04/05	5709'-5714'	4 JSPF	20 holes
02/11/05	5468'-5476'	4 JSPF	32 holes
02/11/05	5384'-5390'	4 JSPF	24 holes
02/11/05	5033'-5041'	4 JSPF	32 holes
02/11/05	4558'-4568'	4 JSPF	40 holes
02/11/05	4184'-4191'	4 JSPF	28 holes

**NEWFIELD**

**Ashley Federal 13-13-9-15**

665' FSL & 656' FWL

SW/SW Section 13-T9S-R15E

Duchesne Co, Utah

API 43-013-32455; Lease UTU68548

## Ashley Federal 12-13-9-15

Spud Date: 01/19/05  
Put on Production: 02/22/2005  
GL: 6196' KB: 6208'

### Wellbore Diagram

Initial Production: 60 BOPD,  
108 MCFD, 9 BWPD

#### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297.93')  
DEPTH LANDED: 307.93' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150 sks Class "G" Mix. Est 5 bbls cement to the pit

#### PRODUCTION CASING

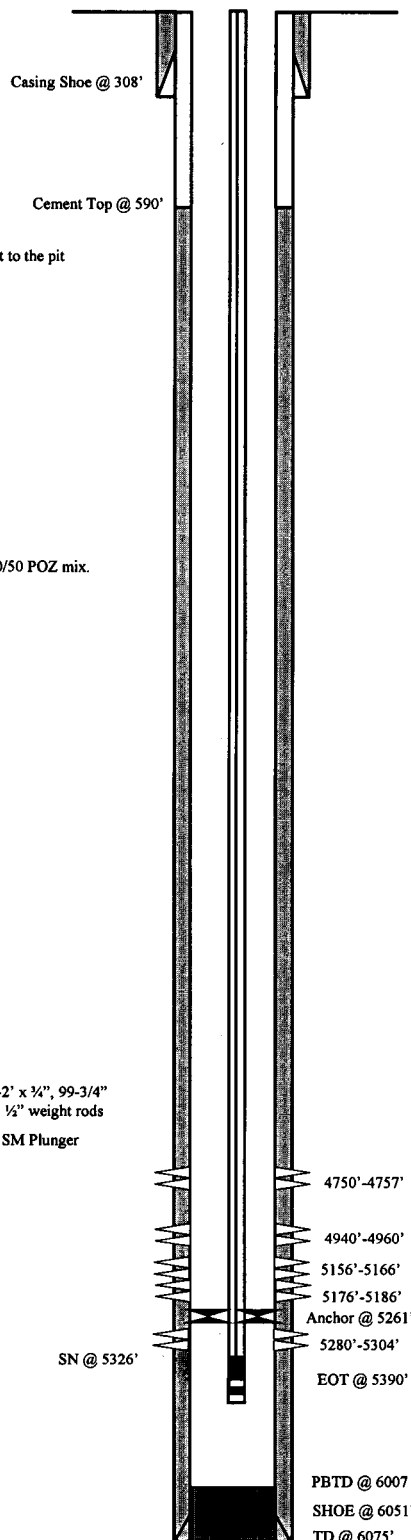
CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (6053.4')  
DEPTH LANDED: 6051.4' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ mix.  
CEMENT TOP AT: 590'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55  
NO. OF JOINTS: 168 jts (5248.63')  
TUBING ANCHOR: 5260.63'  
NO. OF JOINTS: 2 jts (62.40')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5325.83'  
NO. OF JOINTS: 2 jts (62.38')  
TOTAL STRING LENGTH: 5389.76'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' polished rod  
SUCKER RODS: 1 1/2" x 22' polished rod, 1-8", 1-6" & 1-4" 1-2" x 3/4", 99-3/4" scraped rods, 67-3/4" plain rods, 40-3/4" scraped rods, 6-1 1/4" weight rods  
PUMP SIZE: CDI 2 1/2" x 1 1/2" x 10' x 14' RHAC pump w/ SM Plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM



#### FRAC JOB

02/15/05 5280'-5304' **Frac LODC sands as follows:**  
84,834# of 20/40 sand in 651 bbls lightning 17 frac fluid. Treated @ avg press of 2299 psi, w/avg rate of 24.8 bpm. ISIP 2670 psi. Calc flush: 5278 gal. Actual flush: 5292 gal.

02/15/05 5156'-5186' **Frac LODC sands as follows:**  
49,899# of 20/40 sand in 422 bbls lightning 17 frac fluid. Treated @ avg press of 1765 psi, w/avg rate of 14.4 bpm. ISIP 2140 psi. Calc flush: 5154 gal. Actual flush: 5166 gal.

02/15/05 4940'-4960' **Frac B2 sands as follows:**  
79,587# of 20/40 sand in 595 bbls lightning 17 frac fluid. Treated @ avg press of 1670 psi, w/avg rate of 14.5 bpm. ISIP 1990 psi. Calc flush: 4938 gal. Actual flush: 4956 gal.

02/16/05 4750'-4757' **Frac D3 sands as follows:**  
37,909# of 20/40 sand in 350 bbls lightning 17 frac fluid. Treated @ avg press of 1613 psi, w/avg rate of 14.1 bpm. ISIP 2000 psi. Calc flush: 4748 gal. Actual flush: 4662 gal.

8/21/07 Pump change. Updated rod & tubing details.  
7/17/08 pump change. Updated rod and tubing detail.

#### PERFORATION RECORD

Date	Depth Range	Tool	Holes
02/11/05	5280'-5304'	4 JSPF	96 holes
02/15/05	5176'-5186'	4 JSPF	40 holes
02/15/05	5156'-5166'	4 JSPF	40 holes
02/15/05	4940'-4960'	4 JSPF	80 holes
02/15/05	4750'-4757'	4 JSPF	28 holes

**NEWFIELD**

**Ashley Federal 12-13-9-15**  
1984' FSL & 658' FWL  
NW/SW Section 13-T9S-R15E  
Duchesne Co, Utah

API #43-013-32456; Lease #UTU-66184

EL 7/17/08

## 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- 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 Broke down @ 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 Broke down @ 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.

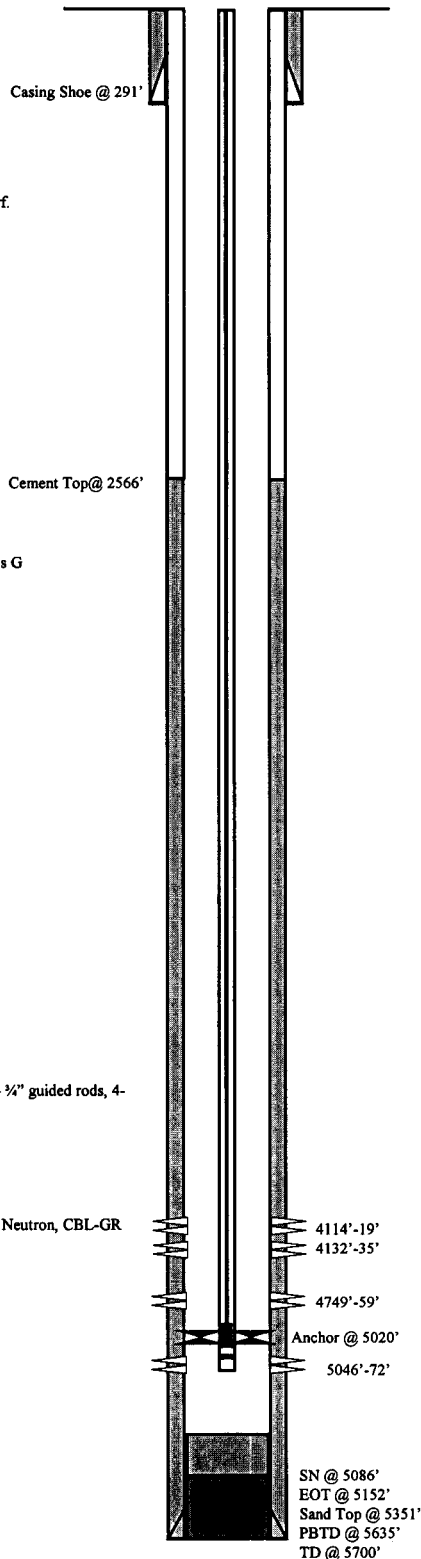
6/18/98 4114'-4135' **Frac GB sand as follows:**  
96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs broke down @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

7/9/2010 **Workover.** Updated rod and tubing detail.

**NOTE:**  
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



**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  
1/27/2011

Spud Date: 9/2/05

Put on Production: 10/3/05

GL: 6290' KB: 6302'

## Ashley Federal 14-14-9-15

Initial Production: 18 BOPD,  
118 MCFD, 19 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (302.97')  
DEPTH LANDED: 312.97' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts (6024.43')  
DEPTH LANDED: 6022.43' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem Lite II & 450 sxs 50/50 POZ  
CEMENT TOP AT: 130'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO OF JOINTS: 127 jts (4065')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4077' KB  
ON/OFF TOOL AT: 4078.1'  
ARROW #1 PACKER CE AT: 4084'  
XO 2-3/8" x 2-7/8" J-55 AT: 4086.9'  
TBG PUP 2-3/8" J-55 AT: 4087.4'  
X/N NIPPLE AT: 4091.5'  
TOTAL STRING LENGTH: EOT @ 4093.11'

#### FRAC JOB

9/29/05 5596-5616' Frac CP1 sand as follows:  
90,716#s 20/40 sand in 685 bbls Lightning  
17 frac fluid Treated @ avg press of 1395 psi  
w/avg rate of 24.9 BPM ISIP 1680 Calc  
Flush: 5594 gal Actual Flush 5586 gals

9/29/05 5041-5067' Frac A1&2 sand as follows:  
49,864#s 20/40 sand in 425 bbls Lightning  
17 frac fluid Treated @ avg press of 2422 psi  
w/avg rate of 24.8 BPM ISIP 2800 Calc  
flush: 5039 gal Actual flush: 5040 gal

9/29/05 4795-4822' Frac C sand as follows:  
80,142#s 20/40 sand in 596 bbls Lightning  
17 frac fluid Treated @ avg press of 1839 psi  
w/avg rate of 24.8 BPM ISIP 2140 psi Calc  
flush: 4793 gal Actual flush: 4830 gal

9/29/05 4663-4708' Frac D1&2 sand as follows:  
60,072#s 20/40 sand in 472 bbls Lightning  
17 frac fluid Treated @ avg press of 1814 psi  
w/avg rate of 24.7 BPM ISIP 2000 psi Calc  
flush: 4661 gal Actual flush: 4662 gal

9/29/05 4410-4420' Frac PB10 sand as follows:  
30,241#s 20/40 sand in 300 bbls Lightning  
17 frac fluid Treated @ avg press of 1998 psi  
w/avg rate of 14.4 BPM ISIP 2620 Calc  
flush: 4408 gal Actual flush: 4452 gal

9/29/05 4138-4167' Frac GB6 sand as follows:  
46,894#s 20/40 sand in 377 bbls Lightning  
17 frac fluid Treated @ avg press of 1690 psi  
w/avg rate of 24.9 BPM ISIP 2030 psi Calc  
flush: 4136 gal Actual flush: 4032 gal

SN @ 4077 1/8/06  
On Off Tool @ 4078 10/06/06  
Packer @ 4084 05/02/13  
X/N Nipple @ 4091 05/03/13  
EOT @ 4093 detail

4138-4145'

4162-4167'

4410-4420'

4663-4670'

4694-4708'

4795-4804'

4814-4822'

5041-5050'

5063-5067'

5596-5616'

PBTD @ 5977'

SHOE @ 6022'

TD @ 6055'

Tubing Leak. Update rod and tubing details  
Parted rods. Update rod and tubing details  
Convert to Injection Well  
Conversion MIT Finalized - update tbg

#### PERFORATION RECORD

9/23/05	5596-5616'	4 JSPF	80 holes
9/29/05	5063-5067'	4 JSPF	16 holes
9/29/05	5041-5050'	4 JSPF	36 holes
9/29/05	4814-4822'	4 JSPF	32 holes
9/29/05	4795-4804'	4 JSPF	36 holes
9/29/05	4694-4708'	4 JSPF	56 holes
9/29/05	4663-4670'	4 JSPF	28 holes
9/29/05	4410-4420'	4 JSPF	40 holes
9/29/05	4162-4167'	4 JSPF	20 holes
9/29/05	4138-4145'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 14-14-9-15  
483' FSL & 1990' FWL  
SE/SW Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32670; Lease #UTU-68548



43-013-51570

NEWFIELD

GMBU S-14-9-15

Monument Butte - Duchesne County, Utah, USA

Surf Location: NE/SE - Sec 14, T9S, R15E; 1963' FSL &amp; 882' FEL

6171' GL + 10' KB

Paul Lembecke

PFM 4/12/2013

API# 43-013-51570; Lease#: UTU-66184

Spud Date: 3/24/2013; PoP Date: 04/25/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	323'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
TBG DETAIL <td>Prod</td> <td>10'</td> <td>6,128'</td> <td>5-1/2"</td> <td>15.5#</td> <td>J-55</td> <td>4.825"</td> <td>4,810</td> <td>4,040</td> <td>4.950"</td> <td>0.9997</td> <td>LTC</td> <td>7.875</td>	Prod	10'	6,128'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
ROD DETAIL <td>10'</td> <td>5976'</td> <td>BEUE</td> <td>2-7/8"</td> <td>6.5#</td> <td>J-55</td> <td>2.347"</td> <td>7,260</td> <td>7,680</td> <td>2.441"</td> <td colspan="3">Tubing Anchor Set @ 5877'</td>	10'	5976'	BEUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5877'		
	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5905'			
	4per Guided Rod			30'	1,980'	7/8"	Tenaris D78	1950	78				
	4per Guided Rod			1,980'	5,155'	3/4"	Tenaris D78	3175	127				
8per Guided Rod			5,155'	5,905'	7/8"	Tenaris D78	750	30					
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
6	0'	0'	3	-	-	Formation:	GB4						
	0'	0'	3	-	-	20/40 White:	85,521 lbs	15% HCl:	1,152 gals				
	0'	0'	3	-	-	Pad:	17,880 gals	Treating Fluid:	69,519 gals				
	0'	0'	3	-	-	Flush:	3,990 gals	Load to Recover:	101,020 gals				
	0'	0'	3	-	-	ISIP=	0.886 psi/ft	Max STP:	1,872 psi				
	0'	0'	3	-	-								
	4,148'	4,160'	3	0.34	4/15/2013								
5	0'	0'	3	-	-	Formation:	C-Sand D-1						
	0'	0'	3	-	-	20/40 White:	35,683 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	1,849 gals	Treating Fluid:	10,709 gals				
	4,677'	4,678'	3	0.34	4/15/2013	Flush:	4,701 gals	Load to Recover:	17,759 gals				
	4,691'	4,692'	3	0.34	4/15/2013	ISIP=	0.875 psi/ft	Max STP:	3,912 psi				
	4,701'	4,702'	3	0.34	4/15/2013								
	4,843'	4,847'	3	0.34	4/15/2013								
4	0'	0'	3	-	-	Formation:	A1 A-Half						
	0'	0'	3	-	-	20/40 White:	25,777 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	2,259 gals	Treating Fluid:	6,152 gals				
	0'	0'	3	-	-	Flush:	5,071 gals	Load to Recover:	13,982 gals				
	0'	0'	3	-	-	ISIP=	0.986 psi/ft	Max STP:	3,340 psi				
	5,036'	5,038'	3	0.34	4/15/2013								
	5,071'	5,074'	3	0.34	4/15/2013								
3	0'	0'	3	-	-	Formation:	LODC						
	0'	0'	3	-	-	20/40 White:	241,743 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	10,757 gals	Treating Fluid:	56,638 gals				
	5,371'	5,372'	3	0.34	4/15/2013	Flush:	5,372 gals	Load to Recover:	73,267 gals				
	5,431'	5,432'	3	0.34	4/15/2013	ISIP=	0.888 psi/ft	Max STP:	3,709 psi				
	5,440'	5,441'	3	0.34	4/15/2013								
	5,478'	5,480'	3	0.34	4/15/2013								
2	0'	0'	3	-	-	Formation:	CP-Half						
	0'	0'	3	-	-	20/40 White:	14,989 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	1,940 gals	Treating Fluid:	3,671 gals				
	0'	0'	3	-	-	Flush:	5,655 gals	Load to Recover:	11,766 gals				
	0'	0'	3	-	-	ISIP=	0.760 psi/ft	Max STP:	2,911 psi				
	0'	0'	3	-	-								
	5,572'	5,576'	3	0.34	4/15/2013								
1	0'	0'	3	-	-	Formation:	CP5						
	0'	0'	3	-	-	20/40 White:	56,831 lbs	15% HCl:	750 gals				
	0'	0'	3	-	-	Pad:	2,901 gals	Treating Fluid:	13,534 gals				
	0'	0'	3	-	-	Flush:	5,812 gals	Load to Recover:	22,997 gals				
	0'	0'	3	-	-	ISIP=	0.694 psi/ft	Max STP:	3,706 psi				
	5,904'	5,906'	3	0.34	4/15/2013								
	5,914'	5,918'	3	0.34	4/15/2013								
CEMENT	Surf	On 3/25/13 Pro Petro cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.											
	Prod	On 3/28/13 Baker Hughes pumped 220 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 30 bbls to the pit.											

8-5/8" Shoe @ 322.59'

EOT @ 5976"; TA @ 5877"  
5-1/2" Shoe @ 6128'  
PBTD @ 6070'  
TVD @ 6045'; MD 6142'  
BHST = 170°F

8-5/8" Shoe @ 322.59'

EOT @ 5976"; TA @ 5877"  
 5-1/2" Shoe @ 6128"  
 PBTD @ 6070"  
 TVD @ 6045"; MD 6142"  
 BHST = 170°F

43-013-51575

NEWFIELD

GMBU O-13-9-15

Monument Butte - Duchesne County, Utah, USA

Surf Location: NE/SE - Sec 14, T9S, R15E; 1952' FSL &amp; 864' FEL

6171' GL + 10' KB

API# 43-013-51575; Lease#: UTU-66184

Paul Lernbeck

PFM 4/12/2013

Spud Date: 3/24/13; PoP Date: 4/26/2013

CASHING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	321'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,258'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUBG. DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	6108'	BEUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5979'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 6058'			
	Pony Rod			30'	58'	7/8"	Tenaris 078	28	2				
	4per Guided Rod			58'	1,983'	7/8"	Tenaris 078	1925	77				
	4per Guided Rod			1,983'	5,008'	3/4"	Tenaris 078	3025	121				
	8per Guided Rod			5,008'	6,058'	7/8"	Tenaris 078	1050	42				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	3	-	-	Formation:	C-Sand						
	0'	0'	3	-	-	20/40 White:	68,895 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Pad:	3,614 gals	Treating Fluid:	17,445 gals				
	4,765'	4,768'	3	0.34	4/15/2013	Flush:	4,188 gals	Load to Recover:	25,247 gals				
	4,902'	4,903'	3	0.34	4/15/2013	ISIP=	0.855 psi/ft	Max STP:	3,774 psi				
	4,907'	4,908'	3	0.34	4/15/2013								
	4,916'	4,918'	3	0.34	4/15/2013								
3	0'	0'	3	-	-	Formation:	B2						
	0'	0'	3	-	-	20/40 White:	14,373 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	2,323 gals	Treating Fluid:	3,633 gals				
	0'	0'	3	-	-	Flush:	4,927 gals	Load to Recover:	11,383 gals				
	0'	0'	3	-	-	ISIP=	0.765 psi/ft	Max STP:	3,160 psi				
	0'	0'	3	-	-								
	5,054'	5,058'	3	0.34	4/15/2013								
2	0'	0'	3	-	-	Formation:	LOOC						
	0'	0'	3	-	-	20/40 White:	168,386 lbs	15% HCl:	500 gals				
	5,300'	5,302'	3	0.34	4/15/2013	Pad:	8,368 gals	Treating Fluid:	39,780 gals				
	5,317'	5,318'	3	0.34	4/15/2013	Flush:	5,256 gals	Load to Recover:	53,904 gals				
	5,365'	5,366'	3	0.34	4/15/2013	ISIP=	0.956 psi/ft	Max STP:	3,815 psi				
	5,379'	5,380'	3	0.34	4/15/2013								
	5,426'	5,428'	3	0.34	4/15/2013								
1	0'	0'	3	-	-	Formation:	CP5						
	0'	0'	3	-	-	20/40 White:	58,371 lbs	15% HCl:	750 gals				
	0'	0'	3	-	-	Pad:	3,674 gals	Treating Fluid:	13,722 gals				
	0'	0'	3	-	-	Flush:	6,118 gals	Load to Recover:	24,264 gals				
	0'	0'	3	-	-	ISIP=	0.631 psi/ft	Max STP:	3,613 psi				
	6,008'	6,010'	3	0.34	4/15/2013								
	6,023'	6,026'	3	0.34	4/15/2013								
CEMENT	Surf	On 3/25/13 Pro Petro cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.											
	Prod	On 3/31/13 Baker Hughes pumped 215 sks lead @ 11 ppg w/ 3.53 yield plus 450 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 28 bbls to the pit. TOC @ Surface.											

8-5/8"Shoe @ 320.55'

EOT @ 6108"; TA @ 5979"  
5-1/2"Shoe @ 6258.21'  
PBTD @ 6233'  
TVD @ 6129"; MD 2 6276'  
BHST = 170°F

8-5/8" Shoe @ 320.55'

EOT @ 6108'; TA @ 5979'

5-1/2" Shoe @ 6258.21'

PBTO @ 6233'

TVD @ 6129'; MD 2 6276'

BHST = 170°F



43-013-51578

NEWFIELD

GMBU R-14-9-15

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NE/SW Section 14, T9S, R15E; 2057' FSL &amp; 1967' FWL

Elevation: 6213' GL + 10' KB

API Number: 43-013-51578; Lease Number: UTU-66184

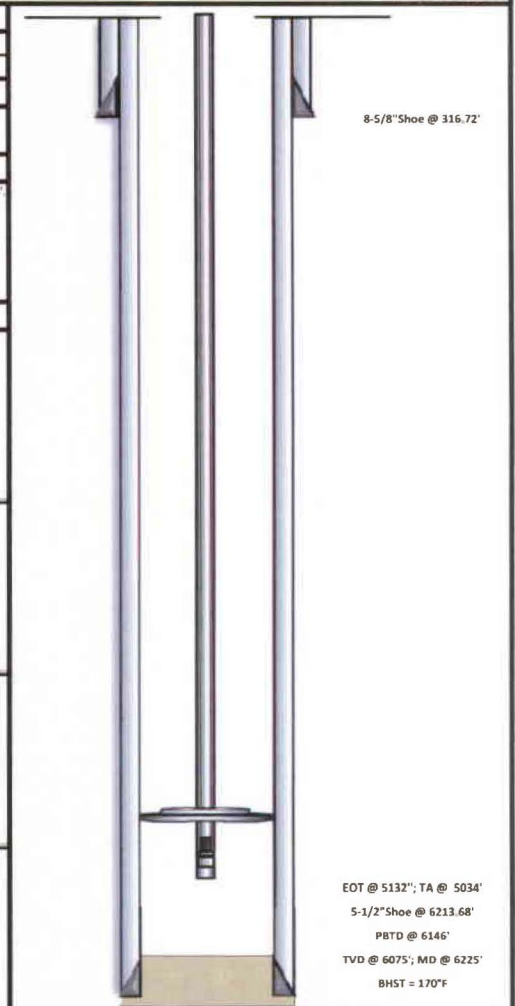
Paul Lembeck

PFM 5/9/2013

Spud Date: 4/12/13

PoP Date: 5/23/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	317'	8 5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,214'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5132'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,034'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump; 2.5" Max ID x 1.75" Plunger RHAC @ 5063'			
	Pony Rod			30'	38'	7/8"	Tenaris D78	8	1				
	4per Guided Rod			38'	1,738'	7/8"	Tenaris D78	1700	68				
	4per Guided Rod			1,738'	4,313'	3/4"	Tenaris D78	2575	103				
	4per Guided Rod			4,313'	5,063'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	2	-	-	Formation:	GB6	GB4	GB2				
	0'	0'	2	-	-	20/40 White:	128,130 lbs	15% HCl:	0 gals				
	4,069'	4,070'	2	0.34	5/13/2013	Pad:	8,484 gals	Treating Fluid:	29,524 gals				
	4,079'	4,080'	2	0.34	5/13/2013	Flush:	4,230 gals	Load to Recover:	42,238 gals				
	4,204'	4,207'	2	0.34	5/13/2013	ISIP=	0.971 psi/ft	Max STP:	2,916 psi				
	4,256'	4,258'	2	0.34	5/13/2013								
	4,265'	4,268'	2	0.34	5/13/2013								
3	0'	0'	2	-	-	Formation:	D2	D1					
	0'	0'	2	-	-	20/40 White:	101,379 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Pad:	4,574 gals	Treating Fluid:	22,972 gals				
	4,731'	4,733'	2	0.34	5/13/2013	Flush:	4,829 gals	Load to Recover:	32,875 gals				
	4,741'	4,742'	2	0.34	5/13/2013	ISIP=	0.902 psi/ft	Max STP:	3,271 psi				
	4,753'	4,754'	2	0.34	5/13/2013								
	4,794'	4,800'	2	0.34	5/13/2013								
2	0'	0'	2	-	-	Formation:	C-Sand						
	0'	0'	2	-	-	20/40 White:	25,937 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Pad:	3,855 gals	Treating Fluid:	6,000 gals				
	0'	0'	2	-	-	Flush:	5,070 gals	Load to Recover:	15,425 gals				
	0'	0'	2	-	-	ISIP=	0.833 psi/ft	Max STP:	3,105 psi				
	0'	0'	2	-	-								
	4,880'	4,886'	2	0.34	5/13/2013								
1	0'	0'	2	-	-	Formation:	B2	B1	B-Half				
	0'	0'	2	-	-	20/40 White:	85,610 lbs	15% HCl:	750 gals				
	0'	0'	2	-	-	Pad:	6,643 gals	Treating Fluid:	19,641 gals				
	0'	0'	2	-	-	Flush:	5,124 gals	Load to Recover:	32,158 gals				
	4,980'	4,982'	2	0.34	5/13/2013	ISIP=	0.800 psi/ft	Max STP:	3,319 psi				
	5,003'	5,006'	2	0.34	5/13/2013								
	5,040'	5,045'	2	0.34	5/13/2013								
CEMENT	Surf	On 4/15/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 1 bbls to the pit.											
	Prod	On 5/2/13 Baker pumped 250 sks lead @ 11 ppg w/ 3.53 yield plus 450 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 10 bbls to the pit. TOC @ 60'.											



EOT @ 5132'; TA @ 5034'  
 5-1/2" Shoe @ 6213.68'  
 PBTD @ 6146'  
 TVD @ 6075'; MD @ 6225'  
 BHST = 170°F

## NEWFIELD

## Schematic



Well Name: GMBU V-14-9-15

43-013-52380

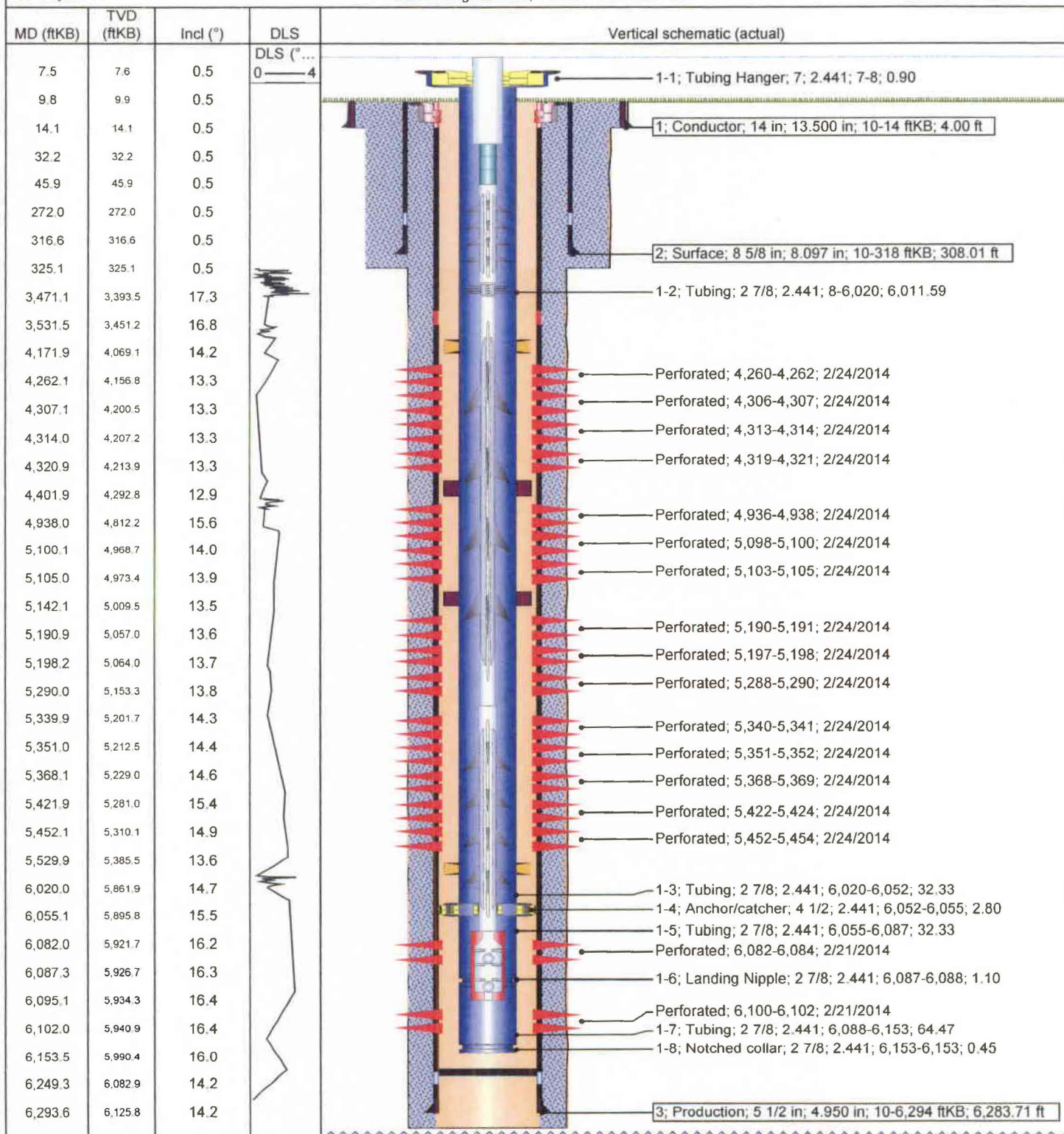
Surface Legal Location NWNE 731 FNL 1959 FEL Sec 23 T9S R15E Mer SLB		API/UWI 43013523800000	Well RC 500346555	Lease UTU66185	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 1/20/2014	Rig Release Date 2/5/2014	On Production Date	Original KB Elevation (ft) 6,310	Ground Elevation (ft) 6,300	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,247.5	

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/21/2014	Job End Date 2/27/2014
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TD: 6,297.0

Slant - Original Hole, 4/21/2014 8:04:21 AM





Well Name: GMBU W-14-9-15

43-013-52381

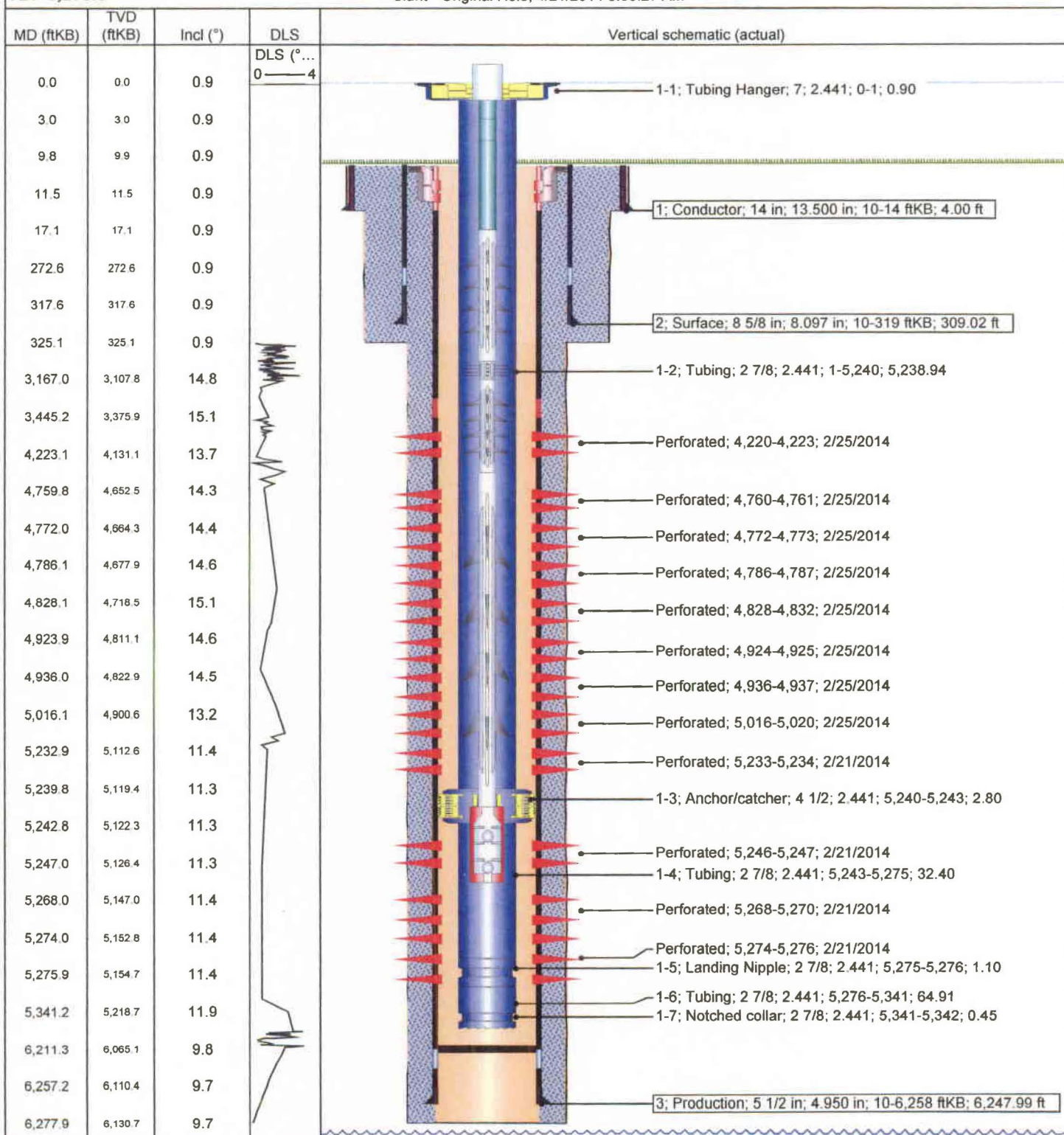
Surface Legal Location NWNE 709 FNL 1962 FEL Sec 23 T9S R15E Mer SLB			API/UWI 43013523810000	Well RC 500348329	Lease UTU66185	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 1/21/2014	Rig Release Date 2/8/2014	On Production Date	Original KB Elevation (ft) 6,310	Ground Elevation (ft) 6,300	Total Depth All (TVD) (ftKB) Original Hole - 6,130.8	PBTD (All) (ftKB) Original Hole - 6,211.3		

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/21/2014	Job End Date 3/4/2014
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TD: 6,278.0

Slant - Original Hole, 4/21/2014 8:03:27 AM







**NEWFIELD**  
ROCKY MOUNTAINS

API: 4301355024

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	311							Surface
Production	5-1/2"	17#	M-80	LTC	0	6,300	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar to Surface
Production	4-1/2"	11.6#	P-110	LTC	6,300	10,630	7,774	8,510	4,000	3,875	0.0155	6-1/8"	
					TVD	5,828	burst & collapse values are book, no additional safety factors have been applied						

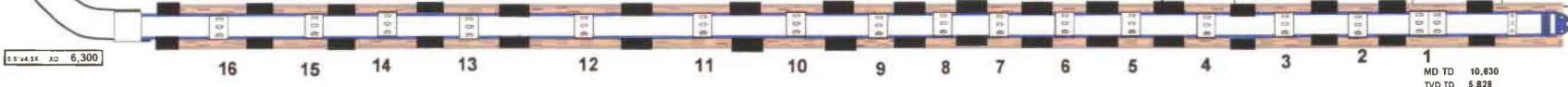
TBG DETAIL:  
bulbuplg, 3 jts tubing, 21' cavins Desander, 2-7/8" sub, 1 jt 2-7/8" tubing, SN, 1 jt 2-7/8" tubing, TAC, and remaining 185 jts of 2-7/8" tubing. TA @ 5,806'. SN @ 5,839'. EOT @ 5,985'  
NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs—4.625" OD)

[illegible]

**Pump and Rod Detail:**  
WFD MacGyver 3 pump with spring loaded cages, 2-1/2"x1-3/4" x22"x25"x29" RHBC pump x , on/off tool, 4"x7/8" guided rod sub, 5789"x SE 4 corod, 4,4,6,6" x 7/8" pony subs, 1 1/2" x 26" polished rod

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

WFD port Collar	5,416
KOP	5,450
ACP packer	5,437
ACP packer	5,417







## Schematic

43-013-51764

Well Name: GMBU M-14-9-15

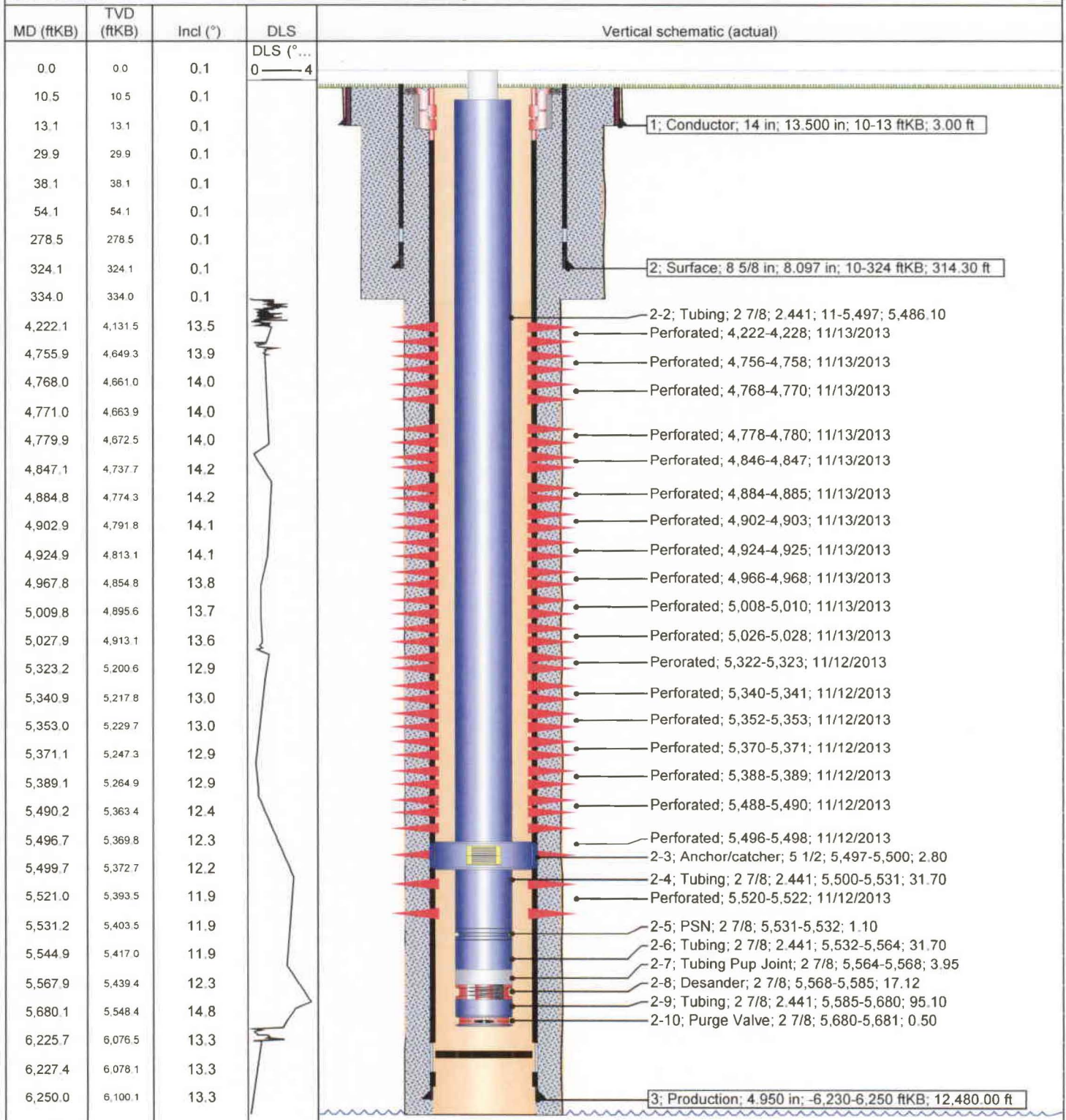
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
SENW 1811 FNL 2069 FWL Sec 14 T9S R15E Mer SLB		43013517640000	500348114	UTU66184	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,226.0
10/7/2013	10/26/2013		6,194	6,184	Original Hole - 6,115.7		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Repairs	Pump Repair	2/25/2014	2/26/2014

TD: 6,266.0

Slant - Original Hole, 6/4/2014 7:14:23 AM





## Schematic

43-013-52383

Well Name: GMBU F-24-9-15

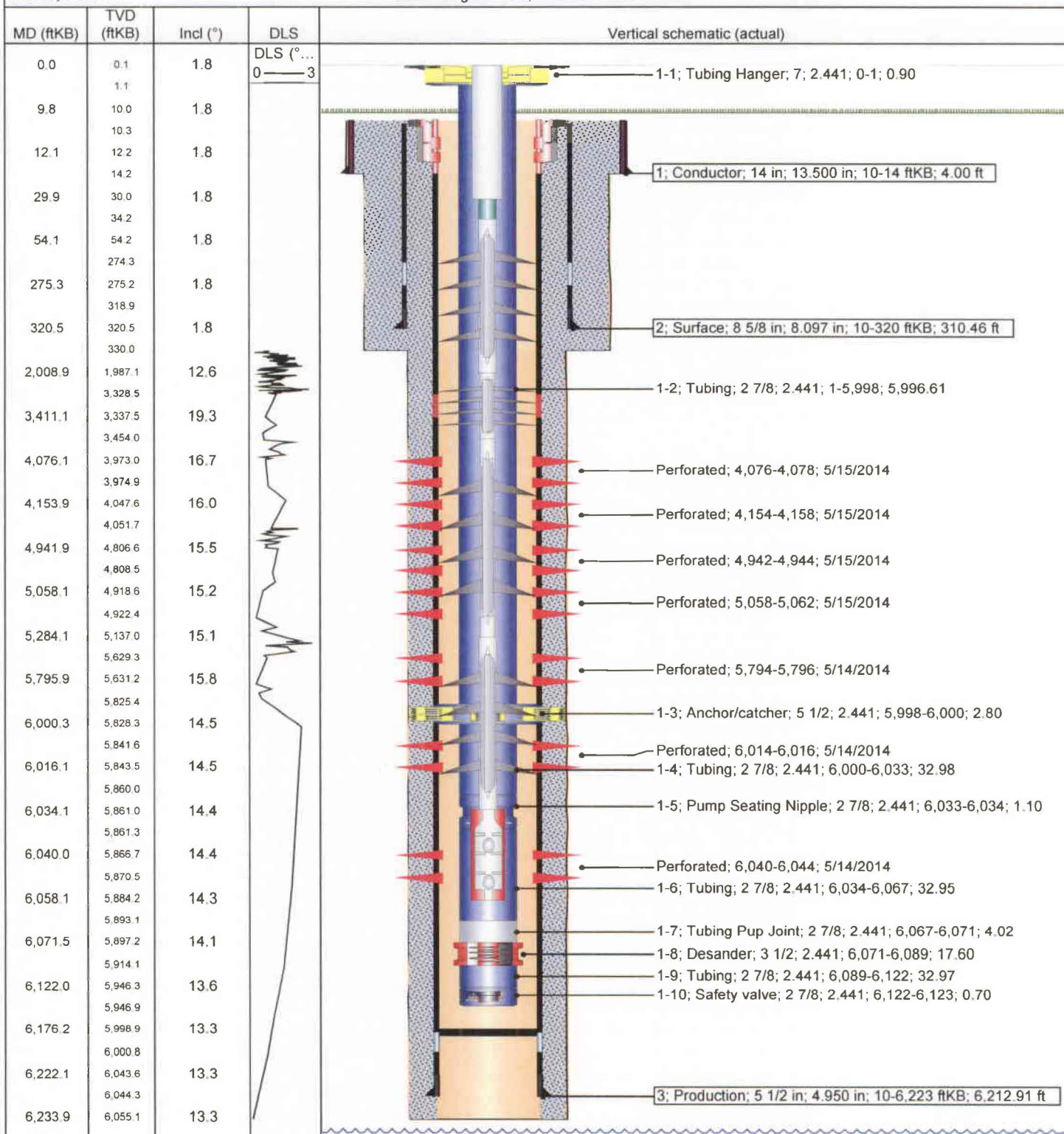
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NENE 540' FNL 667' FEL Sec 23 T9S R15E		43013523830000	500366730	UTU66185	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,176.3
4/18/2014	5/2/2014	5/21/2014	6,246	6,236	Original Hole - 6,055.2		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	5/14/2014	5/21/2014

TD: 6,234.0

Slant - Original Hole, 6/10/2014 2:26:13 PM



## NEWFIELD



## Schematic

43-013-52385

Well Name: GMBU I-23-9-15

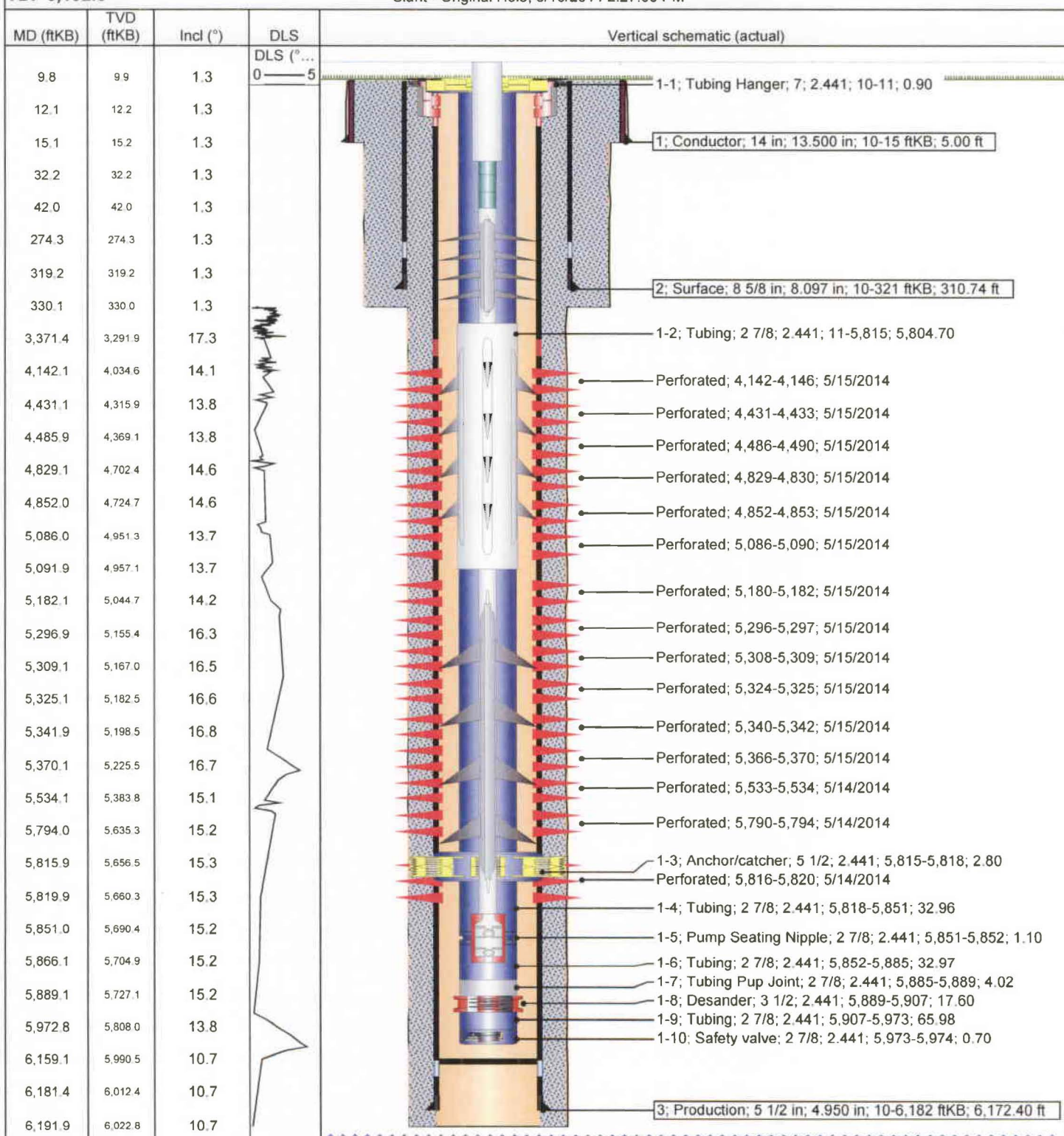
Surface Legal Location NENE 531' FNL 686' FEL Sec 23 T9S R15E			API/UWI 43013523850000	Well RC 500346559	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/17/2014	Rig Release Date 4/29/2014	On Production Date 5/21/2014	Original KB Elevation (ft) 6,246	Ground Elevation (ft) 6,236	Total Depth All (TVD) (ftKB) Original Hole - 6,022.8		PBTD (All) (ftKB) Original Hole - 6,159.2	

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/14/2014	Job End Date
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TD: 6,192.0

Slant - Original Hole, 6/10/2014 2:27:00 PM





**Multi-Chem Group, LLC**

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

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53130**Well Name: **Ashley IF**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate NO CONCLUSION

**Notes:**

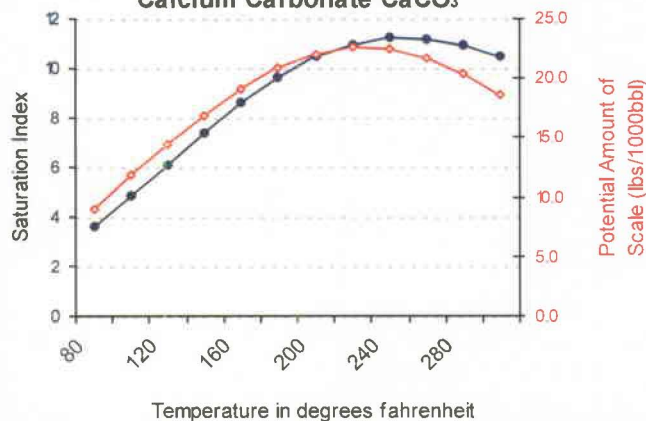
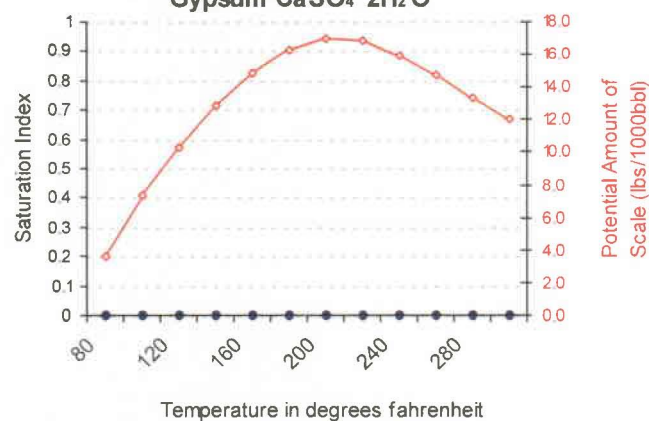
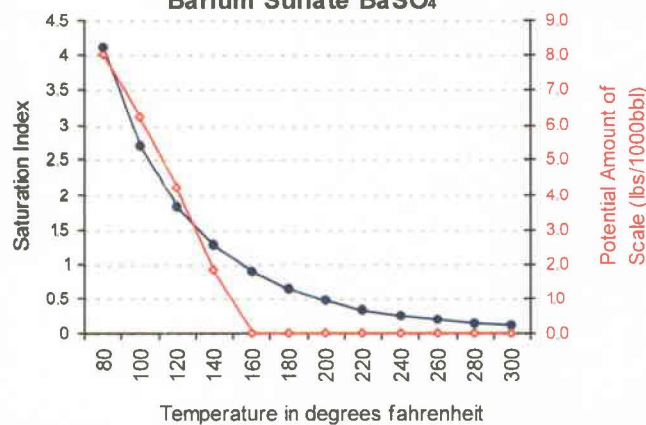
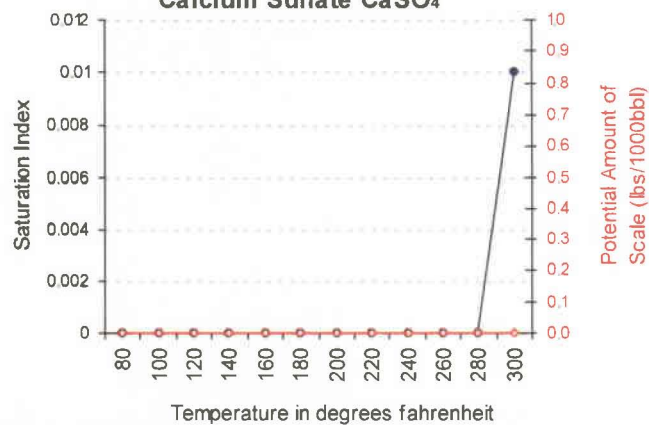
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem

**Scale Prediction Graphs**Well Name: **Ashley IF**Sample ID: **WA-53130****Calcium Carbonate  $\text{CaCO}_3$** **Gypsum  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$** **Barium Sulfate  $\text{BaSO}_4$** **Calcium Sulfate  $\text{CaSO}_4$** 



**Multi-Chem Group, LLC**

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

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53121**Well Name: **Ashley fed 16-14-9-15**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2010
Temperature (°F):	140
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0063
pH:	8.62
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	12326
Molar Conductivity (µS/cm):	18676
Resistivity (Mohm):	0.5354

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	5.27	Chloride (Cl):	6000.00
Magnesium (Mg):	4.20	Sulfate (SO₄):	-
Barium (Ba):	7.66	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1781.00
Sodium (Na):	4518.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	5.50
Iron (Fe):	4.44	Phosphate (PO₄):	-
Manganese (Mn):	0.09	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl												
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>		
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi		
Temp °F	Gauge Press. psi	140		4.15	6.07	0.00	-2212.70	0.00	-2166.30	-	-	0.00	-13.34	0.08
80	0	2.67	6.04	0.00	4.04	0.00	-2879.20	-	-	0.00	-5.84	0.05		
100	0	3.31	6.30	0.00	5.82	0.00	-2710.80	-	-	0.00	-7.92	0.06		
120	0	3.80	6.22	0.00	6.53	0.00	-2461.30	-	-	0.00	-10.41	0.06		
140	0	4.15	6.07	0.00	6.71	0.00	-2166.30	-	-	0.00	-13.34	0.07		
160	0	4.32	5.94	0.00	6.64	0.00	-1856.60	-	-	0.00	-16.74	0.08		
180	0	4.32	5.88	0.00	6.47	0.00	-1555.70	-	-	0.00	-20.65	0.09		
200	0	4.16	5.88	0.00	6.24	0.00	-1279.30	-	-	0.00	-25.12	0.09		
220	2.51	3.86	5.92	0.00	5.95	0.00	-1047.30	-	-	0.00	-30.62	0.09		
240	10.3	3.50	5.90	0.00	5.52	0.00	-838.07	-	-	0.00	-36.57	0.09		
260	20.76	3.11	5.77	0.00	4.92	0.00	-663.28	-	-	0.00	-43.36	0.09		
280	34.54	2.71	5.46	0.00	4.11	0.00	-520.25	-	-	0.00	-51.12	0.08		
300	52.34	2.32	4.92	0.00	3.15	0.00	-405.14	-	-	0.00	-60.02	0.08		

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate Scaling Index is negative from 80°F to 300°F

**Notes:**

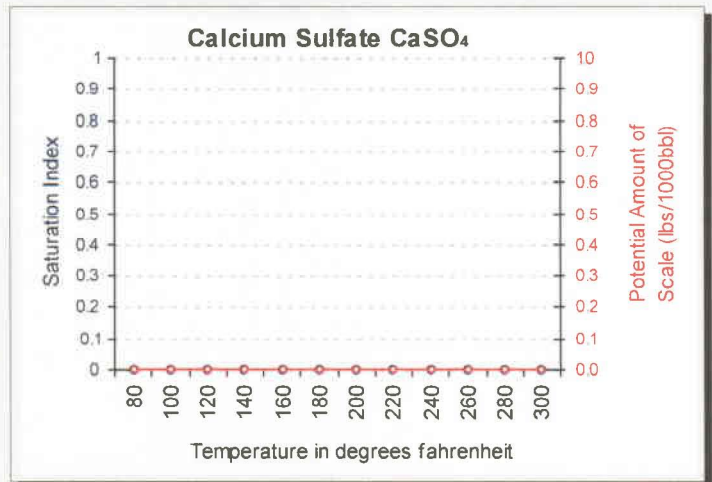
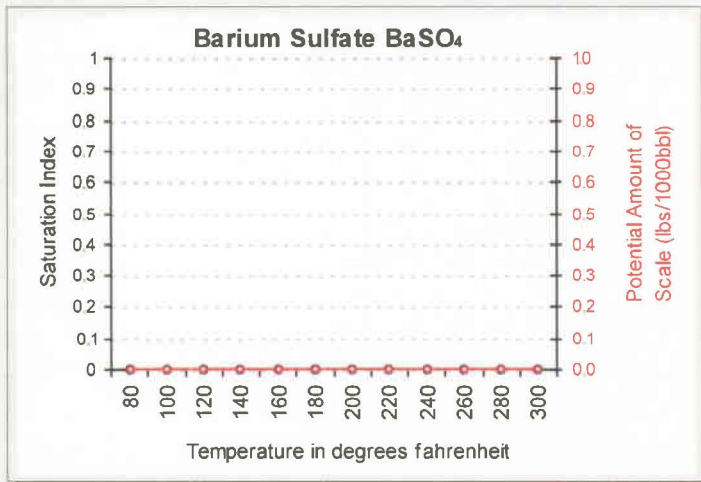
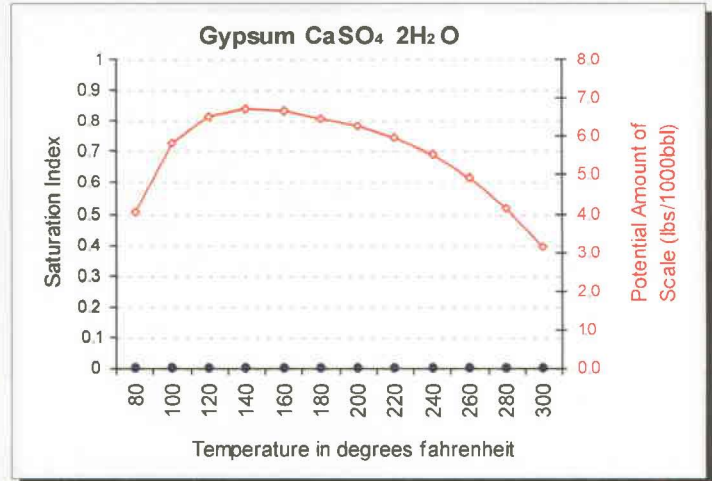
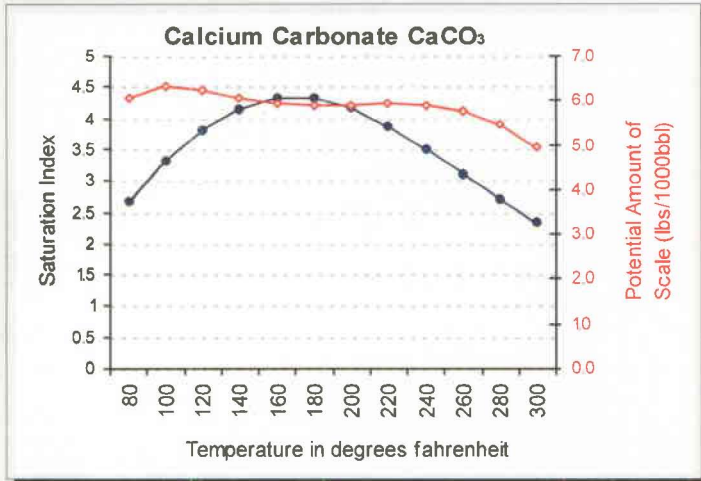
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

**Scale Prediction Graphs**Well Name: **Ashley fed 16-14-9-15**Sample ID: **WA-53121**

**Attachment "G"**

**Ashley Federal #16-14-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5510	5690	5600	1800	0.76	1764
5176	5358	5267	2200	0.86	2166
5032	5064	5048	1720	0.77	1687 ←
4790	4830	4810	2000	0.85	1969
4677	4689	4683	2300	0.92	2270
4116	4162	4139	2100	0.94	2073
				<b>Minimum</b>	<u>1687</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:** Ashley Federal 16-14-9-15

**Report Date: Sept. 2, 1005**

**Day: 01**

**Operation: Completion**

**Rig:**            **Rigless**

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBDT: 6000' WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:

## PERFORATION RECORD

[illegible]

## CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Sept. 1, 2005

**SITP:**               **SICP:**      **0**

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators WLT w/ mast & run CBL under pressure. WLTD @ 6000' & cmt top @ 130'. Perforate stage #1 W/ 4" ported guns as follows: CP2 sds @ 5682-90' & CP1 sds @ 5510-16'. All 4 JSPF in 1 run. SIFN W/ est 144 BWTR.

u

**FLUID RECOVERY (BBLS)**

Starting fluid load to be recovered:	<u>144</u>	Starting oil rec to date:	<u>                    </u>
Fluid lost/recovered today:	<u>0</u>	Oil lost/recovered today:	<u>                    </u>
Ending fluid to be recovered:	<u>144</u>	Cum oil recovered:	<u>                    </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

### STIMULATION DETAIL

**Base Fluid used:** \_\_\_\_\_ **Job Type:** \_\_\_\_\_

**Company:**

**Procedure or Equipment detail:**

## COSTS

Weatherford BOP	\$140
NPC NU crew	\$300
NDSI trucking	\$1,200
Drilling cost	\$265,459
Zubiate hot oil	\$400
Location preparation	\$300
Admin. Overhead	\$3,000
Benco Anchors	\$1,200
NPC wellhead	\$1,500
Perforators - CBL/perf	\$5,526
NPC supervision	\$300

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

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

**ISIP:                      5 min:                      10 min:                      15 min:**

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$279,325

**TOTAL WELL COST: \$279.325**





## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 14, 1005

Day: 02

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBTD: 6000' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5460'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5176-5208'	4/128
			LODC sds	5240-5247'	4/28
			LODC sds	5267-5277'	4/40
			LODC sds	5286-5299'	4/52
			LODC sds	5349-5358'	4/36
			CP1 sds	5510-5516'	4/24
			CP2 sds	5682-5690'	4/32

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 13, 2005

SITP: SICP: 9

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 29,851#'s of 20/40 sand in 334 bbls of Lightning 17 frac fluid. Open well w/ 9 psi on casing. Perfs broke down @ 2120 psi, back to 1460 psi. Treated @ ave pressure of 1487 w/ ave rate of 23.5 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 1800. 478 bbls EWTR. Leave pressure on well. RU Black Warrior WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 9' perf gun. Set plug @ 5460'. Perforate LODC sds @ 5349-58', 5286-99', 5267-77', 5240-47', 5176-5208' w/ 4" Port Guns ( 19 gram, .41"HE, 120° ) w/ 4 spf for total of 284 shots in 4 runs. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 144 Starting oil rec to date:  
 Fluid lost/recovered today: 334 Oil lost/recovered today:  
 Ending fluid to be recovered: 478 Cum oil recovered:  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: CP1 & CP2 sds down casing

## COSTS

Weatherford BOP	\$280
Weatherford Services	\$2,200
Betts frac water	\$336
NPC fuel gas	\$66
BJ Services CP1&2sd	\$17,302
BWWC LODC sds	\$15,000
NPC Supervisor	\$300

2730 gals of pad

1875 gals w/ 1-5 ppg of 20/40 sand

3673 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 5540 gals of slick water

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

Max TP: 1829 Max Rate: 23.5 Total fluid pmpd: 334 bbls

Avg TP: 1487 Avg Rate: 23.5 Total Prop pmpd: 29,851#'s

ISIP: 1800 5 min: 10 min: FG: .76

Completion Supervisor: Ron Shuck

DAILY COST: \$35,484

TOTAL WELL COST: \$314,809



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 15, 1005

Day: 3a

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 313'

Prod Csg: 5 1/2" @ 6081'

Csg PBTD: 6000' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5460'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5176-5208'	4/128
			LODC sds	5240-5247'	4/28
			LODC sds	5267-5277'	4/40
			LODC sds	5286-5299'	4/52
			LODC sds	5349-5358'	4/36
			CP1 sds	5510-5516'	4/24
			CP2 sds	5682-5690'	4/32

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 14, 2005

SITP: SICP: 825

Day3a.

RU BJ & frac LODC sds, stage #2 w/ 252,448#'s of 20/40 sand in 1653 bbls of Lightning 17 frac fluid. Open well w/ 825 psi on casing. Perfs broke down @ 3230 psi, back to 1355 psi. Treated @ ave pressure of 1897 w/ ave rate of 41.3 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 2200. 2131 bbls EWTR. Leave pressure on well. See day3b.

b

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 478

Starting oil rec to date:

Fluid lost/recovered today: 1653

Oil lost/recovered today:

Ending fluid to be recovered: 2131

Cum oil recovered:

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

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sds down casing

## COSTS

Weatherford BOP \$35

Weatherford Services \$2,900

Betts frac water \$2,800

NPC fuel gas \$550

BJ Services CP1&amp;2sd \$57,807

NPC Supervisor \$60

19110 gals of pad

13125 gals w/ 1-5 ppg of 20/40 sand

26250 gals w/ 5-8 ppg of 20/40 sand

5523 gals w/ 8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 5208 gals of slick water

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

Max TP: 2170 Max Rate: 41.3 Total fluid pmpd: 1653 bbls

Avg TP: 1897 Avg Rate: 41.3 Total Prop pmpd: 252,448#'s

ISIP: 2200 5 min: 10 min: FG: .85

Completion Supervisor: Ron Shuck

DAILY COST: \$64,152

TOTAL WELL COST: \$378,961



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 15, 1005

Day: 3b

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 313'

Prod Csg: 5 1/2" @ 6081'

Csg PBTD: 6000' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5120'

Plug 5460'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5176-5208'	4/128
			LODC sds	5240-5247'	4/28
			LODC sds	5267-5277'	4/40
			LODC sds	5286-5299'	4/52
			LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 14, 2005

SITP: SICP: 1650

Day3b.

RU WLT. RIH w/ frac plug & 3', 6', 3' perf guns. Set plug @ 5120'. Perforate A3 sds @ 5061-64', A1 sds @ 5032-38', B2 sds @ 4953-56' w/ 4 spf for total of 48 shots. RU BJ & frac stage #3 w/ 28,994#'s of 20/40 sand in 308 bbls of Lightning 17 frac fluid. Open well w/ 1650 psi on casing. Perfs broke down @ 2772 psi, back to 2112 psi. Treated @ ave pressure of 1846 w/ ave rate of 23 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 1720. 2439 bbls EWTR. Leave pressure on well. See day3c.

e

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2131

Starting oil rec to date:

Fluid lost/recovered today: 308

Oil lost/recovered today:

Ending fluid to be recovered: 2439

Cum oil recovered:

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

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A3, A1 &amp; B2 sds down casing

## COSTS

Weatherford BOP	\$35
Weatherford Services	\$2,200
Betts frac water	\$336
NPC fuel gas	\$66
BJ Services A3,2,B2	\$9,685
NPC Supervisor	\$60
BWWC A3,A1,B2sds	\$5,790

2394 gals of pad

1875 gals w/ 1-5 ppg of 20/40 sand

1584 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4998 gals of slick water

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

Max TP: 2256 Max Rate: 23.3 Total fluid pmpd: 308 bbls

Avg TP: 1846 Avg Rate: 23 Total Prop pmpd: 28,994#'s

ISIP: 1720 5 min: 10 min: FG: .78

Completion Supervisor: Ron Shuck

DAILY COST: \$18,172

TOTAL WELL COST: \$397,133



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 15, 1005

Day: 3c

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 313'

Prod Csg: 5 1/2" @ 6081'

Csg PBTD: 6000' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4900'

Plug 5460' 5120'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5176-5208'	4/128
			LODC sds	5240-5247'	4/28
			LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 14, 2005

SITP: SICP: 1650

Day3c.

RU WLT. RIH w/ frac plug & 4' perf gun. Set plug @ 4900'. Perforate C sds @ 4826-30', 4790-4812' w/ 4 spf for total of 104 shots. RU BJ & perfs won't break down. RIH & spot 8 gals of 15% HCL acid on perfs. RU BJ & frac stage #4 w/ 74,183#'s of 20/40 sand in 570 bbls of Lightning 17 frac fluid. Open well w/ 1136 psi on casing. Perfs broke down @ 4072 psi, back to 2157 psi. Treated @ ave pressure of 1487 w/ ave rate of 23 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 2000. 3009 bbls EWTR. Leave pressure on well. See day3d.

□

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2439

Starting oil rec to date:

Fluid lost/recovered today: 570

Oil lost/recovered today:

Ending fluid to be recovered: 3009

Cum oil recovered:

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

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: C sds down casing

5796 gals of pad

3944 gals w/ 1-5 ppg of 20/40 sand

7872 gals w/ 5-8 ppg of 20/40 sand

1288 gals w/ 8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4830 gals of slick water

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

Max TP: 2034 Max Rate: 23.3 Total fluid pmpd: 570 bbls

Avg TP: 1487 Avg Rate: 23 Total Prop pmpd: 74,183#'s

ISIP: 2000 5 min: 10 min: FG: .85

Completion Supervisor: Ron Shuck

## COSTS

Weatherford BOP \$35

Weatherford Services \$2,200

Betts frac water \$840

NPC fuel gas \$165

BJ Services C sds \$24,715

NPC Supervisor \$60

BWWC C sds \$5,790

DAILY COST: \$33,805

TOTAL WELL COST: \$430,938



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**Day: 3d**

**Rig:**            **Rigless**

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBDT: 6000' WL  
Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: 4745'  
Plug 5460' 5120' 4900'

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			LODC sds	5176-5208'	4/128
			LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

**SITP:**                      **SICP:**      **1650**

RU WLT. RIH w/ frac plug & 12' perf gun. Set plug @ 4745'. Perforate D1 sds @ 4677-4689' w/ 4 spf for total of 48 shots. RU BJ & frac stage #5 w/ 57,905#s of 20/40 sand in 468 bbls of Lightning 17 frac fluid. Open well w/ 1559 psi on casing. Perfs broke down @ 4122 psi, back to 2365 psi. Treated @ ave pressure of 1760 w/ ave rate of 23 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 2300. 3477 bbls EWTR. Leave pressure on well. **See day3e.**

Starting fluid load to be recovered:	<u>3009</u>	Starting oil rec to date:	<u>                    </u>
Fluid <u>lost</u> /recovered today:	<u>468</u>	Oil lost/recovered today:	<u>                    </u>
Ending fluid to be recovered:	<u>3477</u>	Cum oil recovered:	<u>                    </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

**TOTAL WELL COST: \$454.197**

**Completion Supervisor: Ron Shuck**



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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 15, 1005

Day: 3e

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBTD: 6000' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4260'  
 Plug 5460' 5120' 4900' 4745'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4116-4126'	4/40	LODC sds	5176-5208'	4/128
GB6 sds	4152-4162'	4/40	LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 14, 2005

SITP: SICP: 1580

Day3e.

RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4260'. Perforate GB6 sds @ 4152-4164', GB4 sds @ 4116-4126' w/ 4 spf for total of 80 shots. RU BJ & frac stage #6 w/ 46,647#'s of 20/40 sand in 443 bbls of Lightning 17 frac fluid. Open well w/ 1580 psi on casing. Perfs broke down @ 3850 psi, back to 1897 psi. Treated @ ave pressure of 1641 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2100. 3920 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 6 hours & died w/ 360 bbls rec'd. SIFN.

e

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3920 Starting oil rec to date:  
 Fluid lost/recovered today: 360 Oil lost/recovered today:  
 Ending fluid to be recovered: 3560 Cum oil recovered:  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 &amp; GB4 sds down casing

4410 gals of pad

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

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

1348 gals w/ 8 ppg of 20/40 sand

Flush w/ 4032 gals of slick water

## COSTS

Weatherford BOP	\$35
Weatherford Services	\$2,200
Betts frac water	\$616
NPC fuel gas	\$121
BJ Services GB6&4sd	\$13,269
NPC Supervisor	\$60
BWWC C sds	\$5,790
Betts water transfer	\$400
Flow back hand	\$180

Max TP: 1880 Max Rate: 23.3 Total fluid pmpd: 443 bbls

Avg TP: 1641 Avg Rate: 23 Total Prop pmpd: 46,647#'s

ISIP: 2100 5 min: 10 min: FG: .94

Completion Supervisor: Ron Shuck

DAILY COST: \$22,671

TOTAL WELL COST: \$476,868





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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 17, 1005

Day: 04

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBTD: 6000' WL  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 4260'  
 Plug 5460' 5120' 4900' 4745'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4116-4126'	4/40	LODC sds	5176-5208'	4/128
GB6 sds	4152-4162'	4/40	LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 16, 2005

SITP: SICP: 100

MIRU NC #3. Bleed pressure off well. Rec est 25 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Prepare to PU tbg. SIFN W/ est 3535 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3560 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 25 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 3535 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

Base Fluid used: Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

## COSTS

NC #3 rig	\$1,822
Weatherford BOP(X2)	\$280
Zubiate trucking	\$1,200
NDSI wtr & truck	\$400
Unichem chemicals	\$300
NPC trucking	\$300
Weatherford "chomp" bit	\$900
Aztec - new J55 tbg	\$29,288
NPC sfc equipment	\$120,000
R & T labor/welding	\$13,600
Monks pit reclaim	\$1,800
NPC location cleanup	\$300
NPC supervision	\$300
DAILY COST:	\$170,490
TOTAL WELL COST:	\$647,358

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 COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 20, 1005

Day: 05

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBTD: 6000' WL  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4834' BP/Sand PBTD:   
 Plug 5460' 5120'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4116-4126'	4/40	LODC sds	5176-5208'	4/128
GB6 sds	4152-4162'	4/40	LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 19, 2005

SITP: SICP: 25

Bleed pressure off well. Rec est 10 BTF. Talley, drift, PU & TIH W/ new Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag plug @ 4260'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4260' in 2.5 hrs(!), no sd, plug @ 4745' in 45 minutes; no sd, plug @ 4900' in 42 minutes. Circ hole clean. Lost est 45 BW today. RD swivel. Pull EOT to 4834'. SIFN W/ est 3570 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3535 Starting oil rec to date:   
 Fluid lost/recovered today: 35 Oil lost/recovered today:   
 Ending fluid to be recovered: 3570 Cum oil recovered:   
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

## COSTS

NC #3 rig	\$4,597
Weatherford BOP	\$140
Weatherford swivel	\$750
Mt. West sanitation	\$520
RNI wtr disposal	\$3,000
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

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: \$9,912

TOTAL WELL COST: \$657,270



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 16-14-9-15

Report Date: Sept. 21, 1005

Day: 06

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8 5/8 @ 313' Prod Csg: 5 1/2" @ 6081' Csg PBTD: 6035'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5972' BP/Sand PBTD: 6035'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4116-4126'	4/40	LODC sds	5176-5208'	4/128
GB6 sds	4152-4162'	4/40	LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 20, 2005

SITP: 0 SICP: 0

Con't PU & TIH W/ bit and tbg f/ 4834'. Tag fill @ 4995'. RU power swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4995', plug @ 5120' in 37 minutes; sd @ 5242', plug @ 5460' in 35 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5837'. PU swivel. Drill plug remains & sd to PBTD @ 6035'. Circ hole clean. Lost est 45 BW during cleanout. RD swivel. Pull EOT to 5972'. RU swab equipment. IFL @ sfc. Made 6 swab runs rec 76 BTF W/ no sd, gas or oil. FFL @ 400'. SIFN W/ est 3539 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3570 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 31 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 3539 Cum oil recovered: \_\_\_\_\_  
 IFL: sfc FFL: 400' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 0

## STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

## COSTS

NC #3 rig	\$4,363
Weatherford BOP	\$140
Weatherford swivel	\$750
NPC trucking	\$300
NDSI HO trk	\$300
NPC supervision	\$300

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: \$6,153

TOTAL WELL COST: \$663,423

**Day: 07**

**Rig:** NC #3

Surf Csg:	<u>8 5/8</u>	@	<u>313'</u>	Prod Csg:	<u>5 1/2"</u>	@	<u>6081'</u>	Csg PBTD:	<u>6035'</u>
Tbg:	Size: <u>2 7/8</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Anchor @:	<u>5658'</u>	BP/Sand PBTD:	<u>6035'</u>

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4116-4126'	4/40	LODC sds	5176-5208'	4/128
GB6 sds	4152-4162'	4/40	LODC sds	5240-5247'	4/28
D1 sds	4677-4689'	4/48	LODC sds	5267-5277'	4/40
C sds	4790-4812'	4/88	LODC sds	5286-5299'	4/52
C sds	4826-4830'	4/16	LODC sds	5349-5358'	4/36
B2 sds	4953-4956'	4/12	CP1 sds	5510-5516'	4/24
A1 sds	5032-5038'	4/24	CP2 sds	5682-5690'	4/32
A3 sds	5061-5064'	4/12			

**SITP: 0      SICP: 0**

## FINAL REPORT!!

Starting fluid load to be recovered:	<u>3539</u>	Starting oil rec to date:	<u>                    </u>
Fluid lost/recovered today:	<u>1</u>	Oil lost/recovered today:	<u>                    </u>
Ending fluid to be recovered:	<u>3540</u>	Cum oil recovered:	<u>                    </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

			NC #3 rig	\$4,363
KB	12.00'	1 1/2" X 22' polished rod	Weatherford BOP	\$140
181	2 7/8 J-55 tbg (5645.62')	1-8' & 1-2' X 3/4" pony rods	CDI rod pump	\$1,325
	TA (2.80' @ 5657.62' KB)	99-3/4" scraped rods	A grade rod string	\$11,482
1	2 7/8 J-55 tbg (31.38')	112-3/4" plain rods	NPC frac tks(10X6 dys)	\$2,400
	SN (1.10' @ 5691.80' KB)	10-3/4" scraped rods	NPC swb tk (4 days)	\$160
2	2 7/8 J-55 tbg (62.56')	6-1 1/2" weight rods	NPC frac head	\$500
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14'	Zubiate HO trk	\$350
EOT	5755.91' W/ 12' KB	RHAC pump W/ SM plunger	NPC supervision	\$300

**Completion supervisor:** Gary Dietz

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4066'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 184' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 363'

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

## Ashley Federal 16-14-9-15

Spud Date: 6-28-05  
Put on Production: 9-22-05  
GL: 6273' KB: 6285'

Initial Production: 100 BOPD,  
38 MCFD, 131 BWPD

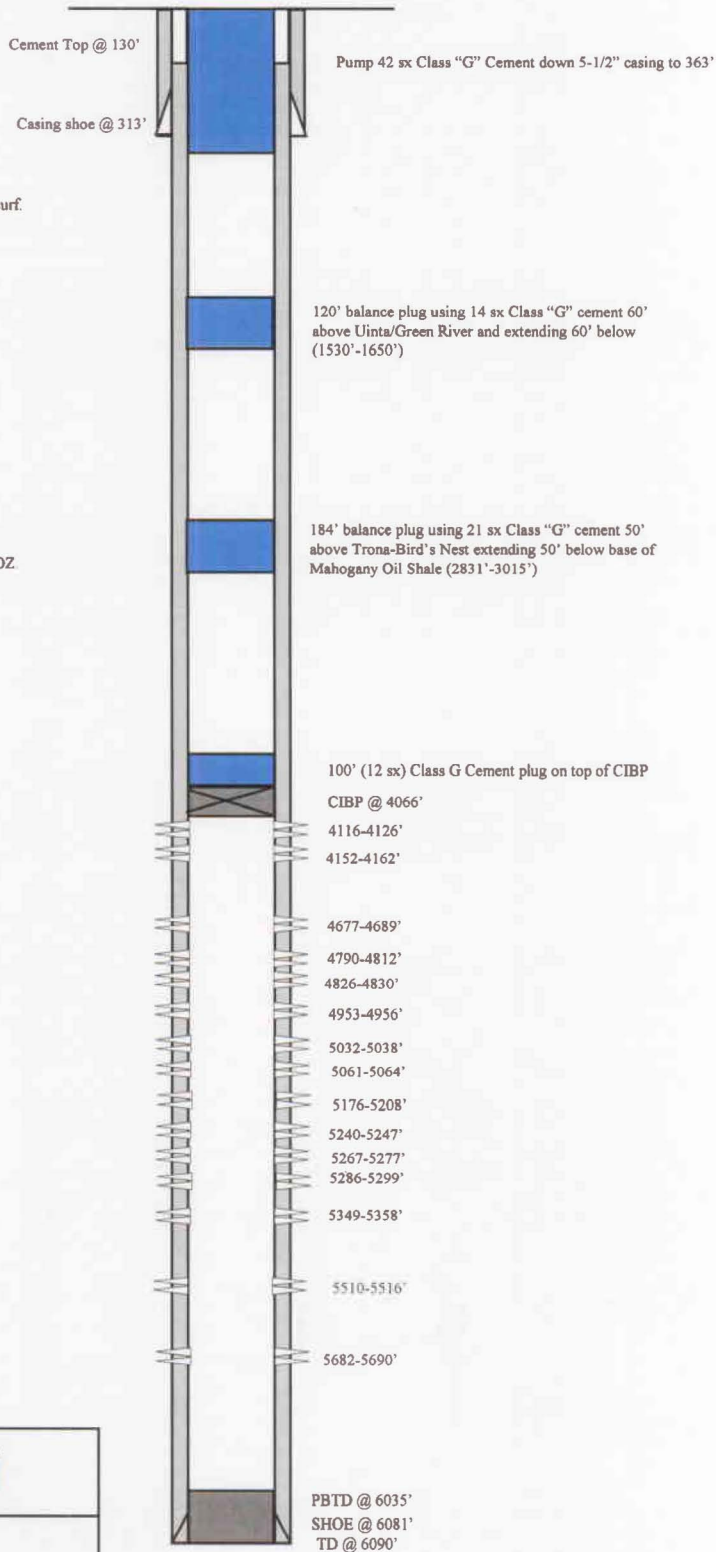
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (301.22')  
DEPTH LANDED: 313.07' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts (6082.17')  
DEPTH LANDED: 6081.42' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 130'



Ashley Federal 16-14-9-15  
620' FSL & 645' FEL  
SE/SE Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32667; Lease #UTU-68548



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. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

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

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
620 FSL 645 FEL  
SESE Section 14 T9S R15E

5. Lease Serial No.

USA UTU-68548

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

ASHLEY FEDERAL 16-14-9-15

9. API Well No.

4301332667

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" 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 recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

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

Title

Regulatory Technician

Jill Loyle

Signature

Date

02/07/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> Newfield Production Company		<b>8. WELL NAME and NUMBER:</b> Ashley Fed 16-14-9-15
<b>3. ADDRESS OF OPERATOR:</b> 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		<b>9. API NUMBER:</b> 43013326670000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 620 FSL 645 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 14 Township: 9S Range: 15E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>PHONE NUMBER:</b> 435-646-4802		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<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: 4/25/2019	<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"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> On 04/24/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/25/2019 the casing was pressured up to 1017 psig and charted for 15 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1283 psig during the test. There was a State representative available to witness the test - Mark Reinbold.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          June 26, 2019</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Field Production Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/26/2019	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

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

UDOGM Witness: MARK Reinhold Date: 4-25-2019 Time: 9:40 (am) pm  
Test Conducted By: EVERETT UNRUH  
Others Present: \_\_\_\_\_

Well Name: <u>ASHLEY FEDERAL 16-14-9-15</u>			
Field: <u>MONUMENT BUTTE</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>SESE</u> Sec: <u>14</u>	T <u>9</u> N/S <u>15</u>	R <u>15</u> (E) W	
Operator: <u>Newfield</u>		API # <u>43-013-32667</u>	
Last MIT: <u>5/21/2014</u>		Maximum Allowable Pressure: <u>1687</u>	psig

Is this a regular scheduled test? ☒ Yes ☐ No  
Initial Test for Permit? ☐ Yes ☒ No  
Test after well rework? ☐ Yes ☒ No  
Well injection during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing / tubing annulus pressure: 0 / 1282 psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure	<u>1282</u>	psig	psig
End of test pressure	<u>1283</u>	psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes	<u>1019.4</u>	psig	psig
5 minutes	<u>1018.4</u>	psig	psig
10 minutes	<u>1017.8</u>	psig	psig
15 minutes	<u>1017.0</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

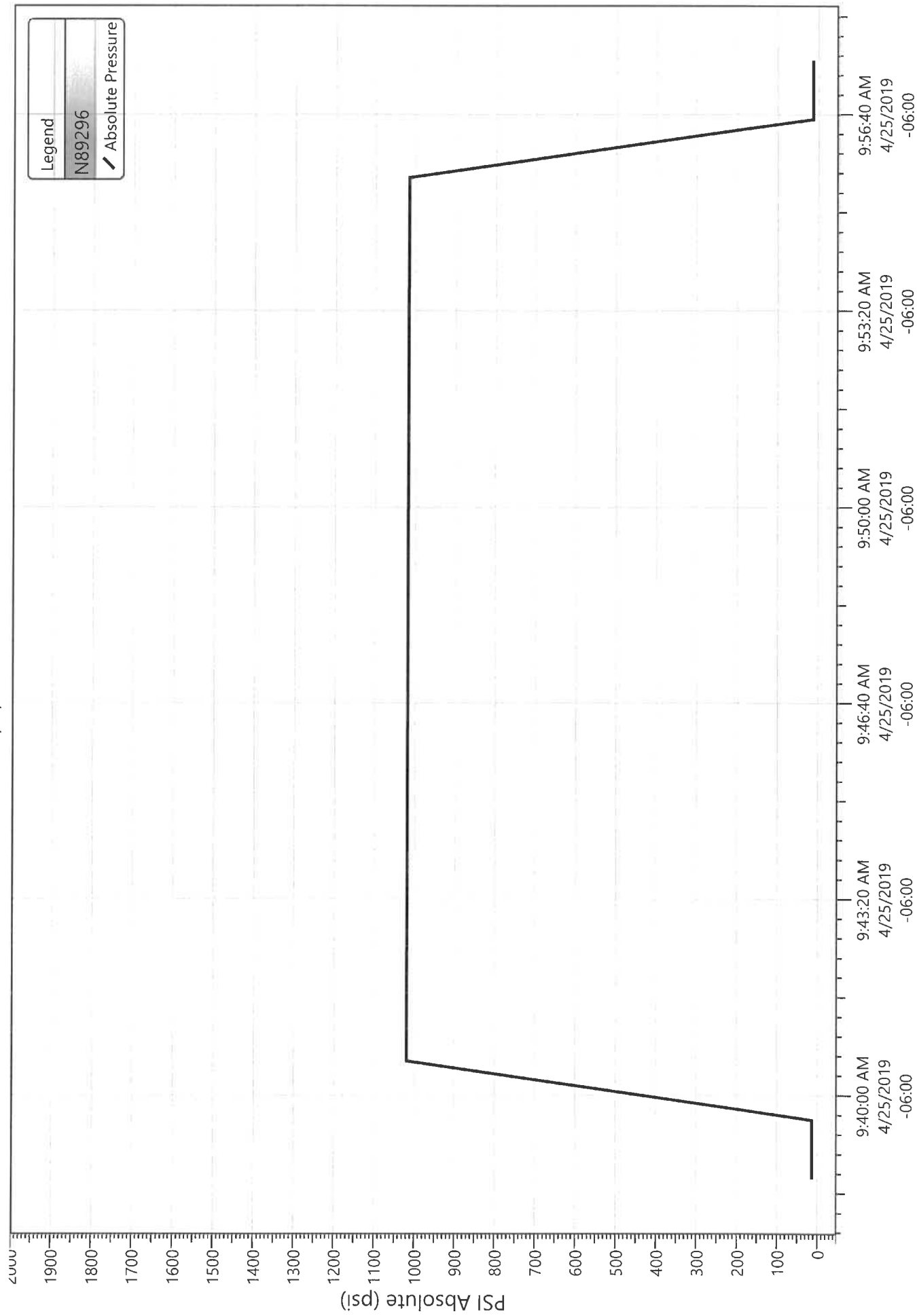
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Mark L Reinhold

Signature of Person Conducting Test: Everett Unruh

Ashley Federal 16-14-9-15 (4/25/2019, 5 yr. MIT)

4/25/2019 9:37:39 AM



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

Effective Date: 1/24/2020

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Newfield Production Company	Ovintiv Production, Inc.
<b>Groups:</b>	
Greater Monument Butte	

**WELL INFORMATION:**

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

Total Well Count: 4704

**OPERATOR CHANGES DOCUMENTATION:**

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

3/16/2020

3/16/2020

755627-0143

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on:

Reports current for Production/Disposition & Sundries:

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

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

Surface Facility(s) included in operator change:

9/2/2020

1/14/2021

12/21/2020

3/25/2020

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

**NEW OPERATOR BOND VERIFICATION:**

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

B001834.A

107238142-Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on:

1/14/2021

Group(s) update in RDBMS on:

1/14/2021

Surface Facilities update in RBDMS on:

1/14/2021

Entities Updated in RBDMS on:

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**see attached list**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
**see attached**

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
**see attached**

9. API NUMBER:  
**attached**

10. FIELD AND POOL, OR WILDCAT:  
**attached**

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**Newfield Production Company**

3. ADDRESS OF OPERATOR:  
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:  
**(435) 646-4936**

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

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

**UTAH**

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

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

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

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

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

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

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

(This space for State use only)



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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

4 Waterway Square Place St. CITY The Woodlands

STATE TX

ZIP 77380

PHONE NUMBER:

(435) 646-4936

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

\_\_\_\_\_



SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

\_\_\_\_\_



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: \_\_\_\_\_

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

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

PREVIOUS NAME:

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

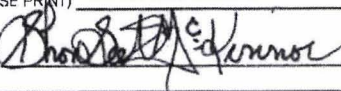
NEW NAME:

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

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE



DATE

3/16/2020

(This space for State use only)



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

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

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

NEW OPERATOR

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

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

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

Mar 25, 2020

☐ EPA approval required

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

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

Effective Date: 7/1/2021

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv Production, Inc.	Ovintiv USA, Inc.
Groups: Greater Monument Butte	

**WELL INFORMATION:**

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

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

**OPERATOR CHANGES DOCUMENTATION:**

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

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021  
Reports current for Production/Disposition & Sundries: 9/22/2021  
OPS/SIT/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021  
UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021

Surface Facility(s) included in operator change:

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

**NEW OPERATOR BOND VERIFICATION:**

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

**DATA ENTRY:**

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

**COMMENTS:**

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



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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Ovintiv Production, Inc.

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

PHONE NUMBER:  
(281) 210-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE

*Julia M. Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of  
Oil, Gas, and Mining

*Rachel Medina*



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well	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

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

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

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
2. NAME OF OPERATOR: Scout Energy Management, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A	8. WELL NAME and NUMBER: See attached Exhibit A
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____	9. API NUMBER: Attached
STATE: UTAH	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A

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

PREVIOUS OPERATOR:  
Orintiv USA Inc.  
4 Waterway Square Place, Suite 100  
The Woodlands, Texas 77380

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

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

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

NAME (PLEASE PRINT) Todd Flott	TITLE Managing Director
SIGNATURE 	DATE 8/31/2022

(This space for State use only)

**APPROVED**

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





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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

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

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

NEW OPERATOR

Company: Scout Energy Management LLC  
Address: 13800 Montford Road, Suite 100  
city Dallas state TX zip 75240  
Phone: 972-325-1027  
Comments: Change of operator effective 9/1/2022

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

(This space for State use only)

[Signature]

☐ EPA approval required

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

<div>STATE OF UTAH</div> <div>DEPARTMENT OF NATURAL RESOURCES</div> <div>DIVISION OF OIL, GAS, AND MINING</div>		<div>FORM 9</div> <div>5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-68548</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: Ashley Fed 16-14-9-15</div>	
<div>2. NAME OF OPERATOR: Scout Energy Management, LLC</div>		<div>9. API NUMBER: 43013326670000</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: 620 FSL 645 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 14 Township: 9S Range: 15E 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: 2/14/2024</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 2/14/24 the casing was pressured up to 1208 PSIG and charted for 20 minutes with no pressure loss. The tubing was 970 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>February 27, 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 2/21/2024</div>	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

Scout EP  
1820 W Highway 40  
Roosevelt, UT 84066  
435.352.6282

Witness Adam Miller Date: 2/14/2024 Time: 2:05 am ☒ pm  
Test Conducted By: Troy Blackburn  
Others Present: \_\_\_\_\_ 43-013-32667

Well Name: <u>Ashley Federal 16-14-9-15</u>			
Field: <u>Gmbu</u>	County: <u>Duchesne</u>		State: <u>UT</u>
Location: <u>16</u>	Sec: <u>14</u>	T <u>9</u>	N/O <u>15</u> <input checked="" type="radio"/> W
Operator: <u>SCOUT Energy</u>			
Last MI: <u>1</u>		Maximum Allowable Pressure: <u>1687</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: 0 bpd

Pre-test casing / tubing annulus pressure: 0 / 970 psig

MIT DATA TABLE		Test #1	Test #2
TUBING PRESSURE			
Initial Pressure	<u>970</u>	psig	psig
End of test pressure	<u>950</u>	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1208</u>	psig	psig
5 minutes	<u>1207</u>	psig	psig
10 minutes	<u>1206</u>	psig	psig
15 minutes	<u>1206</u>	psig	psig
20 minutes	<u>1205</u>	psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
____ minutes		psig	psig
____ minutes		psig	psig
RESULT <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass <input type="checkbox"/> Fail			

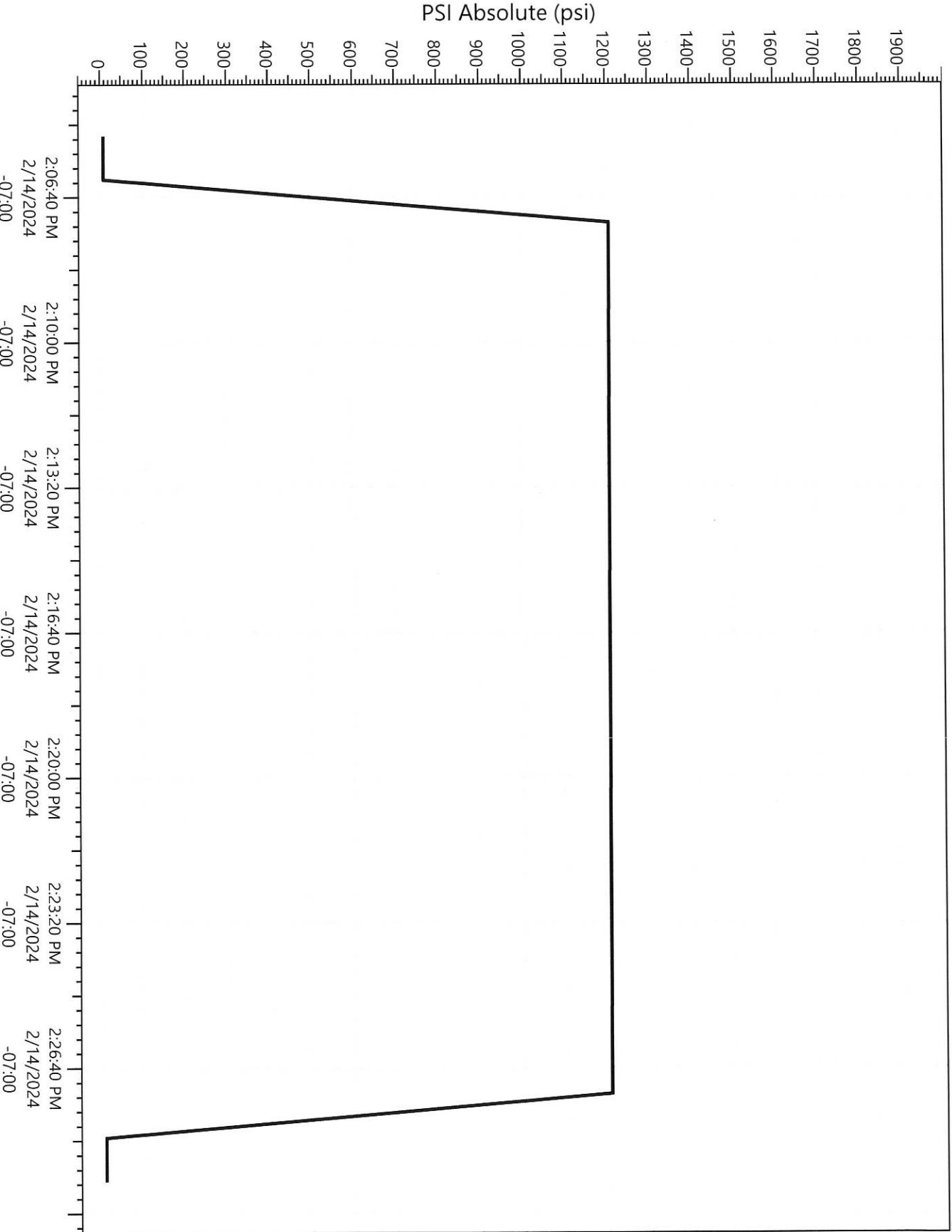
Does the annulus pressure build back up after test? ☐ Yes ☒ No

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

Signature of Witness: Adam Miller

Signature of Person Conducting Test: Troy Blackburn

Ashley 16-14-9-15  
2/14/2024 2:05:14 PM



Legend

P23447

Pressure

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Scout Energy Management, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> Greater Monument Butte
<b>3. ADDRESS OF OPERATOR:</b> 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240		<b>8. WELL NAME and NUMBER:</b> Ashley Fed 16-14-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 620 FSL 645 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 14 Township: 9S Range: 15E Meridian: S		<b>9. API NUMBER:</b> 43013326670000
<b>PHONE NUMBER:</b> 972-277-1397		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/27/2025  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input checked="" type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION           OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Scout Energy Management, LLC has successfully returned this well to active injection on 8/27/2025.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          (This is not an approval)          September 18, 2025</b>		
<b>NAME (PLEASE PRINT)</b> Tanesha Griffin	<b>PHONE NUMBER</b> 469-485-3431	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/18/2025	



# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

Scout EP  
1820 W Highway 40  
Roosevelt, UT 84066  
435.352.6282

Witness: Bryan Boren Date: 8-25-25 Time: 1:02 am ☒ pm  
Test Conducted By: Justin Dahlberg  
Others Present: \_\_\_\_\_

Well Name: <u>Ashley Federal</u>		<u>16-14-9-15</u>	
Field: <u>Greeter Monument Butte</u>	County: <u>Duchesne</u>	State: <u>Utah</u>	
Location: <u>16</u>	Sec: <u>14</u>	T <u>9</u>	N <input checked="" type="radio"/> R <u>15</u> <input checked="" type="radio"/> W
Operator: <u>Scout</u>			
Last MI: <u>/ /</u>		Maximum Allowable Pressure: <u>1687</u> psig	

Is this a regular scheduled test?    ☒ Yes    ☐ No  
 Initial Test for Permit?    ☐ Yes    ☒ No  
 Test after well rework?    ☐ Yes    ☒ No  
 Well injection during test?    ☐ Yes    ☒ No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing / tubing annulus pressure: 0 / 900 psig

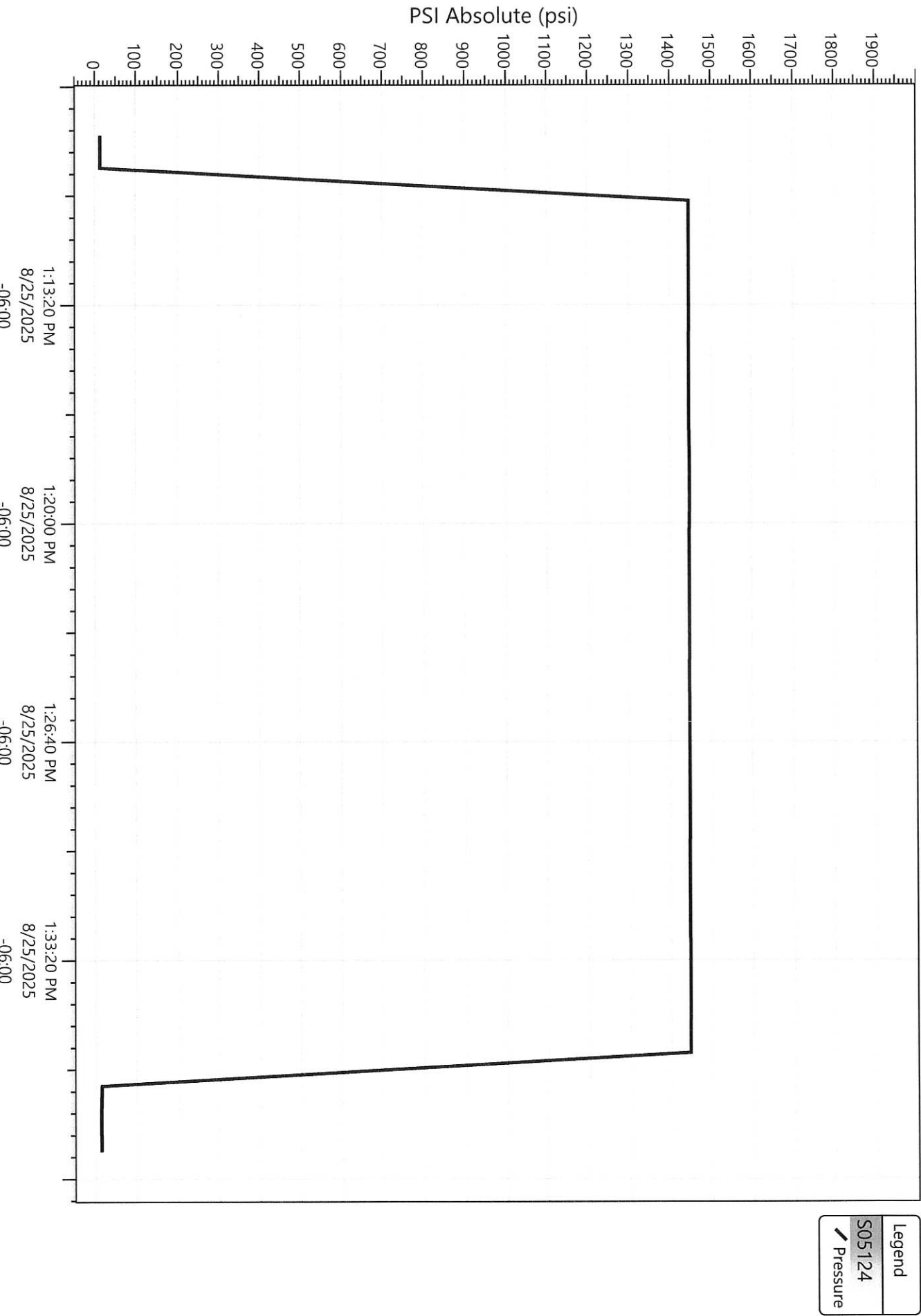
MIT DATA TABLE		Test #1	Test #2
TUBING PRESSURE			
Initial Pressure	<u>900</u>	psig	psig
End of test pressure	<u>900</u>	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1446</u>	psig	psig
5 minutes	<u>1446</u>	psig	psig
10 minutes	<u>1446</u>	psig	psig
15 minutes	<u>1446</u>	psig	psig
20 minutes	<u>1446</u>	psig	psig
25 minutes	<u>1445</u>	psig	psig
30 minutes		psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

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

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Justin Dahlberg



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2025 <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DRILLING REPORT Report Date: <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT 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"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
OTHER: <input style="width: 100px;" type="text"/>		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> A 5 YR MIT was performed on the above listed well after a WO to clear tubing obstruction. On 8/25/2025 the casing was pressured up to 900 PSIG and charted for 25 minutes with no pressure loss. The tubing was 1445 PSIG during the test. State representative, Bryan Boren, was present during testing.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          (This is not an approval)          September 19, 2025</b>		
<b>NAME (PLEASE PRINT)</b> Tanesha Griffin	<b>PHONE NUMBER</b> 469-485-3431	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/18/2025	

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Test Conducted By: Justin Dahlberg  
Others Present: \_\_\_\_\_

Well Name: <u>Ashley Federal</u>		<u>16-14-9-15</u>	
Field: <u>Greeter Monument Butte</u>	County: <u>Duchesne</u>	State: <u>Utah</u>	
Location: <u>16</u>	Sec: <u>14</u>	T <u>9</u>	N <input checked="" type="radio"/> R <u>15</u> <input checked="" type="radio"/> W
Operator: <u>Scout</u>			
Last MI: <u>/ /</u>		Maximum Allowable Pressure: <u>1687</u> psig	

Is this a regular scheduled test?    ☒ Yes    ☐ No  
Initial Test for Permit?    ☐ Yes    ☒ No  
Test after well rework?    ☐ Yes    ☒ No  
Well injection during test?    ☐ Yes    ☒ No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing / tubing annulus pressure: 0 / 900 psig

MIT DATA TABLE		Test #1	Test #2
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25 minutes	<u>1445</u>	psig	psig
30 minutes		psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

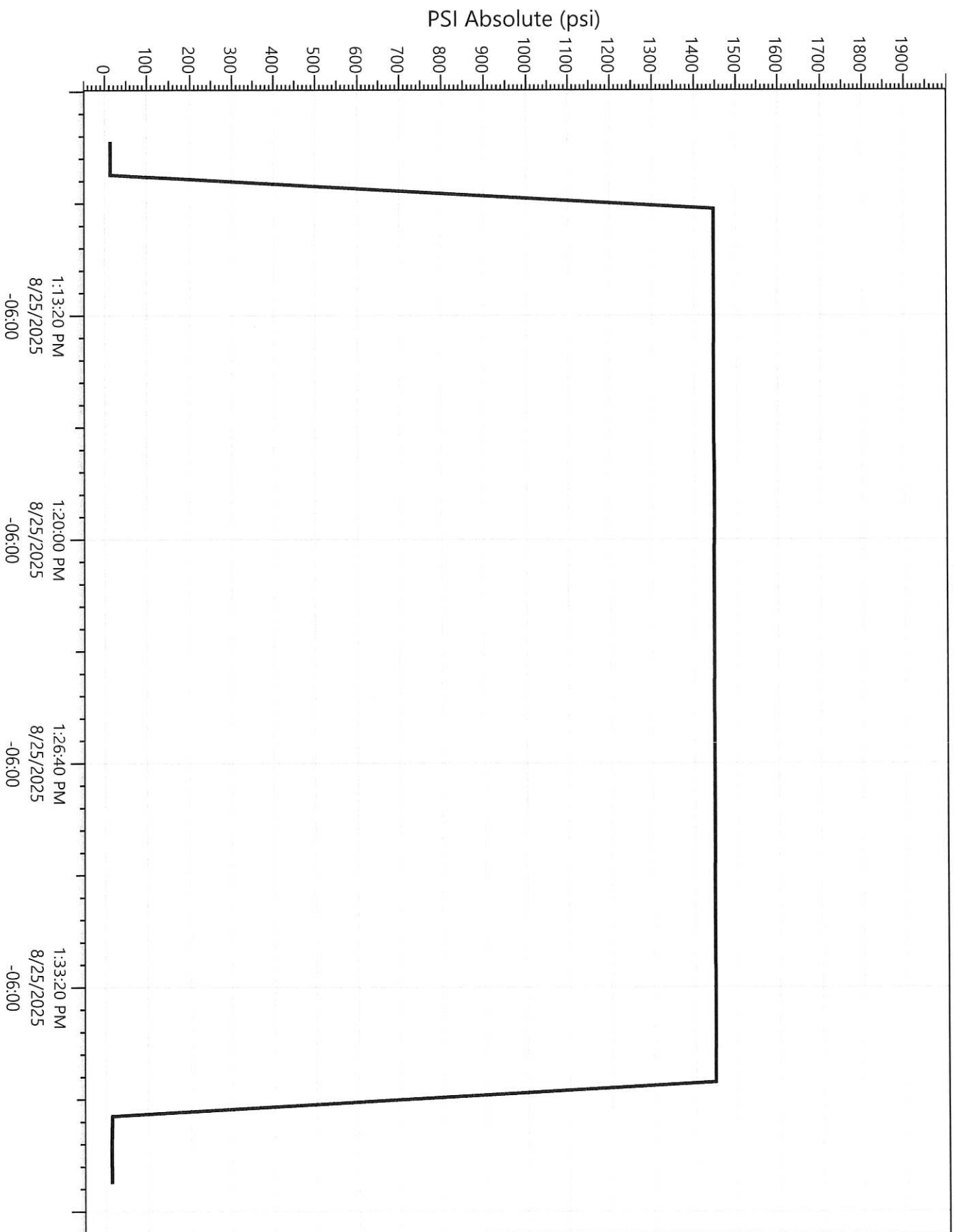
Does the annulus pressure build back up after test?    ☐ Yes    ☒ No

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

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Justin Dahlberg

Ashley 16-14-9-15  
8/25/2025 1:08:07 PM



Legend  
S05124  
Pressure