



February 7, 2003

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

RE: Applications for Permit to Drill: Ashley Federal 3-22, 4-22, 9-22, 9-23,  
16-23, and 11-24-9-15.

Dear Diana:

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

Sincerely,

Mandie Crozier  
Permit Clerk

mc  
enclosures

RECEIVED

FEB 10 2003

DIV. OF OIL, GAS & MINING

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-019222	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME Ashley	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		8. FARM OR LEASE NAME WELL NO. Ashley Federal 16-23-9-15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface SE/SE 545' FSL 565' FEL 4429050 Y 40.01000 At proposed Prod. Zone 469000 Z 110.13-10		9. API WELL NO. 43-013-32425	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17.6 miles southwest of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 545' f/lse line & 5845' f/unit line	16. NO. OF ACRES IN LEASE 40.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1666'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6354' GR		22. APPROX. DATE WORK WILL START* 3rd Quarter 2003	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			
QUANTITY OF CEMENT			

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

FEB 10 2003

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. Marchisio TITLE Permit Clerk DATE 2/7/03

(This space for Federal or State office use)

PERMIT NO. 43-013-32425 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

**Federal Approval of this  
Action is Necessary**

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE 02-13-03  
ENVIRONMENTAL SCIENTIST III

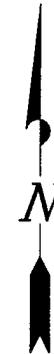
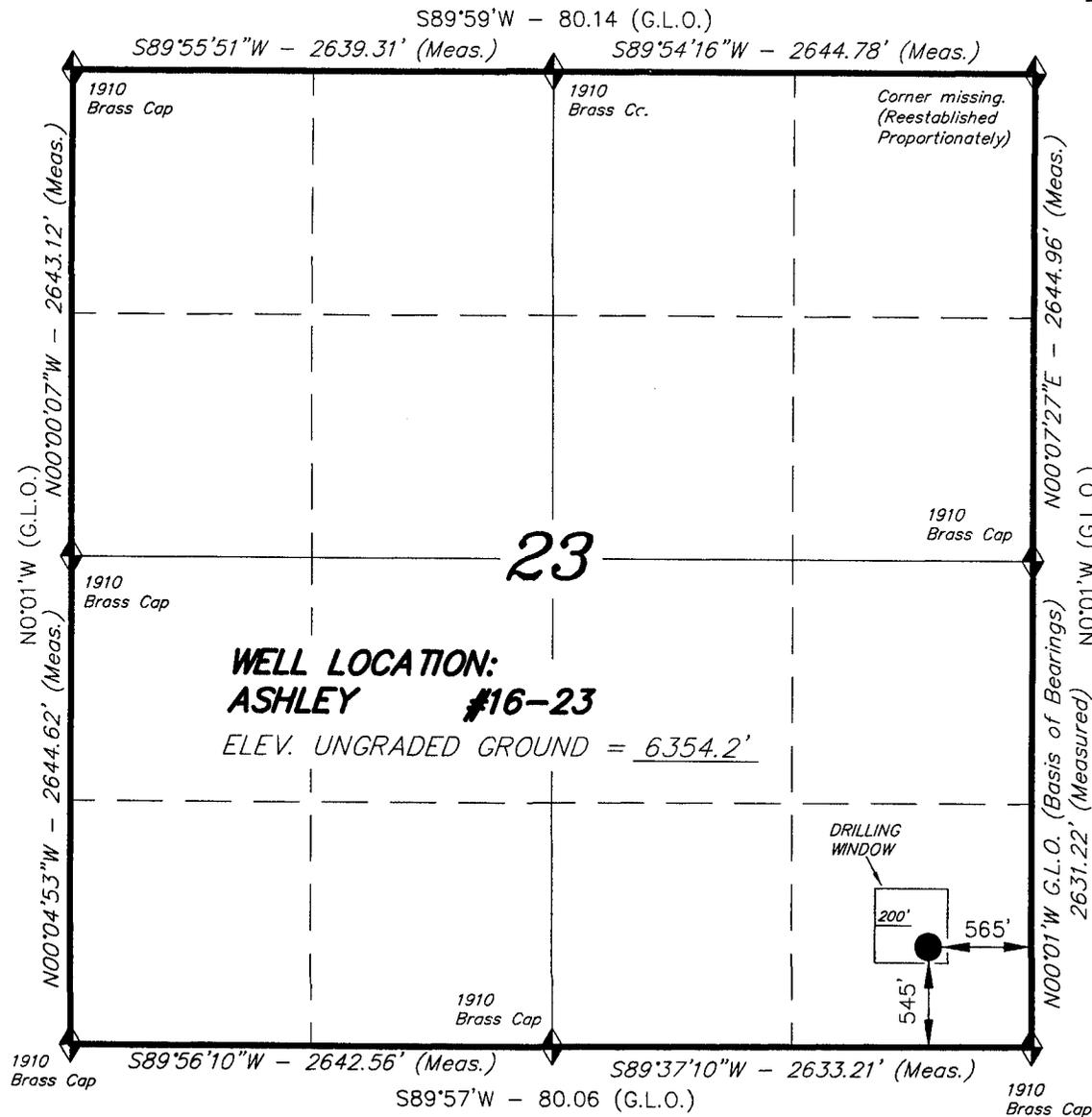
\*See Instructions On Reverse Side

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

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

## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY #16-23,  
 LOCATED AS SHOWN IN THE SE 1/4 SE  
 1/4 OF SECTION 23, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED

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

### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 9-27-02

DRAWN BY: J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #16-23-9-15  
SE/SE SECTION 23, 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	6500'

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 #16-23-9-15  
SE/SE SECTION 23, 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 # 16-23-9-15 located in the SE 1/4 SE 1/4 Section 23, 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 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly 13.2 miles  $\pm$  to it's junction with an existing road to the east; proceed easterly - 1.0 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed northerly along the proposed access road 590'  $\pm$  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

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and

surface material stockpile(s).

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 Paleontological Resource Survey and Archaeological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Ashley Federal #16-23-9-15 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

**Water Disposal**

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 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.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

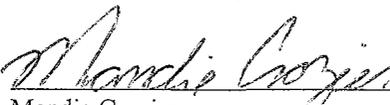
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #16-23-9-15 SE/SE Section 23, Township 9S, Range 15E: Lease U-019222 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.

2/17/03

Date

  
Mandie Crozier

Permit Clerk

Well No.: Ashley Federal 16-23-9-15

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 16-23-9-15

API Number:

Lease Number: U-019222

Location: SE/SE Sec. 23, T9S, R15E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

**SAGE GROUSE:** No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the location's proximity (2 mile radius) to Sage Grouse strutting grounds.

**GOLDEN EAGLE:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between February 15 and May 30. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. If new construction or surface disturbing activities are scheduled between April 1 and July 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

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

Black Sage	<i>Artemisia nova</i>	3 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	3 lbs/acre
Shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
Bluebunch wheatgrass	<i>Agropyron spicatum</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

**PIPELINES**

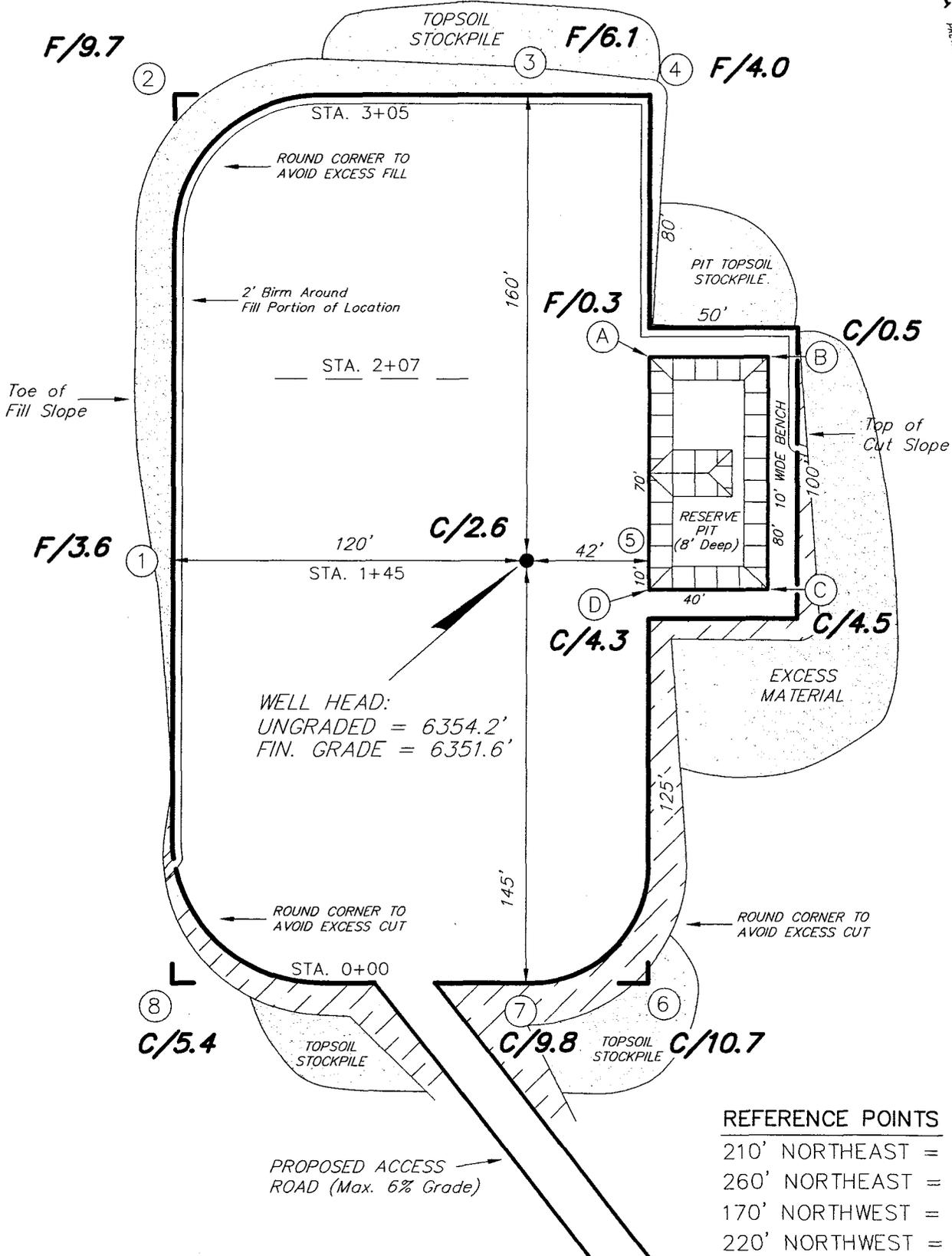
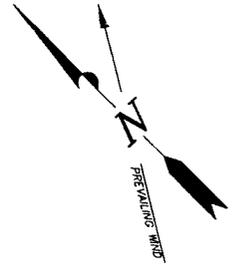
Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

# INLAND PRODUCTION COMPANY

ASHLEY UNIT #16-23  
SEC. 23, T9S, R15E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 6354.2'  
FIN. GRADE = 6351.6'

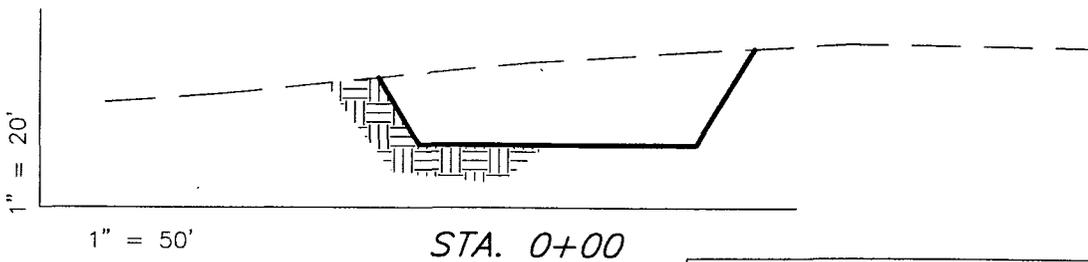
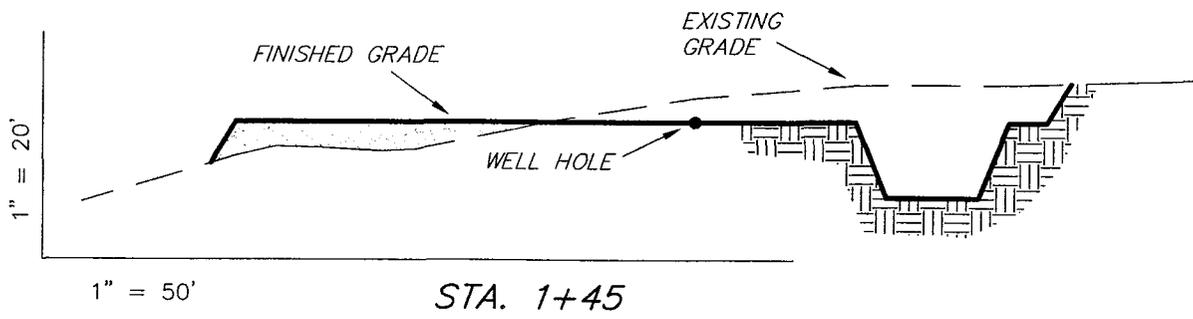
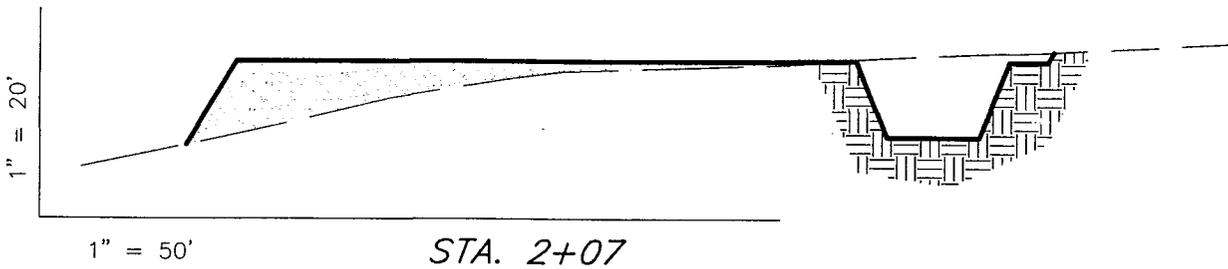
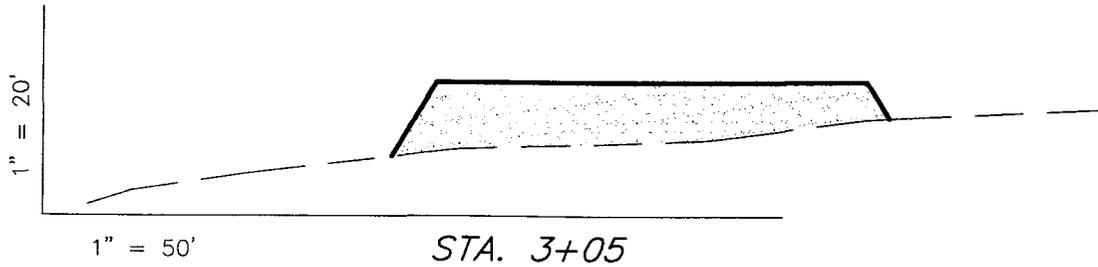
### REFERENCE POINTS

- 210' NORTHEAST = 6345.8'
- 260' NORTHEAST = 6344.9'
- 170' NORTHWEST = 6342.0'
- 220' NORTHWEST = 6341.4'

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 9-30-02

**Tri State**  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078  
(435) 781-2501

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT #16-23**



ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,240	4,240	Topsoil is not included in Pad Cut	0
PIT	640	640	Topsoil is not included in Pad Cut	640
<b>TOTALS</b>	<b>4,880</b>	<b>4,240</b>	<b>1,010</b>	<b>640</b>

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

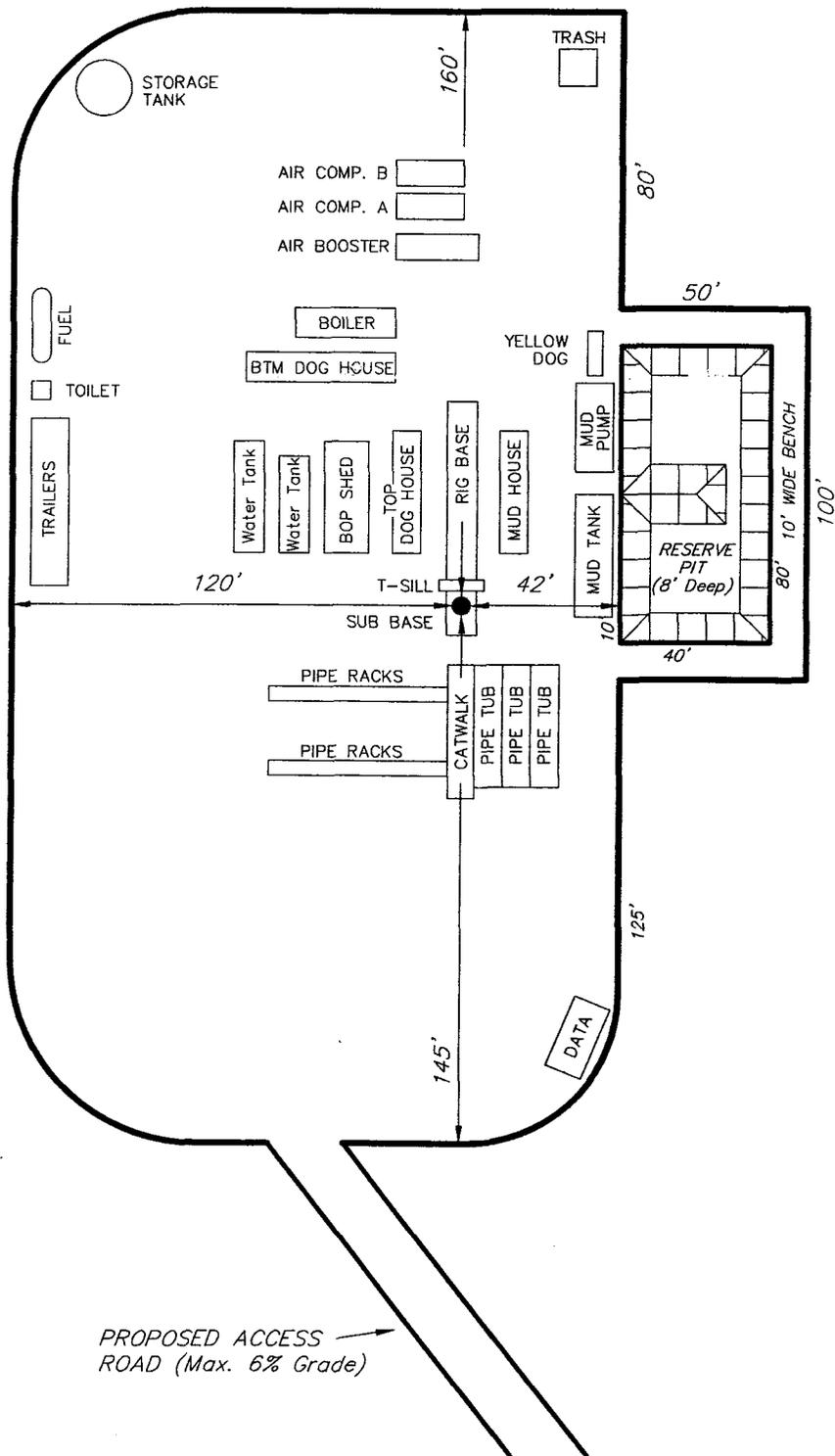
SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 9-30-02

**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 38 WEST 100 NORTH VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT #16-23



PROPOSED ACCESS ROAD (Max. 6% Grade)

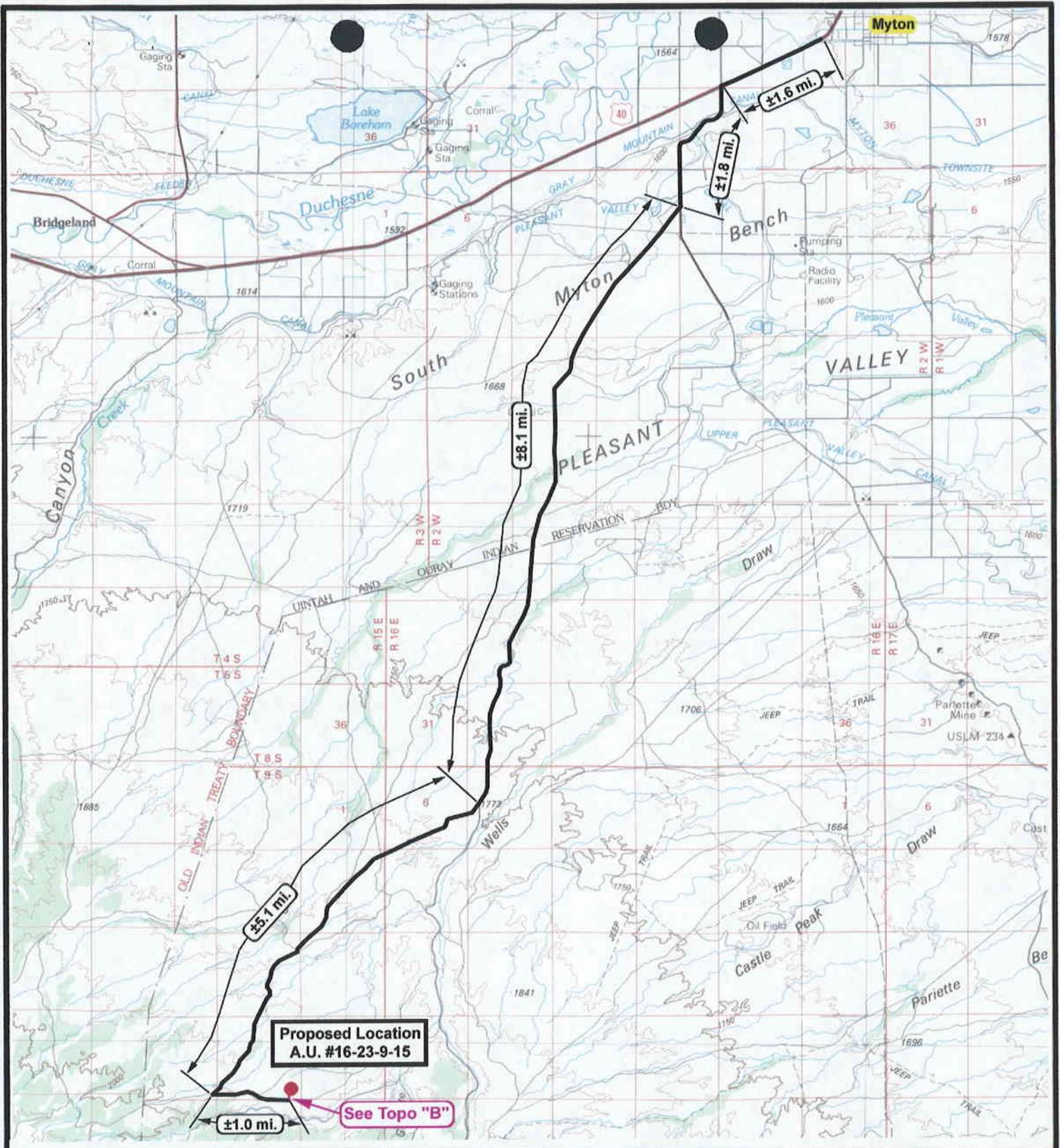
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 9-30-02

**Tri State**  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078  
(435) 781-2501



**Ashley #16-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



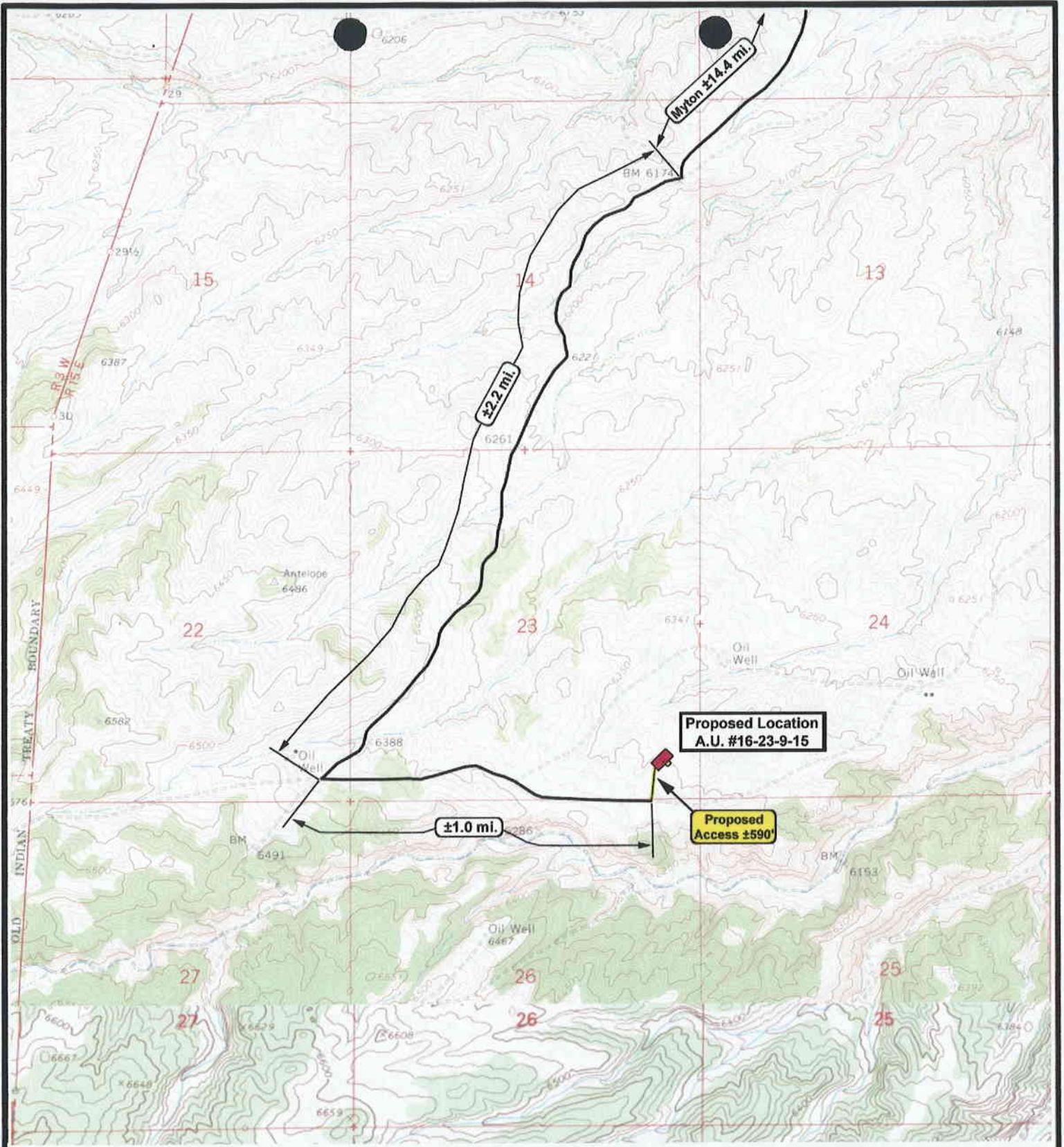
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: R.A.B.  
 DATE: 09-27-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
"A"



**Ashley #16-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



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

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 09-27-2002

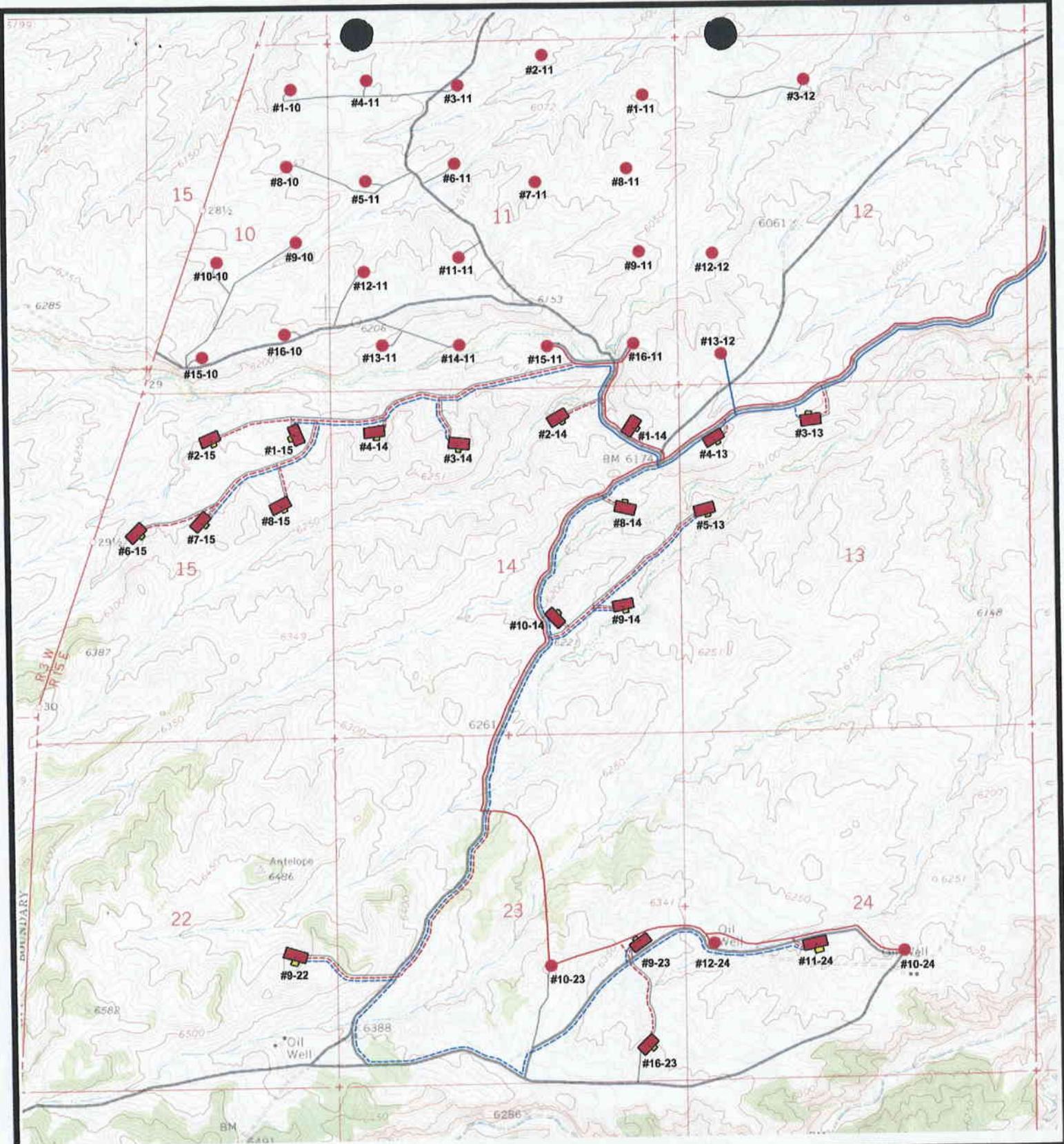
**Legend**

Existing Road

Proposed Access

TOPOGRAPHIC MAP

**"B"**



**Gas & Water Pipelines  
SEC. 13-15 & 22-24, T9S, R15E, S.L.B.&M.**

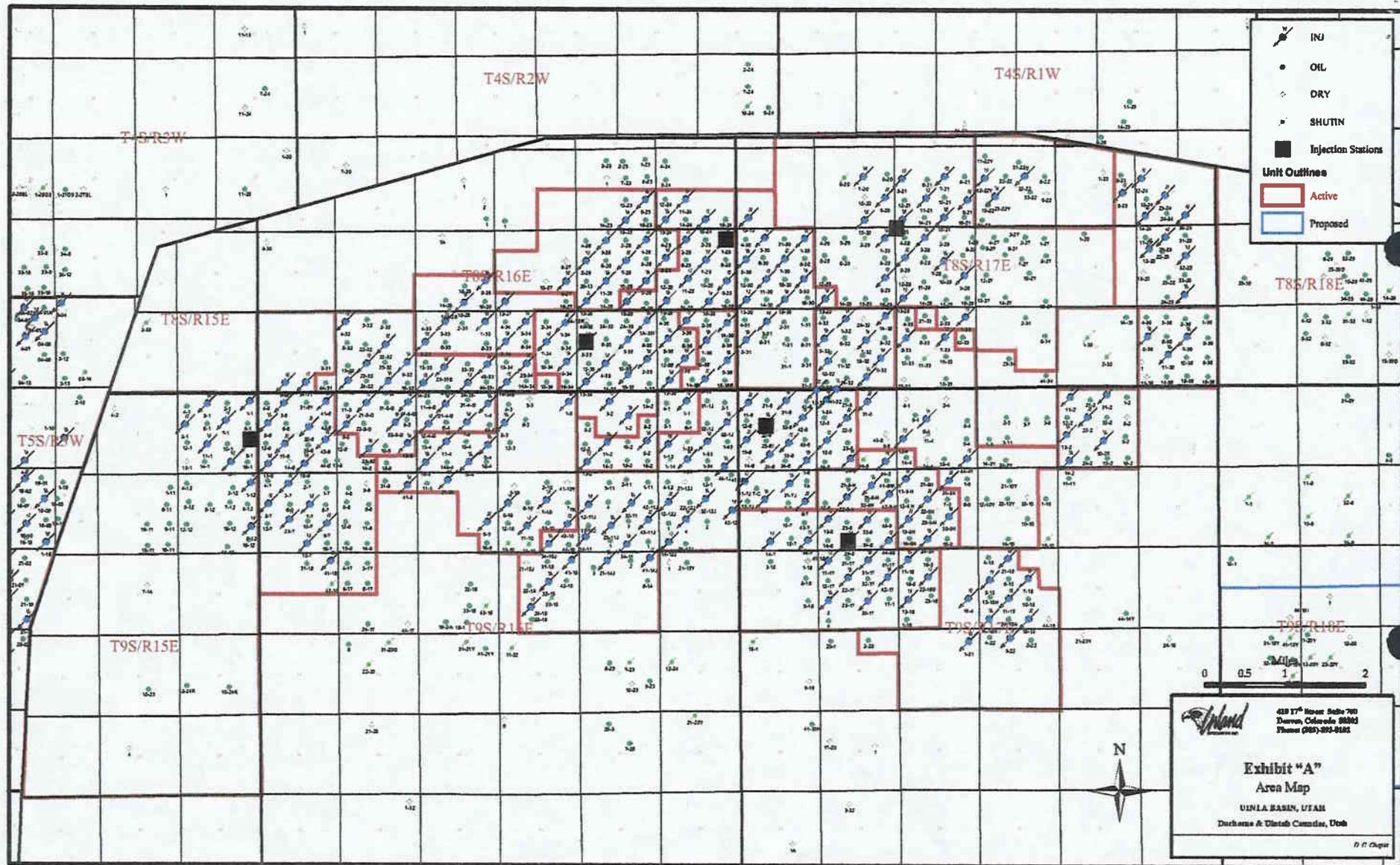


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

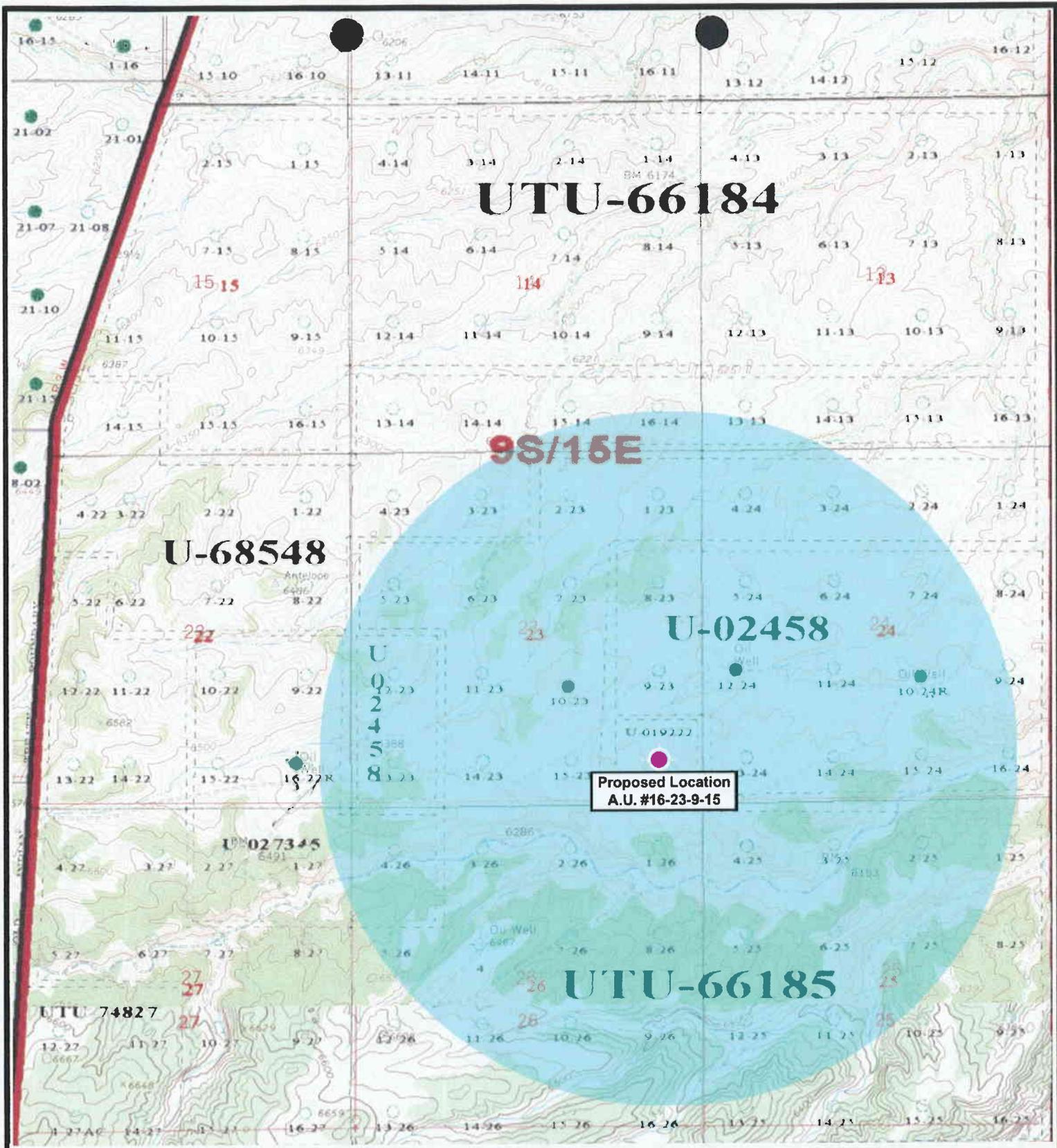
SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: Rev. 09-27-2002

Legend	
	Roads
	Existing Gas Line
	Proposed Gas Line
	Existing Injection Line
	Proposed Injection Line

TOPOGRAPHIC MAP  
**"C"**



January 15, 2003



**Ashley #16-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



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

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 09-27-2002

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

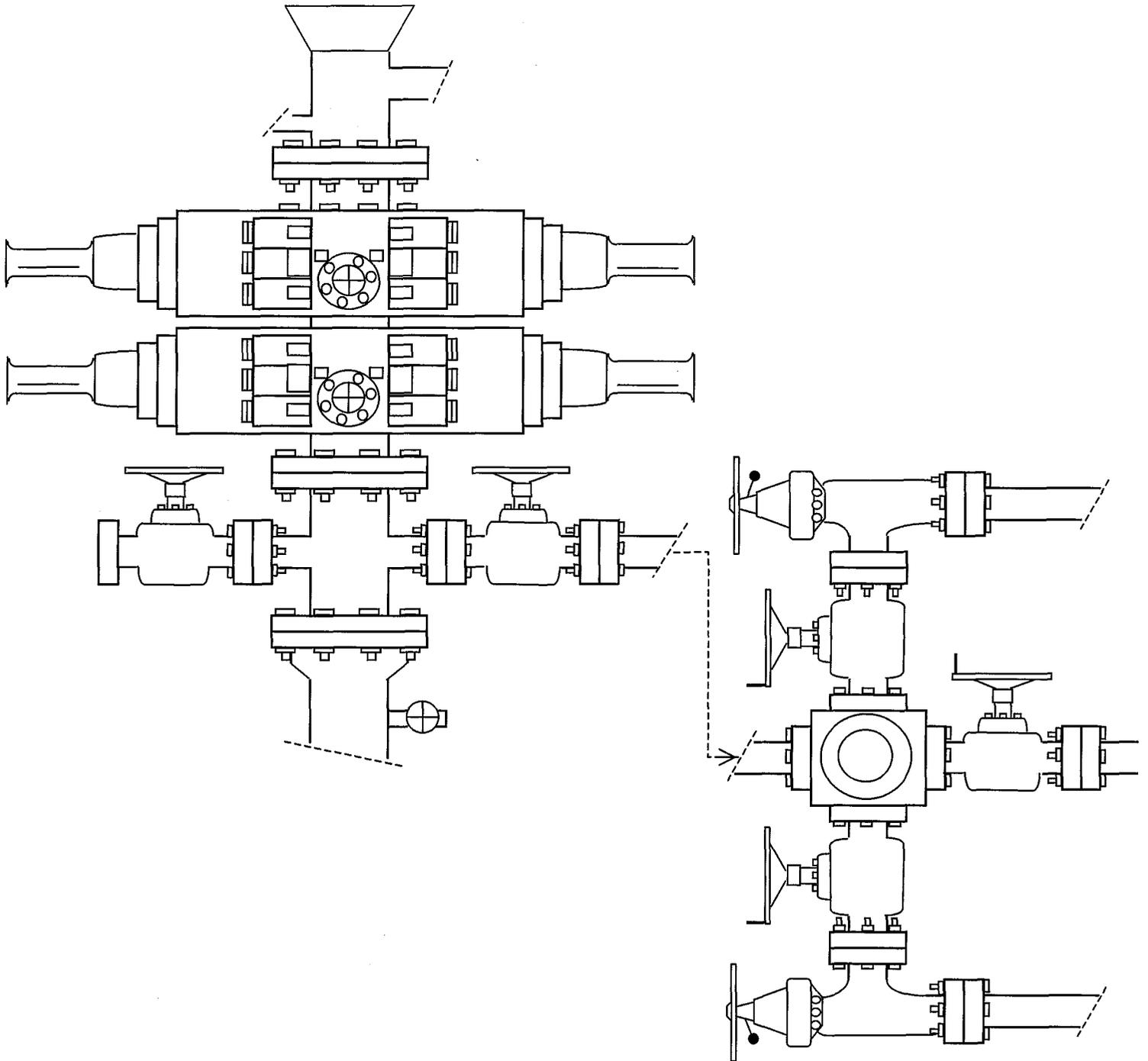


EXHIBIT C

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/10/2003

API NO. ASSIGNED: 43-013-32425

WELL NAME: ASHLEY FED 16-23-9-15

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 23 090S 150E  
SURFACE: 0545 FSL 0565 FEL  
BOTTOM: 0545 FSL 0565 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-019222

SURFACE OWNER: 1 - Federal

LATITUDE: 40.01072

PROPOSED FORMATION: GRRV

LONGITUDE: 110.19130

RECEIVED AND/OR REVIEWED:

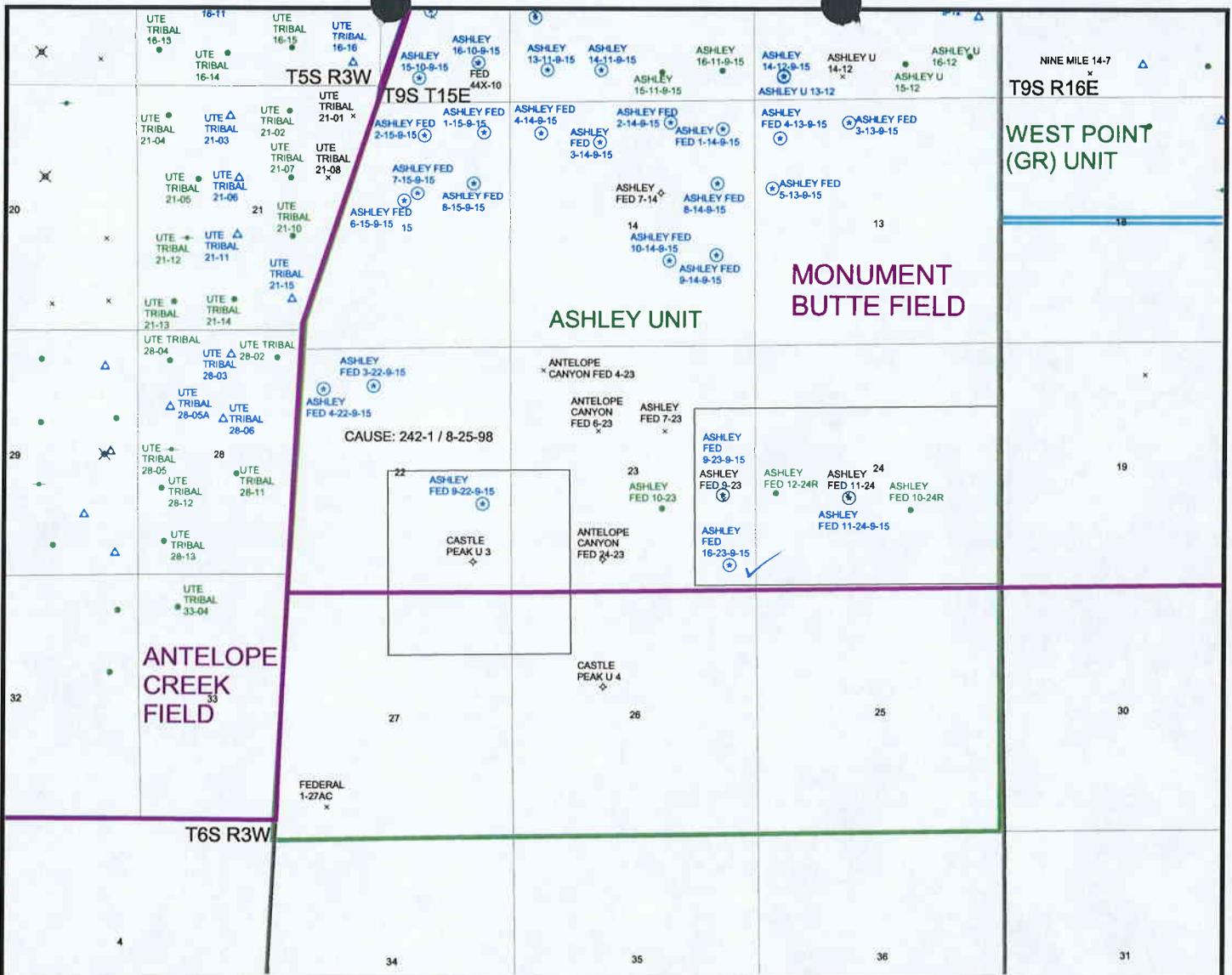
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

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: 8-25-98  
Siting: (Suspends General Siting)
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal approval



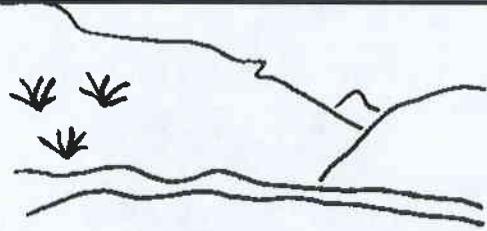
OPERATOR: INLAND PRODUCTION (N5160)

SEC. 23 T9S, R15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-98



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

UNIT STATUS

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

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON  
DATE: 12-FEBRUARY-2003



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

February 13, 2003.

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

Re: Ashley Federal 16-23-9-15 Well, 545' FSL, 565' FEL, SE SE, Sec. 23, 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 43-013-32425.

Sincerely,

John R. Baza  
Associate Director

pb  
Enclosures

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

**Operator:** Inland Production Company

**Well Name & Number** Ashley Federal 16-23-9-15

**API Number:** 43-013-32425

**Lease:** U-019222

**Location:** SE SE      **Sec.** 23      **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

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

005

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**545 FSL 565 FEL SE/SE Section 23, T9S R15E**

5. Lease Designation and Serial No.

**U-019222**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 16-23-9-15**

9. API Well No.

**43-013-32425**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Permit Extension

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/13/03 (expiration 2/13/04).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 02-12-04  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 2-12-04  
Initials: CHD

RECEIVED  
FEB 03 2004  
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 2/2/2004  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-32425  
**Well Name:** Ashley Federal 16-23-9-15  
**Location:** SE/SE Section 23, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 2/13/2003

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

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

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

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

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

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

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

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

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

*Shandi Crozier*  
Signature

2/3/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPROVED  
JUL 10 2004

5. LEASE DESIGNATION AND SERIAL NO.  
**U-019222**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**Ashley**

8. FARM OR LEASE NAME WELL NO  
**Ashley Federal 16-23-9-15**

9. API WELL NO.  
**43-013-32425**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC. T., R., M., OR BLK.  
AND SURVEY OR AREA  
**SE/SE  
Sec. 23, T9S, R15E**

12. County  
**Duchesne**

13. STATE  
**UT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL**  **DEEPEN**

1b. TYPE OF WELL  
OIL WELL  GAS WELL  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **SE/SE 545' FSL 565' FEL**  
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 17.6 miles southwest of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)  
**Approx. 545' f/lse line & 5845' f/unit line**

16. NO. OF ACRES IN LEASE  
**40.00**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**Approx. 1666'**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6354' GR**

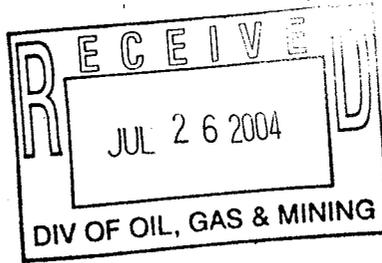
22. APPROX. DATE WORK WILL START\*  
**3rd Quarter 2003**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.



RECEIVED  
FEB 10 REC'D

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Manchie Crozier* TITLE Permit Clerk DATE 2/17/03

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

NOTICE OF APPROVAL

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Handy B. Leavins* TITLE Assistant Field Manager Mineral Resources DATE 07/16/2004

\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

03P50304A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

Well Name & Number: Ashley Federal 16-23-9-15

API Number 43-013-32425

Lease Number: U-019222

Location: SESE Sec. 23 T.9S R. 15E

Agreement: Ashley Unit

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

**CONDITIONS OF APPROVAL**

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.

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.

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

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

**-No construction or drilling shall occur during the sage grouse nesting season (March 1 to June 30).**

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

-The seed mix outlined in the APD was wrong. The following seed mix shall use to seed the topsoil pile, reserve pit and for final reclamation:

Black sagebrush	Artemisia nova	1 lb/acre
Indian ricegrass	Oryzopsis hymenoides	3 lbs/acre
Needle and threadgrass	Stipa comata	4 lbs/acre
Beardless bluebunch wheatgrass	Agropyron inerme	3 lbs/acre



# 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		

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## 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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

007

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
U-019222

6. If Indian, Allottee or Tribe Name  
NA

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation  
ASHLEY (GR RVR)

1. Type of Well

8. Well Name and No.  
ASHLEY FEDERAL 16-23-9-15

9. API Well No.  
43-013-32425

Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
545 FSL 565 FEL SE/SE Section 23, T9S R15E

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Permit Extension</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/13/03. An extension had been granted on 2/12/04 (expiration 2/12/05).

We did not receive Federal Approval from the Bureau of Land Management until July of 2004.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01-31-05

By: *[Signature]*

RECEIVED

JAN 28 2005

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 2-1-05  
Initials: CHD

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

Signed

*[Signature]*  
Mandie Crozier

Title

Regulatory Specialist

Date

1/27/2005

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-32425  
**Well Name:** Ashley Federal 16-23-9-15  
**Location:** SE/SE Section 23, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 2/13/2003

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

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

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

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

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

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

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

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

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

Mandie Crozier  
Signature

1/27/2005

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED  
JAN 28 2005  
DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: ASHLEY FED 16-23-9-15Api No: 43-013-32425 Lease Type: FEDERALSection 23 Township 09S Range 15E County DUCHESNEDrilling Contractor ROSS DRILLING RIG # 24**SPUDDED:**Date 02/10/05Time 8:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 02/10/2005 Signed CHD

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

OPERATOR: **INLAND**  
**NEWFIELD PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3830**  
**MYTON, UT 84052**

OPERATOR ACCT. NO. **N5160**  
**N2695**

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	14565	43-047-35813	State 3-16-9-18	NE/NW	16	9S	18E	Uintah	February 5, 2005	2/15/05
WELL 1 COMMENTS: <b>GRU</b>											
A	99999	14566	43-047-35819	State 9-16-9-18	NE/SE	16	9S	18E	Uintah	February 9, 2005	2/15/05
WELL 2 COMMENTS: <b>GRU</b>											
A	99999	14567	43-013-32425	Ashley Federal 16-23-9-15	SE/SE	23	9S	15E	Duchesne	February 10, 2005	2/15/05
WELL 3 COMMENTS: <b>GRU</b>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

RECEIVED

FEB 11 2005

DIV. OF OIL, GAS & MINING

INLAND

4356463031

02/11/2005 08:17

- 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.

(3/99)

*Kebbie S. Jones*  
 Signature **Kebbie S. Jones**  
 Production Clerk  
 February 11, 2005  
 Title Date

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

**011**

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**9/1/2004**

<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

**CA No.**

**Unit:**

**ASHLEY**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ASHLEY ST 9-2-9-15	02	090S	150E	4301332438	12419	State	OW	P	K
ASHLEY ST 16-2-9-15	02	090S	150E	4301332439	12419	State	OW	P	K
ASHLEY FED 15-13-9-15	13	090S	150E	4301332454		Federal	OW	APD	K
ASHLEY FED 13-13-9-15	13	090S	150E	4301332455	14456	Federal	OW	DRL	K
ASHLEY FED 4-14-9-15	14	090S	150E	4301332398	12419	Federal	OW	P	K
ASHLEY FED 8-14-9-15	14	090S	150E	4301332399	12419	Federal	OW	P	K
ASHLEY FED 9-14-9-15	14	090S	150E	4301332400	12419	Federal	OW	P	K
ASHLEY FED 10-14-9-15	14	090S	150E	4301332401	12419	Federal	OW	P	K
ASHLEY FED 1-15-9-15	15	090S	150E	4301332402	12419	Federal	OW	P	K
ASHLEY FED 2-15-9-15	15	090S	150E	4301332403	12419	Federal	OW	P	K
ASHLEY FED 6-15-9-15	15	090S	150E	4301332404	12419	Federal	OW	P	K
ASHLEY FED 7-15-9-15	15	090S	150E	4301332405	12419	Federal	OW	P	K
ASHLEY FED 8-15-9-15	15	090S	150E	4301332406	12419	Federal	OW	P	K
ASHLEY FED 13-15-9-15	15	090S	150E	4301332441	12419	Federal	OW	P	K
ASHLEY FED 9-22-9-15	22	090S	150E	4301332427		Federal	OW	DRL	K
ASHLEY FED 4-22-9-15	22	090S	150E	4301332428	12419	Federal	OW	P	K
ASHLEY FED 3-22-9-15	22	090S	150E	4301332429	12419	Federal	OW	P	K
ASHLEY FED 16-23-9-15	23	090S	150E	4301332425	14567	Federal	OW	DRL	K
ASHLEY FED 9-23-9-15	23	090S	150E	4301332426		Federal	OW	DRL	K
ASHLEY FED 11-24-9-15	24	090S	150E	4301332424		Federal	OW	APD	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005

3. Bond information entered in RBDMS on: 2/28/2005

4. Fee/State wells attached to bond in RBDMS on: 2/28/2005

5. Injection Projects to new operator in RBDMS on: 2/28/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

010

**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    (include area code)  
                   435.646.3721

4. Location of    (Footage, Sec., T., R., M., or Survey Description)  
                   545 FSL 565 FEL  
                   SE/SE    Section 23 T9S R15E

5. Lease Serial No.  
 UTU019222

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL 16-23-9-15

9. API Well No.  
 4301332425

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	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 01/09/05 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 @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5942'. 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, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5932.98' / KB. Cement with 383 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 50 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig 6:00 am on 03/18/05.

RECEIVED  
 MAR 22 2005  
 DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature 	Date 3/18/2005

**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)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

012

**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 are code)  
435.646.3721

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

545 FSL 565 FEL  
SE/SE Section 23 T9S R15E

5. Lease Serial No.

UTU019222

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 16-23-9-15

9. API Well No.

4301332425

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.)

Status report for time period 03/24/05-04/13/05

Subject well had completion procedures initiated in the Green River formation on 03/24/05 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5676-5695'), (5655-5664') (All 4 JSPF); #2 (5492-5498'), (5470-5486'), (5413-5420'), (5402-5405'), (5392-5395'), (5377-5381') (All 4 JSPF); #3 (5144-5157') (4 JSPF); #4 (4912-4915'), (4904-4907'), (4829-4834'), (4772-4776'), (4711-4718') (All 4 JSPF); #5 (4614-4624') (4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 04/09/05. Bridge plugs were drilled out. Well was cleaned out to PBD @ 5886'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5761'. A 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 04/13/05.

RECEIVED

APR 18 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Tara Kinney

Title

Production Clerk

Signature

*Tara Kinney*

Date

04/14/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

013

**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)  
 545 FSL 565 FEL  
 SE/SE    Section 23 T9S R15E

5. Lease Serial No.  
 UTU019222

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 16-23-9-15

9. API Well No.  
 4301332425

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

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

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

RECEIVED  
APR 18 2005

DIV. OF OIL, GAS & MINING

**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 <i>Mandie Crozier</i>	Date 04/14/2005

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)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

014

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

5. Lease Serial No.  
UTU019222

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 16-23-9-15

9. API Well No.  
4301332425

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
545 FSL 565 FEL  
SE/SE Section 23 T9S R15E

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland 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

RECEIVED

APR 18 2005

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 04-22-05

Initials: LHO

I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Mandie Crozier

Signature *Mandie Crozier*

Title Regulatory Specialist

Date 04/14/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title **Accepted by the** Date \_\_\_\_\_ Federal Approval Of This  
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 **Utah Division of** Action Is Necessary  
**Oil, Gas and Mining**

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)

Date: 4/21/05  
By: *[Signature]*

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND SERIAL NO.

UTU-019222

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Ashley Unit

8. FARM OR LEASE NAME, WELL NO.

Ashley Federal 16-23-9-15

9. WELL NO.

43-013-32425

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 23, T9S, R15E

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 545' FSL & 565' FEL (SE/SE) Sec. 23, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32425 DATE ISSUED 2/13/03

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUNDED

2/11/05

16. DATE T.D. REACHED

3/18/05

17. DATE COMPL. (Ready to prod.)

4/13/05

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

6354' GL

KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5985'

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

5886'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

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

Green River 4614'-5695'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	309'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5933'	7-7/8"	383 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 @	TA @
						5761'	5632'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	AMOUNT AND KIND OF MATERIAL USED
(CP4) 5655'-5664', 5676'-5695'	.41"	4/112	5655'-5695'		Frac w/ 70,109# 20/40 sand in 565 bbls fluid
(LODC&CP1) 5377'-5381', 5392'-5395', 5402'-5405', 5413-5420, 5470'-5486', 5492'-5498'	.41"	4/146	5377'-5498'		Frac w/ 149,552# 20/40 sand in 1025 bbls fluid
(LODC) 5144'-5157'	.41"	4/52	5144'-5157'		Frac w/ 49,887# 20/40 sand in 430 bbls fluid
(A5,B2,B.5,&C) 4711'-4718', 4772'-4776', 4829'-4834', 4904'-4907', 4912'-4915'	.41"	4/88	4711'-4915'		Frac w/ 74,587# 20/40 sand in 571 bbls fluid
(D2) 4614'-4624'		4/40	4614'-4624'		Frac w/ 11,246# 20/40 sand in 210 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 4/13/05	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' 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. 43	GAS--MCF. 10	WATER--BBL. 352	GAS-OIL RATIO 233
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY (API GRAVITY)	

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

Sold & Used for Fuel

TEST WITNESSED BY

JUN 03 2005

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED Mandie Crozier  
Mandie Crozier

TITLE Regulatory Specialist

DATE 6/2/2005

MC

\*(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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 16-23-9-15	3524'	
				3764'	
				3880'	
				4117'	
				4385'	
				4421'	
				4527'	
				4762'	
				4855'	
				5430'	
				5879'	
				5946'	

RECEIVED  
JUL 14 2005

DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14585	12419	43-013-32427	Ashley Federal 9-22-9-15	NE/SE	22	9S	15E	Duchesne		4/1/2005
WELL 1 COMMENTS: <i>GRRU</i>											
<i>7/15/05</i>											
C	14579	12419	43-013-32426	Ashley Federal 9-23-9-15	NE/SE	23	9S	15E	Duchesne		4/1/2005
WELL 2 COMMENTS: <i>GRRU</i>											
<i>7/15/05</i>											
C	11775	12419	43-013-31519	Ashley Federal 10-23-9-15	NW/SE	23	9S	15E	Duchesne		4/1/2005
WELL 3 COMMENTS: <i>GRRU</i>											
<i>7/15/05</i>											
C	14567	12419	43-013-32425	Ashley Federal 16-23-9-15	SE/SE	23	9S	15E	Duchesne		4/1/2005
WELL 4 COMMENTS: <i>GRRU</i>											
<i>7/15/05</i>											
C	14642	12419	43-013-32482	Ashley Federal 1-24-9-15	NE/NE	24	9S	15E	Duchesne		4/1/2005
WELL 5 COMMENTS: <i>GRRU</i>											
<i>7/15/05</i>											

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.

*Kebbie S. Jones*  
Signature

Kebbie S. Jones

Production Clerk  
Title

July 14, 2005  
Date



GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 16, 2014

Rosie Purnell  
NEWFIELD PRODUCTION COMPANY  
Rt 3 Box 3630  
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the ASHLEY FED 16-23-9-15 well (43013324250000). Total expenses in the amount of \$ 25572.00 were submitted for the Production Enhancement work that commenced on February 11, 2014 and was completed on February 13, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 25572.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet  
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure  
Operator file

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

FORM 15  
 AMENDED REPORT

Original Filing Date: 5/14/2014

**DESIGNATION OF WORKOVER OR RECOMPLETION**

<b>1. Name of Operator</b> NEWFIELD PRODUCTION COMPANY	<b>2. Utah Account Number</b> 82695.1	<b>5. Well Name and Number</b> ASHLEY FED 16-23-9-15
<b>3. Address of Operator</b> State    Zip 1001 17th Street, Suite 2000    Denver    CO    80202	<b>4. Phone Number</b> 303 382-4443	<b>6. API Number</b> 4301332425
<b>9. Location of Well</b>  Footage: 0545 FSL 0565 FEL                      County: DUCHESNE QQ, Sec, Twnp, Rnge:    SESE 23 090S 150E                      State : UTAH		<b>7. Field Name</b> MONUMENT BUTTE
		<b>8. Field Code Number</b> 105

**COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.**

<b>10. TYPE OF WORK (Check all that apply)</b> <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	<b>11. WORK PERIOD</b> Date work commenced: 2/11/2014 <b>90 Days From</b> Date work completed: 2/13/2014 <b>Completion</b>
--	--

**12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:**

<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	49.00	49.00
b. Move-in, rig-up, and rig-down (including trucking)	0.00	0.00
c. Rig charges (including fuel)	13280.00	13280.00
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	6498.00	6498.00
f. Equipment purchase	0.00	0.00
g. Equipment rental	1292.00	1292.00
h. Cementing	0.00	0.00
i. Perforating	0.00	0.00
j. Acidizing	0.00	0.00
k. Fracture stimulation	0.00	0.00
l. Logging services	0.00	0.00
m. Supervision and overhead	4453.00	4453.00
n. Other (itemize)	0.00	0.00
0	0.00	0.00
0	0.00	0.00
o. Total submitted expenses	25572.00	
p. Total approved expenses (State use only)		25572.00

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

**Date:** July 16, 2014

**By:** 

**13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.**

Contractor	Location (City, State)	Services Provided
Adler Hot Oil Service Inc	Vernal UT	Hot oiling services
Monument Well Service	Denver CO	Completion Rig

**14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.**

Name	Address	Utah Account No.	Percent of Interest

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

**NAME (PLEASE PRINT)** Rosie Purnell

**TITLE** Revenue Accountant II

**PHONE** 281 210-5460

**SIGNATURE** Rosie Purnell

**DATE** May 14, 2014

**E-MAIL** rpurnell@newfield.com

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-019222**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:  
GMBU1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 16-23-9-152. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY9. API NUMBER:  
43013324253. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052PHONE NUMBER  
435.646.372110. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 545 FSL 565 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION, TOWNSHIP RANGE MERIDIAN: SESE, 23, T9S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/13/2014	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 02/11/2014.

On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 02/25/2014

## Daily Activity Report

Format For Sundry

**ASHLEY 16-23-9-15**

**12/1/2013 To 4/28/2014**

**2/11/2014 Day: 2**

**Conversion**

Monument #707 on 2/11/2014 - LD RODS ONTO FLOAT ND WH UNSET ANCHOR NU BOP RU FLOOR RU TONGS PU TBG - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN

TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL **Finalized**

**Daily Cost:** \$0  
**Cumulative Cost:** \$22,554

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**2/12/2014 Day: 3**

**Conversion**

Monument #707 on 2/12/2014 - MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0

PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,151

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**2/19/2014 Day: 4**

**Conversion**

Rigless on 2/19/2014 - Conduct initial MIT - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was

pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$62,363

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**Pertinent Files: [Go to File List](#)**

**CREDITS FOR INJECTION CONVERSION / RECOMPLETION**

**ASHLEY FEDERAL 16-23-9-15**

**Date Commenced 2/11/2014**

**API Number 43-013-32425**

**CONVERSION**

**Date Completed 2/13/2014**

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		1,214							-		administrative overhead
		4,999									transportation and hauling
											hot oil
				684							acidizing & fracing
		286									equipment rentals
		-									complt n fluids/water/chemical
											water disposal
											wireline/logging/perforating
	13,280										completion rig
	-										rig mob & demob
49											location prep, rmdtn & mntnc
									4,453		labor, supervision
				608							downhole equipment rental
49	13,280	6,498	-	1,292	-	-	-	-	4,453	-	

**25,573**

**TOTAL**

Source (Multiple Items) ASHLEY FEDERAL 16-23-9-15

Sum of Line Amount				
Account	Service Date	Party Name	Account Name	Total
885107	2/10/2014	MULTI-CHEM GROUP LLC	Chemical Treatment-Subsurface	285.94
		MULTI-CHEM GROUP LLC Total		285.94
	2/10/2014 Total			285.94
<b>885107 Total</b>				<b>285.94</b>
885128	2/11/2014	ADLER HOT OIL SERVICE LLC ✓	Hot Oiling Services	4998.5
		ADLER HOT OIL SERVICE LLC Total		4998.5
	2/11/2014 Total			4998.5
<b>885128 Total</b>				<b>4998.5</b>
885138	3/10/2014	WINN-MARION BARBER LLC	Automation	3698.14
		WINN-MARION BARBER LLC Total		3698.14
	3/10/2014 Total			3698.14
	3/17/2014	ROCKY MOUNTAIN AUTOMATION LL	Automation	200
		ROCKY MOUNTAIN AUTOMATION LLC Total		200
		WINN-MARION BARBER LLC	Automation	8105.41
	WINN-MARION BARBER LLC Total		8105.41	
	3/17/2014 Total			8305.41
	3/20/2014	PARAGON AUTOMATION INC	Automation	3126.53
		PARAGON AUTOMATION INC Total		3126.53
		RYAN ROSS SERVICES INC	Automation	228
	RYAN ROSS SERVICES INC Total		228	
	3/20/2014 Total			3354.53
4/8/2014	ROCKY MOUNTAIN AUTOMATION LL	Automation	200	
	ROCKY MOUNTAIN AUTOMATION LLC Total		200	
4/8/2014 Total			200	
<b>885138 Total</b>				<b>15558.08</b>
885140	4/30/2014	(blank)	Labor - Company Employees	627.76
		(blank) Total		627.76
	4/30/2014 Total			627.76
<b>885140 Total</b>				<b>627.76</b>
885141	3/11/2014	US OILFIELD SERVICES LLC	Labor - Contract Employees	1925
		US OILFIELD SERVICES LLC Total		1925
	3/11/2014 Total			1925
	3/17/2014	US OILFIELD SERVICES LLC	Labor - Contract Employees	1900
		US OILFIELD SERVICES LLC Total		1900
3/17/2014 Total			1900	
<b>885141 Total</b>				<b>3825</b>
885144	3/7/2014	RASMUSSEN ROCK	Location Remediation & Maintenance	49.49
		RASMUSSEN ROCK Total		49.49
	3/7/2014 Total			49.49
<b>885144 Total</b>				<b>49.49</b>
885146	2/5/2014	BENCO OIL SERVICES INC	Miscellaneous Services	608
		BENCO OIL SERVICES INC Total		608
	2/5/2014 Total			608
<b>885146 Total</b>				<b>608</b>
885150	2/7/2014	MONUMENT WELL SERVICE ✓	Rig Costs - Dayrate	2852.5
		MONUMENT WELL SERVICE Total		2852.5
	2/7/2014 Total			2852.5
	2/10/2014	MONUMENT WELL SERVICE	Rig Costs - Dayrate	5130
		MONUMENT WELL SERVICE Total		5130
	2/10/2014 Total			5130
	2/11/2014	MONUMENT WELL SERVICE	Rig Costs - Dayrate	5297.5
MONUMENT WELL SERVICE Total		5297.5		
2/11/2014 Total			5297.5	
<b>885150 Total</b>				<b>13280</b>
885162	2/12/2014	RUNNERS INC	Transportation - Land	1213.88
		RUNNERS INC Total		1213.88
	2/12/2014 Total			1213.88
<b>885162 Total</b>				<b>1213.88</b>
885302	2/26/2014	BASIC ENERGY SERVICES LP	Blow Out Preventors	684.02
		BASIC ENERGY SERVICES LP Total		684.02
	2/26/2014 Total			684.02

Source (Multiple Items) ASHLEY FEDERAL 16-23-9-15

Sum of Line Amount				
Account	Service Date	Party Name	Account Name	Total
<b>885302 Total</b>				<b>684.02</b>
885613	2/7/2014	(blank)	Pipe - Tubing	779.63
		(blank) Total		779.63
	2/7/2014 Total			779.63
	2/12/2014	(blank)	Pipe - Tubing	-1996.63
(blank) Total		-1996.63		
2/12/2014 Total			-1996.63	
<b>885613 Total</b>				<b>-1217</b>
885614	2/12/2014	(blank)	Rods	-1347
		(blank) Total		-1347
	2/12/2014 Total			-1347
<b>885614 Total</b>				<b>-1347</b>
885617	2/14/2014	VETCO GRAY INC	Wellhead	2998.89
		VETCO GRAY INC Total		2998.89
	2/14/2014 Total			2998.89
	2/19/2014	PARAGON OILFIELD PRODUCTS	Wellhead	103.82
		PARAGON OILFIELD PRODUCTS Total		103.82
	2/19/2014 Total			103.82
	3/10/2014	PARAGON OILFIELD PRODUCTS	Wellhead	5577.77
		PARAGON OILFIELD PRODUCTS Total		5577.77
3/10/2014 Total			5577.77	
<b>885617 Total</b>				<b>8680.48</b>
(blank)	(blank)	(blank)	(blank)	0
		(blank) Total		0
	(blank) Total			0
<b>(blank) Total</b>				<b>0</b>
<b>Grand Total</b>				<b>47247.15</b>



**Well Costs**

<b>Code</b>	<b>Description</b>	<b>Comments</b>	<b>Daily</b>	<b>Cumulative</b>
890128	Hot Oiling Services	Adler	\$1,649.00	\$5,016.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$900.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#707	\$5,298.00	\$13,130.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$1,050.00
890304	Completion Fluids		\$0.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,597.00</b>
				<b>\$23,096.00</b>
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$0.00</b>
			<b>Total Daily Costs:</b>	<b>\$7,597.00</b>
				<b>\$30,151.00</b>



**Well Costs**

<b>Code</b>	<b>Description</b>	<b>Comments</b>	<b>Daily</b>	<b>Cumulative</b>
890128	Hot Oiling Services	Adler	\$2,123.00	\$3,367.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$600.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#707	\$5,130.00	\$7,832.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$700.00
890304	Completion Fluids		\$0.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,903.00</b>
				<b>\$15,499.00</b>
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$0.00</b>
			<b>Total Daily Costs:</b>	<b>\$7,903.00</b>
				<b>\$22,554.00</b>



## Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	Adler	\$1,244.00	\$1,244.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$300.00
890144	Location Remediation & Maintenance	MWS (100) Benco (400)	\$500.00	\$500.00
890146	Miscellaneous Services	Liquid O-Ring	\$300.00	\$300.00
890150	Rig costs - Dayrate	#707	\$2,702.00	\$2,702.00
890162	Transportation - Land	Runners	\$1,000.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$350.00
890304	Completion Fluids	NDSI (800) MultiChem (400)	\$1,200.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,596.00</b>
890604	Packers & Liner Hangers	Weatherford	\$6,700.00	\$6,700.00
890616	Tubing Accessories	SN (80) SV (275)	\$355.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$7,055.00</b>
			<b>Total Daily Costs:</b>	<b>\$14,651.00</b>

<b>NEWFIELD</b>		<b>Perforation Report</b>						<b>Well Name:</b>		ASHLEY 16-23-9-15			
		<b>LOE</b>						<b>Report Date:</b>		2/12/2014			
<b>Field:</b>		GMBU CTB3		<b>Rig Name:</b>		Monument #707		<b>Operation:</b>		TIH PKR ASSY			
<b>Location:</b>		S23 T9S R15E		<b>Supervisor:</b>		Rusty Bird		<b>Day:</b>		3			
<b>County:</b>		DUCHESNE		<b>Phone:</b>		435- 823-7388		<b>Work Performed:</b>		2/11/2014			
<b>State:</b>		UT		<b>Email:</b>		rustybird@newfield.com		<b>AFE No.:</b>					
								<b>Daily Cost:</b>		\$7,597			
Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments	
0	6/29/2005	Vertical	Green River	D2	4614	4624	4	40					
0	6/29/2005	Vertical	Green River	C	4711	4718	4	28					
0	6/29/2005	Vertical	Green River	B .5	4772	4776	4	16					
0	6/29/2005	Vertical	Green River	B2	4829	4834	4	20					
0	6/29/2005	Vertical	Green River	A5	4904	4907	4	12					
0	6/29/2005	Vertical	Green River	A5	4912	4915	4	12					
0	6/29/2005	Vertical	Green River	LODC	5144	5157	4	52					
0	6/29/2005	Vertical	Green River	LODC	5377	5381	4	16					
0	6/29/2005	Vertical	Green River	LODC	5392	5395	4	12					
0	6/29/2005	Vertical	Green River	LODC	5402	5405	4	2					
0	6/29/2005	Vertical	Green River	LODC	5413	5420	4	28					
0	6/29/2005	Vertical	Green River	CP1	5470	5486	4	64					
0	6/29/2005	Vertical	Green River	CP1	5492	5498	4	24					
0	6/29/2005	Vertical	Green River	CP4	5655	5664	4	36					
0	6/29/2005	Vertical	Green River	CP4	5676	5695	4	76					



GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 16, 2014

Rosie Purnell  
NEWFIELD PRODUCTION COMPANY  
Rt 3 Box 3630  
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the ASHLEY FED 16-23-9-15 well (43013324250000). Total expenses in the amount of \$ 25572.00 were submitted for the Production Enhancement work that commenced on February 11, 2014 and was completed on February 13, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 25572.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet  
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure  
Operator file

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

FORM 15

AMENDED REPORT

Original Filing Date: 5/14/2014

**DESIGNATION OF WORKOVER OR RECOMPLETION**

<b>1. Name of Operator</b> NEWFIELD PRODUCTION COMPANY	<b>2. Utah Account Number</b> 82695.1	<b>5. Well Name and Number</b> ASHLEY FED 16-23-9-15
<b>3. Address of Operator</b> State    Zip 1001 17th Street, Suite 2000    Denver    CO    80202	<b>4. Phone Number</b> 303 382-4443	<b>6. API Number</b> 4301332425
<b>9. Location of Well</b>  Footage: 0545 FSL 0565 FEL                      County: DUCHESNE QQ, Sec, Twnp, Rnge:    SESE 23 090S 150E                      State : UTAH		<b>7. Field Name</b> MONUMENT BUTTE
		<b>8. Field Code Number</b> 105

**COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.**

<b>10. TYPE OF WORK (Check all that apply)</b> <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	<b>11. WORK PERIOD</b> Date work commenced: 2/11/2014 <b>90 Days From</b> Date work completed: 2/13/2014 <b>Completion</b>
--	--

**12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:**

<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	49.00	49.00
b. Move-in, rig-up, and rig-down (including trucking)	0.00	0.00
c. Rig charges (including fuel)	13280.00	13280.00
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	6498.00	6498.00
f. Equipment purchase	0.00	0.00
g. Equipment rental	1292.00	1292.00
h. Cementing	0.00	0.00
i. Perforating	0.00	0.00
j. Acidizing	0.00	0.00
k. Fracture stimulation	0.00	0.00
l. Logging services	0.00	0.00
m. Supervision and overhead	4453.00	4453.00
n. Other (itemize)	0.00	0.00
0	0.00	0.00
0	0.00	0.00
o. Total submitted expenses	25572.00	
p. Total approved expenses (State use only)		25572.00

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

**Date:** July 16, 2014

**By:** 

**13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.**

Contractor	Location (City, State)	Services Provided
Adler Hot Oil Service Inc	Vernal UT	Hot oiling services
Monument Well Service	Denver CO	Completion Rig

**14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.**

Name	Address	Utah Account No.	Percent of Interest
------	---------	------------------	---------------------

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

**NAME (PLEASE PRINT)** Rosie Purnell

**TITLE** Revenue Accountant II

**PHONE** 281 210-5460

**SIGNATURE** Rosie Purnell

**DATE** May 14, 2014

**E-MAIL** rpurnell@newfield.com

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-019222**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:  
GMBU

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

ASHLEY FEDERAL 16-23-9-15

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301332425

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 545 FSL 565 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION, TOWNSHIP RANGE MERIDIAN: SESE, 23, T9S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>02/13/2014</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 02/11/2014.

On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 02/25/2014

## Daily Activity Report

Format For Sundry

**ASHLEY 16-23-9-15**

**12/1/2013 To 4/28/2014**

**2/11/2014 Day: 2**

**Conversion**

Monument #707 on 2/11/2014 - LD RODS ONTO FLOAT ND WH UNSET ANCHOR NU BOP RU FLOOR RU TONGS PU TBG - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN

TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOOH W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL **Finalized**

**Daily Cost:** \$0  
**Cumulative Cost:** \$22,554

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**2/12/2014 Day: 3**

**Conversion**

Monument #707 on 2/12/2014 - MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0

PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,151

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**2/19/2014 Day: 4**

**Conversion**

Rigless on 2/19/2014 - Conduct initial MIT - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was

pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$62,363

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**Pertinent Files: [Go to File List](#)**

**CREDITS FOR INJECTION CONVERSION / RECOMPLETION**

**ASHLEY FEDERAL 16-23-9-15**

**Date Commenced 2/11/2014**

**API Number 43-013-32425**

**CONVERSION**

**Date Completed 2/13/2014**

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		1,214							-		administrative overhead
		4,999									transportation and hauling
											hot oil
				684							acidizing & fracing
		286									equipment rentals
		-									complt n fluids/water/chemical
											water disposal
											wireline/logging/perforating
	13,280										completion rig
	-										rig mob & demob
49											location prep, rmdtn & mntnc
									4,453		labor, supervision
				608							downhole equipment rental
49	13,280	6,498	-	1,292	-	-	-	-	4,453	-	

**25,573**

**TOTAL**

Source (Multiple Items) ASHLEY FEDERAL 16-23-9-15

Sum of Line Amount				
Account	Service Date	Party Name	Account Name	Total
885107	2/10/2014	MULTI-CHEM GROUP LLC	Chemical Treatment-Subsurface	285.94
		MULTI-CHEM GROUP LLC Total		285.94
	2/10/2014 Total			285.94
<b>885107 Total</b>				<b>285.94</b>
885128	2/11/2014	ADLER HOT OIL SERVICE LLC ✓	Hot Oiling Services	4998.5
		ADLER HOT OIL SERVICE LLC Total		4998.5
	2/11/2014 Total			4998.5
<b>885128 Total</b>				<b>4998.5</b>
885138	3/10/2014	WINN-MARION BARBER LLC	Automation	3698.14
		WINN-MARION BARBER LLC Total		3698.14
	3/10/2014 Total			3698.14
	3/17/2014	ROCKY MOUNTAIN AUTOMATION LL	Automation	200
		ROCKY MOUNTAIN AUTOMATION LLC Total		200
		WINN-MARION BARBER LLC	Automation	8105.41
	WINN-MARION BARBER LLC Total		8105.41	
	3/17/2014 Total			8305.41
	3/20/2014	PARAGON AUTOMATION INC	Automation	3126.53
		PARAGON AUTOMATION INC Total		3126.53
		RYAN ROSS SERVICES INC	Automation	228
	RYAN ROSS SERVICES INC Total		228	
3/20/2014 Total			3354.53	
4/8/2014	ROCKY MOUNTAIN AUTOMATION LL	Automation	200	
	ROCKY MOUNTAIN AUTOMATION LLC Total		200	
4/8/2014 Total			200	
<b>885138 Total</b>				<b>15558.08</b>
885140	4/30/2014	(blank)	Labor - Company Employees	627.76
		(blank) Total		627.76
	4/30/2014 Total			627.76
<b>885140 Total</b>				<b>627.76</b>
885141	3/11/2014	US OILFIELD SERVICES LLC	Labor - Contract Employees	1925
		US OILFIELD SERVICES LLC Total		1925
	3/11/2014 Total			1925
	3/17/2014	US OILFIELD SERVICES LLC	Labor - Contract Employees	1900
		US OILFIELD SERVICES LLC Total		1900
3/17/2014 Total			1900	
<b>885141 Total</b>				<b>3825</b>
885144	3/7/2014	RASMUSSEN ROCK	Location Remediation & Maintenance	49.49
		RASMUSSEN ROCK Total		49.49
	3/7/2014 Total			49.49
<b>885144 Total</b>				<b>49.49</b>
885146	2/5/2014	BENCO OIL SERVICES INC	Miscellaneous Services	608
		BENCO OIL SERVICES INC Total		608
	2/5/2014 Total			608
<b>885146 Total</b>				<b>608</b>
885150	2/7/2014	MONUMENT WELL SERVICE ✓	Rig Costs - Dayrate	2852.5
		MONUMENT WELL SERVICE Total		2852.5
	2/7/2014 Total			2852.5
	2/10/2014	MONUMENT WELL SERVICE	Rig Costs - Dayrate	5130
		MONUMENT WELL SERVICE Total		5130
	2/10/2014 Total			5130
2/11/2014	MONUMENT WELL SERVICE	Rig Costs - Dayrate	5297.5	
	MONUMENT WELL SERVICE Total		5297.5	
2/11/2014 Total			5297.5	
<b>885150 Total</b>				<b>13280</b>
885162	2/12/2014	RUNNERS INC	Transportation - Land	1213.88
		RUNNERS INC Total		1213.88
	2/12/2014 Total			1213.88
<b>885162 Total</b>				<b>1213.88</b>
885302	2/26/2014	BASIC ENERGY SERVICES LP	Blow Out Preventors	684.02
		BASIC ENERGY SERVICES LP Total		684.02
	2/26/2014 Total			684.02

Source (Multiple Items) ASHLEY FEDERAL 16-23-9-15

Sum of Line Amount					
Account	Service Date	Party Name	Account Name	Total	
<b>885302 Total</b>				<b>684.02</b>	
885613	2/7/2014	(blank)	Pipe - Tubing	779.63	
		(blank) Total		779.63	
	2/12/2014	(blank)	Pipe - Tubing	-1996.63	
		(blank) Total		-1996.63	
2/12/2014 Total				-1996.63	
<b>885613 Total</b>				<b>-1217</b>	
885614	2/12/2014	(blank)	Rods	-1347	
		(blank) Total		-1347	
	2/12/2014 Total				-1347
<b>885614 Total</b>				<b>-1347</b>	
885617	2/14/2014	VETCO GRAY INC	Wellhead	2998.89	
		VETCO GRAY INC Total		2998.89	
	2/14/2014 Total				2998.89
	2/19/2014	PARAGON OILFIELD PRODUCTS	Wellhead	103.82	
		PARAGON OILFIELD PRODUCTS Total		103.82	
	2/19/2014 Total				103.82
	3/10/2014	PARAGON OILFIELD PRODUCTS	Wellhead	5577.77	
		PARAGON OILFIELD PRODUCTS Total		5577.77	
3/10/2014 Total				5577.77	
<b>885617 Total</b>				<b>8680.48</b>	
(blank)	(blank)	(blank)	(blank)	0	
		(blank) Total		0	
	(blank) Total				0
<b>(blank) Total</b>				<b>0</b>	
<b>Grand Total</b>				<b>47247.15</b>	



**Well Costs**

<b>Code</b>	<b>Description</b>	<b>Comments</b>	<b>Daily</b>	<b>Cumulative</b>
890128	Hot Oiling Services	Adler	\$1,649.00	\$5,016.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$900.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#707	\$5,298.00	\$13,130.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$1,050.00
890304	Completion Fluids		\$0.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,597.00</b>
				<b>\$23,096.00</b>
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$0.00</b>
			<b>Total Daily Costs:</b>	<b>\$7,597.00</b>
				<b>\$30,151.00</b>



**Well Costs**

<b>Code</b>	<b>Description</b>	<b>Comments</b>	<b>Daily</b>	<b>Cumulative</b>
890128	Hot Oiling Services	Adler	\$2,123.00	\$3,367.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$600.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#707	\$5,130.00	\$7,832.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$700.00
890304	Completion Fluids		\$0.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,903.00</b>
				<b>\$15,499.00</b>
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$7,055.00</b>
			<b>Total Daily Costs:</b>	<b>\$22,554.00</b>



## Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	Adler	\$1,244.00	\$1,244.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$300.00
890144	Location Remediation & Maintenance	MWS (100) Benco (400)	\$500.00	\$500.00
890146	Miscellaneous Services	Liquid O-Ring	\$300.00	\$300.00
890150	Rig costs - Dayrate	#707	\$2,702.00	\$2,702.00
890162	Transportation - Land	Runners	\$1,000.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$350.00
890304	Completion Fluids	NDSI (800) MultiChem (400)	\$1,200.00	\$1,200.00
			<b>Total Intangibles:</b>	<b>\$7,596.00</b>
890604	Packers & Liner Hangers	Weatherford	\$6,700.00	\$6,700.00
890616	Tubing Accessories	SN (80) SV (275)	\$355.00	\$355.00
			<b>Total Tangibles:</b>	<b>\$7,055.00</b>
			<b>Total Daily Costs:</b>	<b>\$14,651.00</b>

<b>NEWFIELD</b>		<b>Perforation Report</b>						<b>Well Name:</b>		ASHLEY 16-23-9-15			
		<b>LOE</b>						<b>Report Date:</b>		2/12/2014			
<b>Field:</b>		GMBU CTB3		<b>Rig Name:</b>		Monument #707		<b>Operation:</b>		TIH PKR ASSY			
<b>Location:</b>		S23 T9S R15E		<b>Supervisor:</b>		Rusty Bird		<b>Day:</b>		3			
<b>County:</b>		DUCHESNE		<b>Phone:</b>		435- 823-7388		<b>Work Performed:</b>		2/11/2014			
<b>State:</b>		UT		<b>Email:</b>		rustybird@newfield.com		<b>AFE No.:</b>					
								<b>Daily Cost:</b>		\$7,597			
Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments	
0	6/29/2005	Vertical	Green River	D2	4614	4624	4	40					
0	6/29/2005	Vertical	Green River	C	4711	4718	4	28					
0	6/29/2005	Vertical	Green River	B .5	4772	4776	4	16					
0	6/29/2005	Vertical	Green River	B2	4829	4834	4	20					
0	6/29/2005	Vertical	Green River	A5	4904	4907	4	12					
0	6/29/2005	Vertical	Green River	A5	4912	4915	4	12					
0	6/29/2005	Vertical	Green River	LODC	5144	5157	4	52					
0	6/29/2005	Vertical	Green River	LODC	5377	5381	4	16					
0	6/29/2005	Vertical	Green River	LODC	5392	5395	4	12					
0	6/29/2005	Vertical	Green River	LODC	5402	5405	4	2					
0	6/29/2005	Vertical	Green River	LODC	5413	5420	4	28					
0	6/29/2005	Vertical	Green River	CP1	5470	5486	4	64					
0	6/29/2005	Vertical	Green River	CP1	5492	5498	4	24					
0	6/29/2005	Vertical	Green River	CP4	5655	5664	4	36					
0	6/29/2005	Vertical	Green River	CP4	5676	5695	4	76					

<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-019222
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<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 16-23-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013324250000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0545 FSL 0565 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/18/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<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"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on  
04/18/2014.

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

<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> 12/18/2014	



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

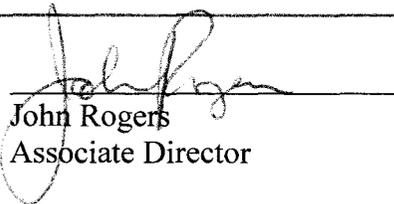
Cause No. UIC-381

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 16-23-9-15  
**Location:** Section 23, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32425  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 9, 2012.
2. Maximum Allowable Injection Pressure: 1,630 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,014' – 5,886')  
The injection top is limited by nearby well Ashley Federal 12-24R (43-013-15782).
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

Date

4/14/2014

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



Sundry Number: 48126 API Well Number: 43013324250000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-019222
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-23-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013324250000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0545 FSL 0565 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 23 Township: 09.0S Range: 15.0E Meridian: S	<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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT <small>Approximate date work will start:</small>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT <small>Date of Work Completion:</small> 2/13/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT <small>Date of Spud:</small>	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT <small>Report Date:</small>	<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
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 02/11/2014. On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test.

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

**Date:** March 11, 2014

**By:**

<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> 2/25/2014	

Sundry Number: 48126 API Well Number: 43013324250000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 2/13/14 Time 9:00 (am) pm

Test Conducted by: Johnny Daniels

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

Well: <u>Ashley 16-23-9-15</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/SE Sec. 23, T9S, R15E</u> <u>Duchesne county, Utah.</u>	API No: <u>4301332425</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1507</u>	psig
5	<u>1507</u>	psig
10	<u>1507</u>	psig
15	<u>1507</u>	psig
20	<u>1507</u>	psig
25	<u>1507</u>	psig
30 min	<u>1507</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 100 psig

Result: Pass Fail

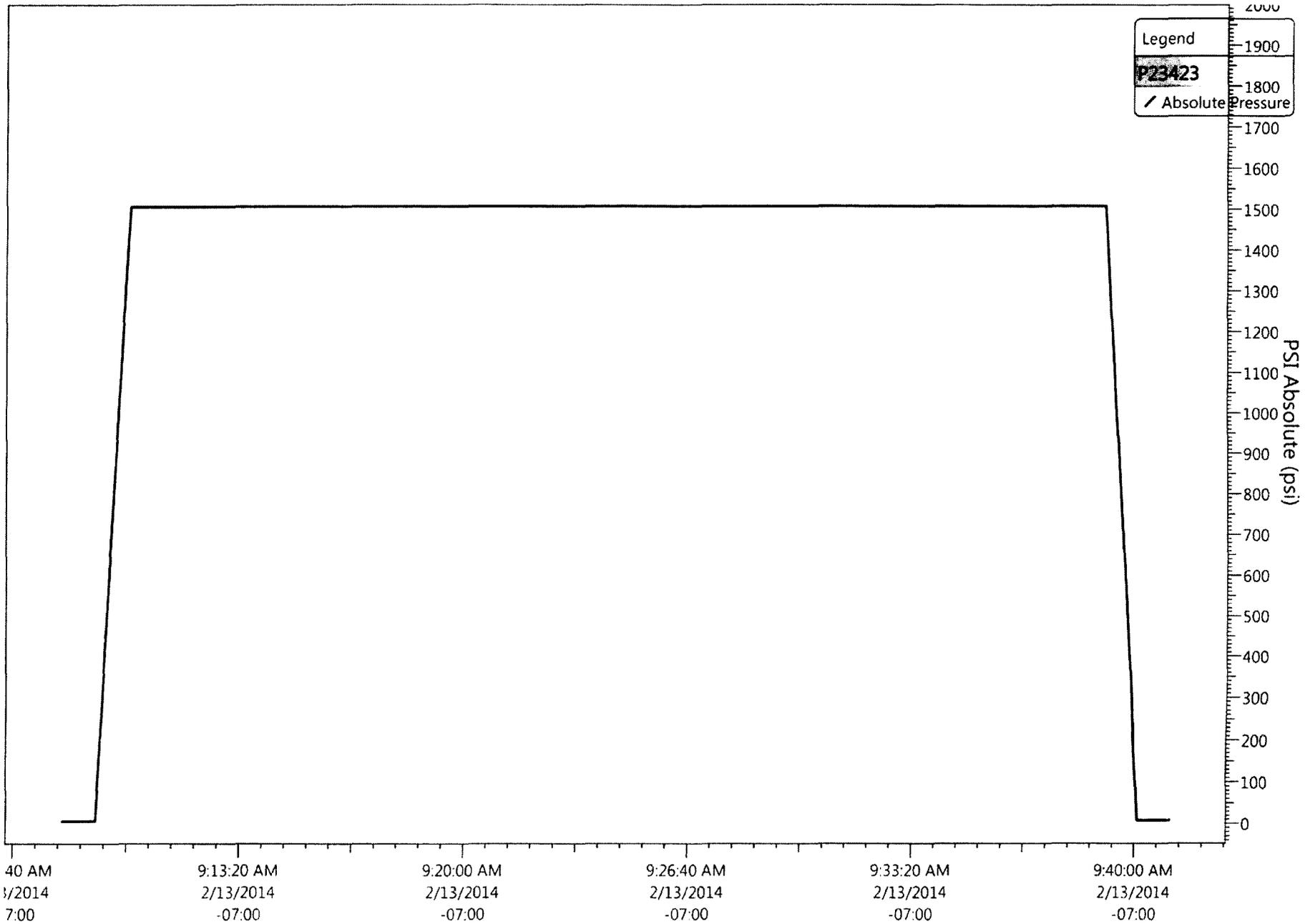
Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Johnny Daniels

16-23-9-15

2/13/2014 9:07:55 AM

Sundry Number: 48126 API Well Number: 43013324250000



## Daily Activity Report

Format For Sundry

**ASHLEY 16-23-9-15**

**12/1/2013 To 4/28/2014**

**2/11/2014 Day: 2**

**Conversion**

Monument #707 on 2/11/2014 - LD RODS ONTO FLOAT ND WH UNSET ANCHOR NU BOP RU FLOOR RU TONGS PU TBG - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLS @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLS @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLS TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLS @ 250 DEGREES

DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL - 6:00 AM CREW TRAVEL TO LOC. 7:00 AM - FLUSH 15 BBLs @ 250 DEGREES DOWN TBG. LD RODS ONTO TBG FLOAT 89-4PER 3/4, 82 3/4 SLICKS 2-4 PER 3/4, 41-4 PER 3/4, 6-3/4 4 PER BAD 6-SINKER BARS, 1-STAB, 1-2.5 X 1.25 X 15 X 16 PUMP CHANGE OVER BLOCKS, NIPPLE DOWN WH, UNSET ANCHOR, NU BOP, RU FLOOR RU 2 TONGS PU 3 JOINTS 2-7/8 J-55 TBG TAG 7' IN @ 5833 LD 3 JTS 2-7/8 J-55 TBG, TOO H W/TBG TO DERRICK BREAK & MAKE COLLARS TOTAL 144 JTS, LD 2ND SET OF TONGS SIW SDFD 6:00 PM CREW TRAVEL - WAIT ON UNLIMITED TO FINISH INJECTION LINE AND FILL HOLE BY WELLHEAD. SPOT RIG, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FLUSH 70 BBLs @ 250 DEGREES DOWN CSG. LD POLISH ROD, 2-3/4 RD & PONY SUB, FLUSH TBG W/30 BBLs @ 250 DEGREES - P/U 2-3/4 RD & 6', 8' PONY SUBS & 1 ROD - 3/4 OFF RIG, SOFT SEAT & PRESSURE TEST TO 3000 PSI, W/10 BBLs TO FILL, LD 1-3/4 ROD FOR RIG, 8' 6' PONY. WAIT ON TRAILER FROM RUNNERS. SIW SDFD 5:00-6:00 PM CREW TRAVEL

**Daily Cost:** \$0

**Cumulative Cost:** \$22,554

**2/12/2014 Day: 3**

**Conversion**

Monument #707 on 2/12/2014 - MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO

FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL - 6:00 CREW TRAVEL TO LOC. 7:00 AM SAFETY MTG, BLEED DOWN TBG 0 PSI, BLEED DOWN CSG 0 PSI, FLUSH TBG W/ 15 BBLs @ 250 DEGREES, LD 2-7/8 TBG ONTO FLOAT TRAILER, MU 2-3/8 SN, 2-3/8 PUP SUB, XO, 5-1/2 X 2-7/8 RETRIEVABLE PACKER, ON/OFF TOOL, 2-7/8 SN TIH W/ 2-7/8 TBG FROM DERRICK, 144 JTS, PU 1 JT & 6' PUP SUB, FLUSH TBG W/ 20 BBLs @ 250 DEGREES, DROP SV (SN @ 4532) PRESSURE TEST TBG T/ 3000 PSI W/25 BBLs T/FILL GOOD TEST, FISH SV FLUSH CSG W/40 BBLs @ 250 DEGREES, RD FLOOR, ND BOP, SET PKR W/16 K TENSION, NU WH, FILL CSG, WH LEAKING, TURN WH 2 TURNS, FILL CSG W/1 BBL & PRESSURE TEST CSG T/1500 PSI HELD, CHANGE OVER BLOCKS, RIG DOWN MOVE EQUIPMENT T/FED 2-23-9-16 SDFD 6:30-7:30 PM CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,151

**2/19/2014 Day: 4**

**Conversion**

Rigless on 2/19/2014 - Conduct initial MIT - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1507 psig and charted for 30 minutes with no pressure loss. The well was not

injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$62,363

**Pertinent Files:** [Go to File List](#)

Spud Date: 2-11-05  
 Put on Production: 4-13-05  
 GI.: 6354' KB: 6366'

# Ashley Federal 16-23-9-15

Initial Production: 43 BOPD,  
 10 MCFD, 352 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298.19')  
 DEPTH LANDED: 309.09' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts (5919.73')  
 DEPTH LANDED: 5932.98' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 383 sxs Prem Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 175'

**TUBING**

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 143 jts (4531.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4543.8' KB  
 ON/OFF TOOL AT: 4544.9'  
 ARROW #1 PACKER CE AT: 4550'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4553.7'  
 TBG PUP 2-3/8 J-55 AT: 4554.2'  
 X/N NIPPLE AT: 4558.3'  
 TOTAL STRING LENGTH: EOT @ 4559.4'

**FRAC JOB**

4-7-05 5655-5695' **Frac CP4 sand as follows:**  
 70109#'s 20/40 sand in 565 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1765 psi  
 w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc  
 flush: 5653 gal. Actual flush: 5712 gal.

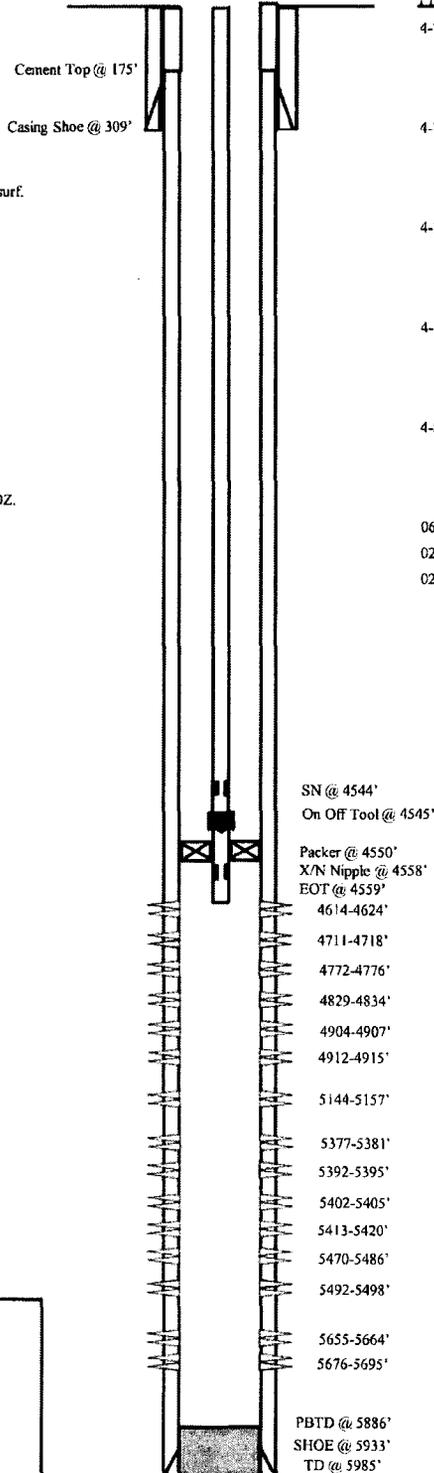
4-7-05 5392-5498' **Frac CPI & LODC sand as follows:**  
 149552#'s 20/40 sand in 1025 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1685 psi  
 w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc  
 flush: 5390 gal Actual flush: 5376 gal

4-7-05 5144-5157' **Frac LODC, sand as follows:**  
 49887#'s 20/40 sand in 430 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2253 psi  
 w/avg rate of 24.7 BPM. ISIP 2060 psi. Calc  
 flush: 5142 gal. Actual flush: 5124 gal

4-8-05 4711-4915' **Frac C, B.S, B2, A5, sand as follows:**  
 74587#'s 20/40 sand in 571 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1490 psi  
 w/avg rate of 24.7 BPM. ISIP 1770 psi. Calc  
 flush: 4709 gal Actual flush: 4746 gal

4-8-05 4614-4624' **Frac D2, sand as follows:**  
 11246#'s 20/40 sand in 210 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1648 psi  
 w/avg rate of 24.9 BPM. ISIP 1660 psi. Calc  
 flush: 4612 gal Actual flush: 4536 gal

06/30/05 **Pump Change.** Update rod and tubing detail  
 02/11/14 **Convert to Injection Well**  
 02/13/14 **Conversion MIT Finalized** - update tbg  
 detail



**PERFORATION RECORD**

Date	Interval	Tool	Holes
3-24-05	5655-5664'	4 JSPF	36 holes
3-24-05	5676-5695'	4 JSPF	76 holes
4-7-05	5392-5395'	4 JSPF	12 holes
4-7-05	5402-5405'	4 JSPF	2 holes
4-7-05	5413-5420'	4 JSPF	28 holes
4-7-05	5470-5486'	4 JSPF	64 holes
4-7-05	5492-5498'	4 JSPF	24 holes
4-7-05	5377-5381'	4 JSPF	16 holes
4-7-05	5144-5157'	4 JSPF	52 holes
4-7-05	4711-4718'	4 JSPF	28 holes
4-7-05	4772-4776'	4 JSPF	16 holes
4-7-05	4829-4834'	4 JSPF	20 holes
4-7-05	4904-4907'	4 JSPF	12 holes
4-7-05	4912-4915'	4 JSPF	12 holes
4-8-05	4614-4624'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 16-23-9-15  
 545' FSL & 565' FEL  
 SE/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32425; Lease #UTU-19222



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

January 9, 2012

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 16-23-9-15, Section 23, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32425

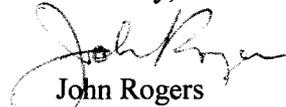
Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,014 feet in the Ashley Federal 16-23-9-15 well.

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

Sincerely,

  
John Rogers  
Associate Director

JR/MLR/js

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

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





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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 16-23-9-15

**Location:** 23/9S/15E      **API:** 43-013-32425

**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 309 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,933 feet. A cement bond log demonstrates adequate bond in this well up to about 3,280 feet. A 2 7/8 inch tubing with a packer will be set at 4,564 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (3/27/2014), based on surface locations, there are 4 producing wells, 5 injection wells, and 1 shut-in well in the AOR. In addition, there is 1 producing directional well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 3 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR and 1 approved surface location inside the AOR for a well to be drilled to a bottom hole location outside the AOR. Most of the existing wells have evidence of adequate casing and cement for the proposed injection interval. However, the Ashley Federal 12-24R (formerly Castle Peak U2) well (API# 43-013-15782), a shut-in oil well located within the AOR, appears to have inadequate cement for the proposed injection interval. Its CBL (08/24/1996) indicates a cement top at about 3,912 feet. To protect this wellbore Newfield will not perforate the Ashley Federal 16-23-9-15 well above 4,014 feet (see next paragraph).

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. The requested injection interval is between 3,781 feet and 5,886 feet in the Green River Formation. However, the top of good cement bond is at about 3,912 feet in the Ashley Federal 12-24R well, a shut-in oil well located within the AOR, approximately 1/3 mile north-northeast of the Ashley Federal 16-23-9-15 well. This cement top correlates to a depth of approximately 3,914 feet in the Ashley Federal 16-23-9-15 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,014 feet in the Ashley Federal 16-23-9-15 well.

**Ashley Federal 16-23-9-15**  
**page 2**

Information submitted by Newfield indicates that the fracture gradient for the 16-23-9-15 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,630 psig. The requested maximum pressure is 1,630 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 11/8/2011 (revised 3/27/2014)

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

**The Salt Lake Tribune**  
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PROOF OF PUBLICATION

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**NOV 16 2011**

ACCOUNT NAME	
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TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000739594 /
SCHEDULE	
Start 11/04/2011	End 11/04/2011
CUST. REF. NO.	
Legal Notice	
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BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE	
SIZE	
68 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
175.00	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-381

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company 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 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32858  
Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827  
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828  
Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817  
Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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 84114-8801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of November, 2011.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-381 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 11/04/2011 End 11/04/2011

PUBLISHED ON

SIGNATURE

*Wade Taylor*

11/7/2011

**VIRGINIA CRAFT**  
Notary Public, State of Utah  
Commission # 581469  
My Commission Expires  
January 12, 2014

*Virginia Craft*

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

2250/CEB/GG UIC-A004N/EF12/6131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

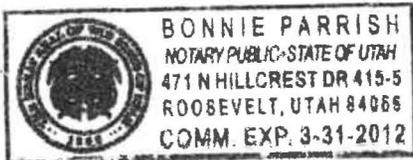
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 8 day of November, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of November, 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.

Kevin Ashby  
Publisher

Subscribed and sworn to before me this

8 day of November, 20 11

Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION

CAUSE NO. UIC-381

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 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 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 8-22-

Last week I men

Guy  
Ostertag Beats

are those last two fans are probably center Mike Sojourner forward Jerry Char jazz center Billy Pe jazz forward Mill forward Shandon defensive Bob Fuhr running back Alvie

Also considered her retired. student to have his offense. He was the

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 1st day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
Published in the Uintah Basin Standard November 8, 2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-381

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Ashley Federal 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32858  
Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827  
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828  
Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817  
Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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 1<sup>st</sup> day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 8-22-9-15, ASHLEY FEDERAL 2-23-9-15,  
ASHLEY FEDERAL 4-23-9-15, ASHLEY FEDERAL 6-23-9-15  
ASHLEY FEDERAL 8-23-9-15, ASHLEY FEDERAL 14-23-9-15  
ASHLEY FEDERAL 16-23-9-15**

**Cause No. UIC-381**

Publication Notices were sent to the following:

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

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

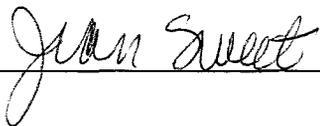
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

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

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

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*

November 1, 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-381

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



**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 11/1/2011 11:21 AM  
**Subject:** Legal Notice  
**Attachments:** OrderConf.pdf

AD# 739594  
Run Trib - 11/4  
Cost \$175.0  
Thank you  
Mark

**Order Confirmation for Ad #0000739594-01**

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

<b>Total Amount</b>	<b>\$175.00</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$175.00</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1

**Payment Method** **PO Number** Legal Notice

**Confirmation Notes:**

**Text:** Jean

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<b>Scheduled Date(s):</b>	11/04/2011	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sttrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	11/04/2011	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	11/04/2011	

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-381

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Units:  
Astley Federal 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32838  
Astley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
Astley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
Astley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827  
Astley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828  
Astley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817  
Astley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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 1st day of November, 2011.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager  
739594

UPAXLP



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*

November 1, 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-381

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



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 11/2/2011 3:17 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

---

On 11/1/2011 10:02 AM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](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  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Received. Thank you. It will run Nov. 8.  
Cindy



October 21, 2011

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

RE: Permit Application for Water Injection Well  
Ashley Federal #16-23-9-15  
Monument Butte Field, Lease #UTU-19222  
Section 23-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #16-23-9-15 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 written in a cursive style and is positioned above the printed name.

Eric Sundberg  
Regulatory Lead

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**OCT 26 2011**

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

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #16-23-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-19222**  
**OCTOBER 21, 2011**

**RECEIVED**  
**OCT 26 2011**  
DIV. OF OIL, GAS & MINING

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-23-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #8-23-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #9-23-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY FEDERAL #10-23-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY FEDERAL #15-23-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY FEDERAL #13-24-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-24R-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY FEDERAL #14-24-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY FEDERAL #4-25-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 3/25/05 – 4/14/05
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Ashley Federal #16-23-9-15

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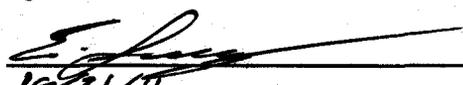
OCT 26 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: <u>Ashley Federal #16-23-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-19222</u>
Well Location: QQ <u>SESE</u> section <u>23</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Will the proposed well be used for:	Enhanced Recovery? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Disposal? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Storage? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is this application for a new well to be drilled? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If this application is for an existing well, has a casing test been performed on the well? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of test: _____	
API number: <u>43-013-32425</u>	
Proposed injection interval: from <u>3871</u> to <u>5886</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1630</u> psig	
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date: <u>10/21/11</u>
Phone No. <u>(303) 893-0102</u>	
(State use only) Application approved by _____ Title _____	
Approval Date _____	

Comments:

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**OCT 26 2011**  
DIV. OF OIL, GAS & MINING

# Ashley Federal 16-23-9-15

Spud Date: 2-11-05  
 Put on Production: 4-13-05  
 GL: 6354' KB: 6366'

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298.19')  
 DEPTH LANDED: 309.09' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

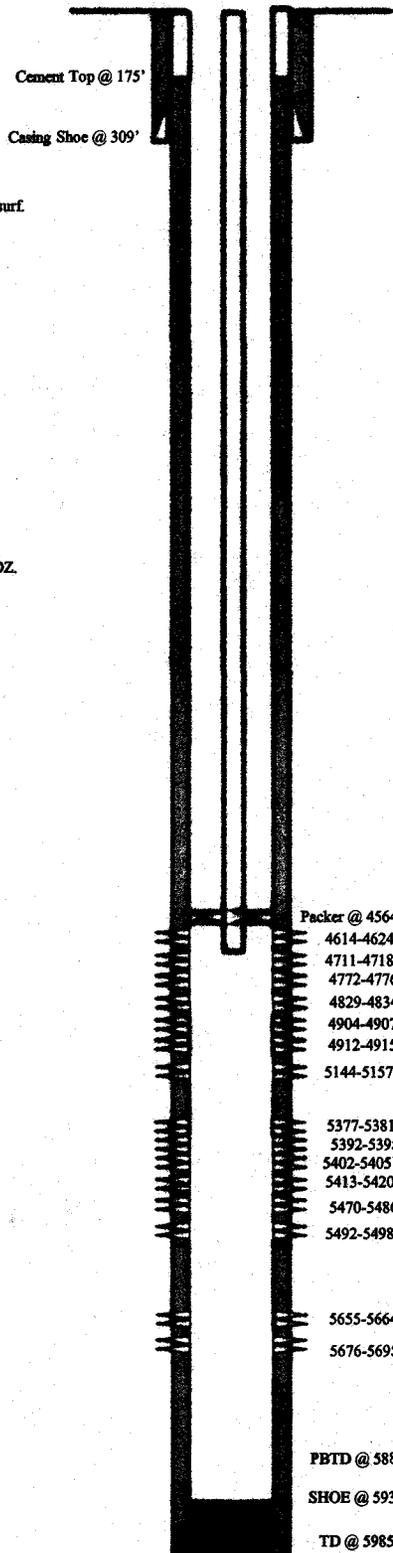
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5919.73')  
 DEPTH LANDED: 5932.98' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 383 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 175'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 180 jts (5620.29')  
 TUBING ANCHOR: 5632.29' KB  
 NO. OF JOINTS: 2 jts (61.96')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5697.05' KB  
 NO. OF JOINTS: 2 jts (62.40')  
 TOTAL STRING LENGTH: EOT @ 5761.00' KB

## Proposed Injection Wellbore Diagram



Initial Production: 43 BOPD,  
 10 MCFD, 352 BWPD

## FRAC JOB

4-7-05 5655-5695' Frac CP4 sand as follows:  
 70109#'s 20/40 sand in 565 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1765 psi  
 w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc  
 flush: 5653 gal. Actual flush: 5712 gal.

4-7-05 5392-5498' Frac CP1 & LODC sand as follows:  
 149552#'s 20/40 sand in 1025 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1685 psi  
 w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc  
 flush: 5390 gal. Actual flush: 5376 gal.

4-7-05 5144-5157' Frac LODC, sand as follows:  
 49887#'s 20/40 sand in 430 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2253 psi  
 w/avg rate of 24.7 BPM. ISIP 2060 psi. Calc  
 flush: 5142 gal. Actual flush: 5124 gal.

4-8-05 4711-4915' Frac C, B.S, B2, AS, sand as follows:  
 74587#'s 20/40 sand in 571 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1490 psi  
 w/avg rate of 24.7 BPM. ISIP 1770 psi. Calc  
 flush: 4709 gal. Actual flush: 4746 gal.

4-8-05 4614-4624' Frac D2, sand as follows:  
 11246#'s 20/40 sand in 210 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1648 psi  
 w/avg rate of 24.9 BPM. ISIP 1660 psi. Calc  
 flush: 4612 gal. Actual flush: 4536 gal.

06/30/05 Pump Change. Update rod and tubing detail.

## PERFORATION RECORD

Date	Interval	Tool	Holes
3-24-05	5655-5664'	4 JSPF	36 holes
3-24-05	5676-5695'	4 JSPF	76 holes
4-7-05	5392-5395'	4 JSPF	12 holes
4-7-05	5402-5405'	4 JSPF	2 holes
4-7-05	5413-5420'	4 JSPF	28 holes
4-7-05	5470-5486'	4 JSPF	64 holes
4-7-05	5492-5498'	4 JSPF	24 holes
4-7-05	5377-5381'	4 JSPF	16 holes
4-7-05	5392-5395'	4 JSPF	16 holes
4-7-05	5144-5157'	4 JSPF	52 holes
4-7-05	4711-4718'	4 JSPF	28 holes
4-7-05	4772-4776'	4 JSPF	16 holes
4-7-05	4829-4834'	4 JSPF	20 holes
4-7-05	4904-4907'	4 JSPF	12 holes
4-7-05	4912-4915'	4 JSPF	12 holes
4-8-05	4614-4624'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 16-23-9-15  
 545' FSL & 565' FEL  
 SE/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32425; Lease #UTU-19222

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JL 10/13/2011

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## **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.

Ashley Federal #16-23-9-15

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

**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 #16-23-9-15 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 #16-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3871' - 5886'). 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 3524' and the TD is at 5985'.

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

The referenced log for the Ashley Federal #16-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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DIV. OF OIL, GAS & 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-19222) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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**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 309' KB, and 5-1/2", 15.5# casing run from surface to 5933' 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.

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OCT 26 2011**

DIV. OF OIL, GAS & MINING

**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 1630 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 #16-23-9-15, for existing perforations (4614' - 5695') calculates at 0.79 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 1630 psig. We may add additional perforations between 3524' and 5985'. 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 #16-23-9-15, the proposed injection zone (3871' - 5886') 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-8.

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.

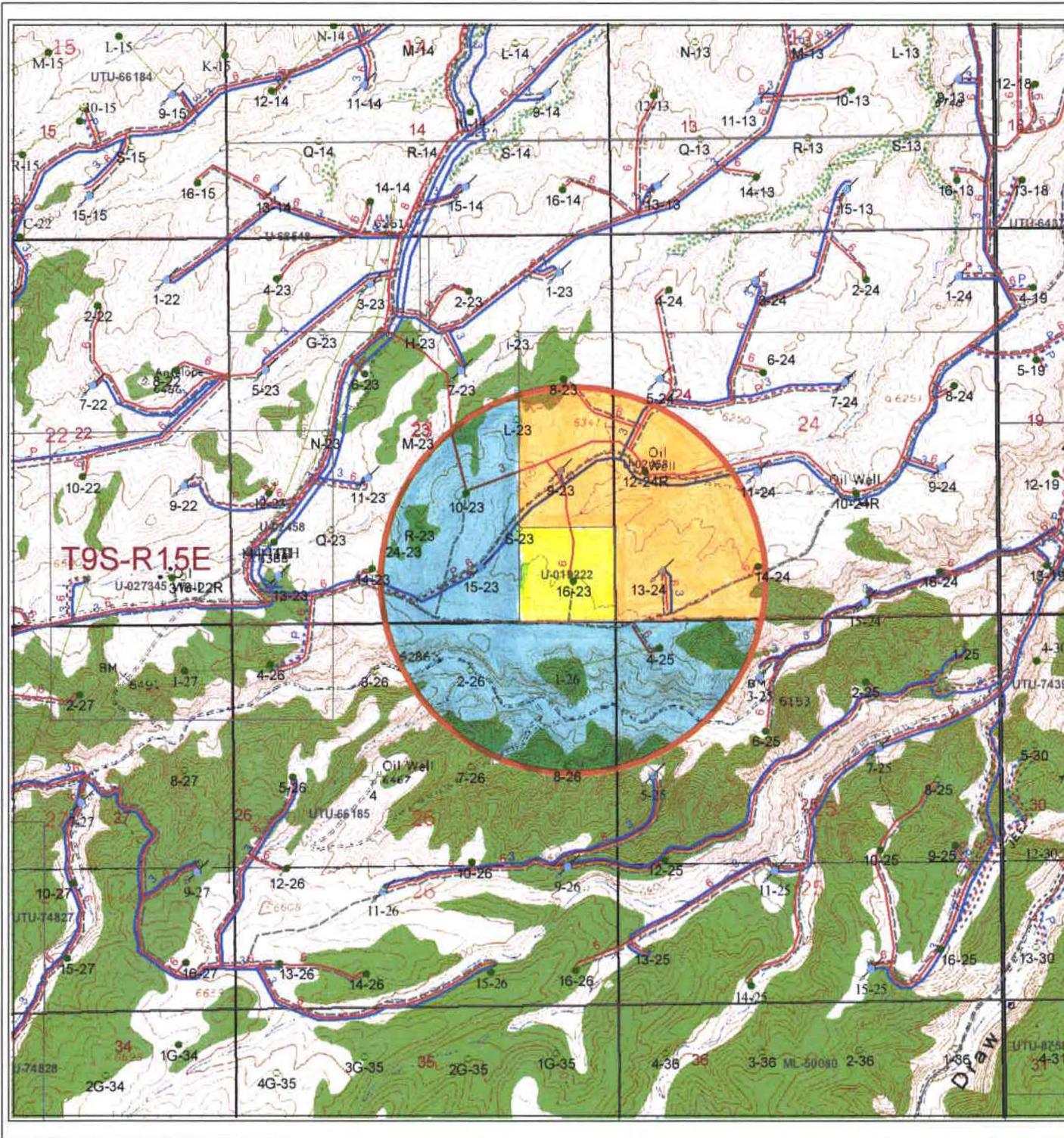
- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

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

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**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

**Injection system**

- high pressure
- low pressure
- - - proposed
- return
- - - return proposed

**Leases**

- Leases
- Mining tracts

**Gas Pipelines**

- Gathering lines
- - - Proposed lines
- ▭ 16\_23\_9\_15\_Buffer

UTU-019222

UTU-02458

UTU-66185

DIV. OF OIL, GAS & MINING

OCT 26 2011

Ashley 16-23  
Section 23, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

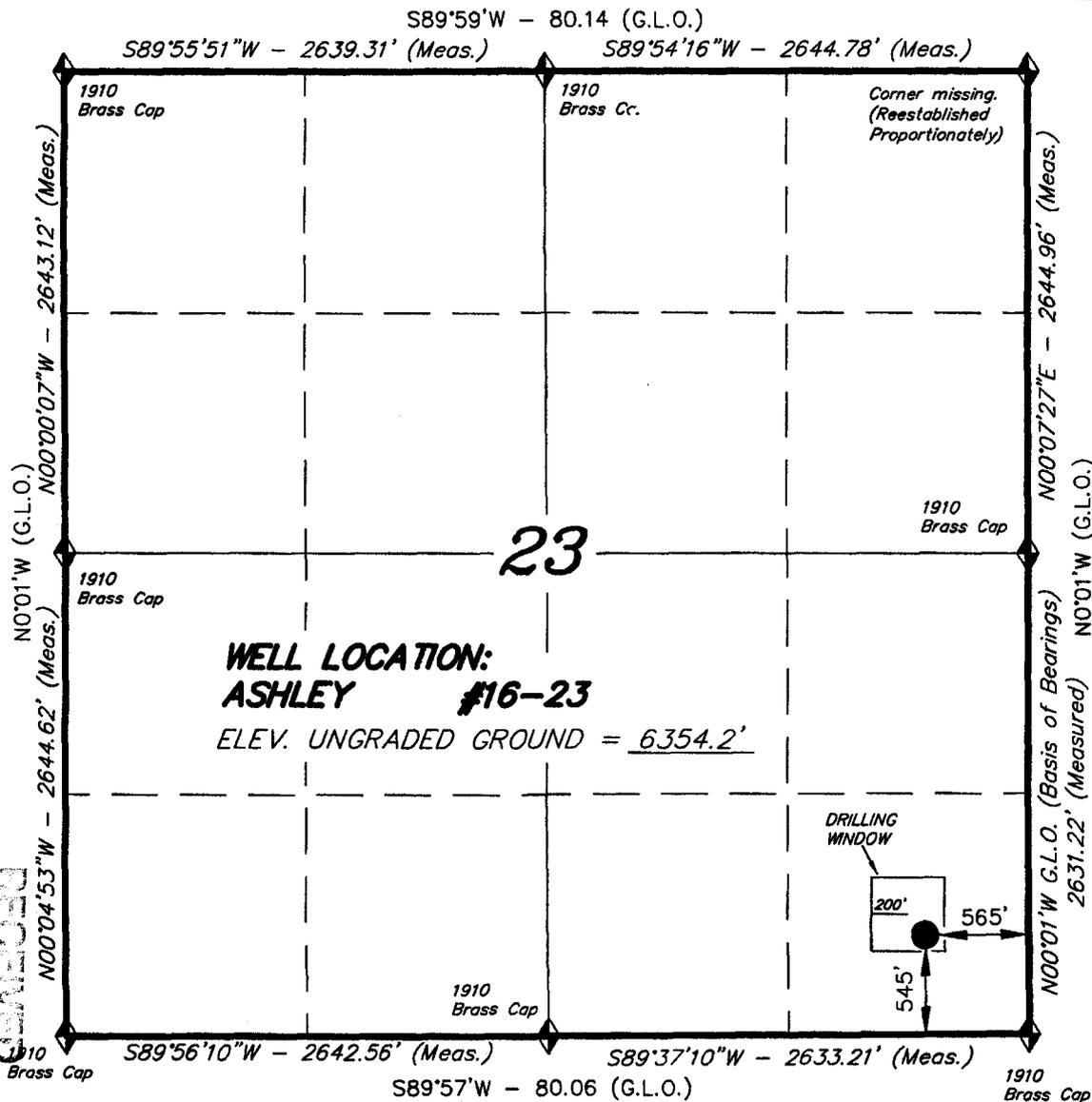
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

June 28, 2011

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

## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY #16-23,  
 LOCATED AS SHOWN IN THE SE 1/4 SE  
 1/4 OF SECTION 23, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:**  
**ASHLEY #16-23**  
 ELEV. UNGRADED GROUND = 6354.2'

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

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

### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000' SURVEYED BY: D.J.S.

DATE: 9-27-02 DRAWN BY: J.R.S.

NOTES: FILE #

◆ = SECTION CORNERS LOCATED

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

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**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 23: SESE	USA UTU-019222 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA

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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #16-23-9-15

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 21<sup>st</sup> day of October, 2011.

Notary Public in and for the State of Colorado:   
My Commission Expires  
02/10/2013  
My Commission Expires: \_\_\_\_\_



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## Ashley Federal 16-23-9-15

Spud Date: 2-11-05  
 Put on Production: 4-13-05  
 GL: 6354' KB: 6366'

Initial Production: 43 BOPD,  
 10 MCFD, 352 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298.19')  
 DEPTH LANDED: 309.09' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5919.73')  
 DEPTH LANDED: 5932.98' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 383 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 175'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 180 jts (5620.29')  
 TUBING ANCHOR: 5632.29' KB  
 NO. OF JOINTS: 2 jts (61.96')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5697.05' KB  
 NO. OF JOINTS: 2 jts (62.40')  
 TOTAL STRING LENGTH: EOT @ 5761.00' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-4', 3/4" ponies, 99- 3/4" scraped rods, 112-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" 4" x 17" RHAC w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5'

#### FRAC JOB

4-7-05 5655-5695' **Frac CP4 sand as follows:**  
 70109#'s 20/40 sand in 565 bbls Lightning 17 frac fluid. Treated @ avg press of 1765 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 5653 gal. Actual flush: 5712 gal.

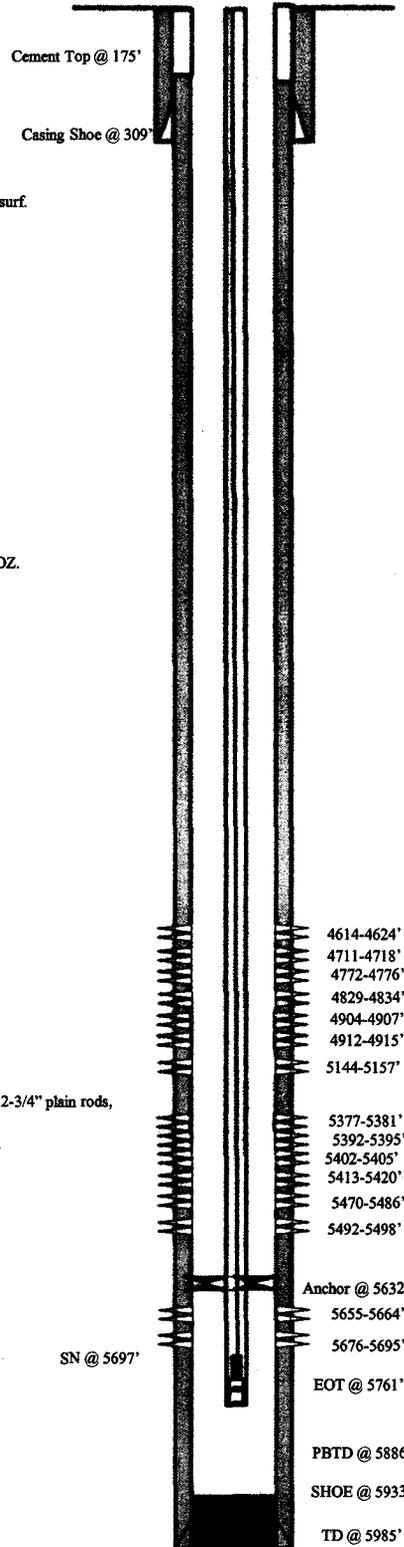
4-7-05 5392-5498' **Frac CP1 & LODC sand as follows:**  
 149552#'s 20/40 sand in 1025 bbls Lightning 17 frac fluid. Treated @ avg press of 1685 psi w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc flush: 5390 gal. Actual flush: 5376 gal.

4-7-05 5144-5157' **Frac LODC, sand as follows:**  
 49887#'s 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2253 psi w/avg rate of 24.7 BPM. ISIP 2060 psi. Calc flush: 5142 gal. Actual flush: 5124 gal.

4-8-05 4711-4915' **Frac C, B, S, B2, A5, sand as follows:**  
 74587#'s 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.7 BPM. ISIP 1770 psi. Calc flush: 4709 gal. Actual flush: 4746 gal.

4-8-05 4614-4624' **Frac D2, sand as follows:**  
 11246#'s 20/40 sand in 210 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 24.9 BPM. ISIP 1660 psi. Calc flush: 4612 gal. Actual flush: 4536 gal.

06/30/05 **Pump Change. Update rod and tubing detail.**



#### PERFORATION RECORD

Date	Depth Range	Completion	Holes
3-24-05	5655-5664'	4 JSPF	36 holes
3-24-05	5676-5695'	4 JSPF	76 holes
4-7-05	5392-5395'	4 JSPF	12 holes
4-7-05	5402-5405'	4 JSPF	2 holes
4-7-05	5413-5420'	4 JSPF	28 holes
4-7-05	5470-5486'	4 JSPF	64 holes
4-7-05	5492-5498'	4 JSPF	24 holes
4-7-05	5377-5381'	4 JSPF	16 holes
4-7-05	5144-5157'	4 JSPF	52 holes
4-7-05	4711-4718'	4 JSPF	28 holes
4-7-05	4772-4776'	4 JSPF	16 holes
4-7-05	4829-4834'	4 JSPF	20 holes
4-7-05	4904-4907'	4 JSPF	12 holes
4-7-05	4912-4915'	4 JSPF	12 holes
4-8-05	4614-4624'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 16-23-9-15

545' FSL & 565' FEL

SE/SE Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32425; Lease #UTU-19222

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# Ashley Federal 8-23-9-15

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

## Injection Wellbore Diagram

### SURFACE 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

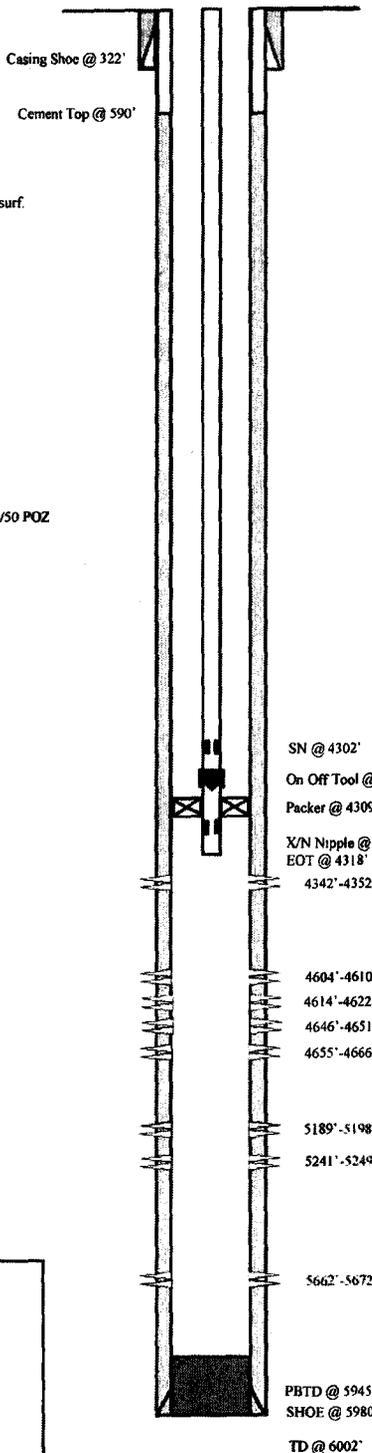
6/28/06 4604'-4666' Frac D1&2 sands as follows:  
 75,344# 20/40 sand in 565 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1824 psi  
 w/avg rate of 25.4 BPM ISIP 2110 psi Calc  
 flush: 4602 gal Actual flush: 4116 gal

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

Date	Interval	JSPF	Holes
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



**NEWFIELD**

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 9-23-9-15

Spud Date: 2-21-05  
 Put on Production: 4-18-05  
 GL: 6323' KB: 6335'

Initial Production: 34 BOPD,  
 5 MCFD, 33 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

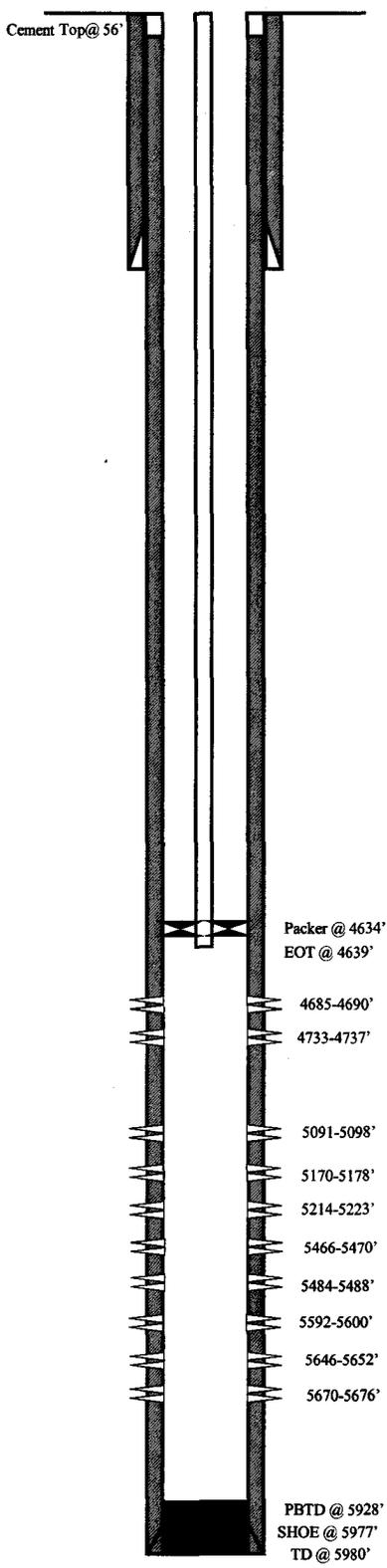
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.4')  
 DEPTH LANDED: 311.4' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5975.48')  
 DEPTH LANDED: 5976.73' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 56'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 142 jts (4618.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4630' KB  
 CE @ 4634'  
 TOTAL STRING LENGTH: EOT @ 4638.61' KB



#### FRAC JOB

4-12-05 5592-5676' **Frac CP 2 & CP3 sand as follows:**  
 29578#'s 20/40 sand in 335 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1548 psi  
 w/avg rate of 24.2 BPM. ISIP 1880. Calc.  
 flush: 5590, Actual flush: 5628

4-13-05 5466-5488' **Frac CP1 & CP.5 sand as follows:**  
 24612#'s 20/40 sand in 302 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1760 psi  
 w/avg rate of 23.3 BPM. ISIP 2220 Calc  
 Actual flush: 5502 gal.  
 flush: 5464 gal.

4-13-05 5091-5223' **Frac LODC, sand as follows:**  
 90073#'s 20/40 sand in 662 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2193 psi  
 w/avg rate of 24.2 BPM. ISIP 2480 psi. Calc  
 flush: 5089 gal. Actual flush: 5082 gal.

4-13-05 4685-4737' **Frac C & D3 sand as follows:**  
 37289#'s 20/40 sand in 355 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2018 psi  
 w/avg rate of 24.9 BPM. ISIP 2320 psi. Calc  
 flush: 4683 gal. Actual flush: 4578 gal.

5/25/06 **Well converted to an Injection well.**  
 6/8/06 **MIT completed and submitted.**  
 5/4/11 **5 YR MIT Completed**

#### PERFORATION RECORD

Date	Interval	Tool	Holes
4-12-05	5592-5600'	4 JSPF	32 holes
4-12-05	5646-5652'	4 JSPF	24 holes
4-12-05	5670-5676'	4 JSPF	24 holes
4-13-05	5466-5470'	4 JSPF	16 holes
4-13-05	5484-5488'	4 JSPF	16 holes
4-13-05	5091-5098'	4 JSPF	28 holes
4-13-05	5170-5178'	4 JSPF	32 holes
4-13-05	5214-5223'	4 JSPF	36 holes
4-13-05	4685-4690'	4 JSPF	20 holes
4-13-05	4733-4737'	4 JSPF	16 holes

**NEWFIELD**

Ashley Federal 9-23-9-15  
 2050' FSL & 726' FEL  
 NE/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32426; Lease # UTU-02458

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Sundry Number: 39009 API Well Number: 43013315190000

### Ashley Federal 10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

#### Injection Wellbore Diagram

**SURFACE CASING**  
 CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 7 jts (296.05')  
 DEPTH LANDED 294.75' KB  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 130 sxs Class "G" cmt

**PRODUCTION CASING**  
 CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT 15.5#  
 LENGTH 140 jts (6047.14')  
 DEPTH LANDED 6045.48' KB  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 240 sxs HiFill & 333 sxs Class G cmt w/10% Calseal  
 CEMENT TOP AT 2364' CBL

**TUBING**  
 SIZE/GRADE/WT 2-7/8" J-55 / 6.5#  
 NO OF JOINTS 148 jts (4660.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT 4673.9' KD  
 ON/OFF TOOL AT 4675'  
 ARROW #1 PACKER CE AT 4681'  
 XO 2-3/8 x 2-7/8 J-55 AT 4684'  
 TBG PUP 2-3/8 J-55 AT 4684.5'  
 X/N NIPPLE AT 4688.7'  
 TOTAL STRING LENGTH EOT @ 4690.21'

**FRAC JOB**

12/7/95 5814'-5822' Frac CP3 sands as follows:  
 54,500# 20/40 sand in 547 bbls Boragel fluid Treated @ avg press of 2200 psi w/avg rate of 26 BPM ISIP 2078 psi Calc flush 5814 gal Actual flush: 5747 gal

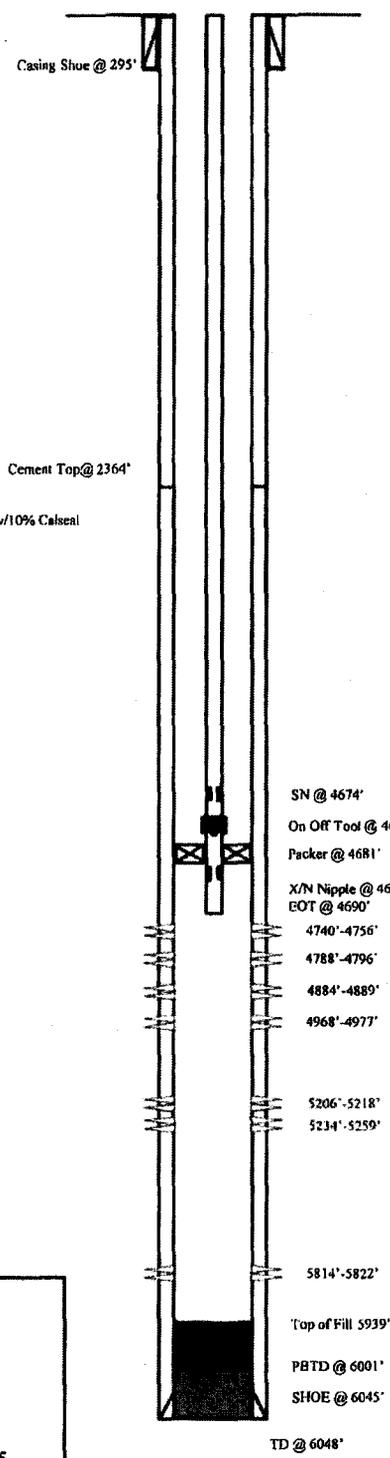
12/9/95 5206'-5259' LDC sands as follows:  
 113,300# 20/40 sand in 31,357 gal Boragel fluid ISIP 2445 psi Calc flush: 5206' gal Actual flush: 5156 gal

12/12/95 4968'-4977' Frac A sands as follows:  
 21,200# 20/40 sand in 12,028 gal Boragel fluid ISIP 2291 psi Calc flush 4968' gal Actual flush: 4860 gal

12/14/95 4884'-4889' Frac B sands as follows:  
 25,000# 20/40 sand in 287 bbls Boragel fluid Treated @ avg press of 2060 psi w/avg rate of 18 BPM ISIP 2354 psi Calc flush: 4886 gal Actual flush: 4799 gal

12/16/95 4740'-4796' Frac C/D sands as follows:  
 92,600# 20/40 sand in 640 bbls Boragel fluid Treated @ avg press of 2100 psi w/avg rate of 36 BPM ISIP 2170 psi Calc flush: 4740 gal Actual flush:

7/29/99 Tubing Leak. Update tubing and rod detail  
 3/2/04 Stuck Pump Update rod details  
 06/07/13 Convert to Injection Well  
 06/10/13 Conversion MIT Finalized - update tbg detail



**PERFORATION RECORD**

12/6/95	5814'-5822'	4 JSPF	32 holes
12/8/95	5234'-5259'	4 JSPF	44 holes
12/8/95	5206'-5218'	4 JSPF	92 holes
12/10/95	4968'-4977'	4 JSPF	36 holes
12/13/95	4884'-4889'	4 JSPF	20 holes
12/15/95	4788'-4796'	4 JSPF	32 holes
12/15/95	4740'-4756'	4 JSPF	64 holes



**Ashley Federal 10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185

# Ashley Federal 15-23-9-15

Spud Date: 06/06/06  
 Put on Production: 07/12/06  
 K.B.: 6373, G.L.: 56361

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

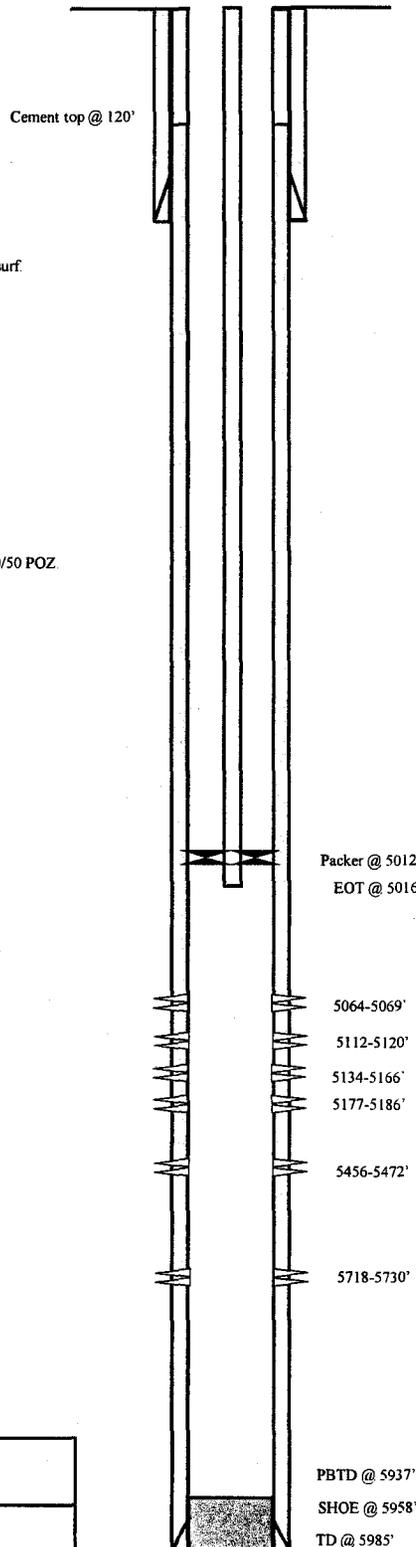
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.56')  
 DEPTH LANDED: 317.41' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (5945.28')  
 DEPTH LANDED: 5958.53' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem Lite II mixed & 520 sxs 50/50 POZ  
 CEMENT TOP AT: 120'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" J-55 tbg  
 NO. OF JOINTS: 158 jts (4995.80')  
 PACKER: 5012' KB (2.80')  
 SN LANDED AT: 5007.80' KB  
 TOTAL STRING LENGTH: EOT @ 5016.10' KB



**FRAC JOB**

07/06/06	5718-5730'	<b>Frac CP4, sands as follows:</b> 29821# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 1480 psi. Calc flush: 5728 gal. Actual flush: 5212 gal.
07/07/06	5456-5472'	<b>Frac CP1 sands as follows:</b> 60199# 20/40 sand in 491 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25.1 BPM. ISIP 2150 psi. Calc flush: 5470 gal. Actual flush: 4944 gal.
07/07/06	5064-5186'	<b>Frac LODC sands as follows:</b> 246738# 20/40 sand in 1669 bbls Lightning 17 frac fluid. Treated @ avg press of 2553 psi w/avg rate of 40 BPM. ISIP 2675 psi. Calc flush: 5184 gal. Actual flush: 4965 gal.
8/9/07		Pump change. Updated rod & tubing detail.
2/23/08		Well converted to an injection well.
2/29/08		MIT completed and submitted.

**PERFORATION RECORD**

06/29/06	5718-5730'	4 JSPF	48 holes
07/06/06	5456-5472'	4 JSPF	64 holes
07/07/06	5177-5186'	4 JSPF	36 holes
07/07/06	5134-5166'	4 JSPF	128 holes
07/07/06	5112-5120'	4 JSPF	32 holes
07/07/06	5064-5069'	4 JSPF	20 holes

**NEWFIELD**

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**Ashley Federal 15-23-9-15**

743' FSL & 1837' FEL

SW/SE Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32831; Lease #UTU-66185

## Ashley Federal 13-24-9-15

Spud Date: 07/09/06  
 Put on Production: 08/14/06  
 K.B.: 6343, G.L.: 6331

Initial Production: BOPD,  
 MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

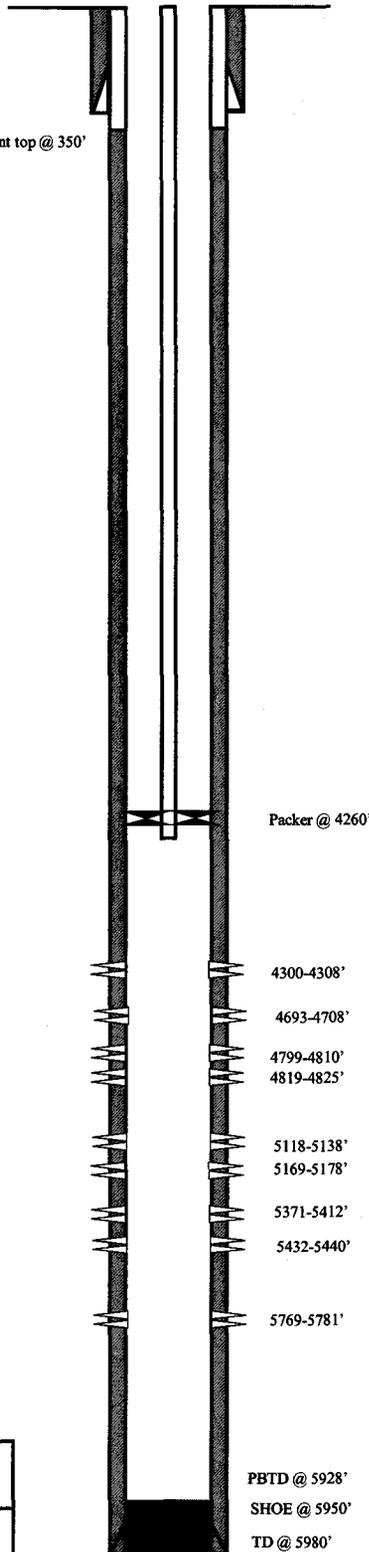
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.53')  
 DEPTH LANDED: 322.38' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5936.81')  
 DEPTH LANDED: 5950.06' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 350'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4243.99')  
 TUBING ANCHOR: 4260.44' KB  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4255.99' KB  
 TOTAL STRING LENGTH: EOT @ 4264.84' KB



#### FRAC JOB

08/08/06	5769-5781'	<b>Frac CP5, sands as follows:</b> 35142# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25.1 BPM. ISIP 2425 psi. Calc flush: 5779 gal. Actual flush: 5254 gal.
08/08/06	5371-5440'	<b>Frac CP1, LODC sands as follows:</b> 147433# 20/40 sand in 998 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 225 BPM. ISIP 2075 psi. Calc flush: 5438 gal. Actual flush: 4880 gal.
08/08/06	5118-5178'	<b>Frac LODC sands as follows:</b> 80602# 20/40 sand in 644 bbls Lightning 17 frac fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP 2875 psi. Calc flush: 5176 gal. Actual flush: 4591 gal.
08/09/06	4799-4825'	<b>Frac B2 sands as follows:</b> 45410# 20/40 sand in 519 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 1750 psi. Calc flush: 4823 gal. Actual flush: 4322 gal.
08/09/06	4693-4708'	<b>Frac C sands as follows:</b> 45123# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25.2 BPM. ISIP 1975 psi. Calc flush: 4706 gal. Actual flush: 4183 gal.
08/09/06	4300-4308'	<b>Frac PB10 sands as follows:</b> 30040# 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 2200 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4306 gal. Actual flush: 4217 gal.
05/28/08		hole in tubing. Updated rod and tubing details
10/7/08		Well converted to an Injection Well.
10/23/08		5 Year MITT completed and submitted.

#### PERFORATION RECORD

07/31/06	5769-5781'	4 JSPF	48 holes
08/08/06	5432-5440'	4 JSPF	32 holes
08/08/06	5371-5412'	2 JSPF	82 holes
08/08/06	5169-5178'	4 JSPF	36 holes
08/08/06	5118-5138'	4 JSPF	80 holes
08/08/06	4819-4825'	4 JSPF	24 holes
08/08/06	4799-4810'	4 JSPF	44 holes
08/09/06	4693-4708'	4 JSPF	60 holes
08/09/06	4300-4308'	4 JSPF	32 holes

**NEWFIELD**

**Ashley Federal 13-24-9-15**

600' FSL & 660' FWL

SW/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32820; Lease #UTU-02458

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

CR 10/23/08

# Ashley Federal #12-24R-9-15

Formerly Castle Peak Unit #2  
Wellbore Diagram

Initial Production: 32 BOPD,  
30 MCFPD, 4 BWPD

Spud Date: 12/15/62  
GL: 6275' KB: 6288'  
Plugged & Abandoned 8/14/71  
Re-Entered: 8/19/96  
POP: 9/6/96

### SURFACE CASING

CSG SIZE: 13-3/8"  
GRADE: ?  
WEIGHT: 48#  
LENGTH: ? jts.  
DEPTH LANDED: 210'  
HOLE SIZE: 17-1/2"  
CEMENT DATA: 300 Sx in place

### PRODUCTION CASING

CSG SIZE: 5/12"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: ?  
DEPTH LANDED: 5346'  
HOLE SIZE: ?  
CEMENT DATA: 520 Sx  
CEMENT TOP AT: 3900'

### TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5# M-50  
NO. OF JOINTS: 146 jts (4564 71')  
TUBING ANCHOR: 4575 71' KB  
NO. OF JOINTS: 15 jts (469 95')  
SEATING NIPPLE: 2-7/8" (1 10')  
SN LANDED AT: 5048 46' KB  
NO. OF JOINTS: 3 jts (93 99')  
TOTAL STRING LENGTH: 5144 00' KB

### SUCKER RODS

POLISHED ROD: 1-1/2 x 22' polished  
SUCKER RODS: 6- 1 1/2" wt rods, 10- 3/4" scraper rods, 86 - 3/4" plain rods,  
99 - 3/4" scraper rods, 1-2', 1-8' x 3/4" pony rods  
PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5 SPM  
LOGS: CBL (5282' - 3900')

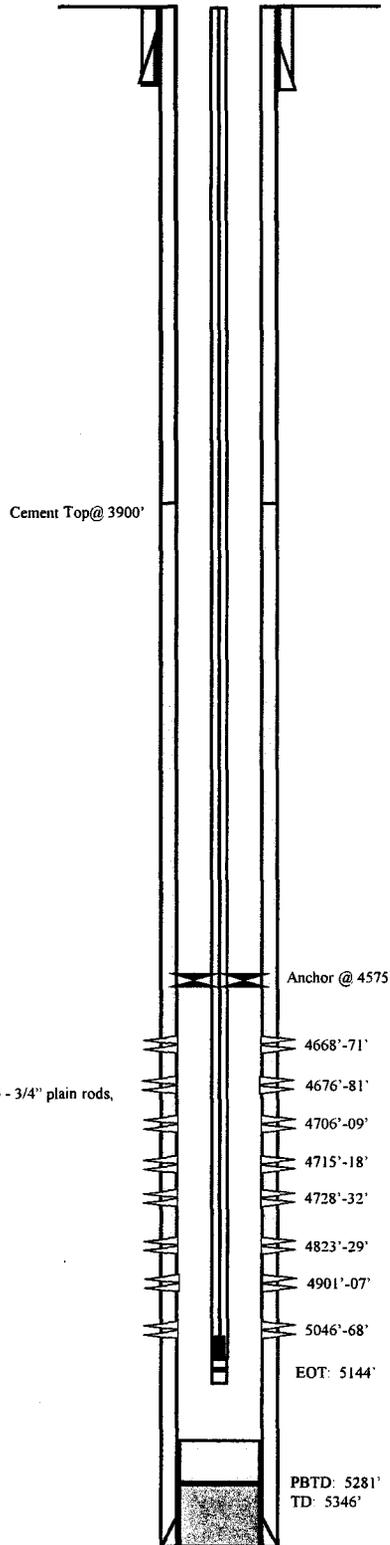
### FRAC JOB

8/28/96 5046'-5068' A-3 Sand  
77,700# of 20/40 sd in 395 bbls of Boragel. Treated @ ave rate of  
13.5 bpm w/ave press of 3800 psi. ISIP: 2086 psi.

8/30/96 4823'-4907' A-0.5/B-2 Sand  
Screened out w/6.5# sd @ perms w/14,000# of sd in formation &  
10,000# of sd in tbg. Total fluid pmpd: 194 bbls Boragel. Release  
pkr. Reverse circ sd laden fluid out of tbg. Circ well clean. LD  
subs. Set pkr.

9/3/96 4668'-4732' C/D Sand  
Well pmpd 1400 gals off pad, tbg started to pmp out of hole (pkr not  
holding). SD. TOH w/pkr. NU tree saver. RU Halliburton & frac "C"  
& "D" sd dn tbg w/75,200# of 20/40 sd in 463 bbls of Boragel. Break  
dn @ 2892 psi. Treated @ ave rate of 30.2 bpm w/ave press of  
2600 psi. ISIP: 2989 psi.

8/07/02 Pump change. Update rod and tubing details



### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
8-27-96	5046'-5068'	4 JSPF	88 holes
8-29-96	4901'-4907'	4 JSPF	24 holes
8-29-96	4823'-4829'	4 JSPF	24 holes
8-31-96	4728'-4732'	4 JSPF	16 holes
8-31-96	4715'-4718'	4 JSPF	12 holes
8-31-96	4706'-4709'	4 JSPF	12 holes
8-31-96	4676'-4681'	4 JSPF	20 holes
8-31-96	4668'-4671'	4 JSPF	12 holes



Ashley Federal #12-24R-9-15  
2037 FSL & 444 FWL  
NWSW Section 24-T9S-R15E  
Duchesne Co, Utah  
API #43-013-15782; Lease #U-02458

# Ashley Federal 14-24-9-15

Spud Date: 7-11-06  
 Put on Production: 8-23-06  
 GL: 6312' KB: 6324'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.55')  
 DEPTH LANDED: 322.40' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5942.68')  
 DEPTH LANDED: 5955.93' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP AT: 100'

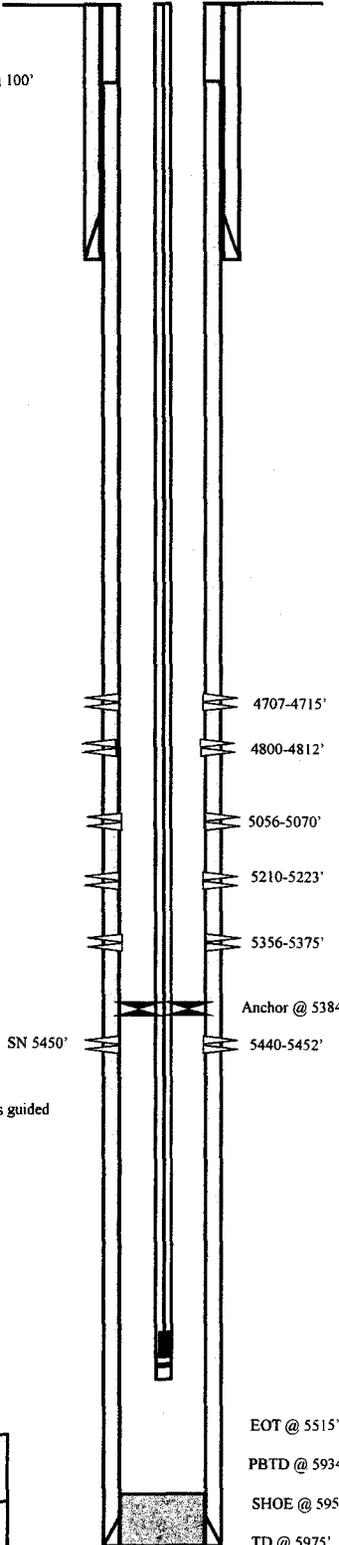
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts (5384')  
 TUBING ANCHOR: 5384' KB  
 NO. OF JOINTS: 2 jts (63.39')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5450.2' KB  
 NO. OF JOINTS: 2 jts (63.25')  
 TOTAL STRING LENGTH: EOT @ 5515' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2', 1-4', 1-6', 1-8' X 3/4" pony rods, 100- 3/4" Norris guided rods, 101-3/4" guided rods, 10- 3/4" guided rods, 6-1 1/2" sinker bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5 SPM

Cement top @ 100'



### FRAC JOB

08-17-06 5356-5452' **Frac CP1, LODC sands as follows:**  
 59208# 20/40 sand in 561 bbls Lightning 17 frac fluid. Treated @ avg press of 1838 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc flush: 5356 gal. Actual flush: 4872 gal.

08-17-06 5210-5223' **Frac LODC sands as follows:**  
 64716# 20/40 sand in 518 bbls Lightning 17 frac fluid. Treated @ avg press of 2884 psi w/avg rate of 24.8 BPM. ISIP 3100 psi. Calc flush: 5208 gal. Actual flush: 4746 gal.

08-17-06 5056-5070' **Frac LODC sands as follows:**  
 34203# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5054 gal. Actual flush: 4578 gal.

08-17-06 4800-4812' **Frac B2 sands as follows:**  
 39247# 20/40 sand in 417 bbls Lightning 17 frac fluid. Treated @ avg press of 1885 w/ avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 4798 gal. Actual flush: 4326 gal.

08-17-06 4707-4715' **Frac C sands as follows:**  
 42615# 20/40 sand in 424 bbls Lightning 17 frac fluid. Treated @ avg press of 2291 w/ avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4705 gal. Actual flush: 4620 gal.

10/28/10 Pump Change. Rod & tubing updated

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
08-04-06	5440-5452'	4 JSPF	48 holes
08-04-06	5356-5375'	4 JSPF	76 holes
08-17-06	5210-5223'	4 JSPF	52 holes
08-17-06	5056-5070'	4 JSPF	56 holes
08-17-06	4800-4812'	4 JSPF	48 holes
08-17-06	4707-4715'	4 JSPF	32 holes

**NEWFIELD**

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**Ashley Federal 14-24-9-15**

706' FSL & 1978' FWL

SE/SW Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32821; Lease # UTU-02458

# Ashley Federal 4-25-9-15

Spud Date: 06/22/06  
 Put on Production: 07/28/06  
 K.B.: 6379, G.L.: 6367

## Injection Wellbore Diagram

### SURFACE CASING

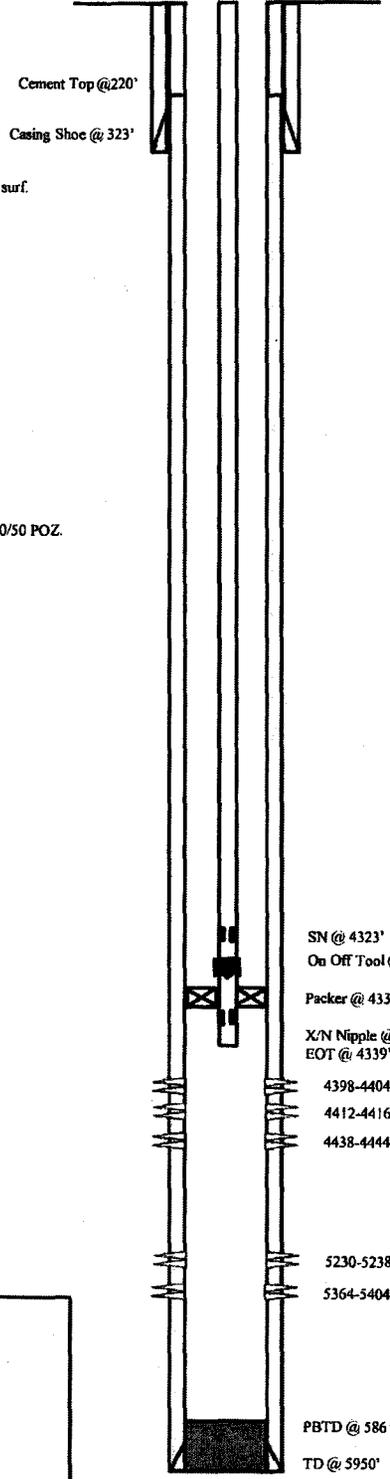
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.94')  
 DEPTH LANDED: 322.79' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (5869.18')  
 DEPTH LANDED: 5882.43' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 137 jts (4311.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4323.1' KB  
 ON/OFF TOOL AT: 4324.2'  
 ARROW #1 PACKER CE AT: 4329.6'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4333.2'  
 TBG PUP 2-3/8 J-55 AT: 4333.7'  
 X/N NIPPLE AT: 4337.9'  
 TOTAL STRING LENGTH: EOT @ 4339.39'



### FRAC JOB

07/24/06 5364-5404' **Frac LODC sands as follows:**  
 168996# 20/40 sand in 1145 bbls Lightning 17 frac fluid. Treated @ avg press of 2069 psi w/avg rate of 24.8 BPM. ISIP 2260 psi. Calc flush: 5402 gal. Actual flush: 4876 gal.

07/24/06 4398-4444' **Frac DS1, DS2 sands as follows:**  
 39568# 20/40 sand in 421 bbls Lightning 17 frac fluid. Treated @ avg press of 1718 psi w/avg rate of 24.8 BPM. ISIP 1640 psi. Calc flush: 4442 gal. Actual flush: 4284 gal.

06/22/07 **Workover Rod & Tubing detail updated.**  
 8/10/09 **Parted rods, updated rod & tubing details.**  
 11/12/13 **Convert to Injection Well**  
 11/13/13 **Conversion MIT Finalized - update tbg detail**

### PERFORATION RECORD

Date	Wellbore	JSPF	Holes
07/18/06	5364-5404'	2 JSPF	80 holes
07/24/06	5230-5238'	4 JSPF	32 holes
07/24/06	4438-4444'	4 JSPF	24 holes
07/24/06	4412-4416'	4 JSPF	16 holes
07/24/06	4398-4404'	4 JSPF	24 holes

**NEWFIELD**

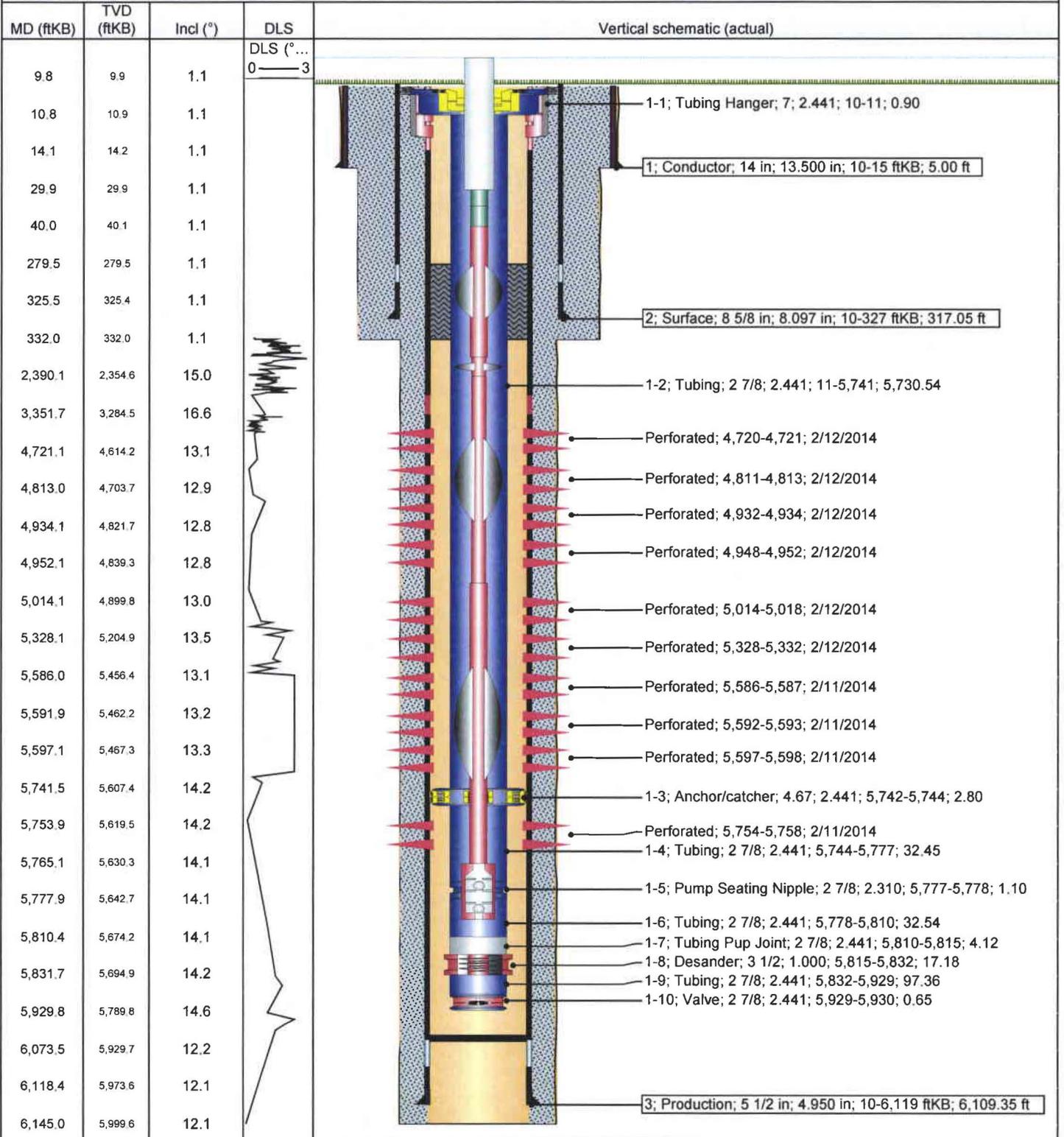
**Ashley Federal 4-25-9-15**  
 394' FNL & 624' FWL  
 NW/NW Section 25-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32884; Lease #UTU-66185

**Well Name: GMBU R-23-9-15**

Surface Legal Location NESW 1958 FSL 1928 FWL Sec 23 T9S R15E Mer SLB		API/UWI 43013523590000	Well RC 500334659	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 1/12/2014	Rig Release Date 1/24/2014	On Production Date	Original KB Elevation (ft) 6,362	Ground Elevation (ft) 6,352	Total Depth All (TVD) (ftKB) Original Hole - 5,999.6	PBSD (All) (ftKB) Original Hole - 6,073.3	

<b>Most Recent Job</b>				
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/11/2014	Job End Date

**TD: 6,145.0** Slant - Original Hole, 3/18/2014 4:21:48 PM



43-013-51580

# NEWFIELD



## GMBU L-23-9-15

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: NE/SE Section 23, T9S, R15E, 2041' PSL & 713' FEL

Elevation: 6326' GL + 10' KB

API Number: 43-013-51580; Lease Number: UTU-02458

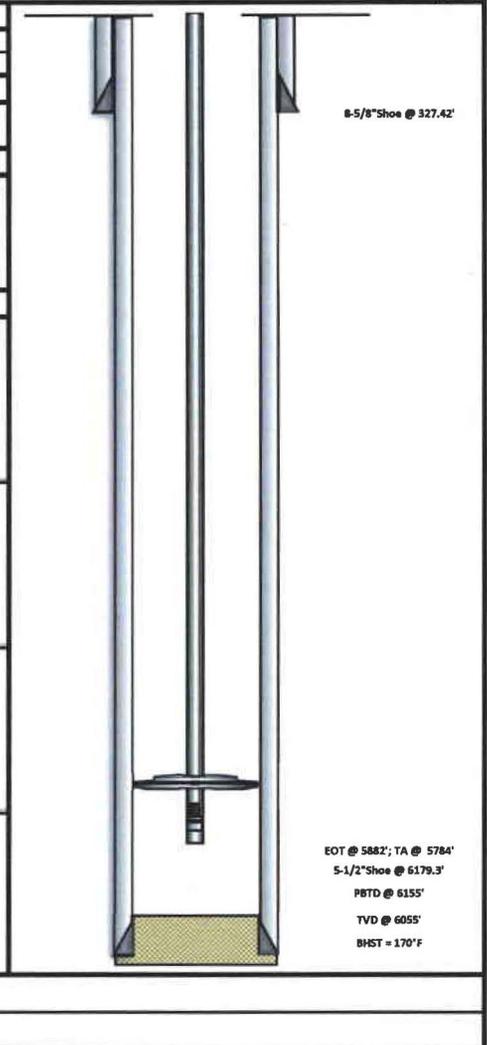
Paul Lambcke

PFM 4/22/2013

Spud Date: 3/27/2013

Pop Date: 5/10/2013

Casing Detail	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	327'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,179'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TBS Detail	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,882'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,784'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,807'				
	Pony Rod		30'	32'	7/8"	C(API)	2	1					
	4per Guided Rod		32'	1,757'	7/8"	Tenaris D78	1725	69					
	4per Guided Rod		1,757'	5,057'	3/4"	Tenaris D78	3300	132					
8per Guided Rod		5,057'	5,807'	7/8"	Tenaris D78	750	30						
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	3	-	-	Formation:	C-Sand D1						
	0'	0'	3	-	-	20/40 White:	23,664 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Pad:	752 gals	Treating Fluid:	7,016 gals				
	0'	0'	3	-	-	Flush:	4,717 gals	Load to Recover:	12,850 gals				
	4,722'	4,724'	3	0.34	5/2/2013	ISIP=	0.849 psi/ft	Max STP:	3,778 psi				
	4,861'	4,863'	3	0.34	5/2/2013								
4,865'	4,867'	3	0.34	5/2/2013									
3	0'	0'	3	-	-	Formation:	A1						
	0'	0'	3	-	-	20/40 White:	58,989 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	945 gals	Treating Fluid:	14,329 gals				
	0'	0'	3	-	-	Flush:	5,099 gals	Load to Recover:	21,326 gals				
	5,090'	5,091'	3	0.34	5/2/2013	ISIP=	0.953 psi/ft	Max STP:	3,872 psi				
	5,095'	5,096'	3	0.34	5/2/2013								
5,106'	5,108'	3	0.34	5/2/2013									
2	0'	0'	3	-	-	Formation:	LODC						
	5,244'	5,246'	3	0.34	5/2/2013	20/40 White:	227,186 lbs	15% HCl:	500 gals				
	5,279'	5,280'	3	0.34	5/2/2013	Pad:	1,264 gals	Treating Fluid:	52,650 gals				
	5,295'	5,296'	3	0.34	5/2/2013	Flush:	5,158 gals	Load to Recover:	59,895 gals				
	5,304'	5,305'	3	0.34	5/2/2013	ISIP=	0.935 psi/ft	Max STP:	3,330 psi				
	5,333'	5,334'	3	0.34	5/2/2013								
5,349'	5,350'	3	0.34	5/2/2013									
1	0'	0'	3	-	-	Formation:	CP3 CP2						
	0'	0'	3	-	-	20/40 White:	22,010 lbs	15% HCl:	2,886 gals				
	0'	0'	3	-	-	Pad:	1,172 gals	Treating Fluid:	5,512 gals				
	0'	0'	3	-	-	Flush:	5,691 gals	Load to Recover:	14,089 gals				
	5,748'	5,750'	3	0.34	5/1/2013	ISIP=	0.778 psi/ft	Max STP:	3,359 psi				
	5,805'	5,808'	3	0.34	5/1/2013								
CEMENT	Surf	On 3/29/13 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 4 bbls to the pit.											
	Prod	On 4/13/13 Baker pumped 210 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 10 bbls to the pit. TOC @ 44'.											



EOT @ 5882'; TA @ 5784'  
 5-1/2" Shoe @ 6179.3'  
 PBTD @ 6155'  
 TVD @ 6055'  
 BHST = 170°F

43-013-51590

# NEWFIELD

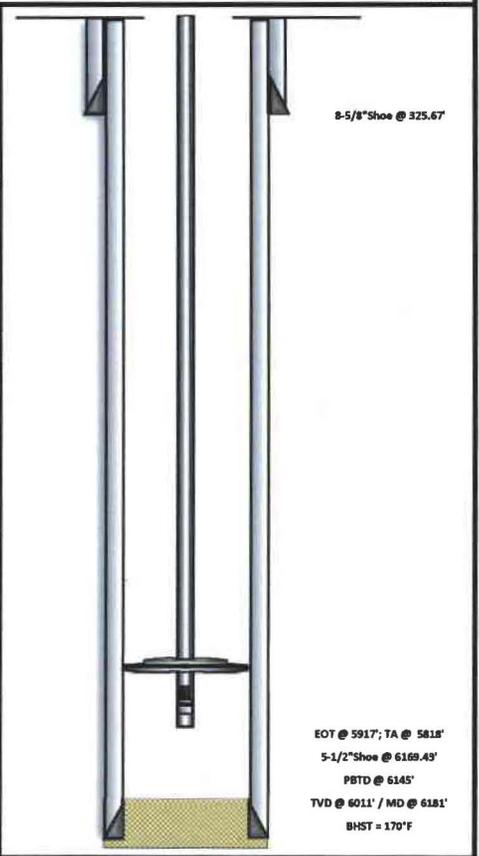


## GMBU P-24-9-15

Monument Butte - Duchesne County, Utah, USA  
 Surface Legal Location: NE/SE Section 24, T9S, R15E; 2038' FSL & 692' FEL  
 Elevation: 5000' GL + 10' KB  
 API Number: 43-013-51590; Lease Number: UTU-02458

Paul Lembeck  
 PFM 3/28/2014  
 Spud Date: 3/28/2013  
 PoP Date: 5/10/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	326'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12,250
Prod	10'	6,169'	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'	5,917'	BEUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,818'		
ROD DETAIL	Component	Top	Bottom	Size	Grade	Length	Count	Pump					
	Polish Rod	0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5,844'					
	Pony Rod	30'	32'	7/8"	C(API)	2	1						
	Pony Rod	32'	36'	7/8"	C(API)	4	1						
	Pony Rod	36'	44'	7/8"	C(API)	8	1						
	4per Guided Rod	44'	2,094'	7/8"	Tenaris D78	2050	82						
	4per Guided Rod	2,094'	5,094'	3/4"	Tenaris D78	3000	120						
8per Guided Rod	5,094'	5,844'	7/8"	Tenaris D78	750	30							
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
3	0'	0'	2	-	-	Formation:	B2	B1	B-Half				
	0'	0'	2	-	-	20/40 White:	45,233 lbs	15% HCl:	0 gals				
	0'	0'	2	-	-	Pad:	1,966 gals	Treating Fluid:	11,281 gals				
	4,914'	4,916'	2	0.34	5/3/2013	Flush:	4,889 gals	Load to Recover:	19,017 gals				
	4,940'	4,943'	2	0.34	5/3/2013	ISIP=	0.790 psi/ft	Max STP:	2,968 psi				
	4,962'	4,964'	2	0.34	5/3/2013								
2	0'	0'	3	-	-	Formation:	CP1						
	0'	0'	3	-	-	20/40 White:	50,252 lbs	15% HCl:	1,098 gals				
	0'	0'	3	-	-	Pad:	1,193 gals	Treating Fluid:	11,838 gals				
	0'	0'	3	-	-	Flush:	5,519 gals	Load to Recover:	19,588 gals				
	0'	0'	3	-	-	ISIP=	0.738 psi/ft	Max STP:	3,054 psi				
	5,616'	5,618'	3	0.34	5/3/2013								
1	0'	0'	3	-	-	Formation:	CP4						
	0'	0'	3	-	-	20/40 White:	48,528 lbs	15% HCl:	1,521 gals				
	0'	0'	3	-	-	Pad:	1,411 gals	Treating Fluid:	11,370 gals				
	0'	0'	3	-	-	Flush:	5,876 gals	Load to Recover:	20,177 gals				
	0'	0'	3	-	-	ISIP=	0.769 psi/ft	Max STP:	3,358 psi				
	5,832'	5,834'	3	0.34	5/1/2013								
5,845'	5,848'	3	0.34	5/1/2013									



CEMENT	Surf	On 3/29/13 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 4 bbls to the pit.											
	Prod	On 4/18/13 Baker pumped 220 sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 28 bbls to the pit. TOC @ 48'.											



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 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
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## Water Analysis Report

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

Sample ID: **WA-53130**

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
Resitivity (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):	-

### Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	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:**

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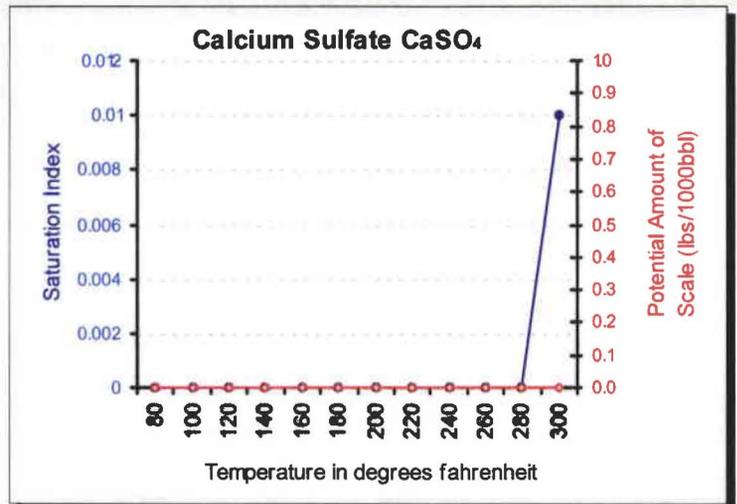
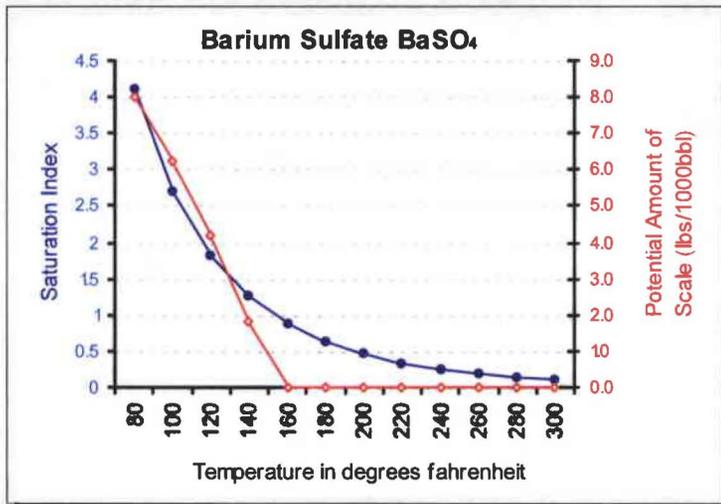
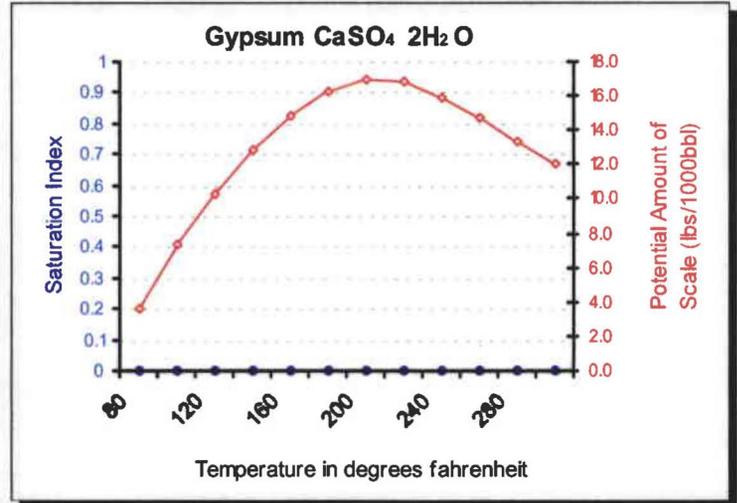
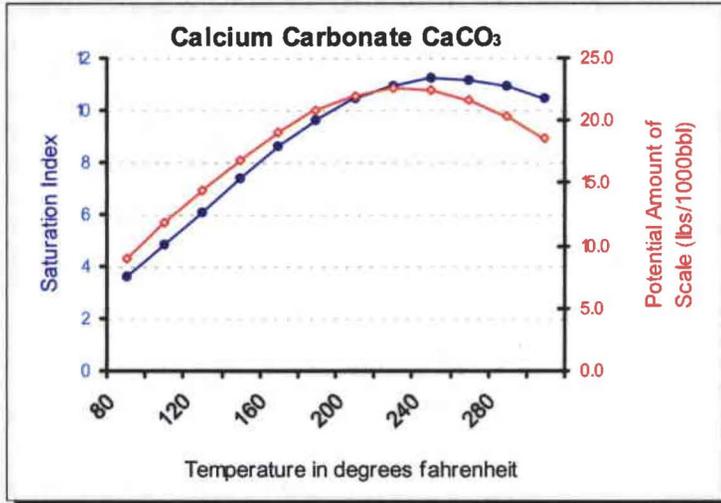
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### Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**



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### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Ashley Federal 16-23-9-15**  
Sample Point: **Treater**  
Sample Date: **5 /16/2011**  
Sales Rep: **Darren Betts**  
Lab Tech: **John Keel**

Sample ID: **WA-58629**

Sample Specifics	
Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0100
pH:	7.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	16270
Molar Conductivity (µS/cm):	24652
Resitivity (Mohm):	0.4056

Analysis @ Properties in Sample Specifics				
Cations		mg/L	Anions	mg/L
Calcium (Ca):		7.40	Chloride (Cl):	9000.00
Magnesium (Mg):		7.00	Sulfate (SO <sub>4</sub> ):	5.00
Barium (Ba):		9.40	Dissolved CO <sub>2</sub> :	99.00
Strontium (Sr):		-	Bicarbonate (HCO <sub>3</sub> ):	976.00
Sodium (Na):		6154.00	Carbonate (CO <sub>3</sub> ):	-
Potassium (K):		-	H <sub>2</sub> S:	10.00
Iron (Fe):		2.30	Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):		0.30	Silica (SiO <sub>2</sub> ):	-
Lithium (Li):		-	Fluoride (F):	-
Aluminum (Al):		-	Nitrate (NO <sub>3</sub> ):	-
Ammonia NH <sub>3</sub> :		-	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> psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
Temp °F	Gauge Press. psi											
70		0.07	-14.57	0.00	-2811.90	0.00	-3225.00	-	-	2.47	4.64	2.23
80	0	0.09	-13.54	0.00	-2840.20	0.00	-3180.60	-	-	1.95	3.63	0.70
100	0	0.12	-11.72	0.00	-2865.40	0.00	-2999.80	-	-	1.31	1.61	0.93
120	0	0.17	-10.17	0.00	-2667.50	0.00	-2730.50	-	-	0.93	-0.45	1.09
140	0	0.21	-8.80	0.00	-2468.10	0.00	-2411.10	-	-	0.67	-2.75	1.27
160	0	0.27	-7.60	0.00	-2304.10	0.00	-2074.60	-	-	0.49	-5.32	1.49
180	0	0.33	-6.53	0.00	-2169.30	0.00	-1746.10	-	-	0.37	-8.19	1.70
200	0	0.39	-5.60	0.00	-2058.70	0.00	-1442.20	-	-	0.27	-11.38	1.78
220	2.51	0.45	-4.94	0.00	-1992.70	0.00	-1186.60	-	-	0.20	-15.27	1.86
240	10.3	0.50	-4.32	0.00	-1922.10	0.00	-952.81	-	-	0.15	-19.34	1.95
260	20.76	0.54	-3.87	0.00	-1866.50	0.00	-756.02	-	-	0.12	-23.88	2.04
280	34.54	0.56	-3.60	0.00	-1824.50	0.00	-593.81	-	-	0.09	-28.96	2.13
300	52.34	0.57	-3.52	0.00	-1795.00	0.00	-462.35	-	-	0.07	-34.66	2.23

**Conclusions:**

Calcium Carbonate Scaling Index is negative 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:**

P=2

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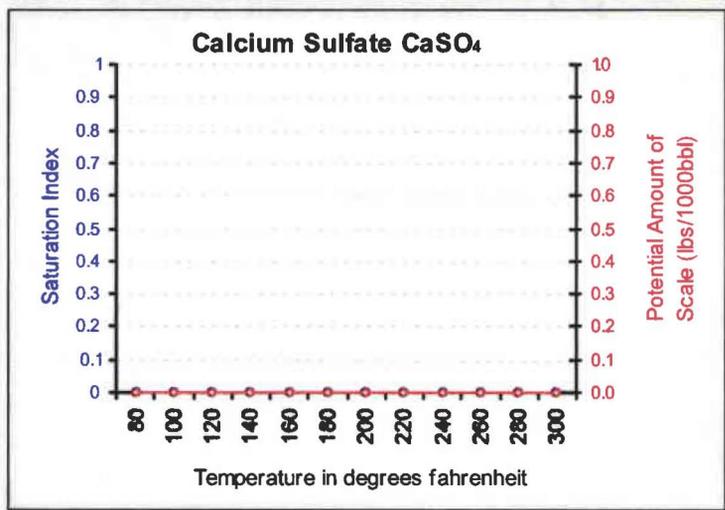
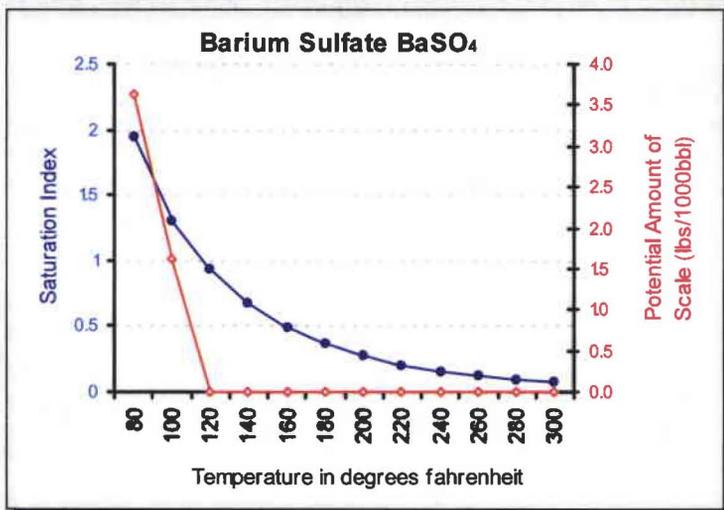
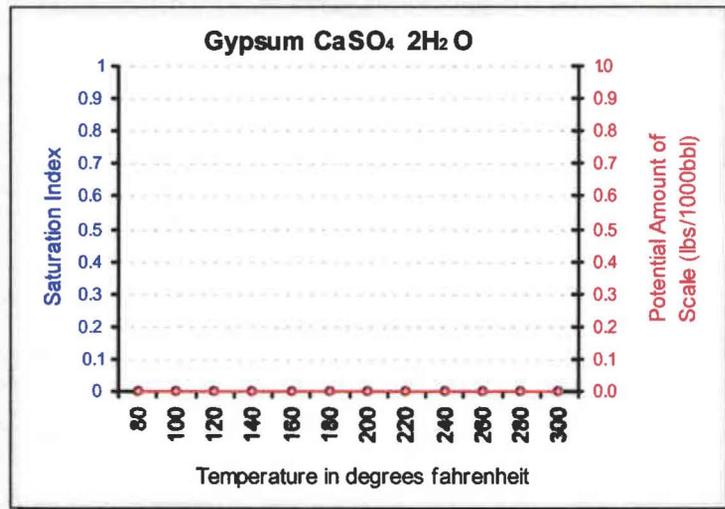
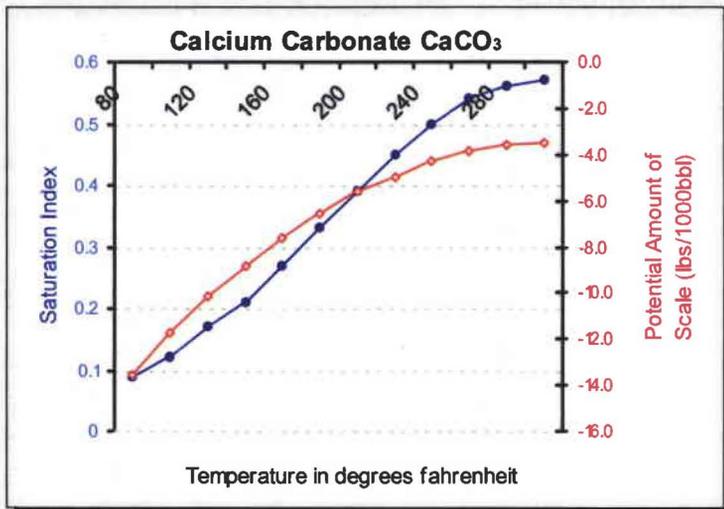
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### Scale Prediction Graphs

Well Name: Ashley Federal 16-23-9-15

Sample ID: WA-58629



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**Attachment "G"**

**Ashley Federal #16-23-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5655	5695	5675	2150	0.81	2113
5392	5498	5445	2000	0.80	1965
5144	5157	5151	2060	0.83	2027
4711	4915	4813	1770	0.81	1739
4614	4624	4619	1660	0.79	1630
				<b>Minimum</b>	<u>1630</u> ←

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

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

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

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DAILY COMPLETION REPORT

WELL NAME: Ashley Fed 16-23-9-15 Report Date: 3-25-05 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBTD: 5839'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes entries for CP4 sds at 5655-5664' and 5676-5695'.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-Mar-05 SITP: SICIP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Patterson WLT w/ mast & run CBL under pressure. WLTD @ 5839' & cement top @ 175'. Perforate stage #1, CP4 sds @ 5676-5695' & 5655-5664' w/ 4" Port guns (19 gram, .41"HE. 90 ) w/ 4 spf for tota of 112 shots. 140 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 140 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

Table listing costs: Weatherford BOP (\$130), NPC NU crew (\$300), NDSI trucking (\$1,400), Patterson WLT (\$6,830), Drilling cost (\$256,640), D&M Hot Oil (\$530), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$950), Admin. Overhead (\$3,000), NPC Supervisor (\$300).

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Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:
Completion Supervisor: Ron Shuck

DAILY COST: \$271,880
TOTAL WELL COST: \$271,880





DAILY COMPLETION REPORT

WELL NAME: Ashley Fed 16-23-9-15 Report Date: 4-8-05 Day: 02b  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBTD: 5839'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5550'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5392-5395'	4/12
			LODC sds	5402-5405'	4/2
			LODC sds	5413-5420'	4/28
			CP1 sds	5470-5486'	4/64
			CP1 sds	5492-5498'	4/24
			CP4 sds	5655-5664'	4/36
			CP4 sds	5676-5695'	4/76
LODC sds	5377-5381'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 07-Apr-05 SITP: 1735 SICIP: 1735

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through frac plug & 6' perf gun Set plug @ 5550'. Perforate CP1 sds @ 5492-98', 5470-86', LODC sds @ 5413-20', 5402-05', 5392-95', 5377-81' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90 ) w/ 4 spf for total of 156 shots. RU BJ & frac stage #2 w/ 149,552#'s of 20/40 sand in 1025 bbls Lightning 17 frac fluid. Open well w/ 1735 psi on casing. Perfs broke down @ 2670 psi, back to 1860 psi. Treated @ ave pressure of 1685 w/ ave rate of 24.3 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flust for next stage. ISIP was 2000. 1730 bbls EWTR. Leave pressure on well. See day2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 705 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 1025 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1730 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 & CP1 sds down casing

COSTS

Weatherford BOP	\$50
Weatherford Services	\$2,200
Betts frac water	\$1,630
NPC fuel gas	\$290
D&M Hot Oil	\$280
LCL propane	\$220
BJ Services LODC sd	\$29,330
NPC Supervisor	\$100
Lone Wolf LODC sds	\$4,900

11298 gals of pad

7375 gals w/ 1-5 ppg of 20/40 sand

14750 gals w/ 5-8 ppg of 20/40 sand

4251 gals w/ 8 ppg of 20/40 sand

Flush w/ 5376 gals of slick water

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

Max TP: 2040 Max Rate: 24.3 Total fluid pmpd: 1025 bbls  
 Avg TP: 1685 Avg Rate: 24.3 Total Prop pmpd: 149,552#'s  
 ISIP: 2000 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .80  
 Completion Supervisor: Ron Shuck/Orson

DAILY COST: \$39,000  
 TOTAL WELL COST: \$336,620



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Fed 16-23-9-15 **Report Date:** 4-8-05 **Day:** 02c  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 309' **Prod Csg:** 5-1/2" @ 5886' **Csg PBTD:** 5839'WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5020'  
**Plug 5550' 5250'**

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4711-4718'	4/28	LODC sds	5392-5395'	4/12
B.5 sds	4772-4776'	4/16	LODC sds	5402-5405'	4/2
B2 sds	4829-4834'	4/20	LODC sds	5413-5420'	4/28
A5 sds	4904-4907'	4/12	CP1 sds	5470-5486'	4/64
A5 sds	4912-4915'	4/12	CP1 sds	5492-5498'	4/24
LODC sds	5144-5157'	4/52	CP4 sds	5655-5664'	4/36
LODC sds	5377-5381'	4/16	CP4 sds	5676-5695'	4/76

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 07-Apr-05 **SITP:** \_\_\_\_\_ **SICP:** 1580

Day2c.

RU WLT. RIH w/ frac plug & 13' perf gun. Set plug @ 5250'. Perforate LODC sds @ 5144-5157' w/ 4 spf for total of 52 shots. BJ pump broke down. RU BJ & frac stage #3 w/ 49,887#'s of 20/40 sand in 430 bbls Lightning 17 frac fluid Open well w/ 1580 psi on casing. Perfs broke down @ 1650 psi, back to 1650 psi then climbed. Treated @ ave pressure of 2253 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2060. 2160 bbls EWTR. Leave pressure on well. RIH w/ frac plug & 3', 3', 5' perf guns. Set plug @ 5020'. Perforate A5 sds @ 4912-15', 4904-07' & 4829-34', B.5 sds @ 4772-76' & C sds 4711-18' w/ 4 spf for total of 88 shots. SIFN.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 1730 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 430 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2160 **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	\$40
Weatherford Services	\$2,200
Betts frac water	\$560
NPC fuel gas	\$100
D&M Hot Oil	\$100
LCL propane	\$80
BJ Services LODC sd	\$12,780
NPC Supervisor	\$100
Lone Wolf LODC sds	\$4,900

3822 gals of pad  
 2625 gals w/ 1-5 ppg of 20/40 sand  
 5250 gals w/ 5-8 ppg of 20/40 sand  
 1239 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 5124 gals of slick water

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

**Max TP:** 2570 **Max Rate:** 24.9 **Total fluid pmpd:** 430 bbls  
**Avg TP:** 2253 **Avg Rate:** 24.7 **Total Prop pmpd:** 49,887#'s  
**ISIP:** 2060 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .83  
**Completion Supervisor:** Ron Shuck/Orson

**DAILY COST:** \$20,860  
**TOTAL WELL COST:** \$357,480



DAILY COMPLETION REPORT

WELL NAME: Ashley Fed 16-23-9-15 Report Date: 4-9-05 Day: 03a  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBD: 5839'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBD: 5020'  
 Plug 5550' 5250'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4711-4718'	4/28	LODC sds	5392-5395'	4/12
B.5 sds	4772-4776'	4/16	LODC sds	5402-5405'	4/2
B2 sds	4829-4834'	4/20	LODC sds	5413-5420'	4/28
A5 sds	4904-4907'	4/12	CP1 sds	5470-5486'	4/64
A5 sds	4912-4915'	4/12	CP1 sds	5492-5498'	4/24
LODC sds	5144-5157'	4/52	CP4 sds	5655-5664'	4/36
LODC sds	5377-5381'	4/16	CP4 sds	5676-5695'	4/76

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Apr-05 SITP: SICP: 1150

Day3a.

RU BJ & frac stage #4 w/ 74,587#'s of 20/40 sand in 571 bbls Lightning 17 frac fluid. Open well w/ 1150 psi or casing. Perfs broke down @ 2700 psi, back to 1363 psi. Treated @ ave pressure of 1490 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 1770. 2731 bbls EWTR. Leave pressure or well. See day3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2160 Starting oil rec to date:  
 Fluid lost/recovered today: 571 Oil lost/recovered today:  
 Ending fluid to be recovered: 2731 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: A5, B2, B.5, C sds down casing

COSTS

Weatherford BOP	\$70
Weatherford Services	\$2,550
Betts frac water	\$830
NPC fuel gas	\$150
D&M Hot Oil	\$140
LCL propane	\$110
BJ Services A,B,C sd	\$17,100
NPC Supervisor	\$150
Lone Wolf A,B,C sds	\$4,900

5796 gals of pad  
 3944 gals w/ 1-5 ppg of 20/40 sand  
 7872 gals w/ 5-8 ppg of 20/40 sand  
 1624 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 4746 gals of slick water

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

Max TP: 1790 Max Rate: 25.1 Total fluid pmpd: 571 bbls  
 Avg TP: 1490 Avg Rate: 24.7 Total Prop pmpd: 74,587#'s  
 ISIP: 1770 5 min: 10 min: FG: .80  
 Completion Supervisor: Ron Shuck

DAILY COST: \$26,000  
 TOTAL WELL COST: \$383,480



DAILY COMPLETION REPORT

WELL NAME: Ashley Fed 16-23-9-15 Report Date: 4-9-05 Day: 03b  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBDT: 5839'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT: 4660'  
 Plug 5550' 5250' 5020'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4614-4624'	4/40	LODC sds	5392-5395'	4/12
C sds	4711-4718'	4/28	LODC sds	5402-5405'	4/2
B.5 sds	4772-4776'	4/16	LODC sds	5413-5420'	4/28
B2 sds	4829-4834'	4/20	CP1 sds	5470-5486'	4/64
A5 sds	4904-4907'	4/12	CP1 sds	5492-5498'	4/24
A5 sds	4912-4915'	4/12	CP4 sds	5655-5664'	4/36
LODC sds	5144-5157'	4/52	CP4 sds	5676-5695'	4/76
LODC sds	5377-5381'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Apr-05 SITP: SICP: 1390

Day3b.

RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4660'. Perforate D2 sds @ 4614-4624' w/ 4 spf for total of 4C shots. RU BJ & frac stage #5 w/ 11,246#'s of 20/40 sand in 210 bbls Lightning 17 frac fluid. Open well w/ 1390 psi or casing. Perfs broke down @ 4220 psi, back to 2800 psi. Treated @ ave pressure of 1648 w/ ave rate of 24.9 bpm w/ up to 8 ppg of sand. ISIP was 1660. 2370 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1500 psi w/ 12/64 choke. Well flowed for 1.5 hours & died w/ 90 bbls rec'd (4% of frac). SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2731 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 120 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2851 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: D2 sds down casing

COSTS

Weatherford BOP	\$60
Weatherford Services	\$2,550
Betts frac water	\$200
NPC fuel gas	\$35
D&M Hot Oil	\$40
LCL propane	\$30
BJ Services D2 sd	\$7,560
NPC Supervisor	\$150
Lone Wolf D2 sds	\$4,730
Betts water transfer	\$400
RNI water disp.	\$500
Tiger trucking	\$500

1932 gals of pad  
 1250 gals w/ 1-5 ppg of 20/40 sand  
 1102 gals w/ 5-8 ppg of 20/40 sand  
 Flush w/ 4536 gals of slick water

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Max TP: 1690 Max Rate: 25.1 Total fluid pmpd: 210 bbls  
 Avg TP: 1648 Avg Rate: 24.9 Total Prop pmpd: 11,246#'s  
 ISIP: 1660 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .79  
 Completion Supervisor: Ron Shuck/Orson

DAILY COST: \$16,755  
 TOTAL WELL COST: \$400,235



DAILY COMPLETION REPORT

WELL NAME: Ashley Fed 16-23-9-15 Report Date: April 10, 2005 Day: 04  
 Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBDT: 5839'WL  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3128' BP/Sand PBDT: 4660'  
 Plug 5550' 5250' 5020'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4614-4624'	4/40	LODC sds	5392-5395'	4/12
C sds	4711-4718'	4/28	LODC sds	5402-5405'	4/2
B.5 sds	4772-4776'	4/16	LODC sds	5413-5420'	4/28
B2 sds	4829-4834'	4/20	CP1 sds	5470-5486'	4/64
A5 sds	4904-4907'	4/12	CP1 sds	5492-5498'	4/24
A5 sds	4912-4915'	4/12	CP4 sds	5655-5664'	4/36
LODC sds	5144-5157'	4/52	CP4 sds	5676-5695'	4/76
LODC sds	5377-5381'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 9, 2005 SITP: \_\_\_\_\_ SICP: 100

MIRU Western #2. Bleed pressure off well. Rec est 10 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Graco Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bi sub & new Volg 2 7/8 8rd 6.5# J-55 tbg to 3128'. RU pump and lines & rev circ hole clean. SIFN W/ est 2841 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 2851 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 10 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2841 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

Western #2 rig	\$1,873
Weatherford BOP	\$140
Graco BOP	\$155
Tiger trucking	\$800
NDSI trucking	\$1,300
NPC trucking	\$300
NPC wtr & truck	\$400
Aztec - new J55 tbg	\$30,038
Tiger tks (8 days)	\$640
NPC sfc equipment	\$120,000
R & T Labor/welding	\$13,600
Mt. West sanitation	\$400
NPC supervision	\$300
<b>DAILY COST:</b>	<b>\$169,946</b>
<b>TOTAL WELL COST:</b>	<b>\$570,181</b>

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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 Fed 16-23-9-15

Report Date: April 12, 2005

Day: 05

Operation: Completion

Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 309' Prod Csg: 5-1/2" @ 5886' Csg PBDT: 5886'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5845' BP/Sand PBDT: 5886'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Lists perforation data for various zones like D2 sds, C sds, B.5 sds, B2 sds, A5 sds, and LODC sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 11, 2005

SITP: 0 SICP: 0

Con't PU & TIH W/ "chomp" bit & tbg f/ 3128'. Tag fill @ 4577'. Tbg displaced 11 BW on TIH. RU power swivel C/O sd & drill out composite bridge plugs (using conventional circulation) as follows: sd @ 4577', plug @ 4660' in 23 minutes; sd @ 4897', plug @ 5020' in 26 minutes; no sd, plug @ 5250' in 28 minutes; sd @ 5419', plug @ 5550' in 25 minutes. Con't swivelling jts in hole. Tag fill @ 5643'. Drill plug remains in 13 minutes, then C/O sd to PBDT @ 5886' Circ hole clean. Lost est 230 BW during cleanout. RD swivel. Pull EOT to 5845'. SIFN W/ est 3060 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 2841 Starting oil rec to date:
Fluid lost/recovered today: 219 Oil lost/recovered today:
Ending fluid to be recovered: 3060 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

Table with 2 columns: Item, Cost. Lists costs for Western #2 rig, Graco BOP, Graco swivel, Monks pit reclaim, NPC location cleanup, RNI wtr disposal, CDI TA, CDI SN, NPC supervision.

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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: \$10,765
TOTAL WELL COST: \$580,946



9/2/10

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Fed 16-23-9-15      **Report Date:** April 13, 2005      **Day:** 06  
**Operation:** Completion      **Rig:** Western #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 309'      **Prod Csg:** 5-1/2" @ 5886'      **Csg PBDT:** 5886'  
**Tbg:** Size: 2 7/8      Wt: 6.5#      **Grd:** J-55      **Anchor @:** 5632'      **BP/Sand PBDT:** 5886'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4614-4624'	4/40	LODC sds	5392-5395'	4/12
C sds	4711-4718'	4/28	LODC sds	5402-5405'	4/2
B.5 sds	4772-4776'	4/16	LODC sds	5413-5420'	4/28
B2 sds	4829-4834'	4/20	CP1 sds	5470-5486'	4/64
A5 sds	4904-4907'	4/12	CP1 sds	5492-5498'	4/24
A5 sds	4912-4915'	4/12	CP4 sds	5655-5664'	4/36
LODC sds	5144-5157'	4/52	CP4 sds	5676-5695'	4/76
LODC sds	5377-5381'	4/16			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** April 12, 2005      **SITP:** 0      **SICP:** 0

RU swab equipment. IFL @ sfc. Made 15 swab runs rec 138 BTF (est 135 BW & 3 BO) W/ fair gas & no sand al day. FFL @ 1500'. FOC @ 3%. TIH W/ tbg. Tag PBDT @ 5886' (no new fill). Circ hole W/ clean wtr. Lost est 125 BW & rec 10 add'l BO. LD excess tbg. TOH W/ tbg-LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 180 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5632' W/ SN @ 5697' & EOT @ 5761'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" & "B" grade rod string to 1200'. PU polished rod & SIFN W/ est 3050 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 3060      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 10      **Oil lost/recovered today:** 13  
**Ending fluid to be recovered:** 3050      **Cum oil recovered:** 13  
**IFL:** sfc      **FFL:** 1500'      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** 3%

### STIMULATION DETAIL

**Base Fluid used:** \_\_\_\_\_      **Job Type:** \_\_\_\_\_  
**Company:** \_\_\_\_\_  
**Procedure or Equipment detail:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### COSTS

Western #2 rig	\$3,638
Graco BOP	\$155
NPC supervision	\$300

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**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:** \$4,093  
**TOTAL WELL COST:** \$585,039



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Fed 16-23-9-15      **Report Date:** April 14, 2005      **Day:** 07  
**Operation:** Completion      **Rig:** Western #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 309'      **Prod Csg:** 5-1/2" @ 5886'      **Csg PBDT:** 5886'  
**Tbg:** Size: 2 7/8 Wt: 6.5#      **Grd:** J-55 Anchor @: 5632'      **BP/Sand PBDT:** 5886'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4614-4624'	4/40	LODC sds	5392-5395'	4/12
C sds	4711-4718'	4/28	LODC sds	5402-5405'	4/2
B.5 sds	4772-4776'	4/16	LODC sds	5413-5420'	4/28
B2 sds	4829-4834'	4/20	CP1 sds	5470-5486'	4/64
A5 sds	4904-4907'	4/12	CP1 sds	5492-5498'	4/24
A5 sds	4912-4915'	4/12	CP4 sds	5655-5664'	4/36
LODC sds	5144-5157'	4/52	CP4 sds	5676-5695'	4/76
LODC sds	5377-5381'	4/16			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** April 13, 2005      **SITP:** 0      **SICP:** 0

Con't PU & TIH W/ pump and "A" & "B" grade rod string f/ 1200' (complete as follows): new CDI 2 1/2" X 1 1/2" X 15 RHAC pump, 6-1 1/2" weight rods ("B" grade), 10-3/4" scraped rods ("B" grade), 112-3/4" plain rods ("B" grade), 99-3/4" scraped rods ("A" grade), 1-4' X 3/4" pony rod ("A" grade) and 1 1/2" X 22' polished rod ("B" grade). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 3051 BWTR.

**Place well on production @ 11:00 AM 4/13/2005 W/ 86" SL @ 5 SPM.**  
**FINAL REPORT!!**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 3050      **Starting oil rec to date:** 13  
**Fluid lost/recovered today:** 1      **Oil lost/recovered today:** 0  
**Ending fluid to be recovered:** 3051      **Cum oil recovered:** 13  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

#### TUBING DETAIL

#### ROD DETAIL

#### COSTS

		Western #2 rig	\$1,253
KB 12.00'	1 1/2" X 22' polished rod	Zubiate HO trk	\$450
180 2 7/8 J-55 tbg (5620.29')	1-4' X 3/4" pony rod	CDI rod pump	\$1,300
TA (2.80' @ 5632.29' KB)	99-3/4" scraped rods	A & B grade rod string	\$10,082
2 2 7/8 J-55 tbg (61.96')	112-3/4" plain rods	NPC frac tks(6X6 dys)	\$1,440
SN (1.10' @ 5697.05' KB)	10-3/4" scraped rods	NPC swb tk (4 days)	\$160
2 2 7/8 J-55 tbg (62.40')	6-1 1/2" weight rods	NPC frac head	\$500
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	Flowback equipment	\$1,000
EOT 5761.00' W/ 12' KB	RHAC pump W/ SM plunger	Tiger FB tk (8 dys)	\$320
		NPC supervision	\$300

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Completion supervisor: Gary Dietz

**DAILY COST:** \$16,805  
**TOTAL WELL COST:** \$601,844

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4564'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 178' 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 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 41 sx Class "G" cement down 5 ½" casing to 359'

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

Ashley Federal #16-23-9-15

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## Ashley Federal 16-23-9-15

Spud Date: 2-11-05  
Put on Production: 4-13-05

GL: 6354' KB: 6366'

### SURFACE CASING

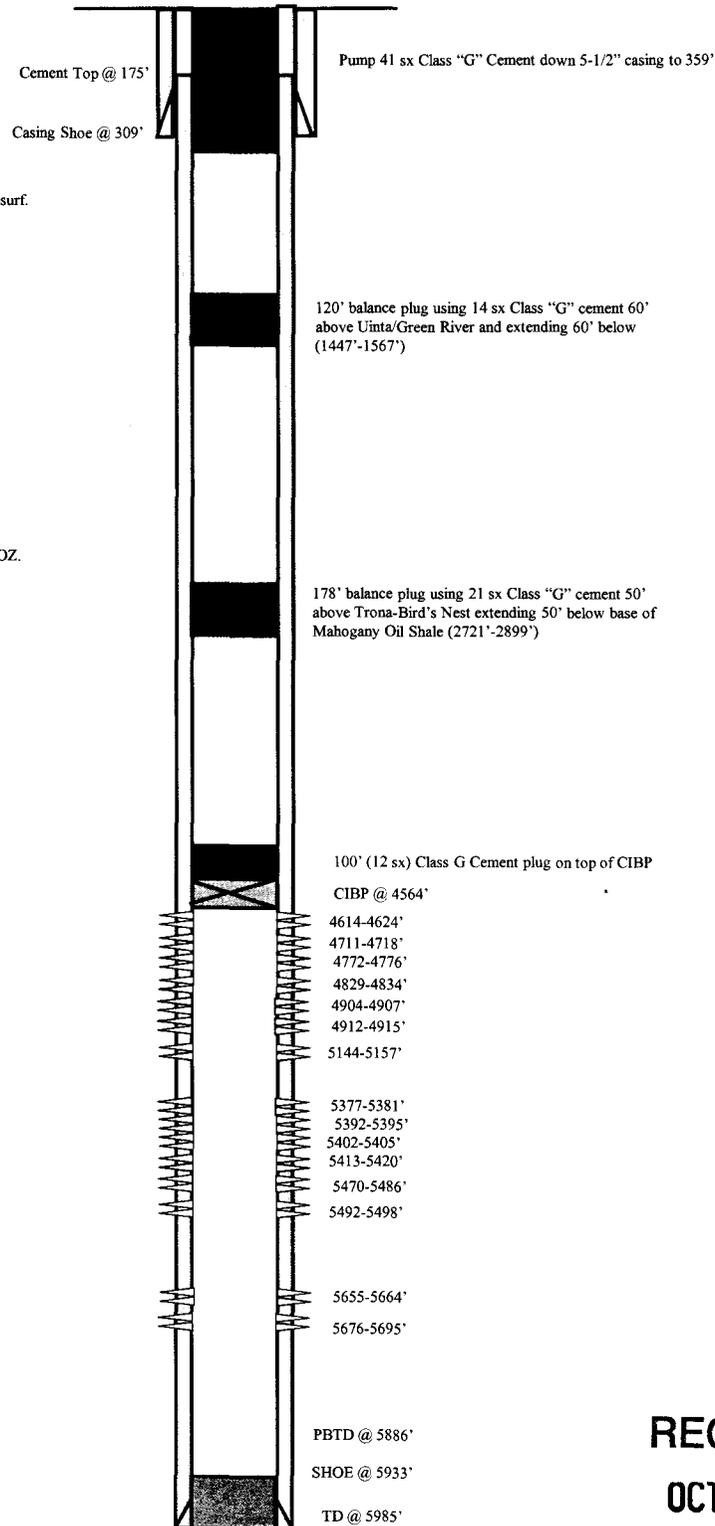
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.19')  
DEPTH LANDED: 309.09' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5919.73')  
DEPTH LANDED: 5932.98' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 383 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 175'

Initial Production: 43 BOPD,  
10 MCFD, 352 BWPD

### Proposed P & A Wellbore Diagram



**NEWFIELD**

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Ashley Federal 16-23-9-15  
545' FSL & 565' FEL  
SE/SE Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32425; Lease #UTU-19222

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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)  
 545 FSL 565 FEL  
 SESE Section 23 T9S R15E

5. Lease Serial No.  
 USA UTU-019222

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL 16-23-9-15

9. API Well No.  
 4301332425

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

11. County or Parish, State  
 DUCHESNE, UT

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

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

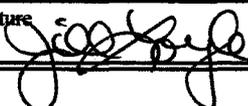
Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

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

Signature: 

Title: Regulatory Technician

Date: 10/21/2011

**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

43-013-32425

Well Name: Ashley 16-23-9-15

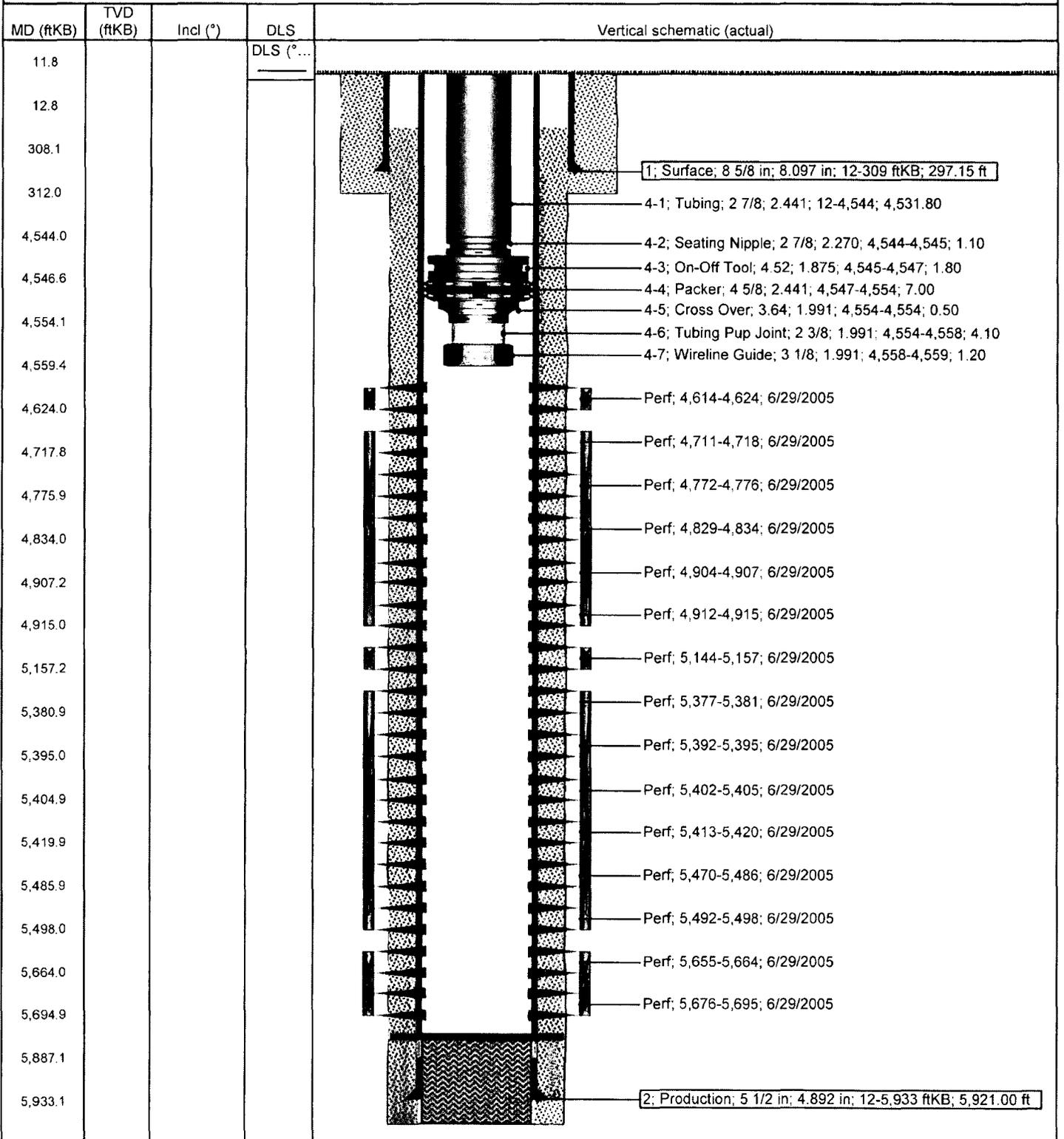
Surface Legal Location 23-9S-15E			API/JWI 43013324250000	Well RC 500151596	Lease	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date	Rig Release Date	On Production Date 4/13/2005	Original KB Elevation (ft) 6,366	Ground Elevation (ft) 6,354	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 5,886.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 2/7/2014	Job End Date 2/11/2014
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TD: 5,942.0

Vertical - Original Hole, 3/24/2016 10:56:41 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Ashley 16-23-9-15

Surface Legal Location 23-9S-15E				API/UWI 43013324250000		Lease		
County Duchesne		State/Province Utah		Basin Uintah Basin		Field Name GMBU CTB3		
Well Start Date 2/11/2005		Spud Date		Final Rig Release Date		On Production Date 4/13/2005		
Original KB Elevation (ft) 6,366	Ground Elevation (ft) 6,354	Total Depth (ftKB) 5,942.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,886.5		
<b>Casing Strings</b>								
Csg Des		Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)	
Surface		2/18/2008	8 5/8	8.097	24.00	J-55	309	
Production		3/18/2005	5 1/2	4.950	15.50	J-55	5,933	
<b>Cement</b>								
<b>String: Surface, 309ftKB 2/18/2005</b>								
Cementing Company BJ Services Company				Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 309.1	Full Return?	Vol Cement Ret (bbl)	
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield				Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0	
<b>String: Production, 5,933ftKB 3/18/2005</b>								
Cementing Company BJ Services Company				Top Depth (ftKB) 175.0	Bottom Depth (ftKB) 4,000.0	Full Return?	Vol Cement Ret (bbl)	
Fluid Description Premite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield				Fluid Type Lead	Amount (sacks) 383	Class PL II	Estimated Top (ftKB) 175.0	
<b>String: Production, 5,933ftKB 3/18/2005</b>								
Cementing Company BJ Services Company				Top Depth (ftKB) 4,000.0	Bottom Depth (ftKB) 5,942.0	Full Return?	Vol Cement Ret (bbl)	
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD				Fluid Type Tail	Amount (sacks) 4850 <i>450</i>	Class 50/50 Poz	Estimated Top (ftKB) 4,000.0	
Fluid Description				Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)	
<b>Tubing Strings</b>								
Tubing Description Tubing				Run Date 2/7/2014		Set Depth (ftKB) 4,559.5		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	143	2 7/8	2.441	6.50	J-55	4,531.80	12.0	4,543.8
Seating Nipple		2 7/8	2.270			1.10	4,543.8	4,544.9
On-Off Tool		4.515	1.875			1.80	4,544.9	4,546.7
Packer		4 5/8	2.441			7.00	4,546.7	4,553.7
Cross Over		3.635	1.991			0.50	4,553.7	4,554.2
Tubing Pup Joint		2 3/8	1.991			4.10	4,554.2	4,558.3
Wireline Guide		3 1/8	1.991			1.20	4,558.3	4,559.5
<b>Rod Strings</b>								
Rod Description				Run Date		Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
<b>Perforation Intervals</b>								
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date	
5	D2, Original Hole	4,614	4,624	4	90		6/29/2005	
4	C, Original Hole	4,711	4,718	4	90		6/29/2005	
4	B.5, Original Hole	4,772	4,776	4	90		6/29/2005	
4	B2, Original Hole	4,829	4,834	4	90		6/29/2005	
4	A5, Original Hole	4,904	4,907	4	90		6/29/2005	
4	A5, Original Hole	4,912	4,915	4	90		6/29/2005	
3	LODC, Original Hole	5,144	5,157	4	90		6/29/2005	
3	LODC, Original Hole	5,377	5,381	4	90		6/29/2005	
2	LODC, Original Hole	5,392	5,395	4	90		6/29/2005	
2	LODC, Original Hole	5,402	5,405	4	90		6/29/2005	
2	LODC, Original Hole	5,413	5,420	4	90		6/29/2005	
2	CP1, Original Hole	5,470	5,486	4	90		6/29/2005	
2	CP1, Original Hole	5,492	5,498	4	90		6/29/2005	
1	CP4, Original Hole	5,655	5,664	4	90		6/29/2005	
1	CP4, Original Hole	5,676	5,695	4	90		6/29/2005	



**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,150	0.81	24.8	2,045			
2	2,000	0.8	24.3	2,040			
3	2,060	0.83	24.9	2,570			
4	1,770	0.8	25.1	1,790			
5	1,660	0.79	25.1	1,690			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Sand Bulk Sand 70109 lb
2		Sand Bulk Sand 149552 lb
3		Sand Bulk Sand 49887 lb
4		Sand Bulk Sand 74587 lb
5		Sand Bulk Sand 11246 lb