

002



August 4, 2003

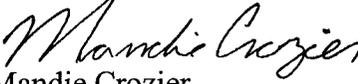
State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Mason  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 9-13-9-15, 10-13-9-15, 11-13-9-15, 12-13-9-15, 13-13-9-15, and 15-13-9-15.

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  
Regulatory Specialist

mc  
enclosures

RECEIVED  
AUG 05 2003  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.  
UTU-66184

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Ashley UTU73520A

8. Lease Name and Well No.  
Ashley Federal 10-13-9-15

9. API Well No.  
43-013-32458

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SE Sec. 13, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Inland Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NW/SE 1938' FSL 1967' FEL 443105 Y 40.02914  
At proposed prod. zone 570 189 X -110.17740

14. Distance in miles and direction from nearest town or post office\*  
Approximately 17.4 miles southwest of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 618' flse & 1967' f/unit  
Approximately 1418'

16. No. of Acres in lease  
1,360.57

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1418'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6115' GR

22. Approximate date work will start\*  
4th Quarter 2003

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

24. Attachments

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

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

25. Signature: *Mandie Crozier* Name (Printed/Typed): Mandie Crozier Date: 8/4/03  
Title: Regulatory Specialist

Approved by (Signature): *Bradley G. Hill* Name (Printed/Typed): BRADLEY G. HILL Date: 08-06-03  
Title: ENVIRONMENTAL SCIENTIST III

**Federal Approval of this Action is Necessary**

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

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

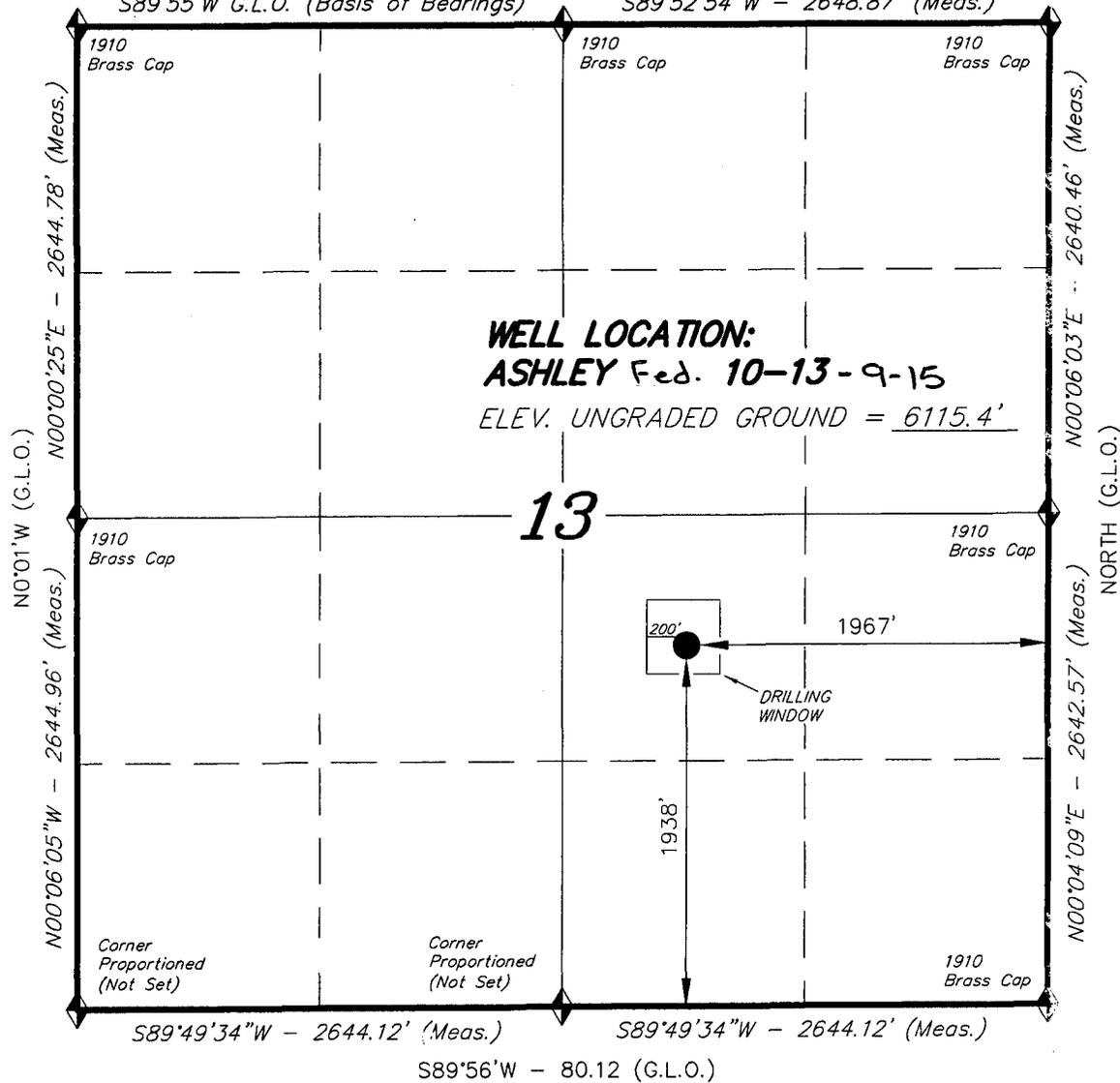
\*(Instructions on reverse)

RECEIVED  
AUG 05 2003  
DIV. OF OIL, GAS & MINING

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

S89°55'W - 80.16 (G.L.O.)

2651.57' (Measured)  
S89°55'W G.L.O. (Basis of Bearings)      S89°52'54"W - 2648.87' (Meas.)

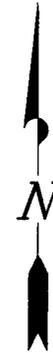


**WELL LOCATION:**  
**ASHLEY Fed. 10-13-9-15**  
ELEV. UNGRADED GROUND = 6115.4'

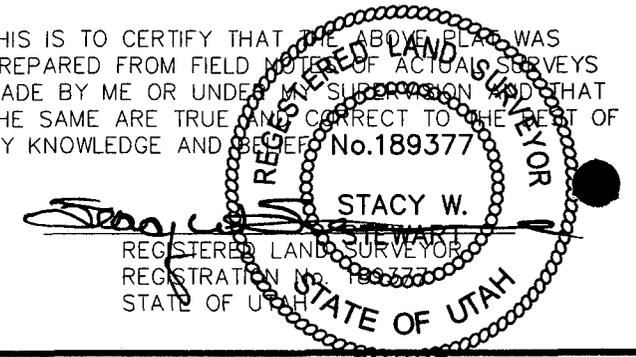
**13**

## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. 10-13-9-15  
LOCATED AS SHOWN IN THE NW 1/4 SE  
1/4 OF SECTION 13, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNER LOCATED

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

### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: K.G.S.

DATE: 6-27-03

DRAWN BY: R.V.C.

NOTES:

FILE #

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #10-13-9-15  
NW/SE SECTION 13, 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	6050'

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 #10-13-9-15  
NW/SE SECTION 13, 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 #10-13-9-15 located in the NW 1/4 SE 1/4 Section 13, 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 - 11.3 miles  $\pm$  to it's junction with an existing dirt road to the northwest; proceed northwesterly and then southwesterly - 3.1 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly along the proposed access road - 7,370'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

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

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

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached. MOAC Report #01-163, 5/23/02. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

Inland Production Company requests a 60' ROW for the Ashley Federal #10-13-9-15 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." For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Please refer to the Monument Butte Field SOP.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Needle and Thread Grass	<i>Stipa comata</i>	6 lbs/acre
Beardless bluebunch wheatgrass	<i>Agropyron spicatum var. inerme</i>	5 lbs/acre
Black sage	<i>Artemisia nova</i>	1 lb/acre

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

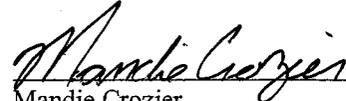
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #10-13-9-15 NW/SE Section 13, Township 9S, Range 15E: Lease UTU-66184 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the

operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/4/03

Date

  
Mandie Crozier  
Regulatory Specialist

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

Anne Raney  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 01-163

May 23, 2002

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

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

**INLAND RESOURCES, INC.**

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

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

**REPORT OF SURVEY**

Prepared for:

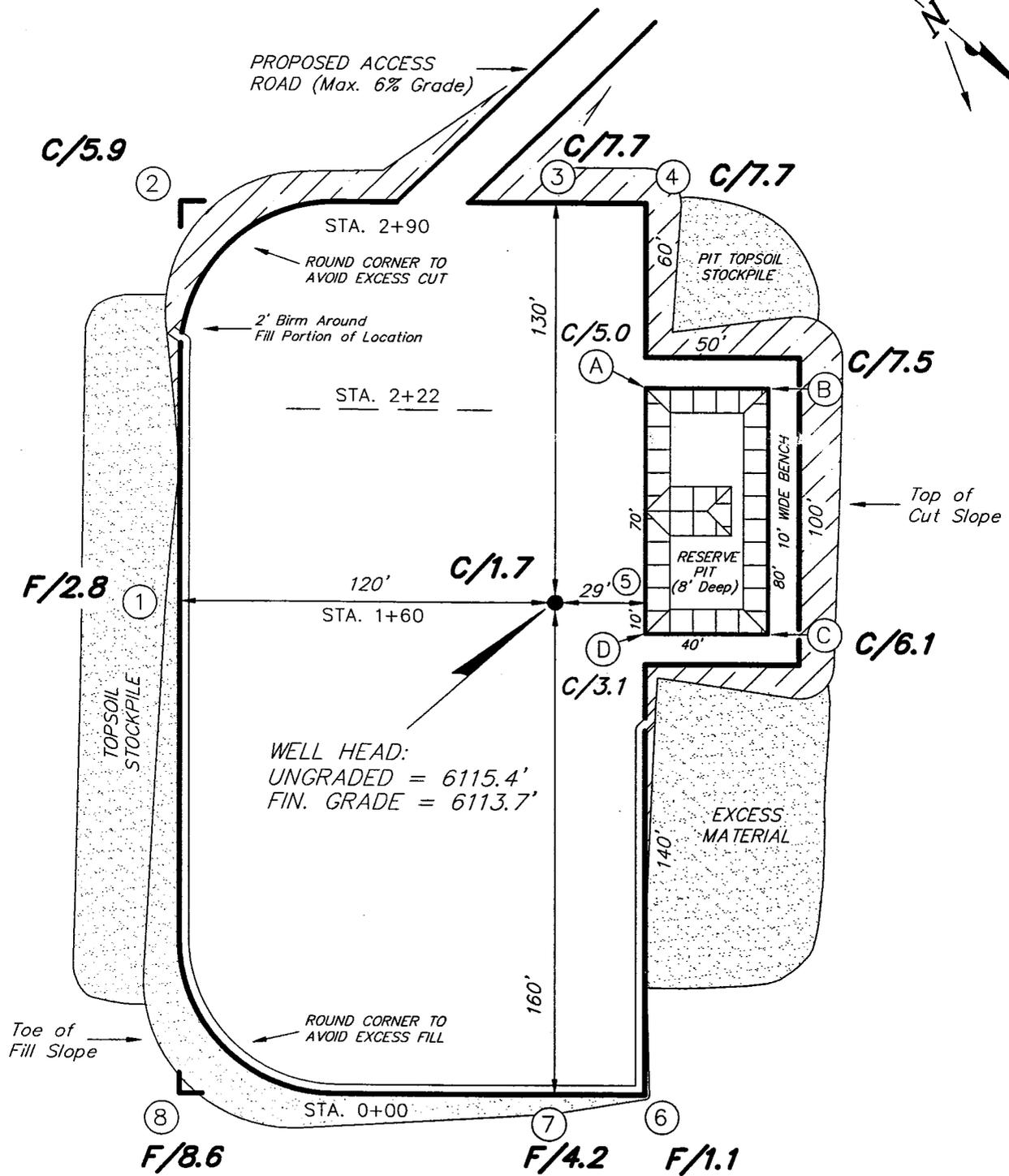
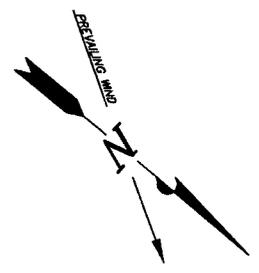
**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003

# INLAND PRODUCTION COMPANY

Ashley 10-13  
 Section 13, T9S, R15E, S.L.B.&M.



WELL HEAD:  
 UNGRADED = 6115.4'  
 FIN. GRADE = 6113.7'

REFERENCE POINTS	
210' NORTHEAST	= 6108.3'
260' NORTHEAST	= 6108.1'
170' SOUTHEAST	= 6109.3'
220' SOUTHEAST	= 6108.4'

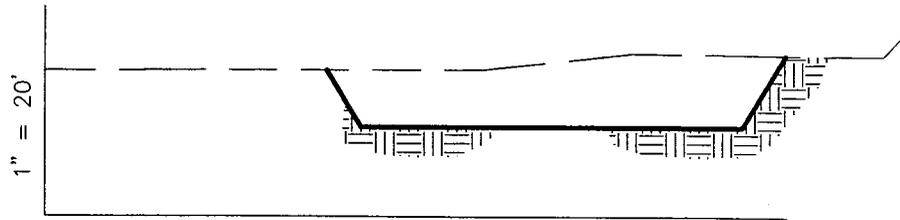
SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: R.V.C.	DATE: 6-27-03

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

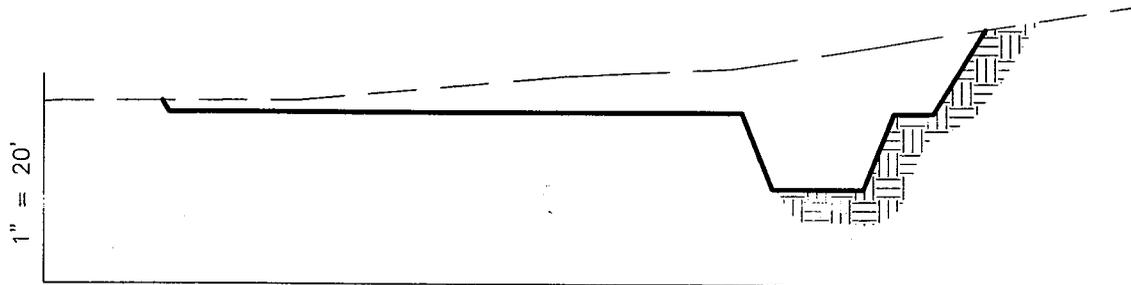
# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

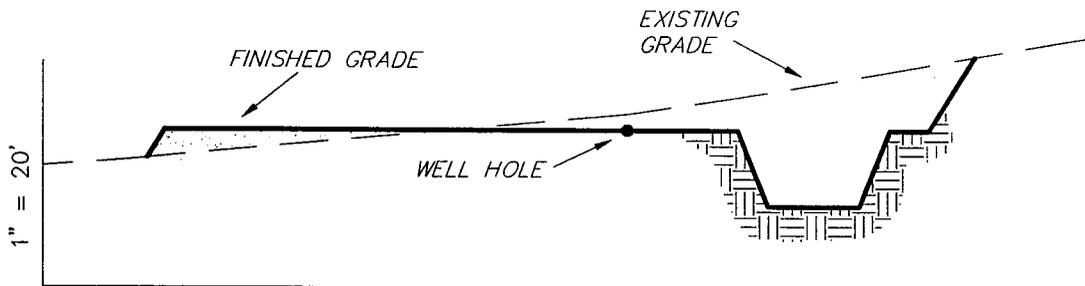
Ashley 10-13



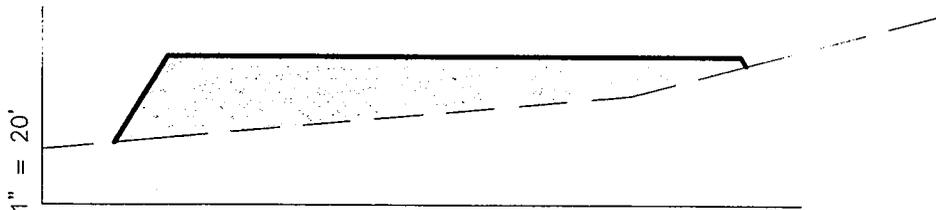
1" = 50' STA. 2+90



1" = 50' STA. 2+22



1" = 50' STA. 1+60



1" = 50' STA. 0+00

### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,380	3,380	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,020	3,380	890	640

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

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: R.V.C.

DATE: 5-27-03

Tri State  
Land Surveying, Inc.

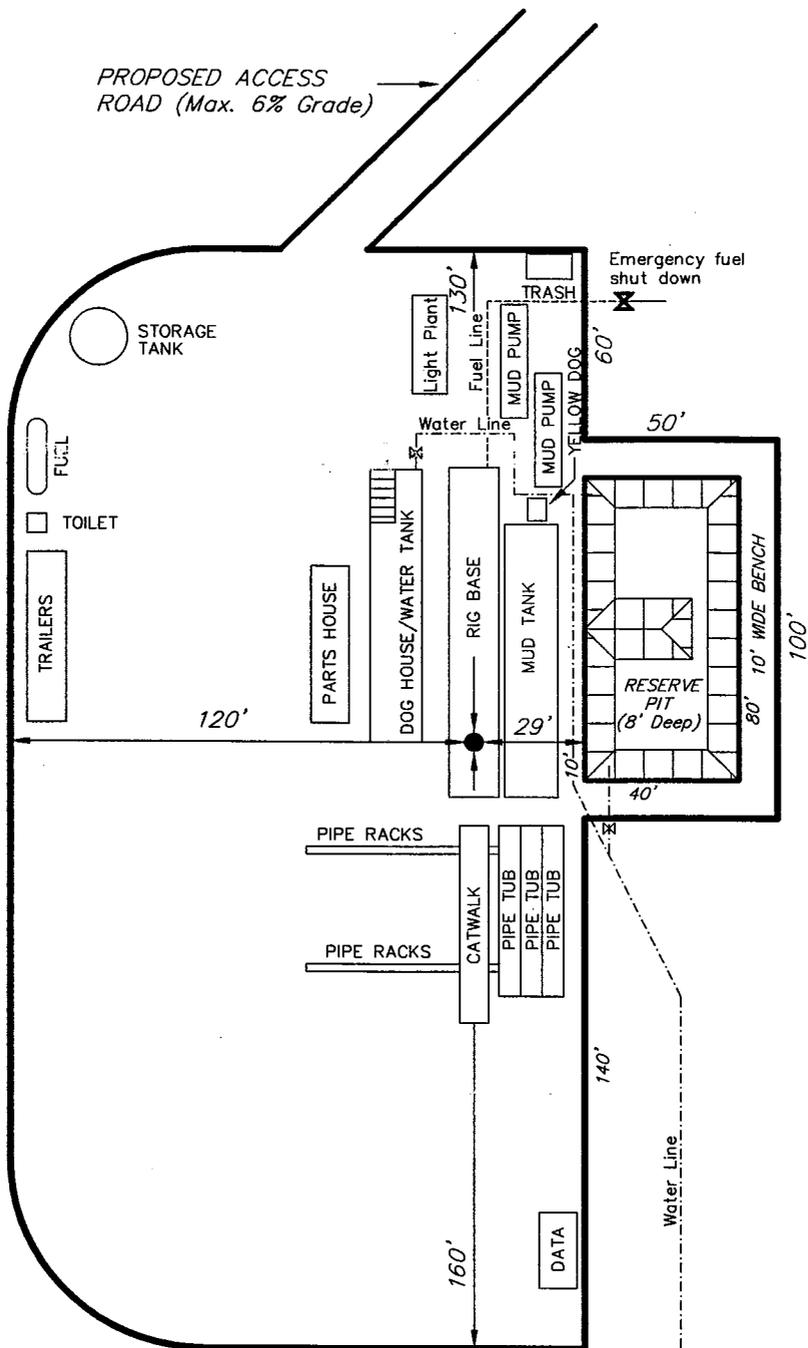
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

Ashley 10-13



SURVEYED BY: D.J.S.

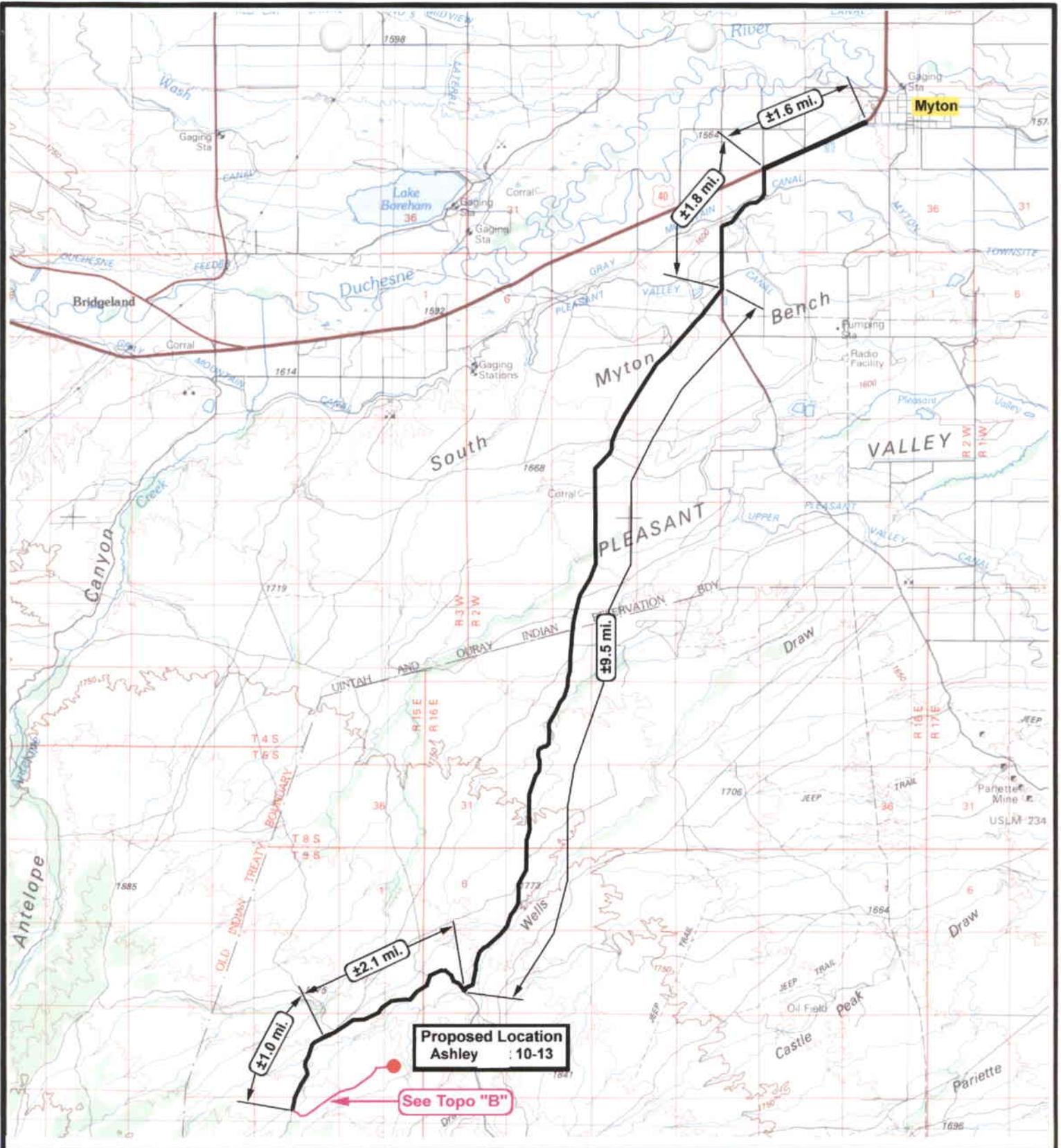
SCALE: 1" = 50'

DRAWN BY: R.V.C.

DATE: 6-27-03

Tri State  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501



**Ashley 10-13**  
**SEC. 13, T9S, R15E, S.L.B.&M.**



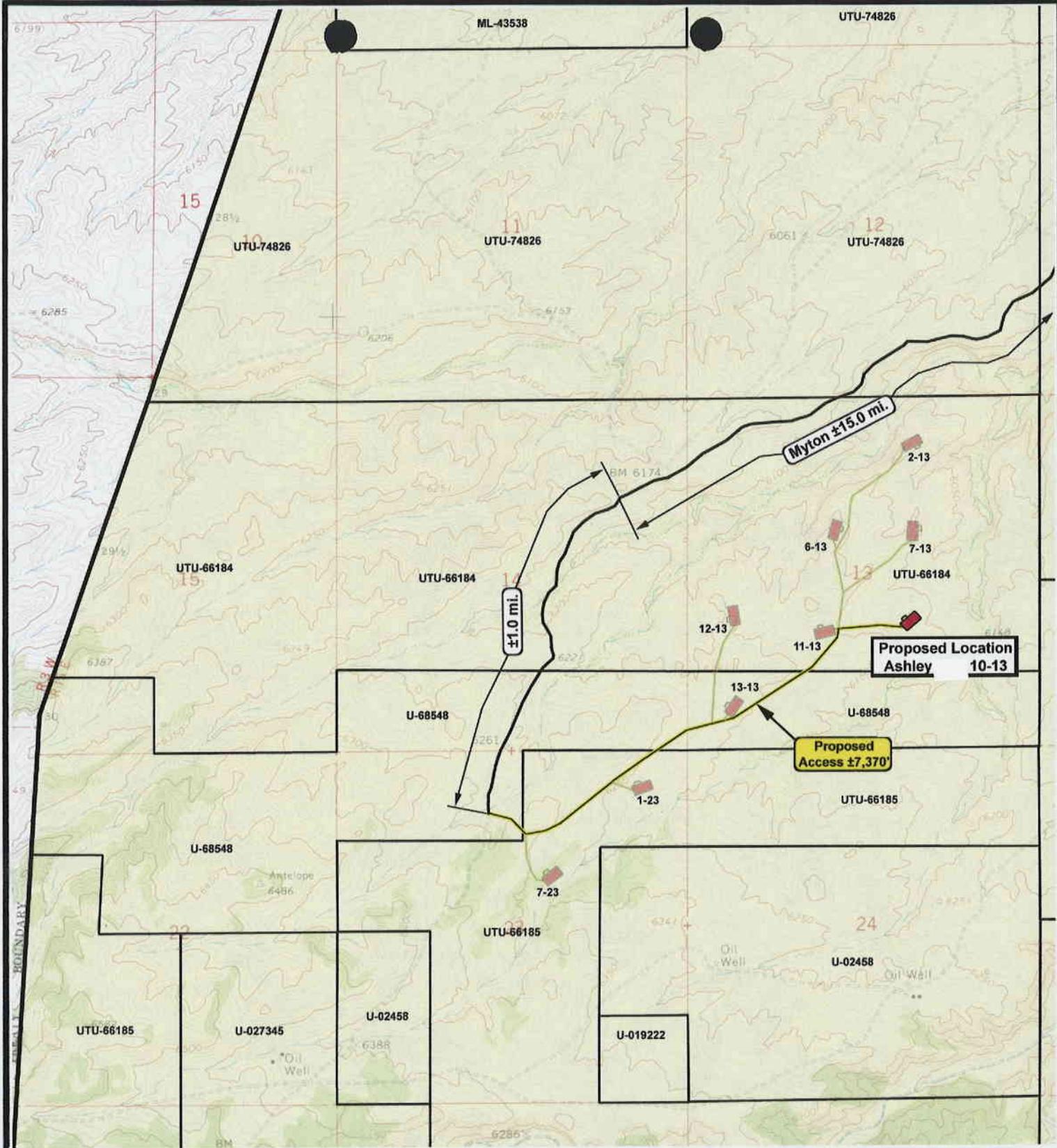
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: R.A.B.  
 DATE: 06-24-2003

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
"A"



**Ashley 10-13**  
**SEC. 13, T9S, R15E, S.L.B.&M.**

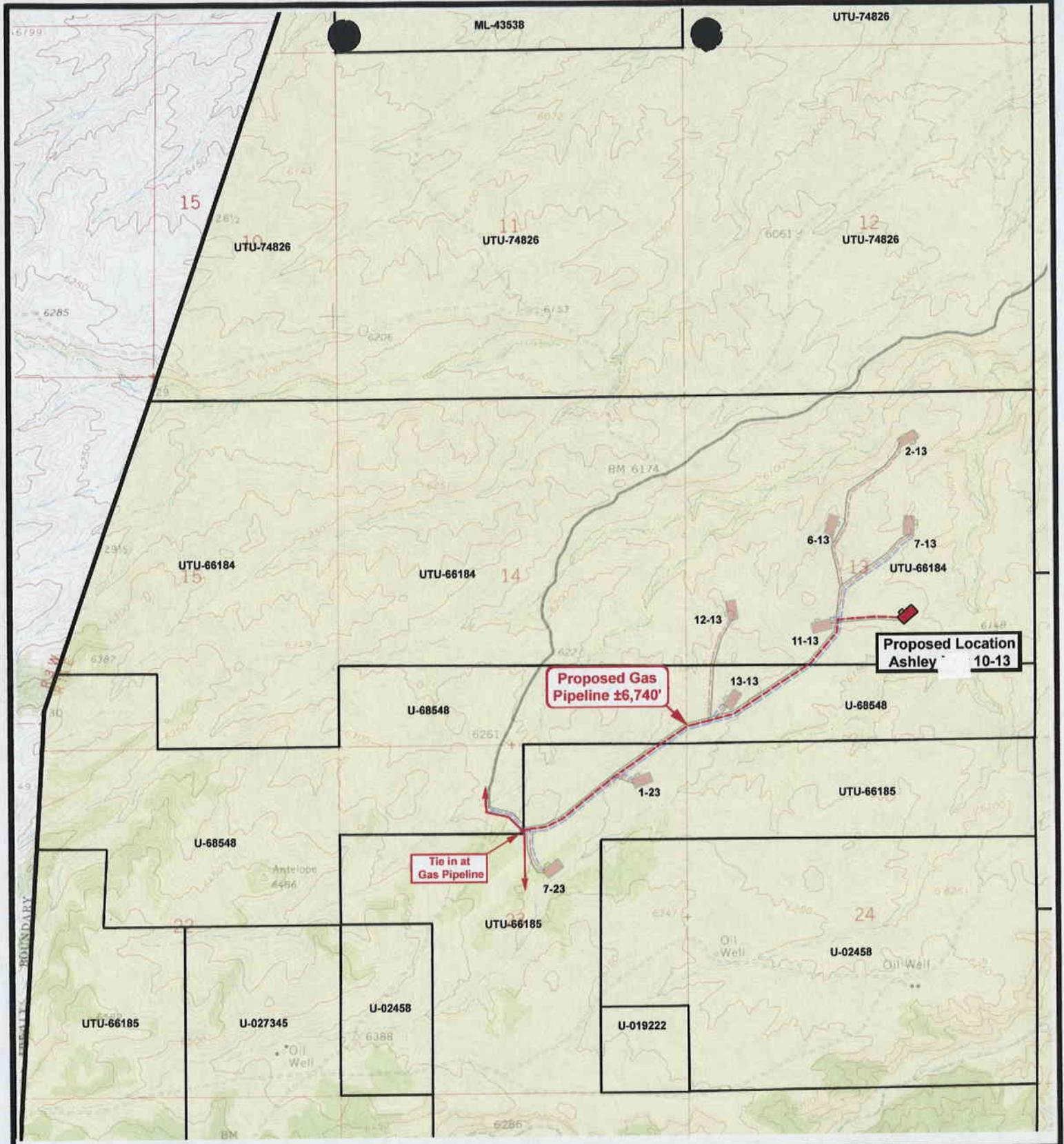


**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 06-24-2003

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**Ashley 10-13**  
**SEC. 13, T9S, R15E, S.L.B.&M.**



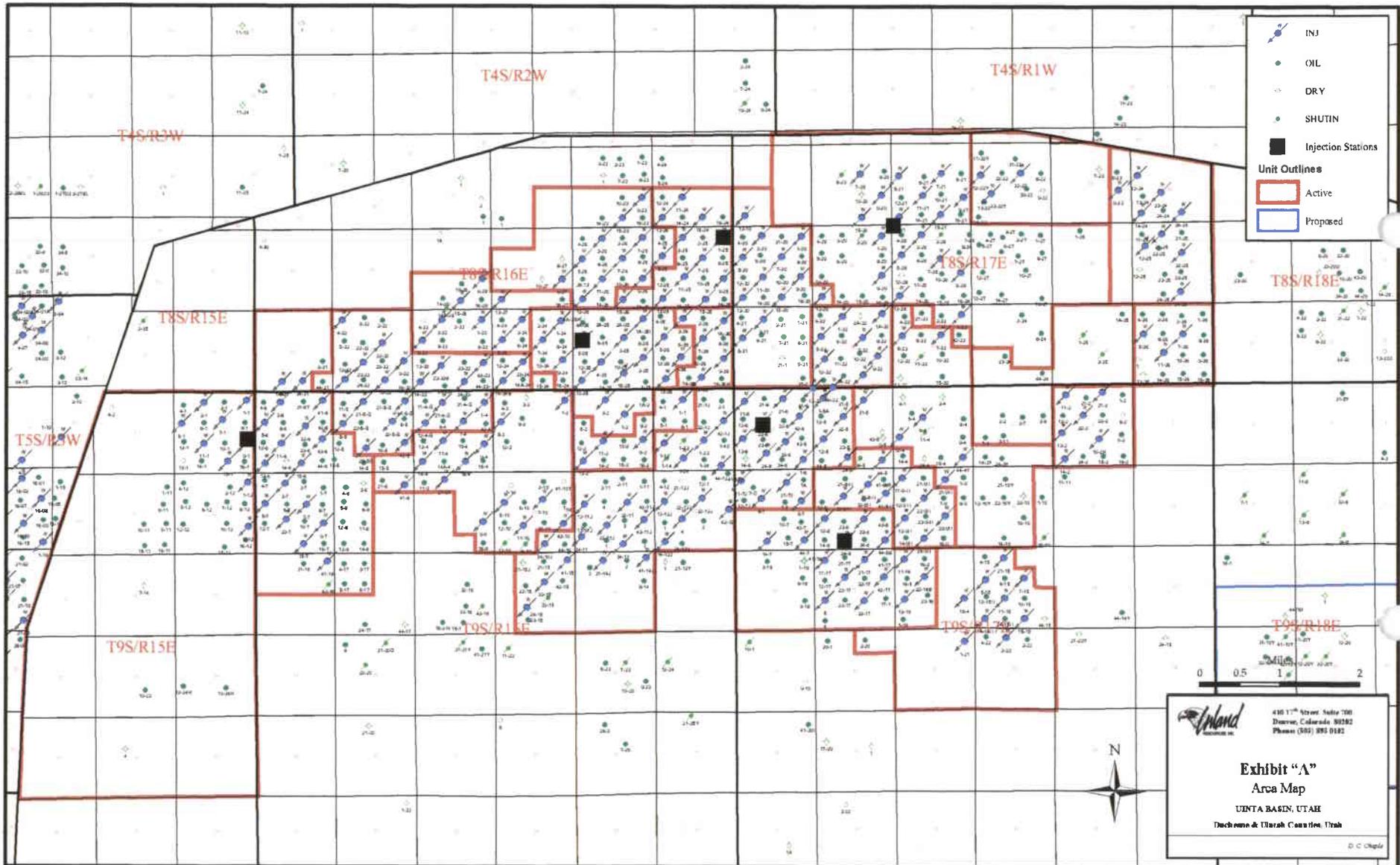
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 06-24-2003

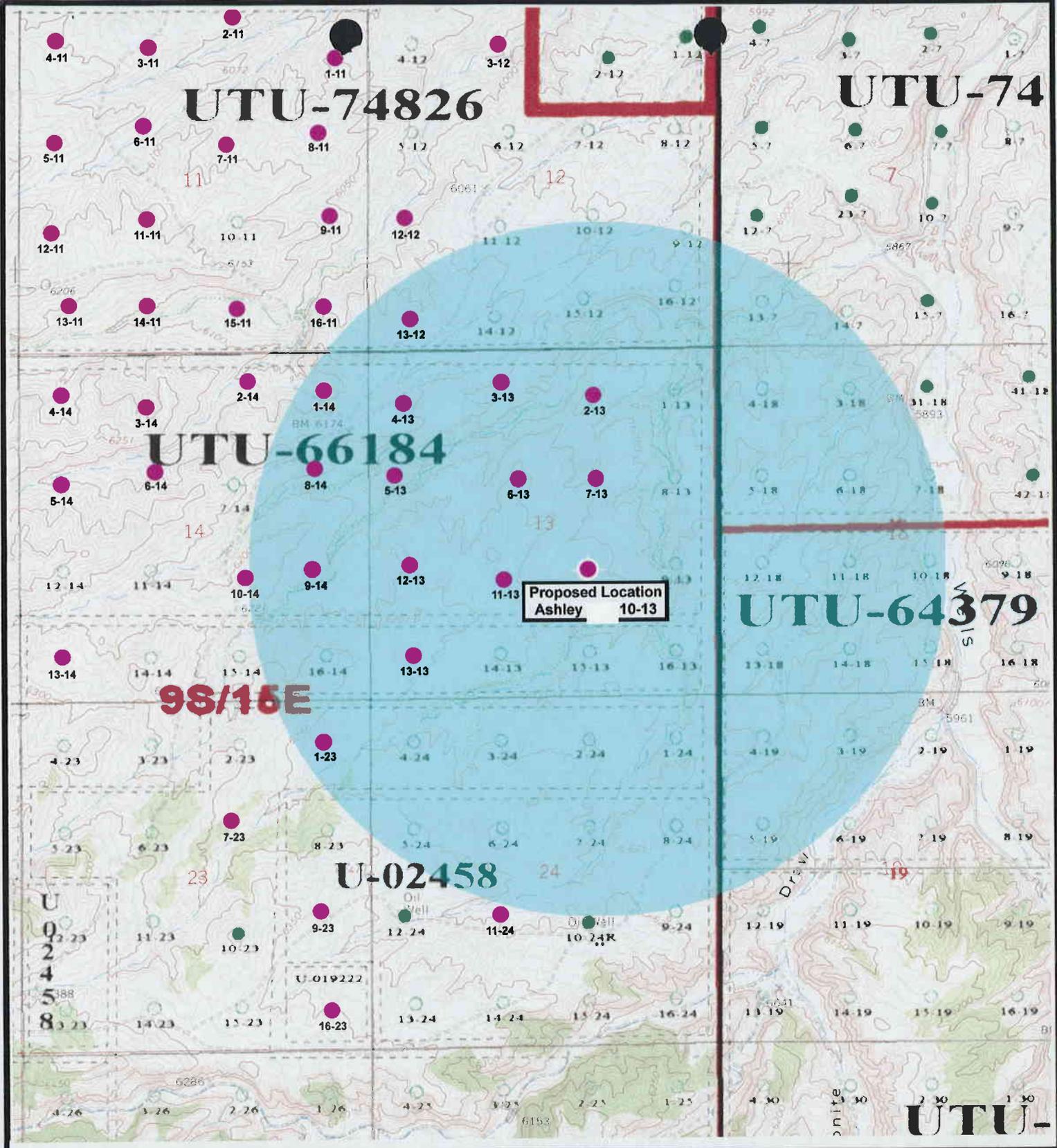
Legend	
	Roads
	Existing Gas Line
	Proposed Gas Line
	Existing Water Line
	Proposed Water Line

TOPOGRAPHIC MAP

**"C"**



January 15, 2003



**UTU-74826**

**UTU-74**

**UTU-66184**

**UTU-64379**

**U-02458**

**Proposed Location  
Ashley 10-13**

**98/15E**



RESOURCES INC.

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

**Legend**

- Well Locations
- One-Mile Radius

**Ashley 10-13  
SEC. 13, T9S, R15E, S.L.B.&M.**



**SCALE: 1" = 2,000'**  
**DRAWN BY: R.A.B.**  
**DATE: 06-24-2003**

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

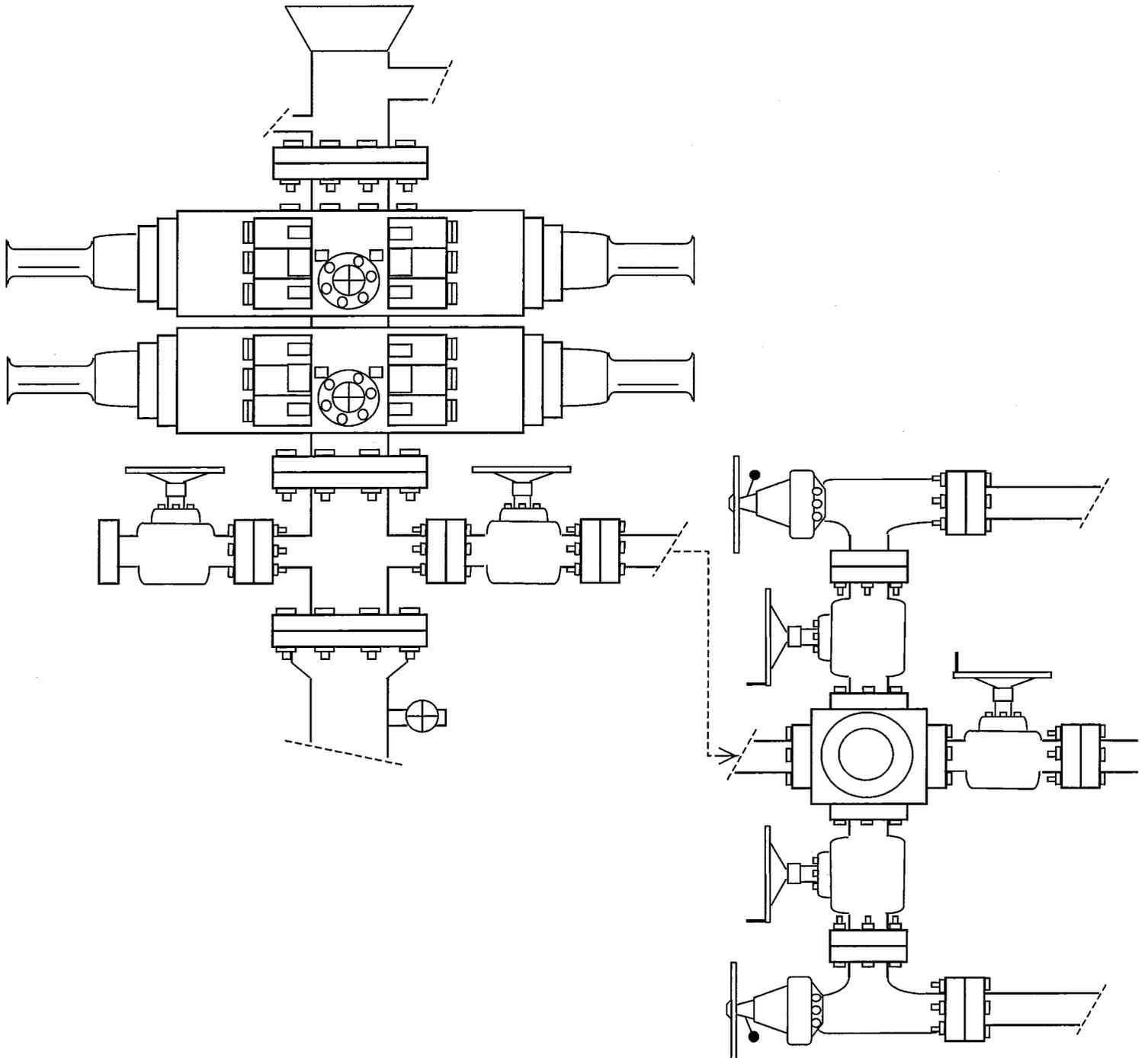


EXHIBIT C

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/05/2003

API NO. ASSIGNED: 43-013-32458

WELL NAME: ASHLEY FED 10-13-9-15  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 13 090S 150E  
SURFACE: 1938 FSL 1967 FEL  
BOTTOM: 1938 FSL 1967 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-66184  
SURFACE OWNER: 1 - Federal

LATITUDE: 40.02914

PROPOSED FORMATION: GRRV

LONGITUDE: 110.17740

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:

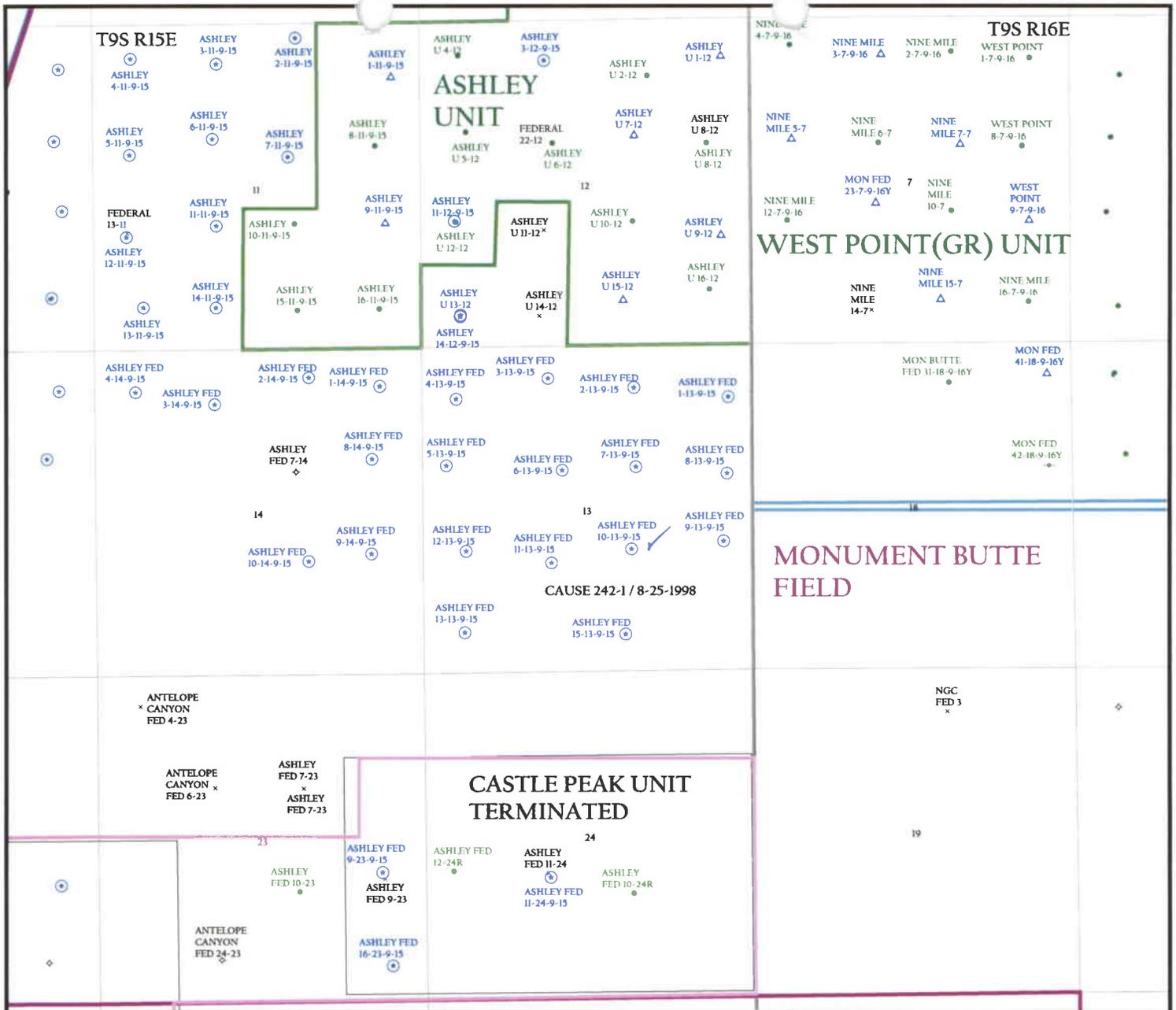
- \_\_\_ R649-2-3.
- Unit ASHLEY
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

Sop, Suspend Fee

STIPULATIONS:

1- Federal Approval



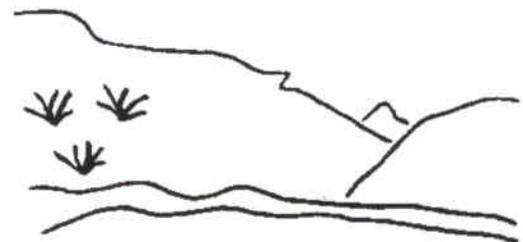
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 13 T.9S, R.15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

- | Wells                 | Unit Status    |
|-----------------------|----------------|
| ➤ GAS INJECTION       | □ EXPLORATORY  |
| ➤ GAS STORAGE         | □ GAS STORAGE  |
| ⊖ LOCATION ABANDONED  | □ NF PP OIL    |
| ⊕ NEW LOCATION        | □ NF SECONDARY |
| ⊕ PLUGGED & ABANDONED | □ PENDING      |
| ➤ PRODUCING GAS       | □ PI OIL       |
| ➤ PRODUCING OIL       | □ PP GAS       |
| ➤ SHUT-IN GAS         | □ PP GEOTHERML |
| ➤ SHUT-IN OIL         | □ PP OIL       |
| ⊗ TEMP. ABANDONED     | □ SECONDARY    |
| ➤ TEST WELL           | □ TERMINATED   |
| ➤ WATER INJECTION     |                |
| ➤ WATER SUPPLY        |                |
| ➤ WATER DISPOSAL      |                |

- | Field Status |
|--------------|
| □ ABANDONED  |
| □ ACTIVE     |
| □ COMBINED   |
| □ INACTIVE   |
| □ PROPOSED   |
| □ STORAGE    |
| □ TERMINATED |



PREPARED BY: DIANA MASON  
DATE: 5-AUGUST-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

August 6, 2003

Inland Production Company  
Route 3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 10-13-9-15 Well, 1938' FSL, 1967' FEL, NW SE, Sec. 13, 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 43-13-32458.

Sincerely,

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

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** Ashley Federal 10-13-9-15  
**API Number:** 43-13-32458  
**Lease:** UTU-66184

**Location:** NW SE                      **Sec.** 13                      **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

5. Lease Designation and Serial No.  
**UTU-66184**

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 10-13-9-15**

9. API Well No.  
**43-013-32458**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

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

**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)  
**1938 FSL 1967 FEL      NW/SE Section 13, T9S R15E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>Permit Extension</b> <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.)\*

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/6/03 (expiration 8/6/04).

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
 Date: 08-19-04  
 By: [Signature]

**RECEIVED  
AUG 03 2004**

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
 Date: 8/25/04  
 Initials: CHO

14. I hereby certify that the foregoing is true and correct  
 Signed Mandie Crozier Title Regulatory Specialist Date 8/1/04  
 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:** 43-013-32458  
**Well Name:** Ashley Federal 10-13-9-15  
**Location:** NW/SE Section 13, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 8/6/2003

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

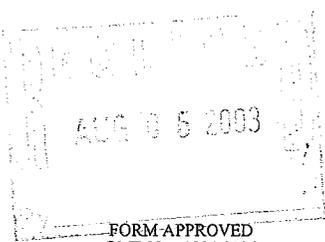
Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

8/1/2004  
\_\_\_\_\_  
Date

Title: Regulatory Specialist

Representing: Inland Production Company



Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
UTU-66184

6. If Indian, Allottee or Tribe Name  
N/A

1a. Type of Work:  DRILL  REENTER

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

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

8. Lease Name and Well No.  
Ashley Federal 10-13-9-15

2. Name of Operator  
Inland Production Company

9. API Well No.  
43-013-32458

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

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

10. Field and Pool, or Exploratory  
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NW/SE 1938' FSL 1967' FEL  
At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SE Sec. 13, T9S R15E

14. Distance in miles and direction from nearest town or post office\*  
Approximately 17.4 miles southwest of Myton, Utah

12. County or Parish  
Duchesne

13. State  
UT

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 618' f/lse & 1967' f/unit

16. No. of Acres in lease  
1,360.57

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1418'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
#4488944 UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6115' GR

22. Approximate date work will start\*  
4th Quarter 2003

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 8/4/03

Title Regulatory Specialist

Approved by (Signature) *Thomas B. Cleavage* Name (Printed/Typed) Office Date 08/11/2003

Title Assistant Field Manager

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

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

NOTICE OF APPROVAL RECEIVED  
AUG 23 2004

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.  
Well Name & Number: Ashley Federal 10-13-9-15  
API Number: 43-013-32458  
Lease Number: U-66184  
Location: NWSE Sec. 13 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 FOR NOTICE TO DRILL**

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

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

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

**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.

**No drilling during the Burrowing Owl nesting season (April 1 to Aug. 15),** without first having a certified wildlife biologist clear the area to determine if owls are present.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ASHLEY FED 10-13-9-15

Api No: 43-013-32458 Lease Type: FEDERAL

Section 13 Township 09S Range 15E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

**SPUDDED:**

Date 01/25/2005

Time 8:00 AM

How DRY

**Drilling will commence:** \_\_\_\_\_

Reported by JUSTIN CRUMB

Telephone # 1-435-823-6733

Date 01/26/2005 Signed CHD

RECEIVED

JAN 26 2005

INLAND

N5160

PAGE 03

009

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

DIV. OF OIL, GAS & MINING

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

OPERATOR ACCT. NO. **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	14532	43-013-32457	Ashley Federal 11-13-9-15	NE/SW	13	9S	15E	Duchesne	January 20, 2005	1/31/05

WELL 1 COMMENTS: **GRRU**

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	14533	43-047-35473	Federal 1-4-9-18	NE/NE	4	9S	18E	Uintah	January 21, 2005	1/31/05

WELL 2 COMMENTS: **GRRU**

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	14534	43-013-32458	Ashley Federal 10-13-9-15				15E	Duchesne	January 25, 2005	1/31/05

WELL 3 COMMENTS: **GRRU**

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	14535	43-047-35594	Federal 10-4	NW/SE	4	9S	18E	Uintah	January 25, 2005	1/31/05

WELL 4 COMMENTS: **GRRU**

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:

- 14: 47
- 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

January 26, 2005

Title

Date

INLAND

4356453031

01/26/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

007

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU66184
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. ASHLEY UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1938 FSL 1967 FEL NW/SE Section 13 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 10-13-9-15
		9. API Well No. 4301332458
		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	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

On 2-3-05 MIRU Ross # 24. Spud well @ 8:00 AM. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 311. On 2/2/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

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

**RECEIVED  
FEB 04 2005  
DIV. OF OIL, GAS & MINING**

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature <i>Justin Crum</i>	Date 2/3/2005

**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

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

**OPERATOR CHANGE WORKSHEET**

**011**

Change of Operator (Well Sold)

Designation of Agent/Operator

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<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 FED 12-13-9-15	13	090S	150E	4301332456	14531	Federal	OW	DRL	K
ASHLEY FED 11-13-9-15	13	090S	150E	4301332457	14532	Federal	OW	DRL	K
ASHLEY FED 10-13-9-15	13	090S	150E	4301332458	14534	Federal	OW	DRL	K
ASHLEY FED 9-13-9-15	13	090S	150E	4301332459		Federal	OW	APD	K
ASHLEY FED 8-13-9-15	13	090S	150E	4301332460		Federal	OW	APD	K
ASHLEY FED 7-13-9-15	13	090S	150E	4301332461	14572	Federal	OW	DRL	K
ASHLEY FED 2-13-9-15	13	090S	150E	4301332462		Federal	OW	DRL	K
ASHLEY FED 1-13-9-15	13	090S	150E	4301332463		Federal	OW	APD	K
ASHLEY FED 6-13-9-15	13	090S	150E	4301332464	14555	Federal	OW	DRL	K
ASHLEY FED 5-14-9-15	14	090S	150E	4301332465	12419	Federal	OW	P	K
ASHLEY FED 6-14-9-15	14	090S	150E	4301332466	12419	Federal	OW	P	K
ASHLEY FED 11-14-9-15	14	090S	150E	4301332467	12419	Federal	OW	P	K
ASHLEY FED 13-14-9-15	14	090S	150E	4301332468	12419	Federal	OW	DRL	K
ASHLEY FED 15-14-9-15	14	090S	150E	4301332469	12419	Federal	OW	P	K
ASHLEY FED 12-14-9-15	14	090S	150E	4301332476	12419	Federal	OW	P	K
ASHLEY FED 9-15-9-15	15	090S	150E	4301332470	12419	Federal	OW	P	K
ASHLEY FED 10-15-9-15	15	090S	150E	4301332471	12419	Federal	OW	P	K
ASHLEY FED 11-15-9-15	15	090S	150E	4301332472	12419	Federal	OW	P	K
ASHLEY FED 15-15-9-15	15	090S	150E	4301332473	12419	Federal	OW	P	K
ASHLEY FED 1-22-9-15	22	090S	150E	4301332477	12419	Federal	OW	DRL	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

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.

5. Lease Serial No.  
UTUJ66184

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 10-13-9-15

9. API Well No.  
4301332458

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 (include area code)  
435.646.3721

4. Location of (Footage, Sec., T., R., M., or Survey Description)  
1938 FSL 1967 FEL  
NW/SE Section 13 T9S R15E

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

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

Status report for time period 02/22/05-03/04/05

Subject well had completion procedures initiated in the Green River formation on 02/22/05 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5915-5922'), (5852-5864') (All 4 JSPF); #2 (5720-5724'), (5680-5700') (All 4 JSPF); #3 (5544-5564'), (5463-5476') (All 4 JSPF); #4 (5322-5333') (4 JSPF); #5 (5216-5221'), (5196-5203') (All 4 JSPF); #6 (5042-5056'), (4978-4984'); #7 (4709-4722'), (4671-4676') (All 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 3/02/05. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5983'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5889'. A 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 03/04/05.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Tara Kinney	Title Production Clerk
Signature <i>Tara Kinney</i>	Date 3/14/2005

**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 _____	

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

(Instructions on reverse)

RECEIVED

MAR 15 2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.

5. Lease Serial No.  
UTU66184

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 10-13-9-15

9. API Well No.  
4301332458

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)  
1938 FSL 1967 FEL  
NW/SE Section 13 T9S R15E

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

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

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

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

COPY SENT TO OPERATOR  
Date: 4-14-05  
Initials: CHD

RECEIVED  
APR 08 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Mandie Crozier

Signature  
*Mandie Crozier*

Title  
Regulatory Specialist

Date  
04/07/2005

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.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 4/14/05  
By: *[Signature]*

Federal Approval Of This  
Action Is Necessary

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

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



013

IN REPLY REFER TO  
3180  
UT-922

April 26, 2005

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Re: 10<sup>th</sup> Revision of the Green River Formation PA "A"  
Ashley Unit  
Duchesne County, Utah

Gentlemen:

The 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of January 1, 2005, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", results in the addition of 800.00 acres to the participating area for a total of 4,386.72 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances in paying quantities.

WELL NO.	API NO.	LOCATION	LEASE NO.
2-13	43-013-32462	NWNE, 13-9S-15E	UTU66184
6-13	43-013-32464	SENE, 13-9S-15E	UTU66184
7-13	43-013-32461	SWNE, 13-9S-15E	UTU66184
10-13	43-013-32458	NWSE, 13-9S-15E	UTU66184
11-13	43-013-32457	NESW, 13-9S-15E	UTU66184
12-13	43-013-32456	NWSW, 13-9S-15E	UTU66184
13-13	43-013-32455	SWSW, 13-9S-15E	UTU68548
13-14	43-013-32468	SWSW, 14-9S-15E	UTU68548

RECEIVED

APR 28 2005

DIV. OF OIL, GAS & MINING

WELL NO.	API NO.	LOCATION	LEASE NO.
1-22	43-013-32477	NENE, <del>22</del> 24-9S-15E	UTU68548
7-22	43-013-32487	SWNE, 22-9S-15E	UTU68548
1-23	43-013-32478	NENE, 23-9S-15E	UTU66185
3-23	43-013-32479	NENW, 23-9S-15E	UTU68548
5-23	43-013-32480	SWNW, 23-9S-15E	UTU66185
7-23	43-013-32481	SWNE, 23-9S-15E	UTU66185

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ Robert Henricks

Robert Henricks  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Dockets w/ext b  
Division of Oil, Gas & Mining  
SITLA  
Ashley Unit w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Reading Chron.  
Central Files

UT922:TATHOMPSON:tt:4/26/05



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

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

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 1938 FSL & 1967' FEL (NW/SE) Sec. 13, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32458 DATE ISSUED 8/6/03

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUN 2/3/05 16. DATE T.D. REACHED 2/12/05 17. DATE COMPL. (Ready to prod.) 3/4/05 18. ELEVATIONS (DF, RKB, RT. GR. ETC.)\* 6115' GL 6127' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6038' 21. PLUG BACK T.D., MD & TVD 5983' 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 4671'-5922' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPICAL ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	311'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6023'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5889'	TA @ 5522'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP5&BS) 5852'-5864', 5915'-5922'	.41"	4/76	5852'-5922'	Frac w/ 64,491# 20/40 sand in 526 bbls fluid	
(C3) 5680'-5700', 5720'-5724'	.41"	4/96	5680'-5724'	Frac w/ 69,786# 20/40 sand in 558 bbls fluid	
(CP1&LODC) 5463'-5476', 5544'-5564'	.41"	4/132	5463'-5564'	Frac w/ 94,982# 20/40 sand in 698 bbls fluid	
(LODC) 5322'-5333'	.41"	4/44	5322'-5333'	Frac w/ 59,881# 20/40 sand in 491 bbls fluid	
(LODC) 5196'-5203', 5216'-5221'	.41"	4/48	5196'-5221'	Frac w/ 29,366# 20/40 sand in 332 bbls fluid	
(A.5&A1) 4978'-4984', 5042'-5056'	.41"	4/80	4978'-5056'	Frac w/ 75,155# 20/40 sand in 564 bbls fluid	
(D2&D3) 4671'-4676', 4709'-4722'	.41"	4/72	4671'-4722'	Frac w/ 62,583# 20/40 sand in 476 bbls fluid	

33.\* PRODUCTION  
DATE FIRST PRODUCTION 3/4/05 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) PRODUCING  
DATE OF TEST 10 day ave HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO  
83 16 111 193

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY JUN 01 2005

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Mandie Crozier TITLE Regulatory Specialist DATE 5/27/2005  
Mandie Crozier 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);	38. GEOLOGIC MARKERS			
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
				<p style="text-align: center;"><b>Well Name</b> <b>Ashley Federal 10-13-9-15</b></p>
				<p style="text-align: center;"><b>NAME</b></p> <p>Garden Gulch Mkr  Garden Gulch 1  Garden Gulch 2  Point 3 Mkr  X Mkr  Y-Mkr  Douglas Creek Mkr  BiCarbonate Mkr  B Limestone Mkr  Castle Peak  Basal Carbonate  Total Depth (LOGGERS)</p>
				<p style="text-align: center;"><b>MEAS. DEPTH</b></p> <p>3595'  3814'  3932'  4188'  4450'  4488'  4594'  4832'  4945'  5500'  5938'  6040'</p>
				<p style="text-align: center;"><b>TRUE VERT. DEPTH</b></p>

<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-66184
<b>1. TYPE OF WELL</b> Oil Well	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 10-13-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1938 FSL 1967 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 13 Township: 09.0S Range: 15.0E Meridian: S	<b>9. API NUMBER:</b> 43013324580000
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

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

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: 10/18/2013	<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 subject well has been converted from a producing oil well to an injection well on 10/17/2013. On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 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:** November 20, 2013

**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> 10/21/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/19/13 Time 11:35 am pm

Test Conducted by: Michael Jensen

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

Well: <u>Ashky 10-13-9-15</u>	Field: <u>Greater Monument Butte</u>
Well Location:	API No: <u>4301332458</u>

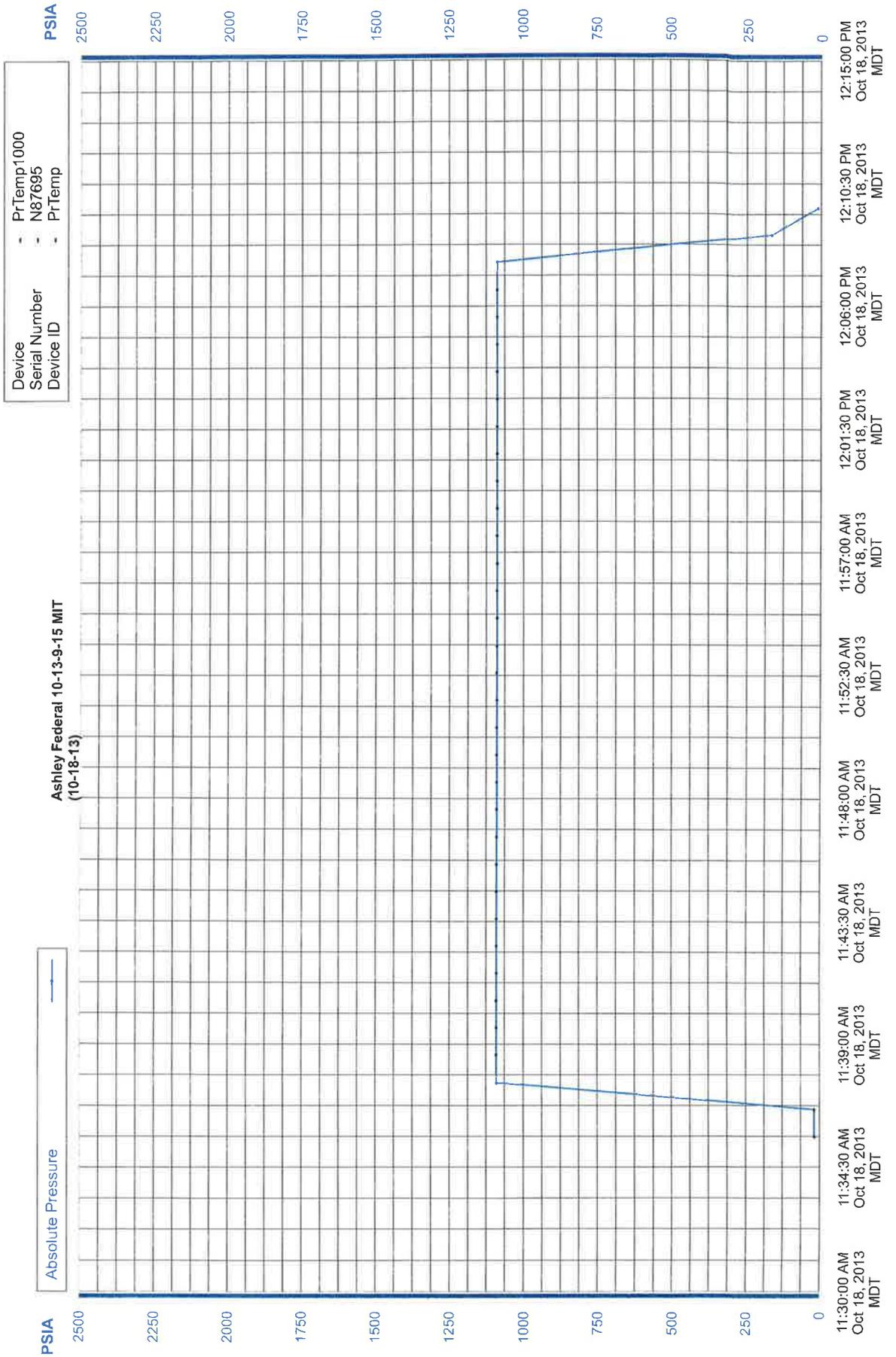
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1091</u>	psig
5	<u>1090</u>	psig
10	<u>1090</u>	psig
15	<u>1090</u>	psig
20	<u>1089</u>	psig
25	<u>1088</u>	psig
30 min	<u>1088</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 650 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Michael Jensen



## Daily Activity Report

Format For Sundry

**ASHLEY 10-13-9-15**

**8/1/2013 To 12/30/2013**

**10/14/2013 Day: 1**

**Conversion**

Basic #1629 on 10/14/2013 - 4:00-5:00 spot rig at well rig up unload trucks and trailers  
s.d.f.n. 5:00-6:00 crew travel - 4:00-5:00 spot rig at well rig up unload trucks and trailers  
s.d.f.n. 5:00-6:00 crew travel

**Daily Cost:** \$0

**Cumulative Cost:** \$13,445

---

**10/15/2013 Day: 2**

**Conversion**

Basic #1629 on 10/15/2013 - 10:00-11:00 unseat pump flush tubing with 40 bbls 250 degree water 11:00-11:30 soft seat pump break down wellhead attempt to pressure test pumped 25 bbls H.I.T. - crew travel and safety meeting 7:00-8:00 rig down horse head bleed well to tank 8:00-9:00 pump 60 bbls 250 degree water down casing 9:00-10:00 flow tubing to tank 10:00-11:00 unseat pump flush tubing with 40 bbls 250 degree water 11:00-11:30 soft seat pump break down wellhead attempt to pressure test pumped 25 bbls H.I.T. 11:30-6:00 lay down rods on trailer had to flush every 12 rods due to wax and oil build up well report was not correct well had 7/8" guided rods in it witch should not have been there along with all rods in string were guided witch did not allow to properly run a stripping table all rods layed down and old pump secure well s.d.f.n. 6:00-7:00 crew travel

**Daily Cost:** \$0

**Cumulative Cost:** \$31,064

---

**10/17/2013 Day: 3**

**Conversion**

Basic #1629 on 10/17/2013 - Drop SV, attempt test on tubing. - 2:00-3:00 pick up packer and b.h.a./ r.i.h. with tubing 3:00-4:00 pump 30 bbls 250 degree water down tubing drop standing valve pressure tubing to 3000 p.s.i. 4:

**Daily Cost:** \$0

**Cumulative Cost:** \$39,328

---

**10/18/2013 Day: 4**

**Conversion**

Basic #1629 on 10/18/2013 - PRESSURE CASING TO 1400 PSI HOLD 100% FOR 30 MINUTES - 7:00-8:00 CREW TRAVEL SAFETY MEETING 8:00-10:30 GET 100% TEST ON TUBING AT 3000 PSI 10:30-1:00 RIH WITH SANDLINE RETREIVE STANDING VALVE RIG DOWN FLOOR NIPPLE DOWN BOP NIPPLE UP WELLHEAD 1:00-2:00 PUMP PACKER FLUID NIPPLE DOWN WELLHEAD SET PACKER 15K IN TENSION NIPPLE UP WELLHEAD 2:00-3:30 PRESSURE CASING TO 1400 PSI HOLD 100% TEST FOR 30 MINUTES 3:30-4:30 RIG DOWN LOAD TRUCKS & TRAIKERS.

**Daily Cost:** \$0

**Cumulative Cost:** \$47,116

---

**10/21/2013 Day: 5**

**Conversion**

Rigless on 10/21/2013 - Conduct initial MIT - On 10/15/2013 Chris Jensen with the State of

Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$79,328

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**Pertinent Files: Go to File List**

# Ashley Federal 10-13-9-15

Spud Date: 2/3/2005  
 Put on Production: 03/4/2005  
 GL: 6115' KB: 6127'

## Injection Wellbore Diagram

### SURFACE CASING

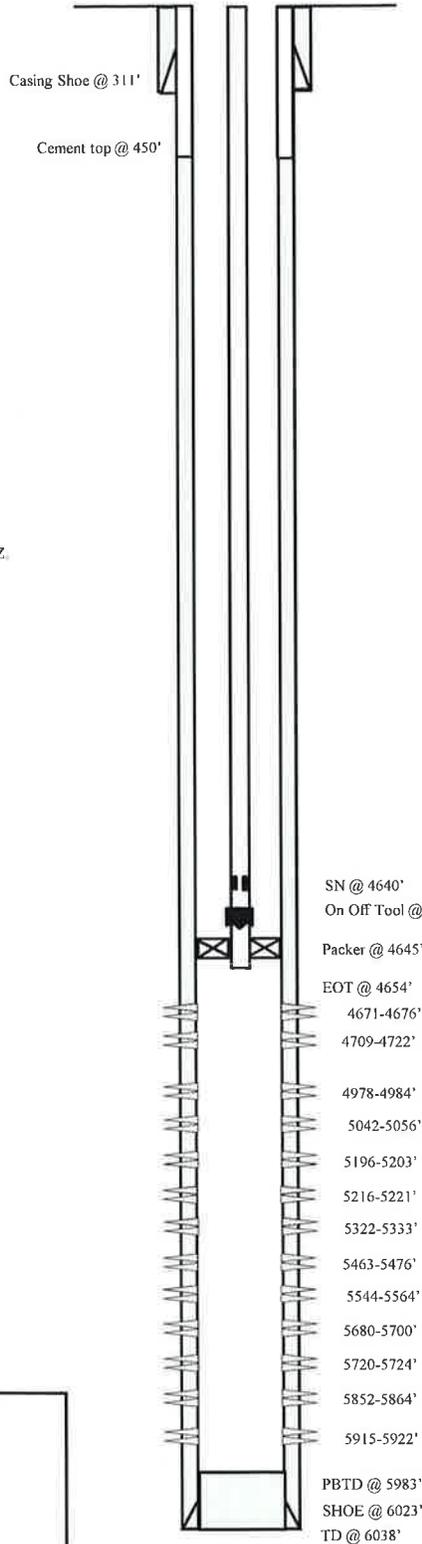
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301')  
 DEPTH LANDED: (311')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6025 2')  
 DEPTH LANDED: (6023 2')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premelite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 450'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4627 6')  
 SEATING NIPPLE: 2-7/8" (1 10")  
 SN LANDED AT: 4639 6' KB  
 ON/OFF TOOL AT: 4640 7'  
 ARROW #1 PACKER CE AT: 4645'  
 TBG PUP 2-3/8 J-55 AT: 4648 7'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4653 1'  
 TOTAL STRING LENGTH: EOT @ 4654.07'



### FRAC JOB

02/28/05	5852-5922'	<b>Frac BS &amp; CP5 sands as follows:</b> 64,491# 20/40 sand in 526 bbls Lightning 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. Calc flush: 5850 gal. Actual flush: 5880 gal.
03/01/05	5680-5724'	<b>Frac CP3 sands as follows:</b> 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Calc flush: 5678 gal. Actual flush: 5712 gal.
03/01/05	5463-5564'	<b>Frac CP1 &amp; LODC sands as follows:</b> 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502 gal.
03/01/05	5322-5333'	<b>Frac LODC sands as follows:</b> 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8 bpm. ISIP 2430. Calc flush: 5320 gal. Actual Flush: 5334 gal.
03/01/05	5196-5221'	<b>Frac LODC sands as follows:</b> 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal.
03/01/05	4978-5056'	<b>Frac A.5 &amp; A1 sands as follows:</b> 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8 bpm. ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal.
03/02/05	4671-4722'	<b>Frac D2 &amp; D3 sands as follows:</b> 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7 bpm. ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal.
04/08/08		<b>Workover:</b> Rod & Tubing detail updated
4/25/09		<b>RTP:</b> Updated r & t details.
10/17/13		<b>Convert to Injection Well</b>
10/18/13		<b>Conversion MIT Finalized</b> – update tbg detail

### PERFORATION RECORD

Date	Interval	SPF	Holes
2/22/2005	5915-5922'	4 SPF	28 holes
2/22/2005	5852-5864'	4 SPF	48 holes
2/28/2005	5720-5724'	4 SPF	16 holes
2/28/2005	5680-5700'	4 SPF	80 holes
3/01/2005	5544-5564'	4 SPF	80 holes
3/01/2005	5463-5476'	4 SPF	52 holes
3/01/2005	5322-5333'	4 SPF	44 holes
3/01/2005	5216-5221'	4 SPF	20 holes
3/01/2005	5196-5203'	4 SPF	28 holes
3/01/2005	5042-5056'	4 SPF	56 holes
3/01/2005	4978-4984'	4 SPF	24 holes
3/01/2005	4709-4722'	4 SPF	52 holes
3/01/2005	4671-4676'	4 SPF	20 holes



**Ashley Federal 10-13-9-15**  
 1938' FSL & 1967' FEL  
 NW/SE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32458; Lease #UTU-66184

<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-66184
		<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 10-13-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013324580000
<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> 1938 FSL 1967 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 13 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: 11/27/2013	<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 12:45 PM on  
11/27/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
January 09, 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> 12/9/2013	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-372

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 10-13-9-15  
**Location:** Section 13, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32458  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 22, 2011.
2. Maximum Allowable Injection Pressure: 1,968 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,930' – 5,983')
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

11/25/13  
\_\_\_\_\_  
Date

JR/MLR/js

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

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





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 22, 2011

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-13-9-15, Section 13, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32458

Gentlemen:

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

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

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

Sincerely,

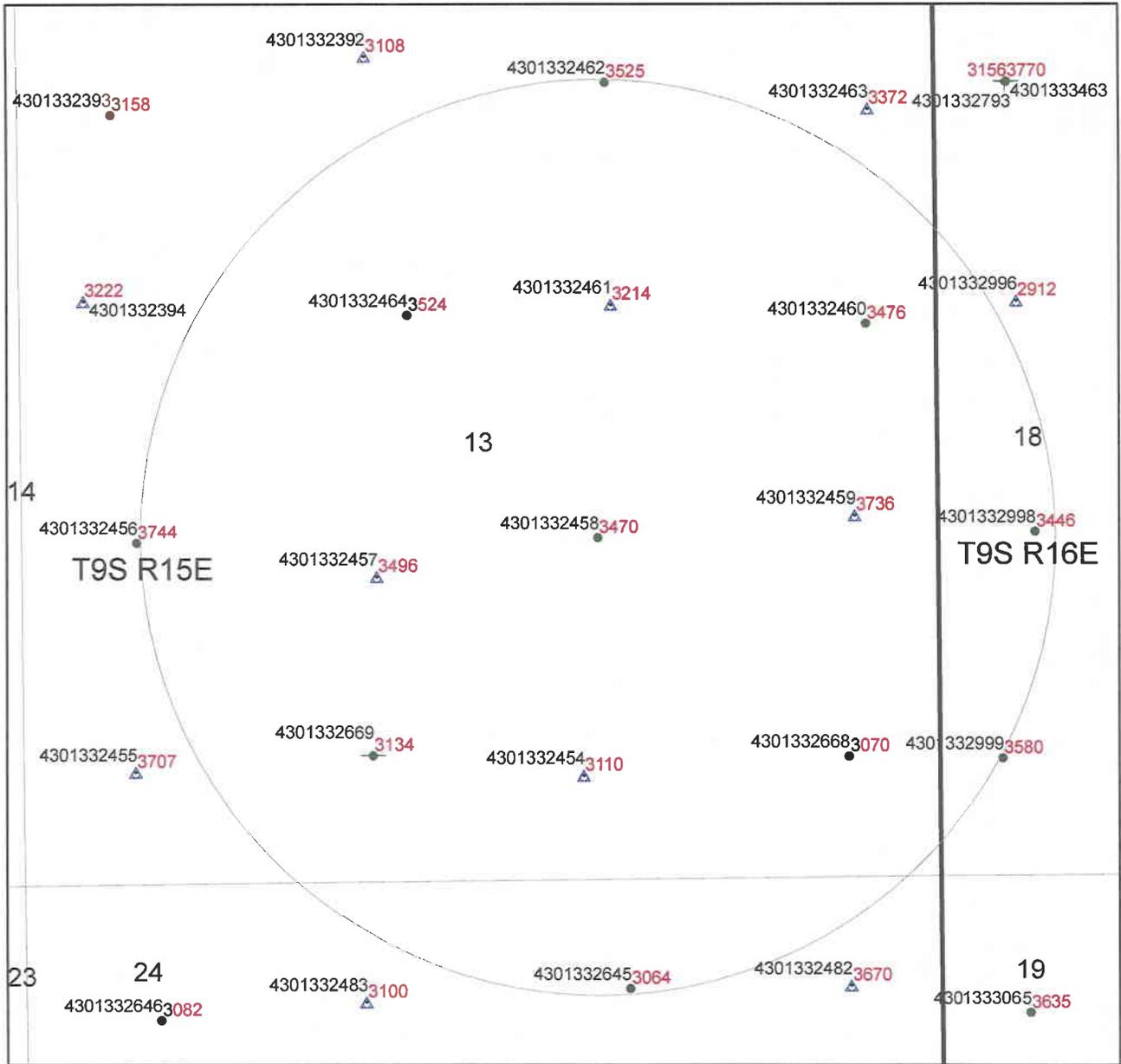
John Rogers  
Associate Director

JR/MLR/js

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

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





# Cement Bond Tops

## ASHLEY FEDERAL 10-13-9-15

### API #43-013-32458

### UIC-372.3

**Legend**

- |   |                                     |
|---|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_28 | PRODUCING GAS                       |
| SGID93 BOUNDARIES.Counties                | PRODUCING OIL                       |
| SGID93.CADASTRE.PLSSTownships_GCDB        | SHUT-IN GAS                         |
| SGID93.CADASTRE.PLSSSections_GCDB         | SHUT-IN OIL                         |
| GAS INJECTION                             | TEMP. ABANDONED                     |
| TW  | TEST WELL                           |
| TA  | WATER INJECTION                     |
| OPS                                       | WATER SUPPLY                        |
| GS  | WATER DISPOSAL                      |
| APD                                       | DRILLING                            |
| PA  | RETURNED GAS                        |
| LA  | RETURNED OIL                        |
| GAS STORAGE                               | GAS INJECTION SI                    |
| LOCATION ABANDONED                        | WATER DISP. SUSP.                   |
| NEW LOCATION                              | WATER INJ. SUSP.                    |
| PLUGGED & ABANDONED                       | Wells-CbitopsMaster3_03_11          |
|   | SGID93 ENERGY.DNROilGasWells_HDPath |



1870calc = approx cement top calculated from well completion report



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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 10-13-9-15

**Location:** 13/9S/15E      **API:** 43-013-32458

**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 311 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,023 feet. A cement bond log demonstrates adequate bond in this well up to about 3,470 feet. A 2 7/8 inch tubing with a packer will be set at 4,621 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 4 injection wells, and 1 shut-in well in the AOR. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1600 feet. Injection shall be limited to the interval between 3,930 feet and 5,983 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-13-9-15 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,968 psig. The requested maximum pressure is 1,968 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 10-13-9-15**  
**page 2**

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date 3/21/2011

PROOF OF PUBLICATION

CUSTOMER'S COPY

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

**RECEIVED**  
MAY 08 2011  
DIV. OF OIL, GAS & MINING

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

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

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

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

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

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

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

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

Dated this 23rd day of February, 2011.

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

667853

UPAXIP

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

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-372 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 02/28/2011

End 02/28/2011

PUBLISHED ON

SIGNATURE

*Daddy Taylor*

3/1/2011



VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 591439  
My Commission Expires  
January 12, 2014

*Virginia Craft*

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

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

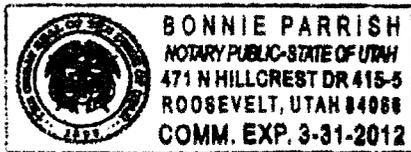
I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 1 day of March, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of March, 2011, 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.

Geoff Liesik  
Editor

Subscribed and sworn to before me this

2 day of March, 2011

Bonnie Parrish  
Notary Public



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

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

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

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following

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

Greater Monument Butte Unit:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Greater Monument Butte Unit:

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

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

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

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

Dated this 23rd day of February, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

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

**Cause No. UIC-372**

Publication Notices were sent to the following:

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

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

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

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

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 24, 2011

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

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

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 24, 2011

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

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

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

To whom it may concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



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

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

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

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

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

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



February 11, 2011

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

RE: Permit Application for Water Injection Well  
Ashley Federal #10-13-9-15  
Monument Butte Field, Lease #UTU-66184  
Section 13-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-13-9-15 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", with a long horizontal flourish extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**FEB 16 2011**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #10-13-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66184**  
**FEBRUARY 11, 2011**

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# Ashley Federal 10-13-9-15

Spud Date: 2/3/2005  
 Put on Production: 03/4/2005  
 GL: 6115' KB: 6127'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301')  
 DEPTH LANDED: (311')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

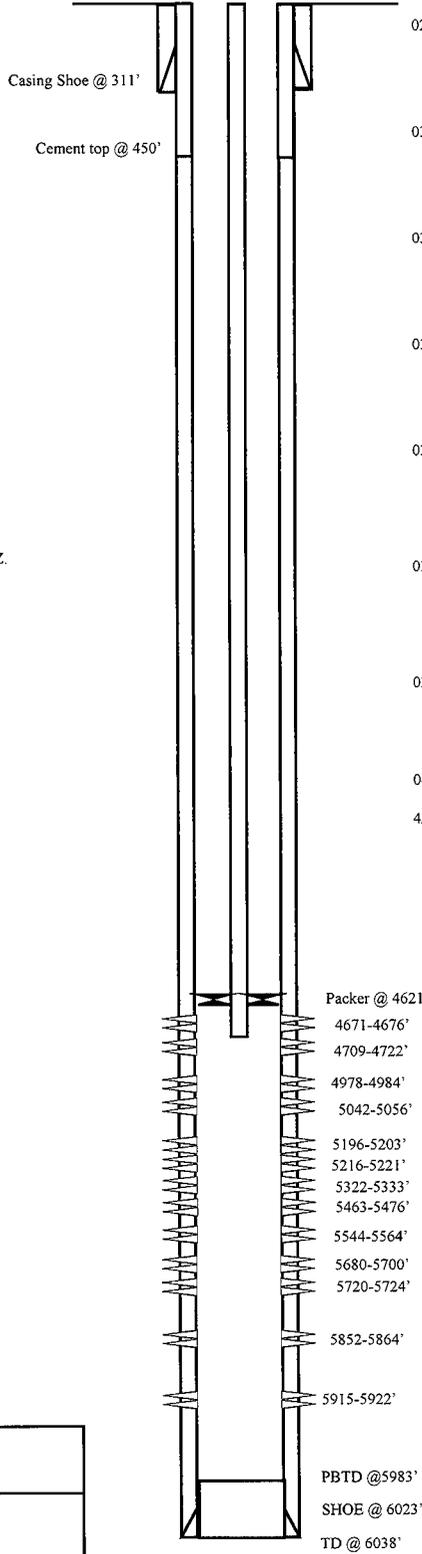
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6025.2')  
 DEPTH LANDED: (6023.2')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 450'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5773.69')  
 TUBING ANCHOR: 4477.18'  
 NO. OF JOINTS: 1 jt (32.58')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5821.07' KB  
 NO. OF JOINTS: 2 jts (66.74')  
 TOTAL STRING LENGTH: EOT @ 5889.36'

### FRAC JOB



Date	Wellbore	Description
02/28/05	5852-5922'	<b>Frac BS &amp; CP5 sands as follows:</b> 64,491# 20/40 sand in 526 bbls Lightning 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. Calc flush: 5850 gal. Actual flush: 5880 gal.
03/01/05	5680-5724'	<b>Frac CP3 sands as follows:</b> 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Calc flush: 5678 gal. Actual flush: 5712 gal.
03/01/05	5463-5564'	<b>Frac CP1 &amp; LODC sands as follows:</b> 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502 gal.
03/01/05	5322-5333'	<b>Frac LODC sands as follows:</b> 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8 bpm ISIP 2430. Calc flush: 5320 gal. Actual Flush: 5334 gal.
03/01/05	5196-5221'	<b>Frac LODC sands as follows:</b> 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal.
03/01/05	4978-5056'	<b>Frac A.5 &amp; A1 sands as follows:</b> 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8 bpm ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal.
03/02/05	4671-4722'	<b>Frac D2 &amp; D3 sands as follows:</b> 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7 bpm ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal.
04/08/08		<b>Workover:</b> Rod & Tubing detail updated.
4/25/09		RTP. Updated r & t details.

### PERFORATION RECORD

Date	Wellbore	SPF	Holes
2/22/2005	5915-5922'	4 SPF	28 holes
2/22/2005	5852-5864'	4 SPF	48 holes
2/28/2005	5720-5724'	4 SPF	16 holes
2/28/2005	5680-5700'	4 SPF	80 holes
3/01/2005	5544-5564'	4 SPF	80 holes
3/01/2005	5463-5476'	4 SPF	52 holes
3/01/2005	5322-5333'	4 SPF	44 holes
3/01/2005	5216-5221'	4 SPF	20 holes
3/01/2005	5196-5203'	4 SPF	28 holes
3/01/2005	5042-5056'	4 SPF	56 holes
3/01/2005	4978-4984'	4 SPF	24 holes
3/01/2005	4709-4722'	4 SPF	52 holes
3/01/2005	4671-4676'	4 SPF	20 holes

**NEWFIELD**

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**Ashley Federal 10-13-9-15**

1938' FSL & 1967' FEL

NW/SE Section 13-T9S-R15E

Duchesne Co, Utah

API #43-013-32458; Lease #UTU-66184

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202
  
  - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  
  - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #10-13-9-15 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 #10-13-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3930' - 5983'). 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 3593' and the TD is at 6038'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #10-13-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

**2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

**2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

**2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

**4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66184) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 311' KB, and 5-1/2", 15.5# casing run from surface to 6023' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1968 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 #10-13-9-15, for existing perforations (4671' - 5922') calculates at 0.83 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 1968 psig. We may add additional perforations between 3593' and 6038'. 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 #10-13-9-15, the proposed injection zone (3930' - 5983') 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-13.

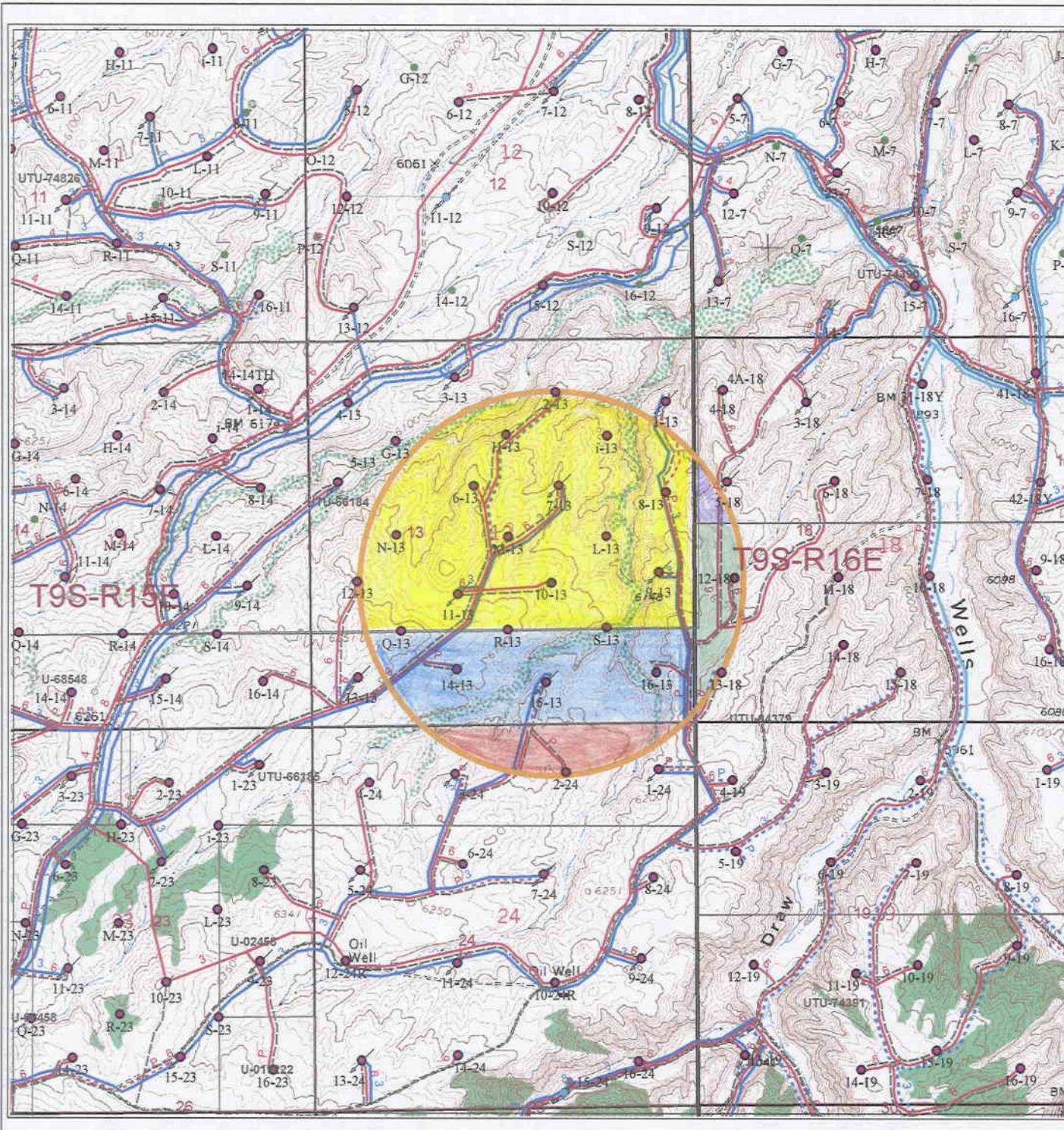
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



- Well Status**
- 10\_13\_9\_15
  - Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Countyline**
- Countyline
- 10\_13\_9\_15\_Buffer**
- 10\_13\_9\_15\_Buffer
- Injection system**
- high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Wells\_Raw**
- Wells\_Raw
- Leases**
- Leases
- Mining tracts**
- Mining tracts
- Gas Pipelines**
- Gathering lines
  - ⋯ Proposed lines

- UTU-66184
- UTU-68548
- UTU-66185
- UTU-64379
- UTU-74390

Ashley 10-13  
Section 13, T9S-R15E



1/2 Mile Radius Map  
Duchesne & Uintah Counties

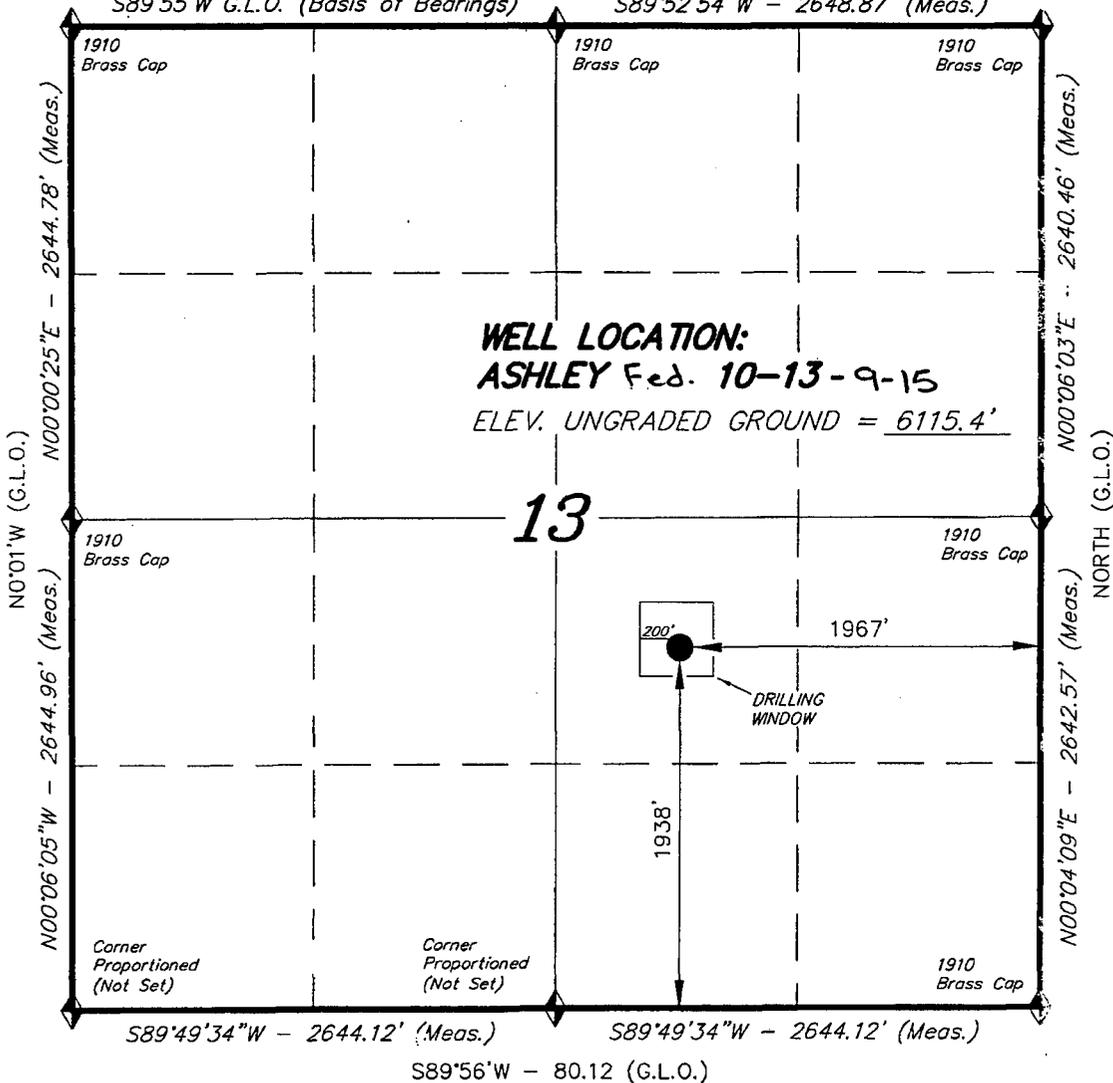
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 693-0102

January 17, 2011

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

S89°55'W - 80.16 (G.L.O.)

2651.57' (Measured)  
S89°55'W G.L.O. (Basis of Bearings) S89°52'54"W - 2648.87' (Meas.)



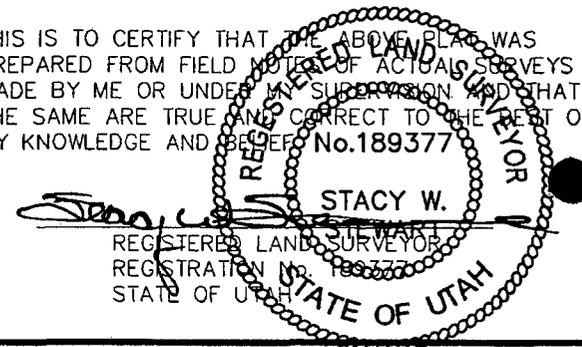
## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. 10-13-9-15  
LOCATED AS SHOWN IN THE NW 1/4 SE  
1/4 OF SECTION 13, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.

### ATTACHMENT A-1



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



### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 6-27-03	DRAWN BY: R.V.C.
NOTES:	FILE #

◆ = SECTION CORNER LOCATED

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

## EXHIBIT B

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

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
4	<u>T9S.R16E SLM</u> Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: Lots 3-4 (W2SW), E2SW, SE Section 19: Lots 1-2 (W2NW), E2NW, NE Section 21: N2 Section 22: NW, NWNE, S2NE	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
5	<u>T9S.R16E SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2 (W2NW), E2NW, NE	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #10-13-9-15

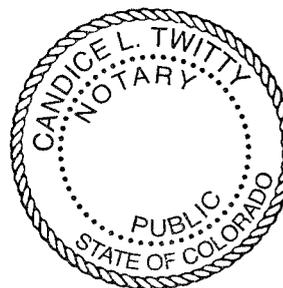
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 14<sup>th</sup> day of February, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



## Ashley Federal 10-13-9-15

Spud Date: 2/3/2005  
 Put on Production: 03/4/2005  
 GL: 6115' KB: 6127'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301')  
 DEPTH LANDED: (311')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

#### PRODUCTION CASING

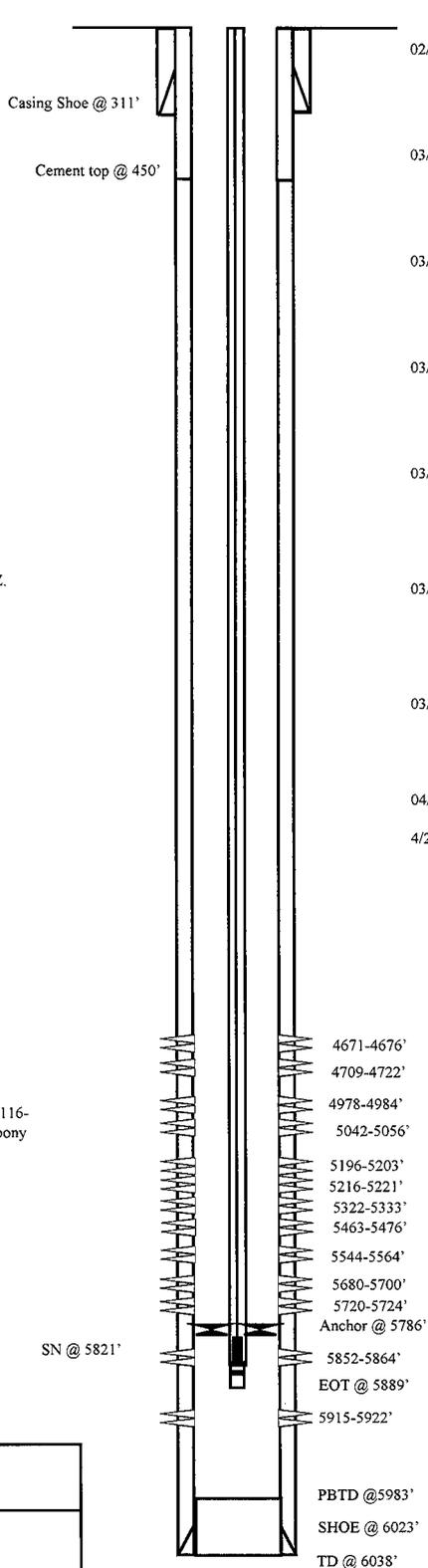
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6025.2')  
 DEPTH LANDED: (6023.2')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premilite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 450'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5773.69')  
 TUBING ANCHOR: 4477.18'  
 NO. OF JOINTS: 1 jt (32.58')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5821.07' KB  
 NO. OF JOINTS: 2 jts (66.74')  
 TOTAL STRING LENGTH: EOT @ 5889.36'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 10- 3/4" guided rods; 116-3/4" slick rods; 100-3/4" guided rods; 1-8", 1-6", & 1-4" x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 21' x 24' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED: 5 SPM



#### FRAC JOB

Date	Depth	Description
02/28/05	5852-5922'	<b>Frac BS &amp; CP5 sands as follows:</b> 64,491# 20/40 sand in 526 bbls Lightning 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. Calc flush: 5850 gal. Actual flush: 5880 gal.
03/01/05	5680-5724'	<b>Frac CP3 sands as follows:</b> 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Calc flush: 5678 gal. Actual flush: 5712 gal.
03/01/05	5463-5564'	<b>Frac CP1 &amp; LODC sands as follows:</b> 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502gal.
03/01/05	5322-5333'	<b>Frac LODC sands as follows:</b> 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8bpm ISIP 2430. Calc flush: 5320 gal. Actual Flush: 5334 gal.
03/01/05	5196-5221'	<b>Frac LODC sands as follows:</b> 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal.
03/01/05	4978-5056'	<b>Frac A.5 &amp; A1 sands as follows:</b> 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8bpm ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal.
03/02/05	4671-4722'	<b>Frac D2 &amp; D3 sands as follows:</b> 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7bpm ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal.
04/08/08		<b>Workover.</b> Rod & Tubing detail updated.
4/25/09		RTP. Updated r & t details.

#### PERFORATION RECORD

Date	Depth	SPF	Holes
2/22/2005	5915-5922'	4 SPF	28 holes
2/22/2005	5852-5864'	4 SPF	48 holes
2/28/2005	5720-5724'	4 SPF	16 holes
2/28/2005	5680-5700'	4 SPF	80 holes
3/01/2005	5544-5564'	4 SPF	80 holes
3/01/2005	5463-5476'	4 SPF	52 holes
3/01/2005	5322-5333'	4 SPF	44 holes
3/01/2005	5216-5221'	4 SPF	20 holes
3/01/2005	5196-5203'	4 SPF	28 holes
3/01/2005	5042-5056'	4 SPF	56 holes
3/01/2005	4978-4984'	4 SPF	24 holes
3/01/2005	4709-4722'	4 SPF	52 holes
3/01/2005	4671-4676'	4 SPF	20 holes

**NEWFIELD**

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**Ashley Federal 10-13-9-15**

1938' FSL & 1967' FEL

NW/SE Section 13-T9S-R15E

Duchesne Co, Utah

API #43-013-32458; Lease #UTU-66184

## Ashley Federal 2-13-9-15

Spud Date: 02/15/05  
 Put on Production: 03/24/05  
 GL: 6106' KB: 6118'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.56')  
 DEPTH LANDED: 314.56' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. est 3 bbls cement to pit.

#### PRODUCTION CASING

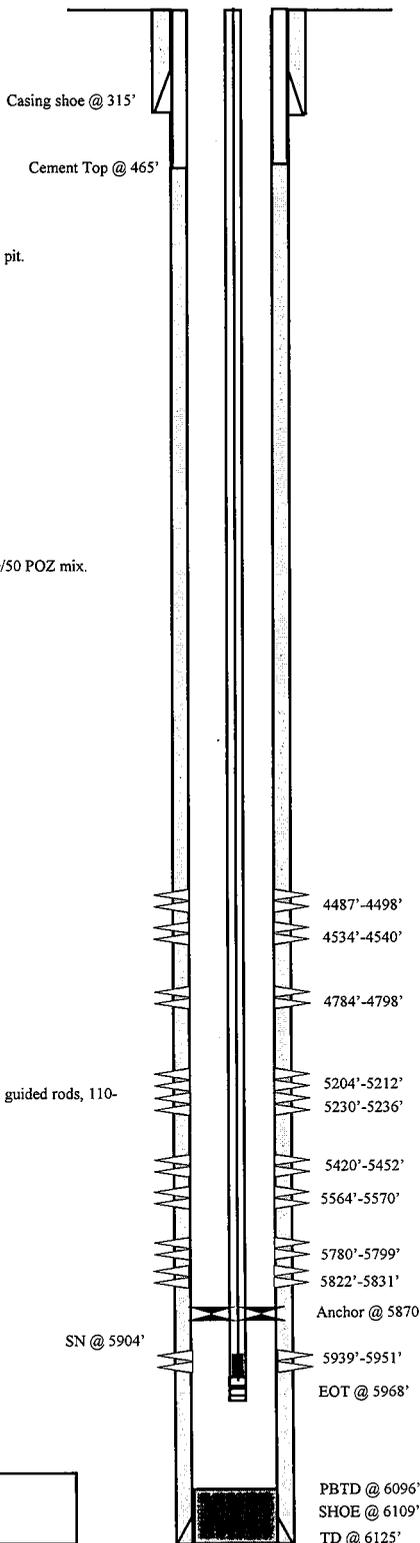
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6110.67')  
 DEPTH LANDED: 6108.67' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 465'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55  
 NO. OF JOINTS: 188 jts (5858.18')  
 TUBING ANCHOR: 5870.18' KB  
 NO. OF JOINTS: 1 jts (31.40')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5904.38' KB  
 NO. OF JOINTS: 2 jts (62.38')  
 TOTAL STRING LENGTH: 5968.31' w/ 12' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-8", 1-6" & 1-2" x 3/4" pony rods, 99-3/4" guided rods, 110-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 10 x 14" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



#### FRAC JOB

03/21/05	5939'-5951'	<b>Frac CP5 sands as follows:</b> 35,014#s of 20/40sand in 367 bbls lightning 17 frac fluid. Treated @ avg press of 1729, w/avg rate of 24.8 bpm. ISIP 1950 psi. Calc flush: 5937 gal. Actual flush: 5964 gal.
03/21/05	5780'-5831'	<b>Frac CP3 and CP2 sands as follows:</b> 90,444#s of 20/40 sand in 676 bbls lightning 17 frac fluid. Treated @ avg press of 1556, w/avg rate of 24.8 bpm. ISIP 1900 psi. Calc flush: 5778 gal. Actual flush: 5754 gal.
03/21/05	5564'-5570'	<b>Frac LODC sands as follows:</b> 20,050#s of 20/40 sand in 262 bbls lightning 17 frac fluid. Treated @ avg press of 2625, w/avg rate of 24.8 bpm. ISIP 3250 psi. Calc flush: 5562 gal. Actual flush: 5628 gal.
03/21/05	5420'-5452'	<b>Frac LODC sands as follows:</b> 109,531#s of 20/40 sand in 779 bbls lightning 17 frac fluid. Treated @ avg press of 2314, w/avg rate of 24.6 bpm. ISIP 2500 psi. Calc flush: 5418 gal. Actual flush: 5460 gal.
03/21/05	5204'-5236'	<b>Frac A3 sands as follows:</b> 40,042#s of 20/40 sand in 374 bbls lightning 17 frac fluid. Treated @ avg press of 2129, w/avg rate of 24.8 bpm. ISIP 3550 psi. Calc flush: 5202 gal. Actual flush: 5208 gal.
03/21/05	4784'-4798'	<b>Frac D2 sands as follows:</b> 39,711#s of 20/40 sand in 364 bbls lightning 17 frac fluid. Treated @ avg press of 1756, w/avg rate of 24.8 bpm. ISIP 2100 psi. Calc flush: 4782 gal. Actual flush: 4788 gal.
03/21/05	4487'-4540'	<b>Frac PB11 and PB10 sands as follows:</b> 27,341#s of 20/40 sand in 285 bbls lightning 17 frac fluid. Treated @ avg press of 1882, w/avg rate of 14.3 bpm. ISIP 2400 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.
9-23-08		Pump Change. Updated rod & tubing details.
5/13/09		Tubing Leak. Updated r & t details.
03/14/05	5939'-5951'	4 JSPF 48 holes
03/21/05	5822'-5831'	4 JSPF 36 holes
03/21/05	5780'-5799'	4 JSPF 76 holes
03/21/05	5564'-5570'	4 JSPF 24 holes
03/21/05	5420'-5452'	2 JSPF 64 holes
03/21/05	5230'-5236'	4 JSPF 24 holes
03/21/05	5204'-5212'	4 JSPF 32 holes
03/21/05	4784'-4798'	4 JSPF 56 holes
03/21/05	4534'-4540'	4 JSPF 24 holes
03/21/05	4487'-4498'	4 JSPF 44 holes

#### PERFORATION RECORD

### NEWFIELD

Ashley Federal 2-13-9-15  
 717' FNL & 1889' FEL  
 NW/NE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32462; Lease #UTU-66184

## ASHLEY FEDERAL 7-13-9-15

Spud Date: 01/31/05  
 Put on Production: 03/10/2005  
 GL: 6100' KB: 6112'

Initial Production: 38BOPD,  
 11MCFD, 91BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

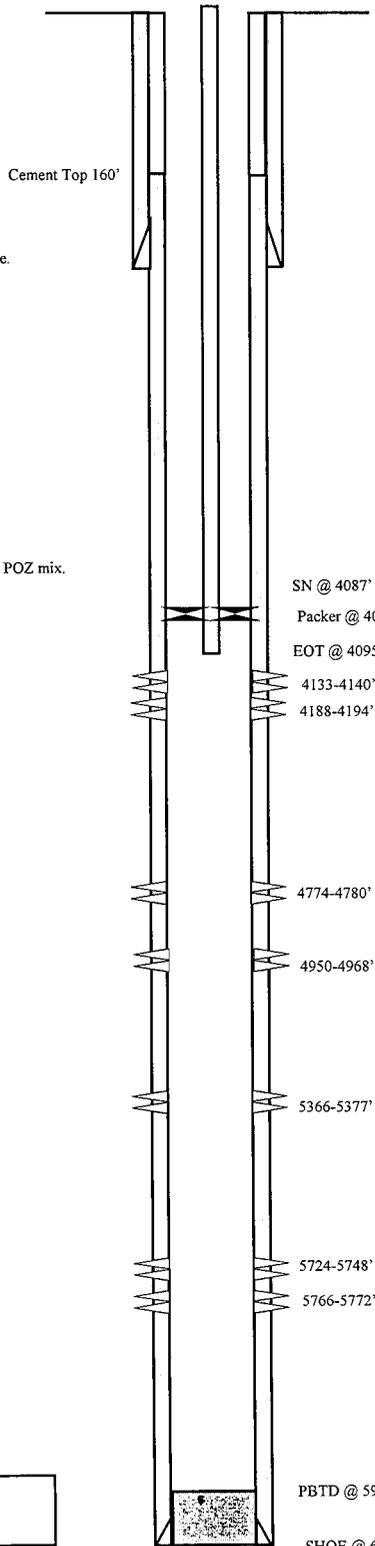
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.25')  
 DEPTH LANDED: 315.25' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. 3 bbls cement to surface.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6044.91')  
 DEPTH LANDED: 6042.91' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 558 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 160'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55  
 NO. OF JOINTS: 122 jts (4074.63')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4086.63'  
 TOTAL STRING LENGTH: 4095.13'



**FRAC JOB**

**3/7/05 5724-5772'** **Frac CP3 sands as follows:**  
 48,681#'s of 20/40 sand in 438 bbls lightning 17 frac fluid. Treated @ avg press of 1475, w/avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 5724 gal. Actual flush: 5720 gal.

**3/7/05 5366-5377'** **Frac LODC sands as follows:**  
 28,621#'s of 20/40 sand in 322 bbls lightning 17 frac fluid. Treated @ avg press of 2385, w/avg rate of 24.8 bpm. ISIP 2800 psi. Calc flush: 5366 gal. Actual flush: 5376 gal.

**3/7/05 4950-4968'** **Frac B2 sands as follows:**  
 39,077#'s of 20/40 sand in 369 bbls lightning 17 frac fluid. Treated @ avg press of 1752, w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc flush: 4950 gal. Actual flush: 4998 gal.

**3/7/05 4774-4780'** **Frac D3 sands as follows:**  
 19,199#'s of 20/40 sand in 324 bbls lightning 17 frac fluid. Treated @ avg press of 1880, w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc flush: 4774 gal. Actual flush: 4788 gal.

**3/7/05 4133-4194'** **Frac GB4 & 6 sands as follows:**  
 48,627#'s of 20/40 sand in 386 bbls lightning 17 frac fluid. Treated @ avg press of 1752 w/avg rate of 24.7 bpm. ISIP 1980 psi. Calc flush: 4133 gal. Actual flush: 4032 gal.

**2/7/06**  
**3/13/06**  
**10-17-07**

**Well converted to an injection well.**  
**Initial MIT completed and submitted.**  
**Tubing Leak. Updated rod & tubing details.**

**PERFORATION RECORD**

Date	Interval	Tool	Holes
2/25/05	5766'-5772'	4 JSPF	24 holes
2/25/05	5724'-5748'	4 JSPF	96 holes
3/7/05	5366'-5377'	4 JSPF	44 holes
3/7/05	4950'-4868'	4 JSPF	72 holes
3/7/05	4774'-4780'	4 JSPF	24 holes
3/7/05	4188'-4194'	4 JSPF	24 holes
3/7/05	4133'-4140'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 7-13-9-15  
 1998' FNL & 1856' FEL  
 SW/NE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32461; Lease #UTU-66184

## Ashley Federal 8-13-9-15

Spud Date: 6-2-05  
Put on Production: 7-29-05

GL: 6070' KB: 6082'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.93')  
DEPTH LANDED: 313.78' 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: 142 jts. (6032.98')  
DEPTH LANDED: 6032.23' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 260'

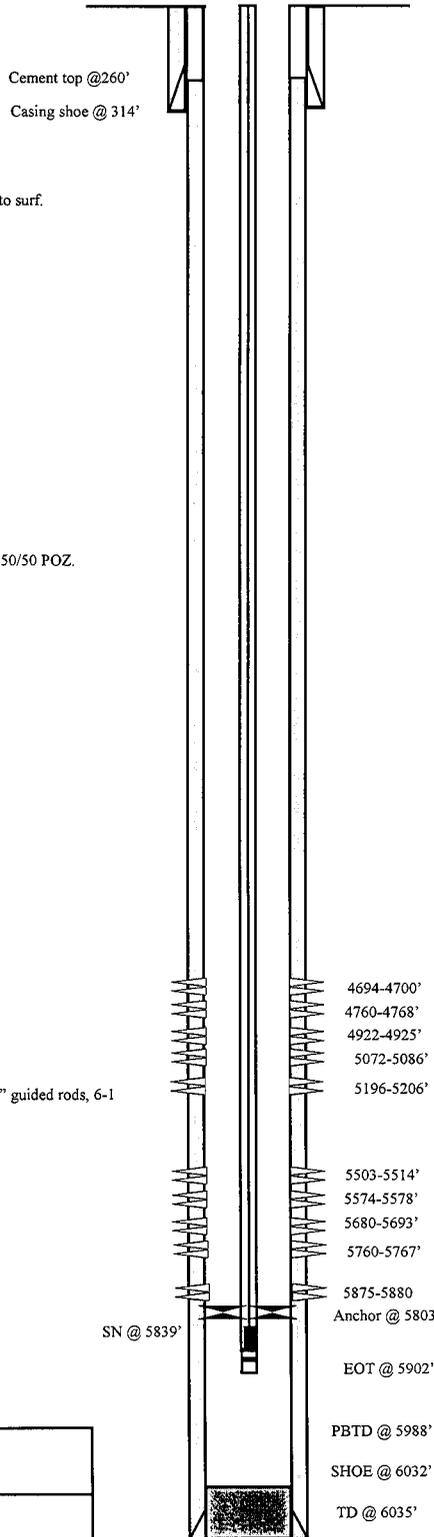
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 185 jts (5792.4')  
TUBING ANCHOR: 5804.4'  
NO. OF JOINTS: 1 jts (31.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5838.6'  
NO. OF JOINTS: 2 jts (62.5')  
TOTAL STRING LENGTH: EOT @ 5903'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2', 1-6', 2-16' x 3/4" pony rods, 226-3/4" guided rods, 6-1 1/2" wt bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

7-25-05	5680-5880'	<b>Frac CP3, CP4 &amp; CP5 sands as follows:</b> 78974# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1453 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 5677 gal. Actual flush: 5712 gal.
7-25-05	5503-5578'	<b>Frac CP1 &amp; LODC sands as follows:</b> 58898# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1474 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 5501 gal. Actual flush: 5502 gal.
7-25-05	5196-5206'	<b>Frac LODC sands as follows:</b> 38665# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2606 psi w/avg rate of 24.5 BPM. ISIP 2700 psi. Calc flush: 5194 gal. Actual flush: 5250 gal.
7-25-05	5072-5086'	<b>Frac A1 sands as follows:</b> 58776# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5069 gal. Actual flush: 5124 gal.
7-25-05	4694-4925'	<b>Frac B .S, D3 &amp; D1 sands as follows:</b> 68044# 20/40 sand in 540 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 4692 gal. Actual flush: 4620 gal.
8/2/07		Pump change. Updated rod & tubing details.
11-8-07		Tubing Leak. Updated rod & tubing details.
08/20/08		Major Workover. Rod & tubing updated.
1/27/09		Tubing Leak. Updated r & t detail.
8/20/09		Tubing Leak. Updated rod & tubing details.
3/06/2010		Parted rods. Updated rod and tubing details.
05/14/2010		Parted rods. Updated rod and tubing details.

### PERFORMANCE RECORD

7-20-05	5875-5880'	4 JSPF	20 holes
7-20-05	5760-5767'	4 JSPF	28 holes
7-20-05	5680-5693'	4 JSPF	52 holes
7-25-05	5574-5578'	4 JSPF	16 holes
7-25-05	5503-5514'	4 JSPF	44 holes
7-25-05	5196-5206'	4 JSPF	40 holes
7-25-05	5072-5086'	4 JSPF	64 holes
7-25-05	4922-4925'	4 JSPF	12 holes
7-25-05	4760-4768'	4 JSPF	32 holes
7-25-05	4694-4700'	4 JSPF	24 holes

**NEWFIELD**

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**Ashley Federal 8-13-9-15**

2107' FNL & 338' FEL

SE/NE Section 13-T9S-R15E

Duchesne Co, Utah

API #43-013-32460; Lease #UTU-66182

# Ashley Federal 9-13-9-15

Spud Date: 5/30/05  
 Put on Production: 7/15/05  
 GL: 6113' KB: 6125'

Initial Production: 72 BOPD, 4  
 MCFD, 75 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

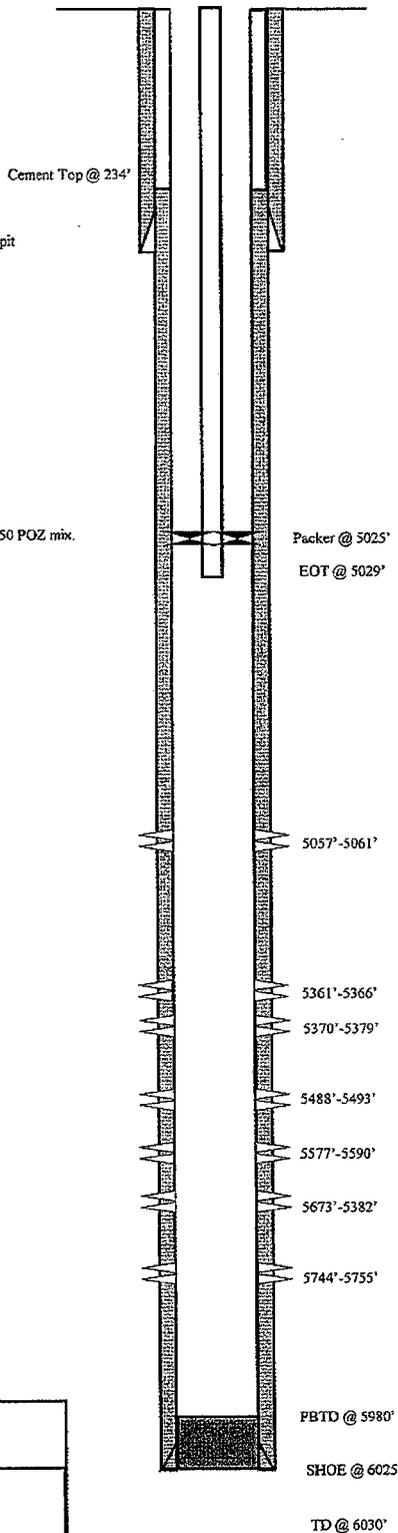
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.59')  
 DEPTH LANDED: 314.59' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. Est 4 bbls cement to pit

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6026.97')  
 DEPTH LANDED: 6024.97' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ mix.  
 CEMENT TOP AT: 234'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5008.38')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5020.38' KB  
 TOTAL STRING LENGTH: 5028.93' w/ 12' KB



**FRAC JOB**

7/8/05 5673'-5755' Frac CP3 and CP4 sands as follows:  
 63,817# of 20/40 sand in 528 bbls lightning  
 17 frac fluid. Treated @ avg press of 1142,  
 w/avg rate of 24.6 bpm. ISIP 1800 psi. Calc  
 flush: 5671 gal. Actual flush: 5460 gal.

7/8/05 5577'-5590' Frac CP1 sands as follows:  
 34,856# of 20/40 sand in 360 bbls lightning  
 17 frac fluid. Treated @ avg press of 1533,  
 w/avg rate of 24.4 bpm. ISIP 1650 psi. Calc  
 flush: 5575 gal. Actual flush: 5389 gal.

7/8/05 5488'-5493' Frac LODC sands as follows:  
 15,991# of 20/40 sand in 264 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1970, w/avg rate of 24.8 bpm. ISIP 2000  
 psi. Calc flush: 5486 gal. Actual flush: 5380  
 gal.

7/8/05 5361'-5379' Frac LODC sands as follows:  
 44,731# of 20/40 sand in 405 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1927, w/avg rate of 24.5 bpm. ISIP 3800  
 psi. Calc flush: 5359 gal. Actual flush: 4801  
 gal.

7/13/05 5057'-5061' Frac A1 sands as follows:  
 12,743# of 20/40 sand in 139 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 3351, w/avg rate of 14.4 bpm. ISIP 2100  
 psi. Calc flush: ?gal. Actual flush: 1176  
 gal.

6/5/06 Well converted to an Injection well.

6/22/06 MIT completed and submitted.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
7/05/05	5744'-5755'	4 JSPF	44 holes
7/05/05	5673'-5682'	4 JSPF	36 holes
7/08/05	5577'-5590'	4 JSPF	52 holes
7/08/05	5488'-5493'	4 JSPF	20 holes
7/08/05	5370'-5379'	4 JSPF	36 holes
7/08/05	5361'-5366'	4 JSPF	20 holes
7/08/05	5057'-5061'	4 JSPF	16 holes

**NEWFIELD**

Ashley Federal 9-13-9-15  
 2068' FSL & 489' FEL  
 NE/SE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32459; Lease #UTU-66184

## ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05  
 Put on Production: 03/01/2005  
 GL: 6157' KB: 6169'

Initial Production: 85BOPD,  
 254MCFD, 18BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

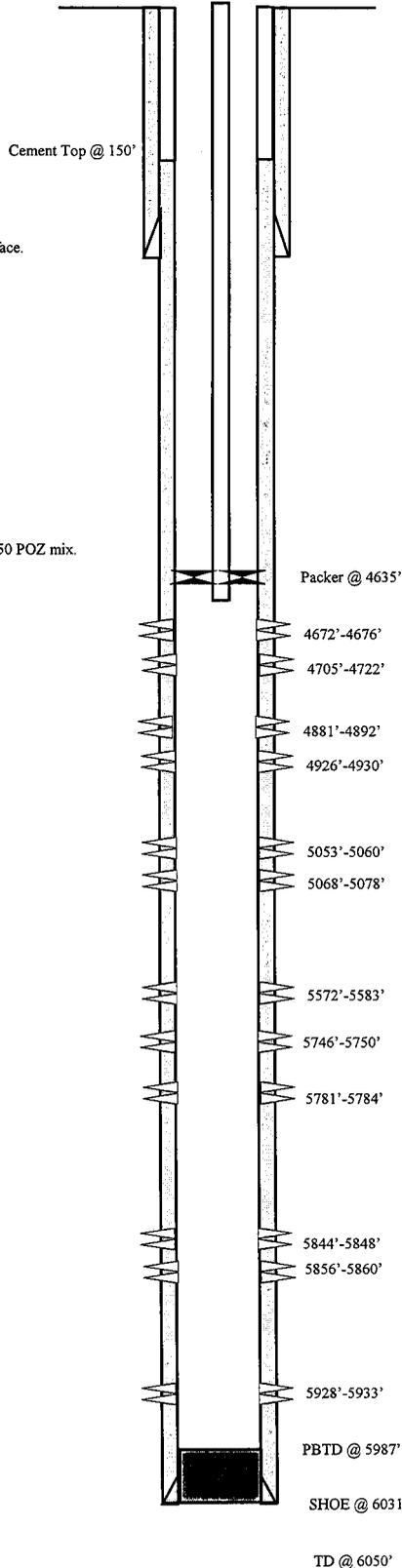
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298.09')  
 DEPTH LANDED: 308.09' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6032.98')  
 DEPTH LANDED: 6030.98' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ mix.  
 CEMENT TOP AT: 150'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 139 jts (4617.60')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4629.60' KB  
 TOTAL STRING LENGTH: 4638.10' w/ 12' KB



**FRAC JOB**

- 02/23/05 5746'-5933' **Frac BSSD, CP5,CP4,CP3 sands as follows:**  
 39,925#s of 20/40 sand in 389 bbls lightning  
 17 frac fluid. Treated @ avg press of 1790,  
 w/avg rate of 24.7 bpm. ISIP 2025 psi. Calc  
 flush: 5744 gal. Actual flush: 5783 gal.
- 02/23/05 5572'-5583' **Frac CP1 sands as follows:**  
 20,108#s of 20/40 sand in 256 bbls lightning  
 17 frac fluid. Treated @ avg press of 2040,  
 w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc  
 flush: 5570 gal. Actual flush: 5586 gal.
- 02/23/05 5053'-5078' **Frac A1 sands as follows:**  
 75,275#s of 20/40 sand in 567 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1890, w/avg rate of 24.9 bpm. ISIP 2200  
 psi. Calc flush: 5051 gal. Actual flush: 5040  
 gal.
- 02/23/05 4881'-4930' **Frac B2 and B.5 sands as follows:**  
 34,521#s of 20/40 sand in 336 bbls lightning  
 17 frac fluid. Treated @ avg press of 1990,  
 w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc  
 flush: 4879 gal. Actual flush: 4914 gal.
- 02/24/05 4672'-4722' **Frac D2 and D1 sands as follows:**  
 81,299#s of 20/40 sand in 587 bbls lightning  
 17 frac fluid. Treated @ avg press of 1990  
 w/avg rate of 24.7 bpm. ISIP 2400 psi. Calc  
 flush: 4670 gal. Actual flush: 4578 gal.
- 3/3/2006 **Well converted to an Injection well.**
- 3/27/2006 **MIT Completed and submitted.**
- 5/28/09 **Marcit Squeeze**

**PERFORATION RECORD**

Date	Depth Range	Number of Holes	Notes
02/16/05	5928'-5933'	4	JSPF 20 holes
02/16/05	5856'-5860'	4	JSPF 16 holes
02/16/05	5844'-5848'	4	JSPF 16 holes
02/16/05	5781'-5784'	4	JSPF 12 holes
02/16/05	5746'-5750'	4	JSPF 16 holes
02/23/05	5572'-5583'	4	JSPF 44 holes
02/23/05	5068'-5078'	4	JSPF 40 holes
02/23/05	5053'-5060'	4	JSPF 28 holes
02/23/05	4926'-4930'	4	JSPF 16 holes
02/23/05	4881'-4892'	4	JSPF 44 holes
02/23/05	4705'-4722'	4	JSPF 68 holes
02/23/05	4672'-4676'	4	JSPF 16 holes

**NEWFIELD**

Ashley Federal 11-13-9-15  
 1790' FSL & 2043' FEL  
 NE/SW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32457; Lease #UTU-66184

## Ashley Federal 12-13-9-15

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

Initial Production: 60 BOPD,  
 108 MCFD, 9 BWPD

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

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

#### SUCKER RODS

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

#### FRAC JOB

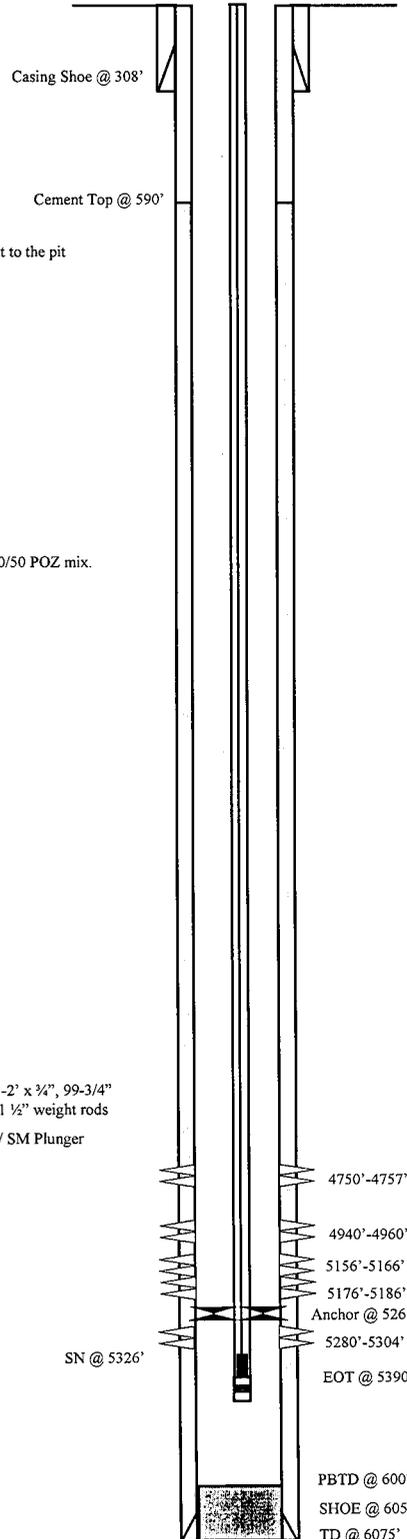
02/15/05 5280'-5304' **Frac LODC sands as follows:**  
 84,834#'s of 20/40sand in 651 bbls lightning  
 17 frac fluid. Treated @ avg press of 2299  
 psi, w/avg rate of 24.8 bpm. ISIP 2670 psi.  
 Calc flush: 5278 gal. Actual flush: 5292 gal.

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

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

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

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



#### PERFORATION RECORD

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

**NEWFIELD**

Ashley Federal 12-13-9-15  
 1984' FSL & 658' FWL  
 NW/SW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32456; Lease #UTU-66184

## Ashley Federal 13-13-9-15

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

Initial Production: 22 BOPD,  
 92 MCFPD, 14 BWPD

### SURFACE CASING

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

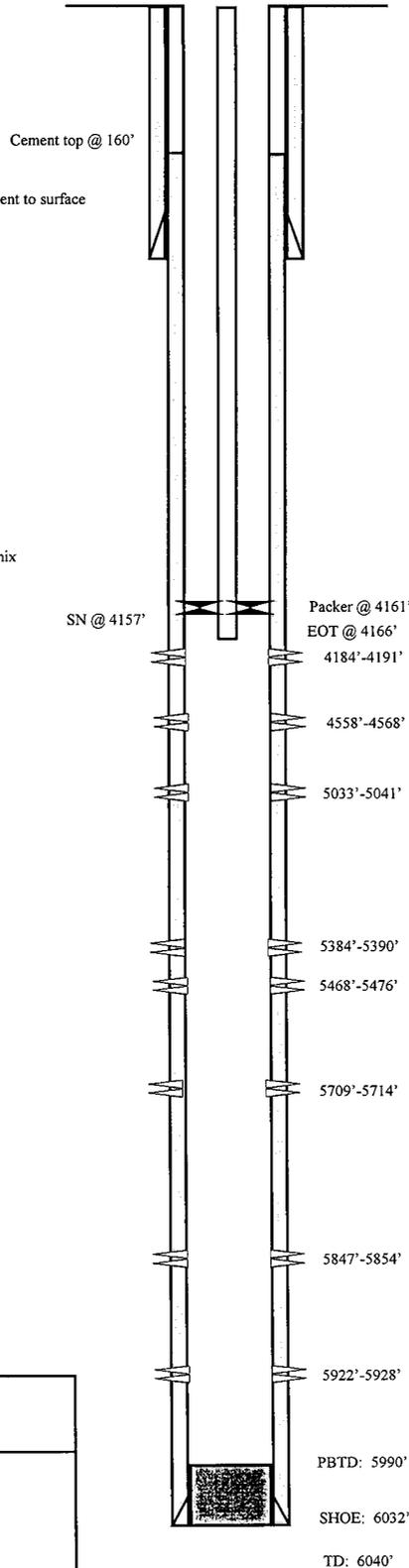
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6033.78')  
 DEPTH LANDED: 6031.78' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix  
 CEMENT TOP: 160'

### TUBING

SIZE/GRADE/WT.: 2 7/8" - 6.5# - J-55  
 NO. OF JOINTS: 131 jts. (4145.18')  
 SN LANDED AT: 1.10' (4157.18') KB  
 NO. OF JOINTS: 2 jts. (63.63')  
 TOTAL STRING LENGTH: 4165.68' w/ 12' KB

### Injection Wellbore Diagram



### FRAC JOB

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

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

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

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

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

11/1/05  
 11/17/05

**Well converted to Injection well.**  
**MIT submitted.**

### PERFORATION RECORD

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

**NEWFIELD**

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

665' FSL & 656' FWL

SW/SW Section 13-T9S-R15E

Duchesne Co, Utah

API 43-013-32455; Lease UTU68548

## Ashley Federal 14-13-9-15

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

Initial Production: 46 BOPD,  
 32 MCFD, 92 BWPD

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

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

#### SUCKER RODS

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

#### FRAC JOB

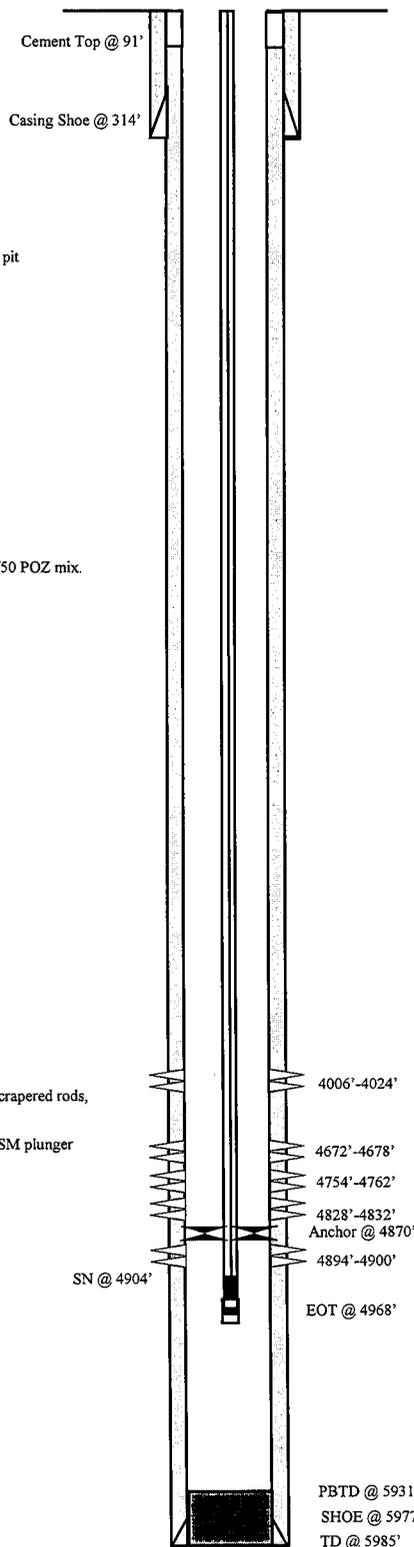
9/19/05 4828'-4900' **Frac B.5 & 2 sands as follows:**  
 59,638#'s of 20/40sand in 476 bbls lightning  
 17 frac fluid. Treated @ avg press of 1690,  
 w/avg rate of 25 bpm. ISIP 2300 psi. Calc  
 flush: 4826 gal. Actual flush: 4872 gal.

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

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

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

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



#### PERFORATION RECORD

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

**NEWFIELD**

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

## Ashley Federal 15-13-9-15

Spud Date: 3-15-05  
 Put on Production: 5-16-05  
 GL: 6114' KB: 6126'

Initial Production: BOPD 52,  
 MCFD 47, BWPD 152

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.02')  
 DEPTH LANDED: 312.87' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

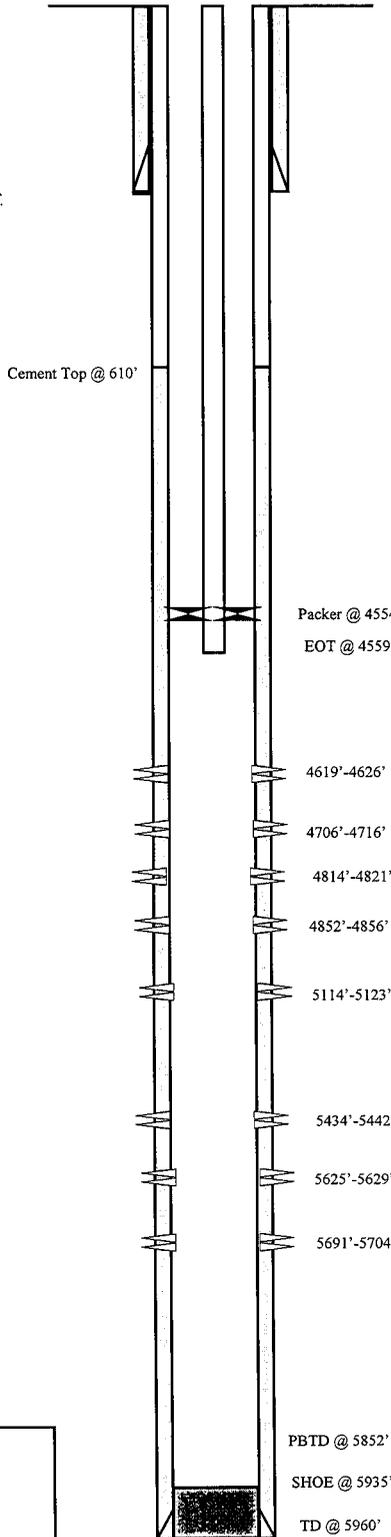
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 166 jts. (5921.78')  
 DEPTH LANDED: 5935.03' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 610'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 136 jts (4538.59')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4550.59' KB  
 TOTAL STRING LENGTH: EOT @ 4559.09' KB

Injection Wellbore  
 Diagram



### FRAC JOB

5-12-05 5625'-5704'' **Frac CP2 & CP3 sand as follows:**  
 44,713#'s 20/40 sand in 441 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1843 psi  
 w/avg rate of 24.7 BPM. ISIP was 1925 psi.  
 Calc flush: 5623 gal. Actual flush: 5670 gal.

5-12-05 5434'-5442'' **Frac LODC sand as follows:**  
 30,309#'s 20/40 sand in 327 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2120 psi  
 w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc  
 flush: 5432 gal. Actual flush: 5418 gal.

5-12-05 5114'-5123'' **Frac LODC sand as follows:**  
 25,380#'s 20/40 sand in 284 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2056 psi  
 w/avg rate of 24.9 BPM. ISIP 2260 psi. Calc  
 flush: 5112 gal. Actual flush: 5124 gal.

5-12-05 4814'-4856'' **Frac B1 & B.5 sand as follows:**  
 55,249#'s 20/40 sand in 459 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2102 psi  
 w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc  
 flush: 4812 gal. Actual flush: 4830 gal.

5-12-05 4706'-4716'' **Frac D3 sand as follows:**  
 45,168#'s 20/40 sand in 405 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1868 psi  
 w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc  
 flush: 4704 gal. Actual flush: 4788 gal

5-12-05 4619'-4626'' **Frac D1 sand as follows:**  
 30,160#'s 20/40 sand in 306 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2332 psi  
 w/avg rate of 24.6 BPM. ISIP 2800 psi. Calc  
 flush: 4617 gal. Actual flush: 4536 gal.

09/09/05 Parted Rods. Detail tubing and rod Updated.  
 6/8/06 Well converted to an injection well.  
 6/30/06 MIT completed and submitted.

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
5-4-05	5691-5704'	4 JSPF	52 holes
5-5-05	5625-5629'	4 JSPF	16 holes
5-12-05	5434-5442'	4 JSPF	32 holes
5-12-05	5114-5123'	4 JSPF	36 holes
5-12-05	4852-4856'	4 JSPF	16 holes
5-12-05	4814-4821'	4 JSPF	28 holes
5-12-05	4706-4716'	4 JSPF	40 holes
5-12-05	4619-4626'	4 JSPF	28 holes



**Ashley Federal 15-13-9-15**  
 570' FSL & 2050' FEL  
 SW/SE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32454; Lease #UTU-68548

## Ashley Federal 16-13-9-15

Spud Date: 6/23/05  
 Put on Production: 8/12/05  
 GL: 6127' KB: 6139'

Initial Production: 31 BOPD,  
 14 MCFD, 51 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.09')  
 DEPTH LANDED: 314.09' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. Est 6 bbls cement to pit

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. (5977.86')  
 DEPTH LANDED: 5975.86' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 70'

#### TUBING

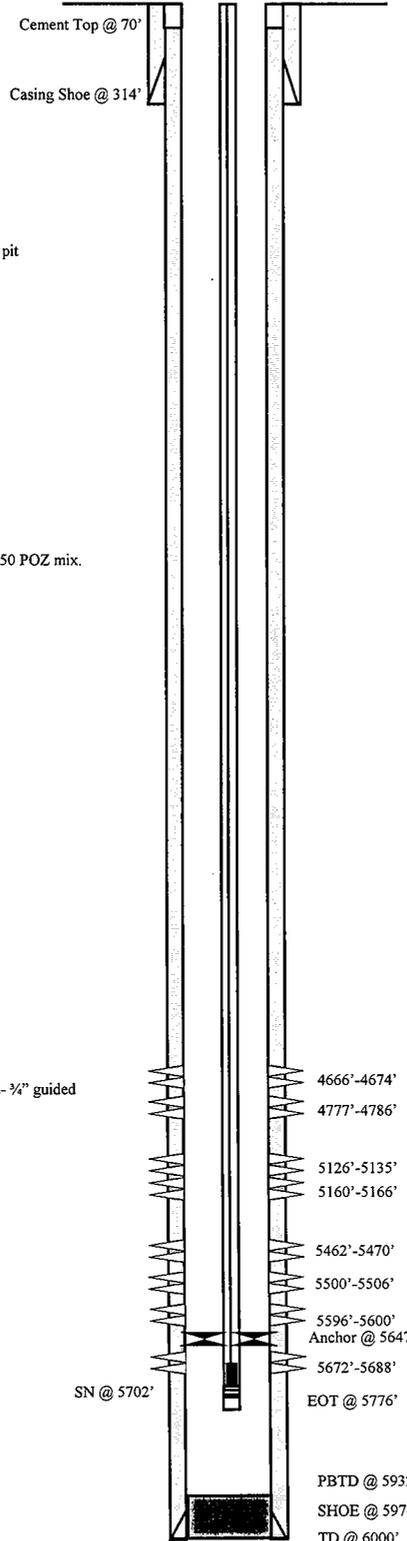
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 180 jts (5634.7')  
 TUBING ANCHOR: 5646.7' KB  
 NO. OF JOINTS: 2 jts (62.2')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5711.7' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 5776'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-2' x 3/4" pony rod, 1-8' x 3/4" pony rod, 222-3/4" guided rods, 6- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

#### FRAC JOB

8/8/05 5596'-5688'	<b>Frac CP2 and CP3 sands as follows:</b> 48,881#'s of 20/40sand in 437 bbls lightning 17 frac fluid. Treated @ avg press of 1399, w/avg rate of 24.6 bpm. ISIP 2000 psi. Calc flush: 5594 gal. Actual flush: 5368 gal.
8/8/05 5462'-5506'	<b>Frac LODC sands as follows:</b> 30,693#'s of 20/40 sand in 330 bbls lightning 17 frac fluid. Treated @ avg press of 1837, w/avg rate of 24.9 bpm. ISIP 2200 psi. Calc flush: 5460 gal. Actual flush: 5212 gal.
8/9/05 5126'-5166'	<b>Frac LODC sands as follows:</b> 30,385#'s of 20/40 sand in 317 bbls lightning 17 frac fluid. Treated @ avg press of 1882, w/avg rate of 24.9 bpm. ISIP 2750 psi. Calc flush: 5124 gal. Actual flush: 4885 gal.
8/9/05 4777'-4786'	<b>Frac C sands as follows:</b> 39,987#'s of 20/40 sand in 370 bbls lightning 17 frac fluid. Treated @ avg press of 1674, w/avg rate of 24.7 bpm. ISIP 1800 psi. Calc flush: 4775 gal. Actual flush: 4536 gal.
8/9/05 4666'-4674'	<b>Frac D2 sands as follows:</b> 35,978#'s of 20/40 sand in 349 bbls lightning 17 frac fluid. Treated @ avg press of 1831, w/avg rate of 24.6 bpm. ISIP 1950 psi. Calc flush: 4664 gal. Actual flush: 4536 gal.
6/30/08	Hole in Tubing. Rod & tubing detail updated.
1/28/09	Tubing Leak. Updated r & t detail.
1/10/10	Parted rods. Updated rod and tubing detail.
6/17/2010	Parted rods. Updated rod and tubing detail.
7/2/2010	Parted rods. Updated rod and tubing detail.



#### PERFORATION RECORD

8/3/05	5672'-5688'	4 JSPF	64 holes
8/3/05	5596'-5600'	4 JSPF	16 holes
8/8/05	5500'-5506'	4 JSPF	24 holes
8/8/05	5462'-5470'	4 JSPF	32 holes
8/9/05	5160'-5166'	4 JSPF	24 holes
8/9/05	5126'-5135'	4 JSPF	36 holes
8/9/05	4777'-4786'	4 JSPF	36 holes
8/9/05	4666'-4674'	4 JSPF	32 holes

**NEWFIELD**



Ashley Federal 16-13-9-15  
 682' FSL & 523' FEL  
 SE/SE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32668; Lease #UTU-68548

## Ashley Federal 2-24-9-15

Spud Date: 6-30-05  
Put on Production: 9-2-05

GL: 6187' KB: 6199'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.11')  
DEPTH LANDED: 315.01' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts. (5963.71')  
DEPTH LANDED: 5976.96' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 270'

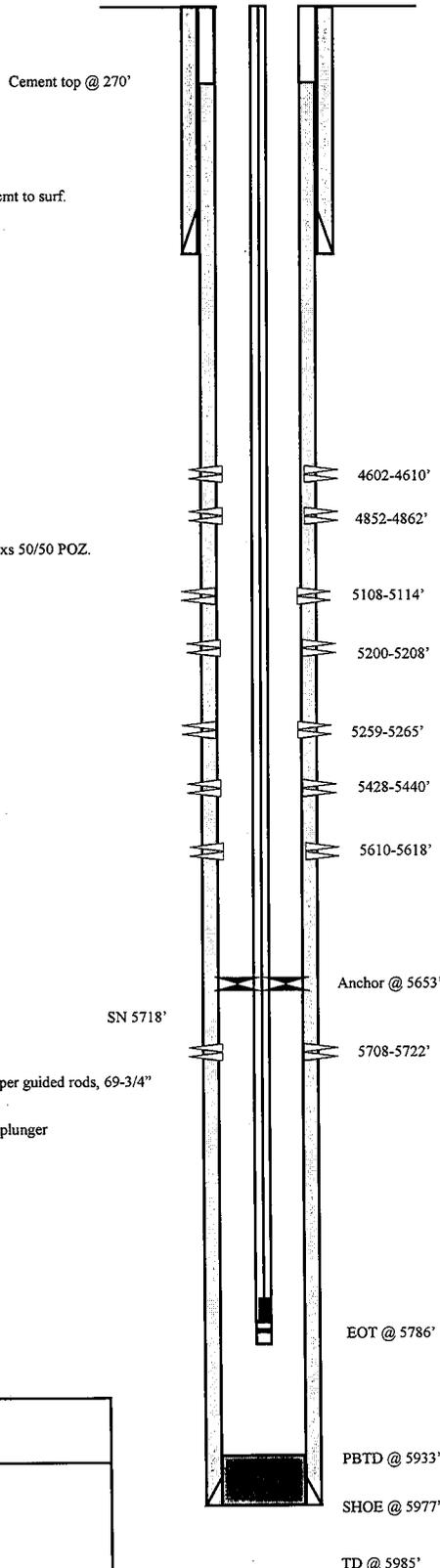
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5640.09')  
TUBING ANCHOR: 5652.9' KB  
NO. OF JOINTS: 1 jts (62.7')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5718.4' KB  
NO. OF JOINTS: 2 jts (66.10')  
TOTAL STRING LENGTH: EOT @ 5786' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 99-3/4" 4 per guided rods, 69-3/4" sucker rods, 54-3/4" guided rods, 6-1 1/2" sinker rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 12' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5. SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

8-29-05	5610-5722'	<b>Frac CP2, CP4 sands as follows:</b> 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.
8-29-05	5428-5440'	<b>Frac LODC sands as follows:</b> 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.
8-29-05	5108-5265'	<b>Frac LODC sands as follows:</b> 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.
8-29-05	4852-4862'	<b>Frac B1 sands as follows:</b> 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850 gal. Actual flush: 4872 gal.
8-29-05	4602-4610'	<b>Frac D1 sands as follows:</b> 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal
1/14/09		Tubing Leak. Updated rod & tubing details.
11/23/10		Tubing Leak. Updated rod & tubing details

### PERFORATION RECORD

8-15-05	5610-5618'	4 JSPF	32 holes
8-15-05	5708-5722'	4 JSPF	56 holes
8-29-05	5428-5440'	4 JSPF	48 holes
8-29-05	5259-5265'	4 JSPF	24 holes
8-29-05	5200-5208'	4 JSPF	32 holes
8-29-05	5108-5114'	4 JSPF	24 holes
8-29-05	4852-4862'	4 JSPF	40 holes
8-29-05	4602-4610'	4 JSPF	32 holes

**NEWFIELD**

**Ashley Federal 2-24-9-15**

661' FNL & 1784' FEL

NW/NE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32645; Lease #UTU-66185

## Ashley 6-13-9-15

Spud Date: 02/03/05  
Put on Production: 03/21/05

GL: 6157' KB: 6169'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (295.17')  
DEPTH LANDED: 315' 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: 159 jts. (6114.88')  
DEPTH LANDED: 6112.88' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 304 sxs Prem. Lite II mixed & 465 sxs 50/50 POZ.  
CEMENT TOP AT: 315'

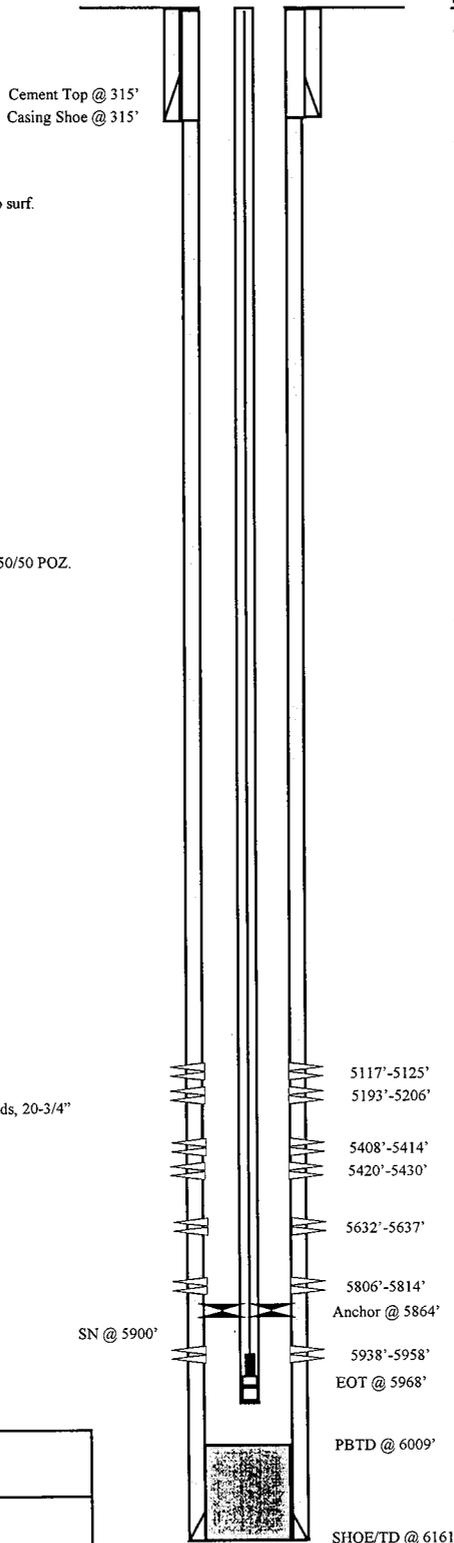
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 176 jts (5863.51')  
TUBING ANCHOR: 5863.51' KB  
NO. OF JOINTS: 1 jts (33.42')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5899.70' KB  
NO. OF JOINTS: 2 jts (66.89')  
TOTAL STRING LENGTH: EOT @ 5968' W/12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 100-3/4" scraped rods, 110-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 13" x 16" RHAC pump  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

### Wellbore Diagram



Initial Production: 22 BOPD,  
129 MCFD, 10 BWPD

### FRAC JOB

03/14/05	5938'-5958'	<b>Frac CP5 sands as follows:</b> 60,121# 20/40 sand in 495 bbls Lightning 17 frac fluid. Treated @ avg press of 2021 psi w/avg rate of 25.1 BPM. ISIP 2500 psi. Calc flush: 5955 gal. Actual flush: 5964 gal.
3/14/05	5806'-5814'	<b>Frac CP3sands as follows:</b> 29,892# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1992 psi w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc flush: 5814 gal. Actual flush: 5838 gal.
03/14/05	5632'-5637'	<b>Frac CP1 sands as follows:</b> 20,165# 20/40 sand in 264 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 25.1 BPM. ISIP 2550 psi. Calc flush: 5634 gal. Actual flush: 5670 gal.
3/15/05	5420' - 5430' & 5408' - 5414'	<b>Frac LODC sands as follows:</b> 74,581# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 2548 psi w/ avg rate of 25.1 BPM. ISIP 2240 psi. Calc flush: 5411 gal. Actual flush: 5460 gal.
3/15/05	5193' - 5206' & 5117' - 5125'	<b>Frac A3 &amp; A1 sands as follows:</b> 65,622# 20/40 sand in 506 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/ avg rate of 25.2 BPM. ISIP 2240 psi. Calc flush: 5204 gal. Actual flush: 5040 gal.
08/04/06		Pump Change. Update rod and tubing details.
3/10/09		Pump Change. Updated r & t details.
9/21/09		Pump Change. Updated rod & tubing details.
03/13/10		Pump Change. Updated rod & tubing details.

### PERFORATION RECORD

3/08/05	5938'-5958'	4 JSPF	80 holes
3/14/05	5806'-5814'	4 JSPF	32 holes
3/14/05	5632'-5637'	4 JSPF	20 holes
3/14/05	5420'-5430'	4 JSPF	40 holes
3/14/05	5408'-5414'	4 JSPF	24 holes
3/15/05	5193'-5206'	4 JSPF	52 holes
3/15/05	5117'-5125'	4 JSPF	32 holes

**NEWFIELD**

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**Ashley 6-13-9-15**  
1992' FNL & 2268' FWL  
SENW Section 13-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32464; Lease #UTU-66184

## Federal 12-18-9-16

Spud Date: 10-11-07  
 Put on Production: 11-9-07  
 GL: 6120' KB: 6132'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

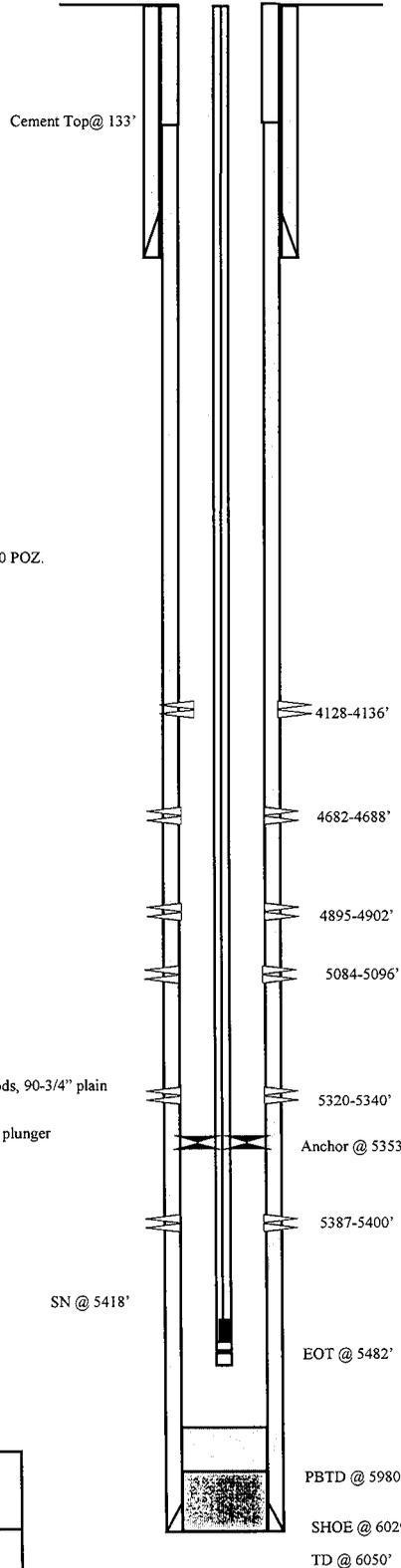
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 155 jts. (6015')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6029'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 133'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5341.36')  
 TUBING ANCHOR: 5353.36'  
 NO. OF JOINTS: 2 jts (61.70')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5417.88' KB  
 NO. OF JOINTS: 2 jts (62.17')  
 TOTAL STRING LENGTH: EOT @ 5481.60'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2' x 3/4" pony rod, 100-3/4" scraped rods, 90-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20" RHAC pump w/SM plunger  
 STROKE LENGTH: 102"  
 PUMP SPEED, SPM: 5



### FRAC JOB

Date	Job ID	Description
11-1-07	5320-5400'	<b>Frac LODC sands as follows:</b> 218,841# 20/40 sand in 1483 bbls Lightning 17 fluid. Treat at 2227 psi @ 24.8 BPM. ISIP 2451/psi. Calc flush: 5318 gal. Actual flush: 4813 gal.
11-6-07	5084-5096'	<b>Frac A1 sands as follows:</b> 45,166# 20/40 sand in 448 bbls Lightning 17 fluid. Treat at 2174 psi @ 24.8 BPM. ISIP 2509 psi. Calc flush: 5082 gal. Actual flush: 4578 gal.
11-6-07	4895-4902'	<b>Frac B.5 sands as follows:</b> Frac with 25,406 # 20/40 sand in 352 bbls Lightning 17 fluid. Treat at 2034 psi @ 24.8BPM. ISIP 1836 psi. Calc flush: 4893 gal. Actual flush: 4989 gal.
11-6-07	4682-4688'	<b>Frac D1 sand as follows:</b> Frac with 15,5400 # 20/40 sand in 264 bbls Lightning 17 fluid. Treat at 2207 psi @ 24.8 BPM. ISIP 2197 psi. Calc flush: 4680 gal. Actual flush: 4175 gal.
11-6-07	4128-4136'	<b>Frac GB-2 sands as follows:</b> Frac with 28,328 # 20/40 sand in 368 bbls Lightning 17 fluid. Treat at 1986 psi @ 24.9 BPM. ISIP 2058 psi. Calc flush: 4126 gal. Actual flush: 4032 gal.

### PERFORATION RECORD

Depth Range	Tool Joint	Holes
4128-4136'	4 JSPF	32 holes
4682-4688'	4 JSPF	24 holes
4895-4902'	4 JSPF	28 holes
5084-5096'	4 JSPF	48 holes
5320-5340'	4 JSPF	80 holes
5387-5400'	4 JSPF	52 holes



**Federal 12-18-9-16**  
 1980' FSL & 560' FWL  
 NWSW Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32998; Lease #UTU-64379



## Multi-Chem Group, LLC

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

### 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		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	100		<b>mg/L</b>		<b>mg/L</b>
Sample Pressure (psig):		Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Specific Gravity (g/cm³):	1.0017	Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
pH:	7.98	Barium (Ba):	7.62	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Calculated T.D.S. (mg/L):	6217	Sodium (Na):	2218.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	9420	Potassium (K):	-	H₂S:	1.00
Resistivity (Mohm):	1.0616	Iron (Fe):	0.32	Phosphate (PO₄):	-
		Manganese (Mn):	0.02	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

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

**Conclusions:**

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

**Notes:**



## Multi-Chem Group, LLC

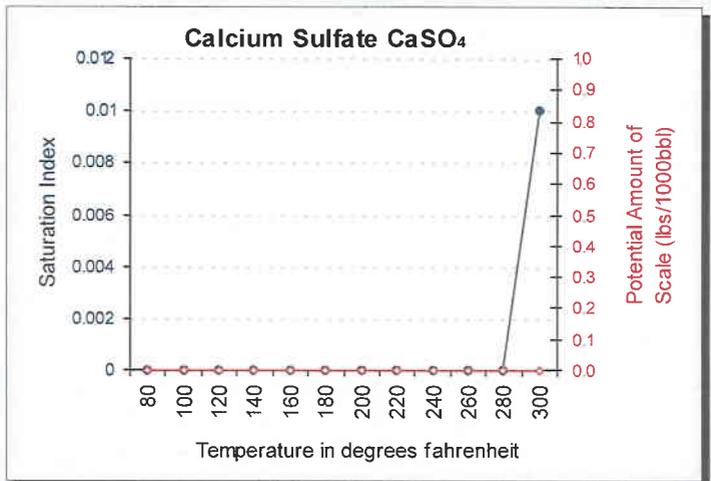
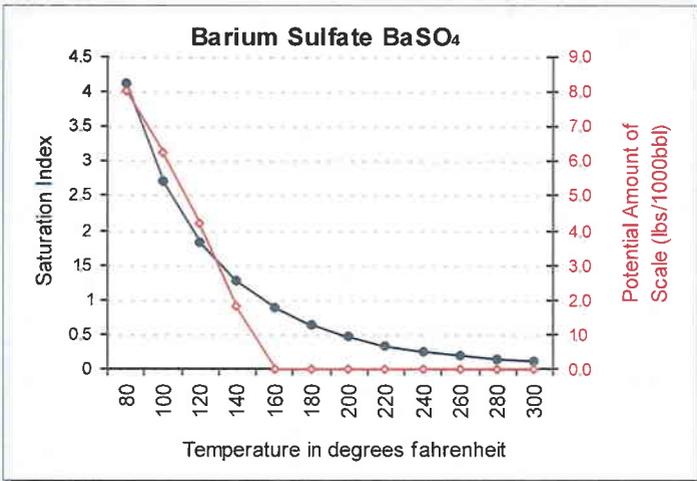
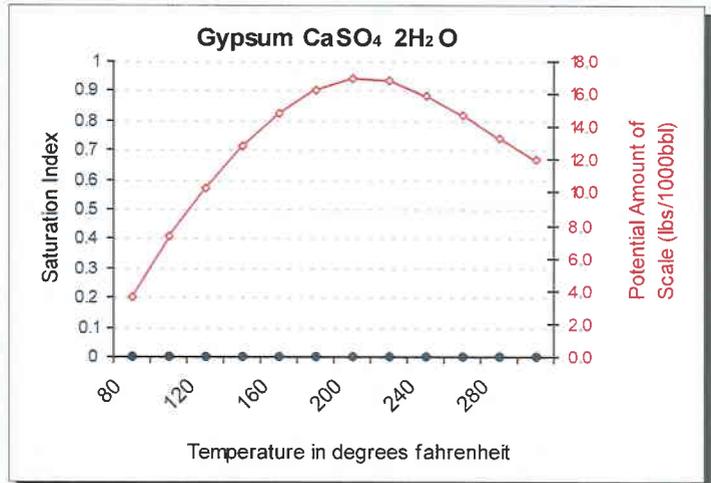
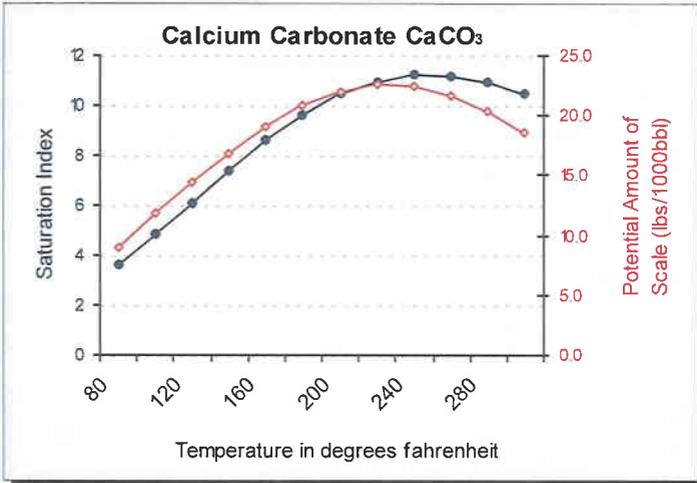
Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

multi-chem®

### Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**



3084



## Multi-Chem Group, LLC

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

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-53129**

Well Name: **Ashley fed 10-13-9-15**

Sample Point: **tank**

Sample Date: **1 /7 /2011**

Sales Rep: **Monty Frost**

Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	140		<b>mg/L</b>		<b>mg/L</b>
Sample Pressure (psig):		Calcium (Ca):	13.48	Chloride (Cl):	4000.00
Specific Gravity (g/cm³):	1.0043	Magnesium (Mg):	3.63	Sulfate (SO₄):	-
pH:	7.67	Barium (Ba):	3.57	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	1024.00
Calculated T.D.S. (mg/L)	7995	Sodium (Na):	2944.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	12113	Potassium (K):	-	H₂S:	-
Resitivity (Mohm):	0.8256	Iron (Fe):	0.68	Phosphate (PO₄):	5.00
		Manganese (Mn):	0.26	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
140		1.48	2.90	0.00	-1910.30	0.00	-1875.80	-	-	0.00	-13.39	0.58
80	0	0.70	-2.40	0.00	-12.68	0.00	-2506.20	-	-	0.00	-6.53	0.28
100	0	0.95	-0.35	0.00	-8.86	0.00	-2355.00	-	-	0.00	-8.48	0.34
120	0	1.21	1.37	0.00	-5.94	0.00	-2134.40	-	-	0.00	-10.76	0.38
140	0	1.48	2.90	0.00	-3.69	0.00	-1875.80	-	-	0.00	-13.39	0.43
160	0	1.74	4.20	0.00	-2.04	0.00	-1605.50	-	-	0.00	-16.41	0.49
180	0	1.98	5.24	0.00	-0.93	0.00	-1343.40	-	-	0.00	-19.84	0.53
200	0	2.19	5.98	0.00	-0.28	0.00	-1102.40	-	-	0.00	-23.72	0.54
220	2.51	2.33	6.43	0.00	0.03	0.00	-898.85	-	-	0.00	-28.40	0.55
240	10.3	2.42	6.63	0.00	0.15	0.00	-715.91	-	-	0.00	-33.42	0.55
260	20.76	2.46	6.62	0.00	0.15	0.00	-563.03	-	-	0.00	-39.05	0.56
280	34.54	2.45	6.46	0.00	0.09	0.00	-437.92	-	-	0.00	-45.37	0.57
300	52.34	2.39	6.16	0.00	0.00	0.00	-337.31	-	-	0.00	-52.49	0.58

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate Scaling Index is negative from 80°F to 300°F

**Notes:**



## Multi-Chem Group, LLC

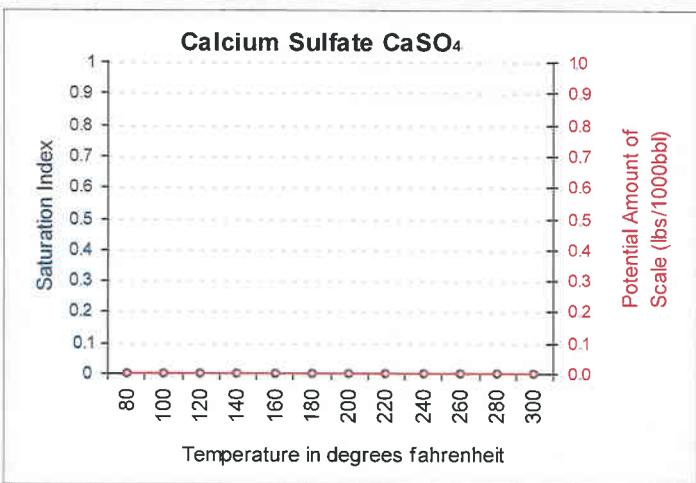
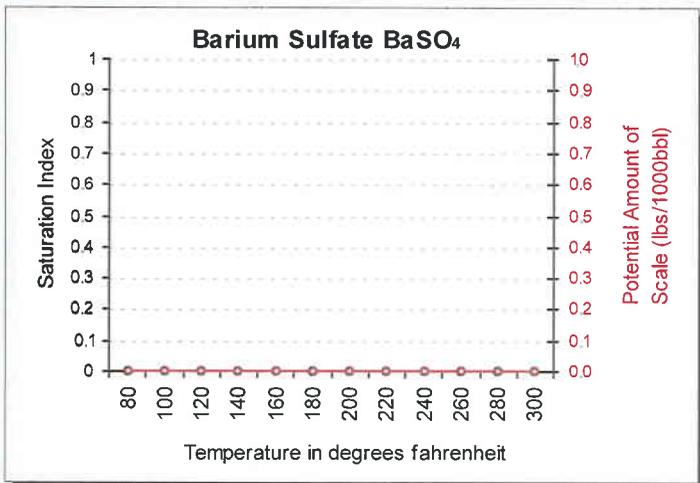
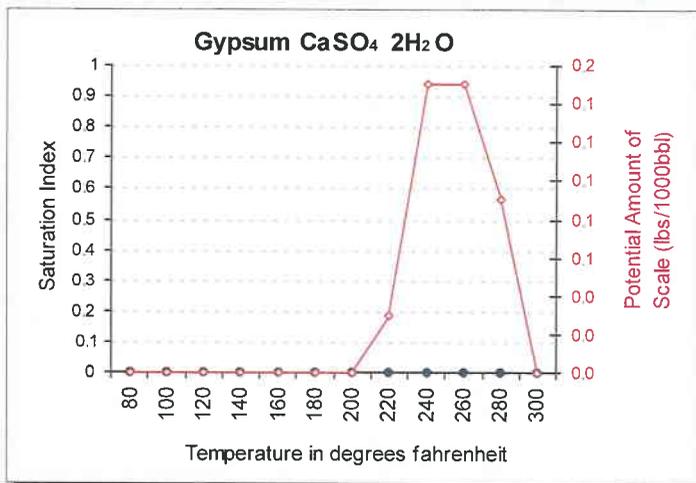
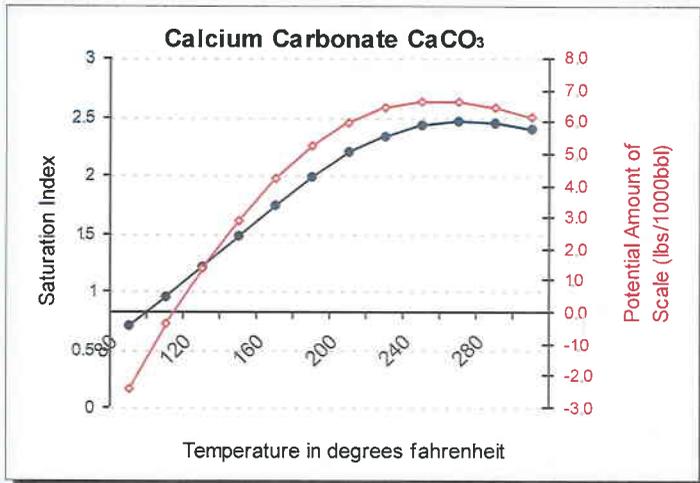
Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

multi-chem®

### Scale Prediction Graphs

Well Name: **Ashley fed 10-13-9-15**

Sample ID: **WA-53129**



**Attachment "G"**

**Ashley Federal #10-13-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5852	5922	5887	2180	0.81	2142
5680	5724	5702	2100	0.80	2063
5463	5564	5514	2230	0.84	2195
5322	5333	5328	2430	0.89	2395
5196	5221	5209	3350	1.08	3316
4978	5056	5017	2000	0.83	1968 ←
4671	4722	4697	2100	0.88	2070
				<b>Minimum</b>	<u><u>1968</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-13-9-15 Report Date: 2-23-05 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 308' Prod Csg: 5-1/2" @ 6023' Csg PBTD: 5931' 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 CP-5 (5852-5864') and BS (5915-5922').

CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-22-05 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, casing & casing valves to 4500 psi, ok. RU Patterson WLT w/ mast & run CBL. WLTD @ 5931' & cmt top @ 450'. Perforate stage #1, BS sd f/ 5915- 5922' and CP-5 sd f/ 5852- 5864', w/ 4" port gun, 19 gram / .41"HE / 90° / 4 SPF, in 1 run. SIFN w/ est 142 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 142 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

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

Table listing costs: Weatherford BOP (\$130), NPC NU crew (\$300), Liddel Trucking (\$1,200), Zubiate Trucking (\$600), NDSI Trucking (\$600), Patterson WLT (\$6,005), Drilling cost (\$293,294), Zubiate Hot Oil (\$450), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$950), Admin. Overhead (\$3,000), NPC Supervisor (\$300), DAILY COST: \$308,629, TOTAL WELL COST: \$308,629

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Completion Supervisor: Hans Wychgram



2 of 11

**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15 **Report Date:** 3-1-05 **Day:** 02a  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308' **Prod Csg:** 5-1/2" @ 6023' **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** \_\_\_\_\_

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	CP5 sds	5852-5864'	4/48
_____	_____	_____	BS sds	5915-5922'	4/28
_____	_____	_____	_____	_____	_____

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 2-28-05 **SITP:** \_\_\_\_\_ **SICP:** 15

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac BS & CP5 sds, stage #1 down casing w/ 64,491#'s of 20/40 sand in 526 bbls of Lightning 17 frac fluid. Open well w/ 15 psi on casing. Perfs broke down @ 2951, back to 2361 psi. Treated @ ave pressure of 1928, w/ ave rate of 24.6 bpm w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2180. 668 bbls EWTR. Leave pressure on well. **See day2b.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 142 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 526 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 668 **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:** BS & CP5 sds down casing

**COSTS**

Weatherford BOP	\$130
Weatherford Services	\$650
Betts frac water	\$610
NPC fuel gas	\$140
BJ Services BS&CP5	\$23,040
NPC Supervisor	\$150
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

4998 gals of pad  
3365 gals w/ 1-5 ppg of 20/40 sand  
6730 gals w/ 5-8 ppg of 20/40 sand  
1127 gals w/ 8 ppg of 20/40 sand  
Flush w/ 5880 gals of slick water

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

**Max TP:** 2320 **Max Rate:** 24.8 **Total fluid pmpd:** 526 bbls  
**Avg TP:** 1928 **Avg Rate:** 24.6 **Total Prop pmpd:** 64,491#'s  
**ISIP:** 2180 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .80  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$24,720  
**TOTAL WELL COST:** \$333,349



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15      **Report Date:** 3-1-05      **Day:** 02b  
**Operation:** Completion      **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8" @ 308'      **Prod Csg:** 5-1/2" @ 6023'      **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5780'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5680-5700'	4/80
			CP3 sds	5720-5724'	4/16
			CP5 sds	5852-5864'	4/48
			BS sds	5915-5922'	4/28

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 2-28-05      **SITP:** \_\_\_\_\_ **SICP:** 15

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 4' perf gun. Set plug @ 5780'. Perforate CP3 sds @ 5720-5724' & 5680-5700' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 96 shots. RU BJ & perfs won't break down. RIH & to spot acid & WLT is broke down. Leave pressure on well.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 142      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 526      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 668      **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:** CP3 sds down casing

**COSTS**

Weatherford Services	\$2,200
Lone Wolf CP3 sds	\$6,200
NPC Supervisor	\$150

\_\_\_\_\_ gals of pad  
 \_\_\_\_\_ gals w/ 1-5 ppg of 20/40 sand  
 \_\_\_\_\_ gals w/ 5-8 ppg of 20/40 sand  
 \_\_\_\_\_ gals w/ 8 ppg of 20/40 sand  
 \_\_\_\_\_ Flush w/ \_\_\_\_\_ gals of slick water

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

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

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$8,550  
**TOTAL WELL COST:** \$341,899





**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15 **Report Date:** 3-2-05 **Day:** 03b  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308' **Prod Csg:** 5-1/2" @ 6023' **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5620'  
**Plug: 5780'**

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5463-5476'	4/52
			CP1 sds	5544-5564'	4/80
			CP3 sds	5680-5700'	4/80
			CP3 sds	5720-5724'	4/16
			CP5 sds	5852-5864'	4/48
			BS sds	5915-5922'	4/28

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 3-1-05 **SITP:** \_\_\_\_\_ **SICP:** 1490

Day3b.

RU WLT. RIH w/ frac plug & 20' perf gun. Set plug @ 5620'. Perforate CP1 sds @ 5544-5564' & LODC sds @ 5463-5476' w/ 4 spf for total of 132 shots. BJ is broke down rocks in sand. RU BJ & frac stage #3 w/ 94,982#'s of 20/40 sand in 698 bbls Lightning 17 frac fluid. Open well w/ 1490 psi on casing. Perfs broke down @ 3678 psi back to 1649 psi. Treated @ ave pressure of 1742 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2230. 1924 bbls EWTR. Leave pressure on well. **See day3c.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 1226 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 698 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1924 **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

**STIMULATION DETAIL**

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

**COSTS**

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$910
NPC fuel gas	\$210
BJ Services CP&LODC	\$20,360
NPC Supervisor	\$50
Lone Wolf CP1&LODC	\$4,000

7350 gals of pad  
 4920 gals w/ 1-5 ppg of 20/40 sand  
 9840 gals w/ 5-8 ppg of 20/40 sand  
 1704 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 5502 gals of slick water

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

**Max TP:** 2073 **Max Rate:** 24.9 **Total fluid pmpd:** 698 bbls  
**Avg TP:** 1742 **Avg Rate:** 24.8 **Total Prop pmpd:** 94,982#'s  
**ISIP:** 2230 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .84  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$27,750  
**TOTAL WELL COST:** \$391,379



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15 **Report Date:** 3-2-05 **Day:** 03c  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308' **Prod Csg:** 5-1/2" @ 6023' **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5390'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5463-5476'	4/52
			CP1 sds	5544-5564'	4/80
			CP3 sds	5680-5700'	4/80
			CP3 sds	5720-5724'	4/16
			CP5 sds	5852-5864'	4/48
			BS sds	5915-5922'	4/28
LODC sds	5322-5333'	4/44			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 3-1-05 **SITP:** \_\_\_\_\_ **SICP:** 1630

Day3c.

RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 5390". Perforate LODC sds @ 5322-5333' w/ 4 spf for total of 44 shots. RU BJ & perfs won't break down. RIH & spot 10 gals 15% HCL on perfs. RU BJ & frac stage #4 w/ 59,881#'s of 20/40 sand in 491 bbls Lightning 17 frac fluid. Open well w/ 1630 psi on casing. Perfs broke down @ 3800 psi back to 1977 psi. Treated @ ave pressure of 2170 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2430. 2415 bbls EWTR. Leave pressure on well. **See day3d.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 1924 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 491 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2415 **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  
 \_\_\_\_\_  
 4830 gals of pad  
 \_\_\_\_\_  
 3110 gals w/ 1-5 ppg of 20/40 sand  
 \_\_\_\_\_  
 6215 gals w/ 5-8 ppg of 20/40 sand  
 \_\_\_\_\_  
 1133 gals w/ 8 ppg of 20/40 sand  
 \_\_\_\_\_  
 Flush w/ 5334 gals of slick water  
 \_\_\_\_\_

**COSTS**

Weatherford BOP	\$20
Weatherford Services	\$2,200
Betts frac water	\$560
NPC fuel gas	\$130
BJ Services LODCsds	\$14,420
NPC Supervisor	\$50
Lone Wolf LODCsds	\$4,000
_____	_____
_____	_____
_____	_____

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

**Max TP:** 2510 **Max Rate:** 24.9 **Total fluid pmpd:** 491 bbls  
**Avg TP:** 2170 **Avg Rate:** 24.8 **Total Prop pmpd:** 59,881#'s  
**ISIP:** 2430 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .89  
**Completion Supervisor:** Ron Shuck/Hans

**DAILY COST:** \$21,380  
**TOTAL WELL COST:** \$412,759



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15      **Report Date:** 3-2-05      **Day:** 03d  
**Operation:** Completion      **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308'      **Prod Csg:** 5-1/2" @ 6023'      **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5270'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5463-5476'	4/52
			CP1 sds	5544-5564'	4/80
			CP3 sds	5680-5700'	4/80
			CP3 sds	5720-5724'	4/16
LODC sds	5196-5203'	4/28	CP5 sds	5852-5864'	4/48
LODC sds	5216-5221'	4/20	BS sds	5915-5922'	4/28
LODC sds	5322-5333'	4/44			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 3-1-05      **SITP:** \_\_\_\_\_      **SICP:** 1885

Day3d.

RU WLT. RIH w/ frac plug & 5' & 7' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5216-5221', 5196-5203' w/ 4 spf for total of 48 shots. RU BJ & perfs won't break down. RIH & spot 10 gals 15% HCL on perfs. RU BJ & frac stage #5 w/ 29,366#'s of 20/40 sand in 332 bbls Lightning 17 frac fluid. Open well w/ 1885 psi on casing. Perfs broke down @ 4120 psi back to 2443 psi. Treated @ ave pressure of 2258 w/ ave rate of 14.4 bpm w/ up to 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 3350. 2747 bbls EWTR. Leave pressure on well. **See day3e.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2415      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 332      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2747      **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	\$20
Weatherford Services	\$2,200
Betts frac water	\$300
NPC fuel gas	\$70
BJ Services LODCsds	\$17,360
NPC Supervisor	\$50
Lone Wolf LODCsds	\$4,000

3024 gals of pad  
 1875 gals w/ 1-5 ppg of 20/40 sand  
 3837 gals w/ 5-8 ppg of 20/40 sand  
 Flush w/ 5208 gals of slick water

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

**Max TP:** 3700      **Max Rate:** 14.5      **Total fluid pmpd:** 332 bbls  
**Avg TP:** 2250      **Avg Rate:** 14.4      **Total Prop pmpd:** 29,366#'s  
**ISIP:** 3350      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 1.04

**Completion Supervisor:** Ron Shuck/Hans

**DAILY COST:** \$24,000  
**TOTAL WELL COST:** \$436,759



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15 **Report Date:** 3-2-05 **Day:** 03e  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308' **Prod Csg:** 5-1/2" @ 6023' **Csg PBTD:** 5931' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 4820'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4671-4676'	4/20	LODC sds	5463-5476'	4/52
D3 sds	4709-4722'	4/52	CP1 sds	5544-5564'	4/80
A.5 sds	4978-4984'	4/24	CP3 sds	5680-5700'	4/80
A1 sds	5042-5056'	4/56	CP3 sds	5720-5724'	4/16
LODC sds	5196-5203'	4/28	CP5 sds	5852-5864'	4/48
LODC sds	5216-5221'	4/20	BS sds	5915-5922'	4/28
LODC sds	5322-5333'	4/44			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 3-1-05 **SITP:** \_\_\_\_\_ **SICP:** 1885

Day3d.

RU WLT. RIH w/ frac plug 14' & 6' perf gun. Set plug @ 5120'. Perforate A1 sds @ 5042-5056' & A.5 sds @ 4978-4984' w/ 4 spf for total of 80 shots. RU BJ & frac stage #6 w/ 75,155#'s of 20/40 sand in 564 bbls Lightning 17 frac fluid. Open well w/ 2056 psi on casing. Perfs broke down @ 3675 psi back to 1760 psi. Treated @ ave pressure of 1849 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 3350. 3311 bbls EWTR. Leave pressure on well. RIH w/ frac plug & 13' & 5' perf guns. Set plug @ 4820'. Perforate D3 sds @ 4709-22' & D2 sds @ 4671-76' w/ 4 spf for total of 72 shots. SIFN.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2747 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 564 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 3311 **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:** A1 & A.5 sds down casing

**COSTS**

Weatherford BOP	\$40
Weatherford Services	\$2,200
Betts frac water	\$690
NPC fuel gas	\$160
BJ Services A1&A.5	\$17,020
NPC Supervisor	\$100
Lone Wolf A1&A.5sd	\$4,000

5796 gals of pad  
 3885 gals w/ 1-5 ppg of 20/40 sand  
 7770 gals w/ 5-8 ppg of 20/40 sand  
 1281 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 4756 gals of slick water

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

**Max TP:** 2198 **Max Rate:** 24.9 **Total fluid pmpd:** 564 bbls  
**Avg TP:** 1849 **Avg Rate:** 24.8 **Total Prop pmpd:** 75,155#'s  
**ISIP:** 2000 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .83  
**Completion Supervisor:** Ron Shuck/Hans

**DAILY COST:** \$24,210  
**TOTAL WELL COST:** \$460,969



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15      **Report Date:** 3-3-05      **Day:** 04  
**Operation:** Completion      **Rig:** NC #2

**WELL STATUS**

**Surf Csg:** 8-5/8" @ 308'      **Prod Csg:** 5-1/2" @ 6023'      **Csg PBTD:** 5931' WL  
**Tbg:** Size: 2-7/8" Wt: 6.5#      **Grd:** J-55      **Pkr/EOT @:**      **BP/Sand PBTD:** 4820'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4671-4676'	4/20	LODC sds	5463-5476'	4/52
D3 sds	4709-4722'	4/52	CP1 sds	5544-5564'	4/80
A.5 sds	4978-4984'	4/24	CP3 sds	5680-5700'	4/80
A1 sds	5042-5056'	4/56	CP3 sds	5720-5724'	4/16
LODC sds	5196-5203'	4/28	CP5 sds	5852-5864'	4/48
LODC sds	5216-5221'	4/20	BS sds	5915-5922'	4/28
LODC sds	5322-5333'	4/44			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 3-2-05      **SITP:**      **SICP:** 1095

RU BJ & frac stage #7 w/ 62,583#'s of 20/40 sand in 476 bbls Lightning 17 frac fluid. Open well w/ 1095 psi on casing. Perfs broke down @ 2900 psi back to 1181 psi. Treated @ ave pressure of 1720 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. ISIP was 2100. 3787 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1950 psi w/ 12/64 choke. Well flowed for 4 hours & died w/ 380 bbls rec'd (10% of frac). MIRUSU NC #2 rig. RD Cameron BOP & 5M frac head. Instal 3M production head & NU BOP. PU tbg off racks, tally, drift 2-7/8", J-55, 6.5#, Husteel new tbg. TIH w/ 4-3/4" OFM rock bit, bit sub. Tag sand 4753'. RU power swivel. C/O sand to plug @ 4820'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5120'. Drlg out plug #2. SIFN. Lost 100 bbls in drlg.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 3787      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 280      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 3507      **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:** D3 & D2 sds down casing

- 4620 gals of pad
- 3110 gals w/ 1-5 ppg of 20/40 sand
- 6215 gals w/ 5-8 ppg of 20/40 sand
- 1469 gals w/ 8 ppg of 20/40 sand
- Flush w/ 4578 gals of slick water

**Max TP:** 1915      **Max Rate:** 24.9      **Total fluid pmpd:** 476 bbls  
**Avg TP:** 1720      **Avg Rate:** 24.7      **Total Prop pmpd:** 62,583#'s  
**ISIP:** 2100      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .88  
**Completion Supervisor:** Ron Shuck/Hans

**COSTS**

Weatherford BOP's	\$260
Weatherford Services	\$2,200
Betts frac water	\$560
NPC fuel gas	\$130
BJ Services D2&D3sd	\$13,980
NPC Supervisor	\$300
Lone Wolf D2&D3sd	\$4,000
NC #2 rig	\$4,070
Zubiate trucking	\$800
Aztec tbg	\$29,850
MTN West Sanitation	\$450
NPC wtr & trucks	\$400
Monks pit reclaim	\$1,800
<b>DAILY COST:</b>	<b>\$58,800</b>
<b>TOTAL WELL COST:</b>	<b>\$519,769</b>



**DAILY COMPLETION REPORT**

WELL NAME: Ashley Federal 10-13-9-15 Report Date: March 4, 2005 Day: 05  
 Operation: Completion Rig: NC #2

**WELL STATUS**

Surf Csg: 8-5/8' @ 308' Prod Csg: 5-1/2" @ 6023' Csg PBDT: 5983'  
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5920' BP/Sand PBDT: 5983'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	<u>4671-4676'</u>	<u>4/20</u>	LODC sds	<u>5463-5476'</u>	<u>4/52</u>
D3 sds	<u>4709-4722'</u>	<u>4/52</u>	CP1 sds	<u>5544-5564'</u>	<u>4/80</u>
A.5 sds	<u>4978-4984'</u>	<u>4/24</u>	CP3 sds	<u>5680-5700'</u>	<u>4/80</u>
A1 sds	<u>5042-5056'</u>	<u>4/56</u>	CP3 sds	<u>5720-5724'</u>	<u>4/16</u>
LODC sds	<u>5196-5203'</u>	<u>4/28</u>	CP5 sds	<u>5852-5864'</u>	<u>4/48</u>
LODC sds	<u>5216-5221'</u>	<u>4/20</u>	BS sds	<u>5915-5922'</u>	<u>4/28</u>
LODC sds	<u>5322-5333'</u>	<u>4/44</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: March 3, 2005 SITP: 0 SICP: 30

Bleed gas off well. Con't PU & TIH W/ bit & tbg f/ 5132'. Tag plug @ 5270'. RU power swivel. Con't C/O sd & drill out composite bridge plugs as follows: no sd, plug @ 5270' in 15 minutes; no sd, plug @ 5390' in 14 minutes; sd @ 5589', plug @ 5620' in 14 minutes; sd @ 5704', plug @ 5780' in 16 minutes. Con't swivelling jts in hole. Tag fill @ 5904'. Drill sd & plug remains to PBDT @ 5983'. Circ hole clean. Lost 175 BW during cleanout. RD swivel. Pull EOT to 5920'. RU swab equipment. IFL @ sfc. Made 10 swab runs rec 100 BTF (est 90 BW & 10 BO) W/ fair gas & sm tr sd. FFL @ 600'. FOC @ 15%. SIFN W/ est 3592 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 3507 Starting oil rec to date: 0  
 Fluid lost/recovered today: 85 Oil lost/recovered today: 10  
 Ending fluid to be recovered: 3592 Cum oil recovered: 10  
 IFL: sfc FFL: 600' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 15%

**STIMULATION DETAIL**

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

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

Procedure or Equipment detail:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**COSTS**

NC #2 rig	\$3,810
Weatherford BOP	\$140
Graco swivel (X2)	\$1,600
NPC trucking	\$300
Weatherford-Smith bit	\$525
NPC sfc equipment	\$120,000
R & T labor/welding	\$13,600
NPC location cleanup	\$300
RNI wtr disposal	\$3,000
CDI TA	\$480
CDI SN	\$75
NPC supervision	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz

**DAILY COST:** \$144,130

**TOTAL WELL COST:** \$663,899



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 10-13-9-15 **Report Date:** March 5, 2005 **Day:** 06  
**Operation:** Completion **Rig:** NC #2

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 308' **Prod Csg:** 5-1/2" @ 6023' **Csg PBTD:** 5983'  
**Tbg:** **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5786' **BP/Sand PBTD:** 5983'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4671-4676'	4/20	LODC sds	5463-5476'	4/52
D3 sds	4709-4722'	4/52	CP1 sds	5544-5564'	4/80
A.5 sds	4978-4984'	4/24	CP3 sds	5680-5700'	4/80
A1 sds	5042-5056'	4/56	CP3 sds	5720-5724'	4/16
LODC sds	5196-5203'	4/28	CP5 sds	5852-5864'	4/48
LODC sds	5216-5221'	4/20	BS sds	5915-5922'	4/28
LODC sds	5322-5333'	4/44			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** March 4, 2005 **SITP:** 125 **SICP:** 50

Bleed gas off well. TIH W/ tbg. Tag PBTD @ 5983' (no new fill). Circ hole clean. Lost est 145 BW & rec 15 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, 1 jts tbg, new CDI 5 1/2" TA (45K) & 176 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5786' W/ SN @ 5821' & EOT @ 5889'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 16' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 116-3/4" plain rods, 100-3/4" scraped rods, 1-8', 1-6' & 1-4' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 3739 BWTR.

**Place well on production @ 6:00 PM 3/4/2005 W/ 83" SL @ 6 SPM.**

**FINAL REPORT!!**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 3592 **Starting oil rec to date:** 10  
**Fluid lost/recovered today:** 147 **Oil lost/recovered today:** 15  
**Ending fluid to be recovered:** 3739 **Cum oil recovered:** 25  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

KB	12.00'	1 1/2" X 22' polished rod	NC #2 rig	\$3,747
176	2 7/8 J-55 tbg (5773.69')	1-8', 1-6' & 1-4' X 3/4" ponies	Weatherford BOP	\$140
	TA (2.80' @ 5785.69' KB)	100-3/4" scraped rods	Zubiate HO trk	\$413
1	2 7/8 J-55 tbg (32.58')	116-3/4" plain rods	CDI rod pump	\$1,380
	SN (1.10' @ 5821.07' KB)	10-3/4" scraped rods	"A" grade rod string	\$10,858
2	2 7/8 J-55 tbg (66.74')	6-1 1/2" weight rods	NPC trucking	\$300
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 16'	NPC frc tks(10X7 dys)	\$2,800
EOT	5889.36' W/ 12' KB	RHAC pump W/ SM plunger	NPC swb tk (3 days)	\$120
			NPC frac head	\$500
			NPC supervision	\$300

**DAILY COST:** \$20,558

**TOTAL WELL COST:** \$684,457

**Completion supervisor:** Gary Dietz

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4621'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 189' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 361'
6. Plug #4 Circulate 101 sx Class "G" cement down 5 1/2" and up the 5 1/2" x 8 5/8" annulus

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

## Ashley Federal 10-13-9-15

Spud Date: 2/3/2005  
 Put on Production: 03/4/2005  
 GL: 6115' KB: 6127'

Initial Production: BOPD,  
 MCFD, BWPD

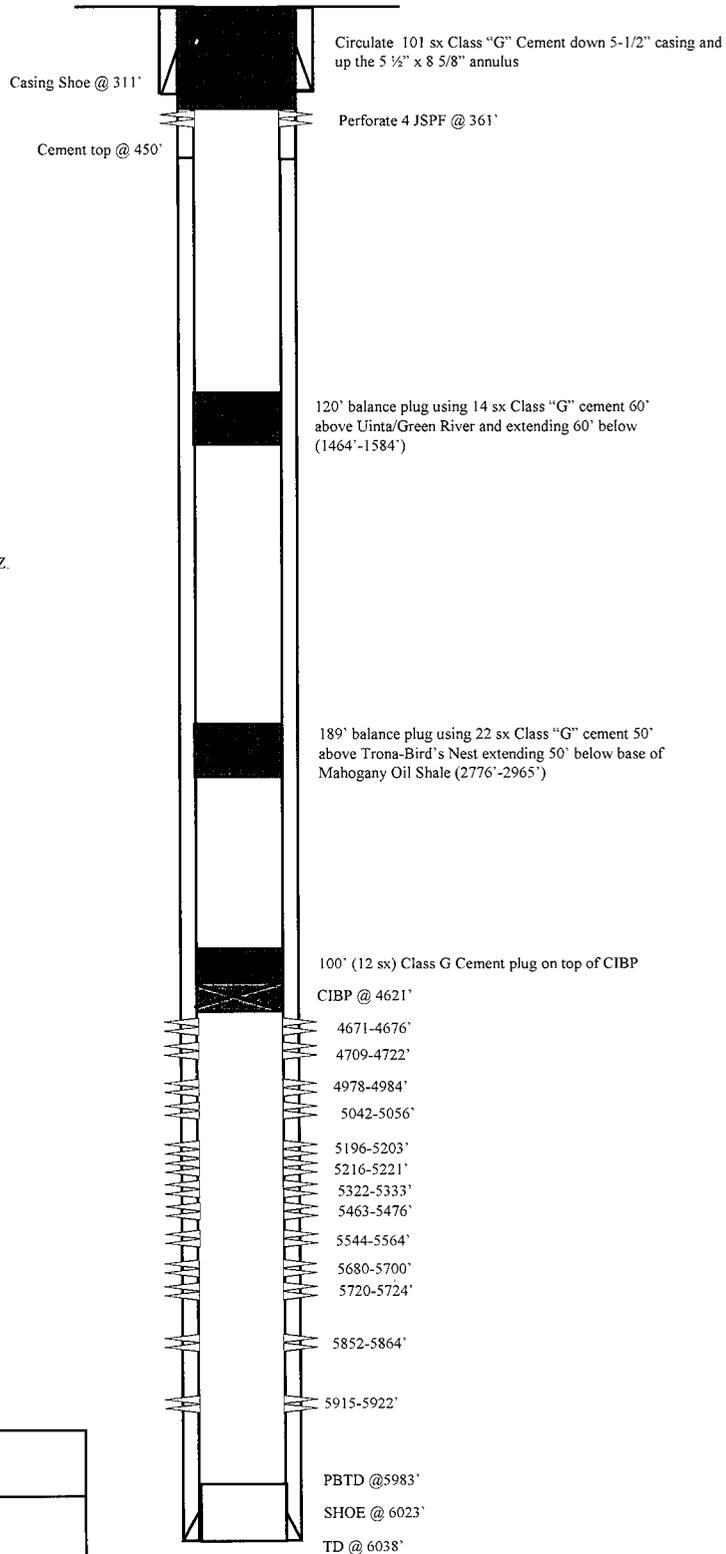
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301')  
 DEPTH LANDED: (311')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6025.2')  
 DEPTH LANDED: (6023.2')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 450'




<p><b>Ashley Federal 10-13-9-15</b></p> <p>1938' FSL &amp; 1967' FEL</p> <p>NW/SE Section 13-T9S-R15E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32458; Lease #UTU-66184</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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 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 area code)  
 435.646.3721

4. Location of Well   (Footage, Sec., T., R., M., or Survey Description)  
 1938 FSL 1967 FEL  
 NWSE Section 13 T9S R15E

5. Lease Serial No.  
 USA UTU-66184

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL 10-13-9-15

9. API Well No.  
 4301332458

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

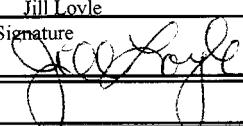
11. County or Parish, State  
 DUCHESNE, UT

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 02/11/2011

**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