



January 15, 2003

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

RE: Applications for Permit to Drill: Ashley Federal 3-13-9-15, 4-13-9-15, and  
5-13-9-15.

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  
Permit Clerk

mc  
enclosures

**RECEIVED**

**JAN 16 2003**

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

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-66184	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME Ashley	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		8. FARM OR LEASE NAME WELL NO. Ashley Federal 4-13-9-15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NW/NW 831' FNL 557' FWL 4431849Y 40,03591 At proposed Prod. Zone 569332X - 110.18737		9. API WELL NO. 43-013-32393	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12.8 miles southwest of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 831' f/lse line & 4723' f/unit line	16. NO. OF ACRES IN LEASE 1,360.57	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/NW Sec. 13, T9S, R15E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1239'	19. PROPOSED DEPTH 6500'	12. County Duchesne	13. STATE UT
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6162' GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* 3rd Quarter 2003		23. PROPOSED CASING AND CEMENTING PROGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			
QUANTITY OF CEMENT			

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

The Conditions of Approval are also attached.

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

24. SIGNED Wanda Crozier TITLE Permit Clerk DATE 1/15/03  
(This space for Federal or State office use)

PERMIT NO. 43-013-32393 APPROVAL DATE 01-29-03  
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY Bradley G Hill TITLE BRADLEY G. HILL DATE 01-29-03  
ENVIRONMENTAL SCIENTIST III

\*See Instructions On Reverse Side

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

RECEIVED  
JAN 16 2003  
DIV. OF OIL, GAS & MINING



Well No.: Ashley Federal 4-13-9-15

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 4-13-9-15

API Number:

Lease Number: UTU-66184

Location: NW/NW Sec. 13, T9S, R15E

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

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

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

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

**FERRUGINOUS HAWK:** In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**LOCATION AND RESERVE PIT RECLAMATION**

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

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

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

Shadscale	<i>Atriplex confertifolia</i>	2 lbs/acre
Black Sage	<i>Artemisia nova</i>	5 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	5 lbs/acre

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

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

### **PIPELINES**

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

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

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

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #4-13-9-15  
NW/NW 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	6500'

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

Green River Formation 1640' - 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #4-13-9-15  
NW/NW 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 #4-13-9-15 located in the NW 1/4 NW 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 southeasterly along Hwy 53 - 1.8 miles  $\pm$  to its junction with UT State Hwy 216; proceed along Hwy 216 - 6.3 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 2.9 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly - 0.2 mile  $\pm$  to its junction with the beginning of the proposed access road; proceed southerly along the proposed access road - 150'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

Archaeological Resource Survey for this area is attached.

The Paleontological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Ashley Federal #4-13-9-15 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."

**Water Disposal**

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

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

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

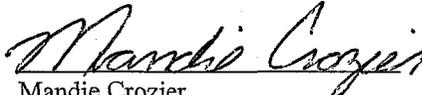
Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-13-9-15 NW/NW 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.

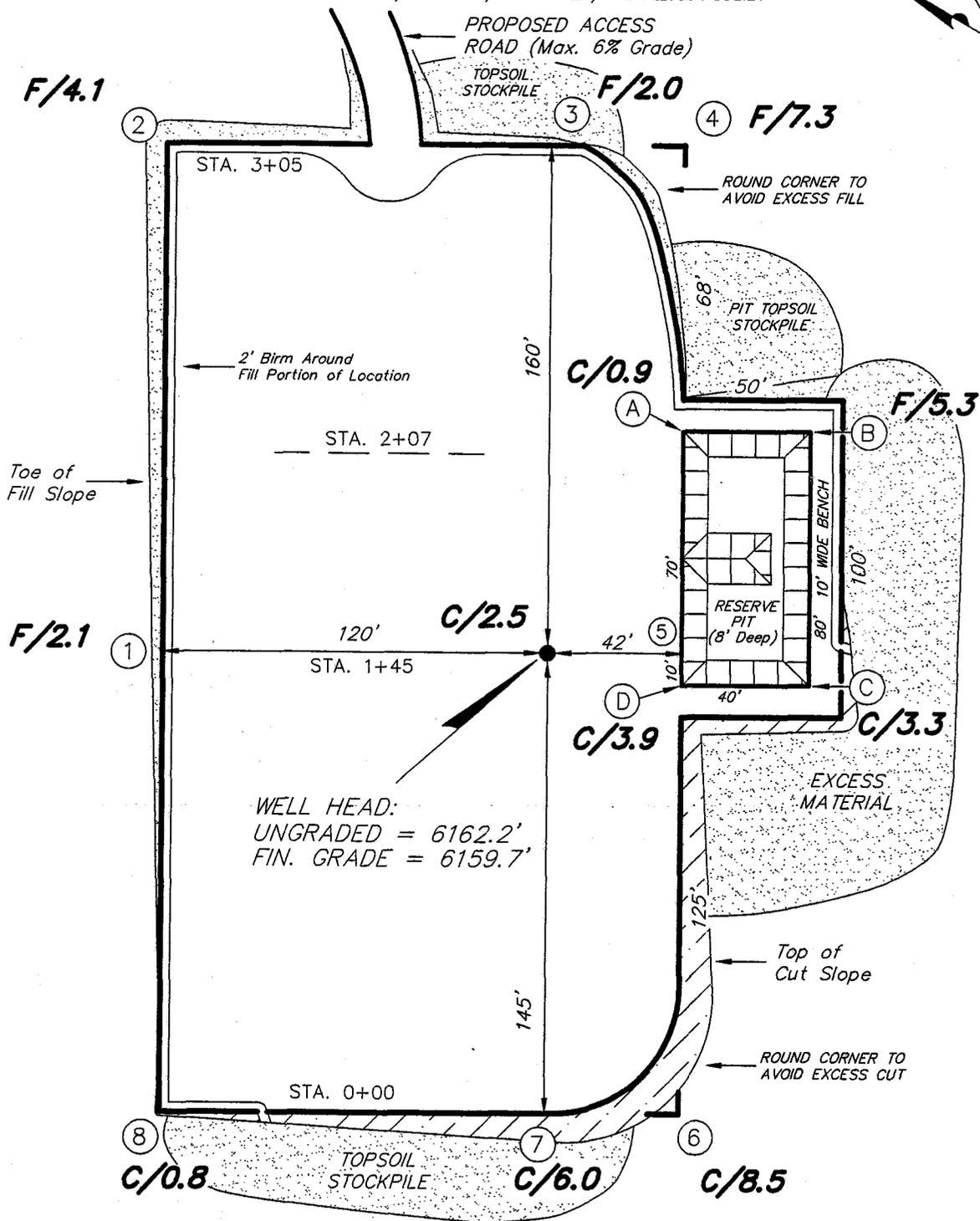
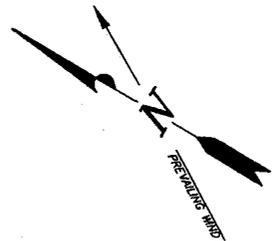
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be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

1/15/03  
Date

  
Mandie Crozier  
Permit Clerk

# INLAND PRODUCTION COMPANY

ASHLEY UNIT #4-13  
SEC.13, T9S, R15E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 6162.2'  
FIN. GRADE = 6159.7'

### REFERENCE POINTS

170' NORTHWEST = 6155.6'  
220' NORTHWEST = 6153.7'

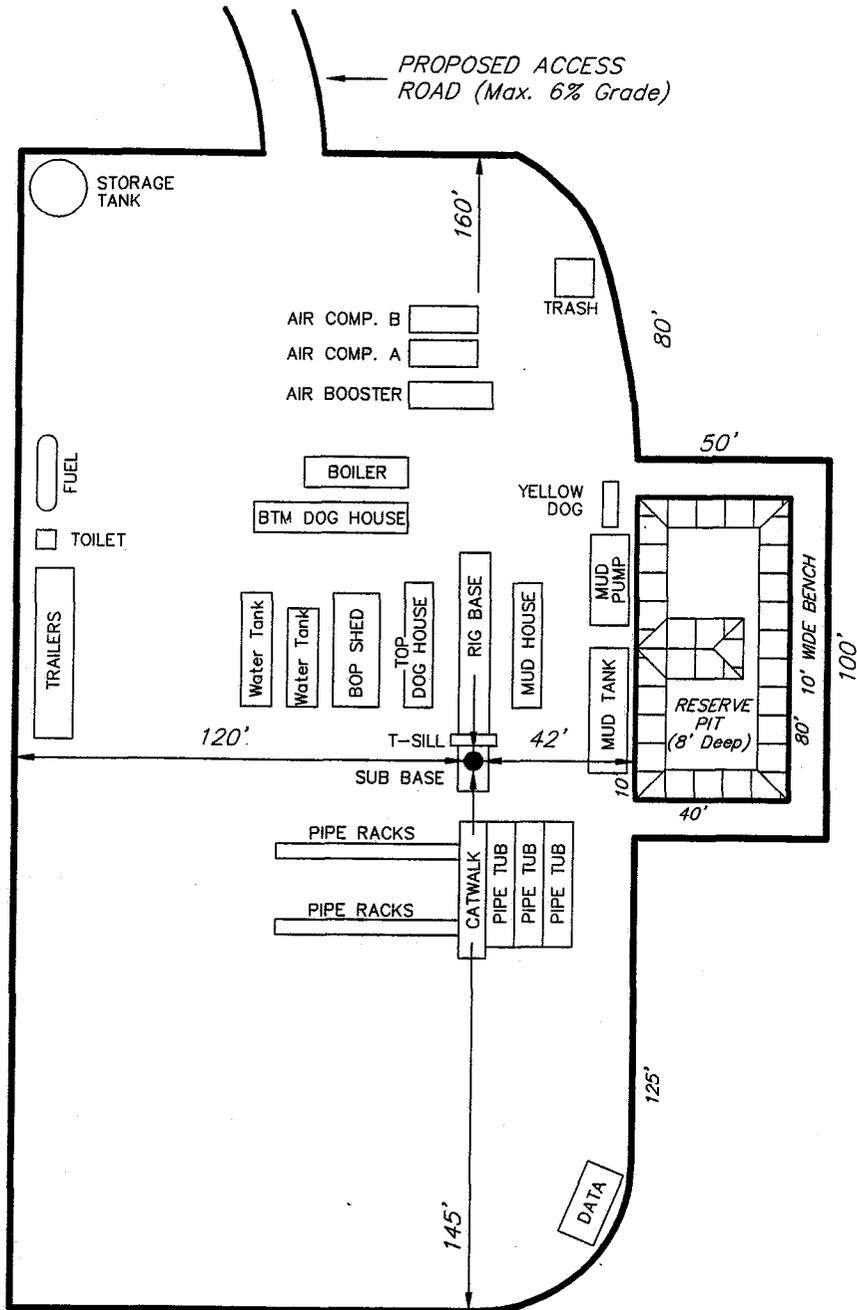
SURVEYED BY: K.G.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 8-27-02

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

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT #4-13



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

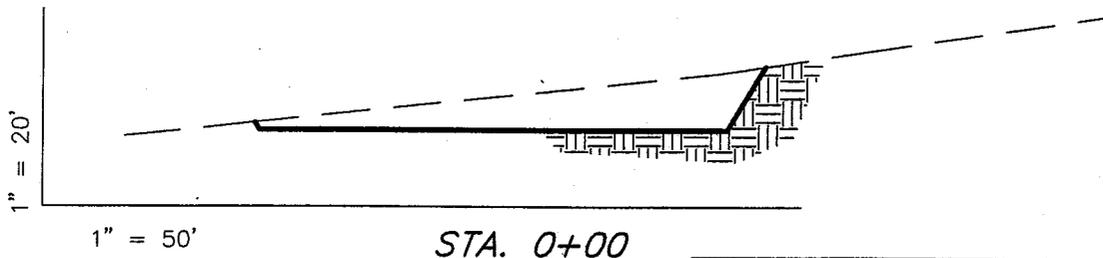
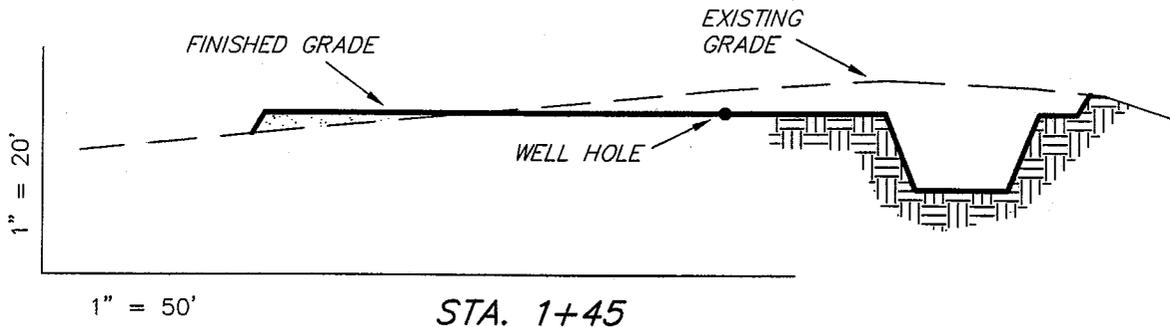
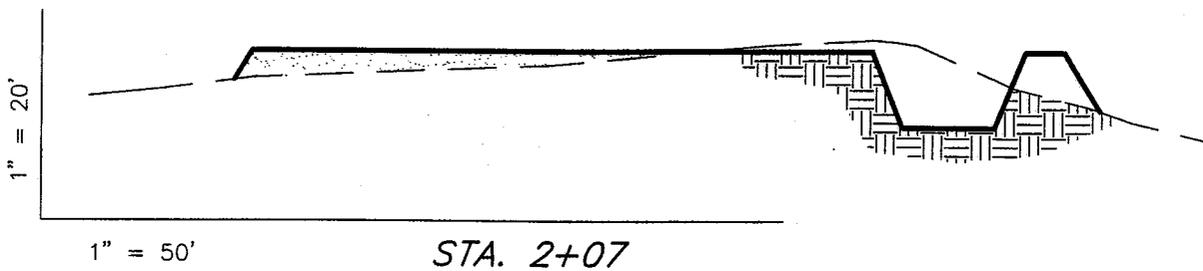
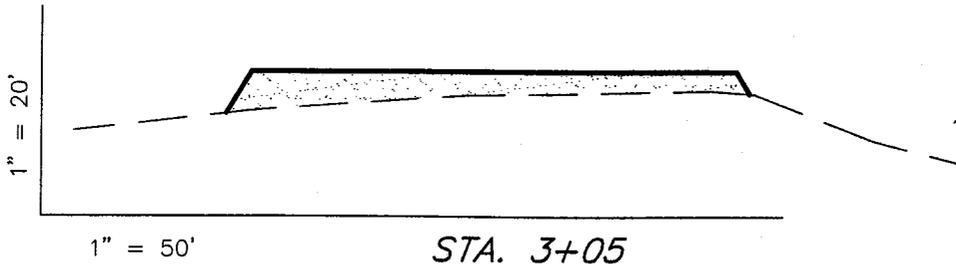
DATE: 8-27-02


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

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT #4-13



#### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,430	2,430	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,070	2,430	1,010	640

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

SURVEYED BY: K.G.S.

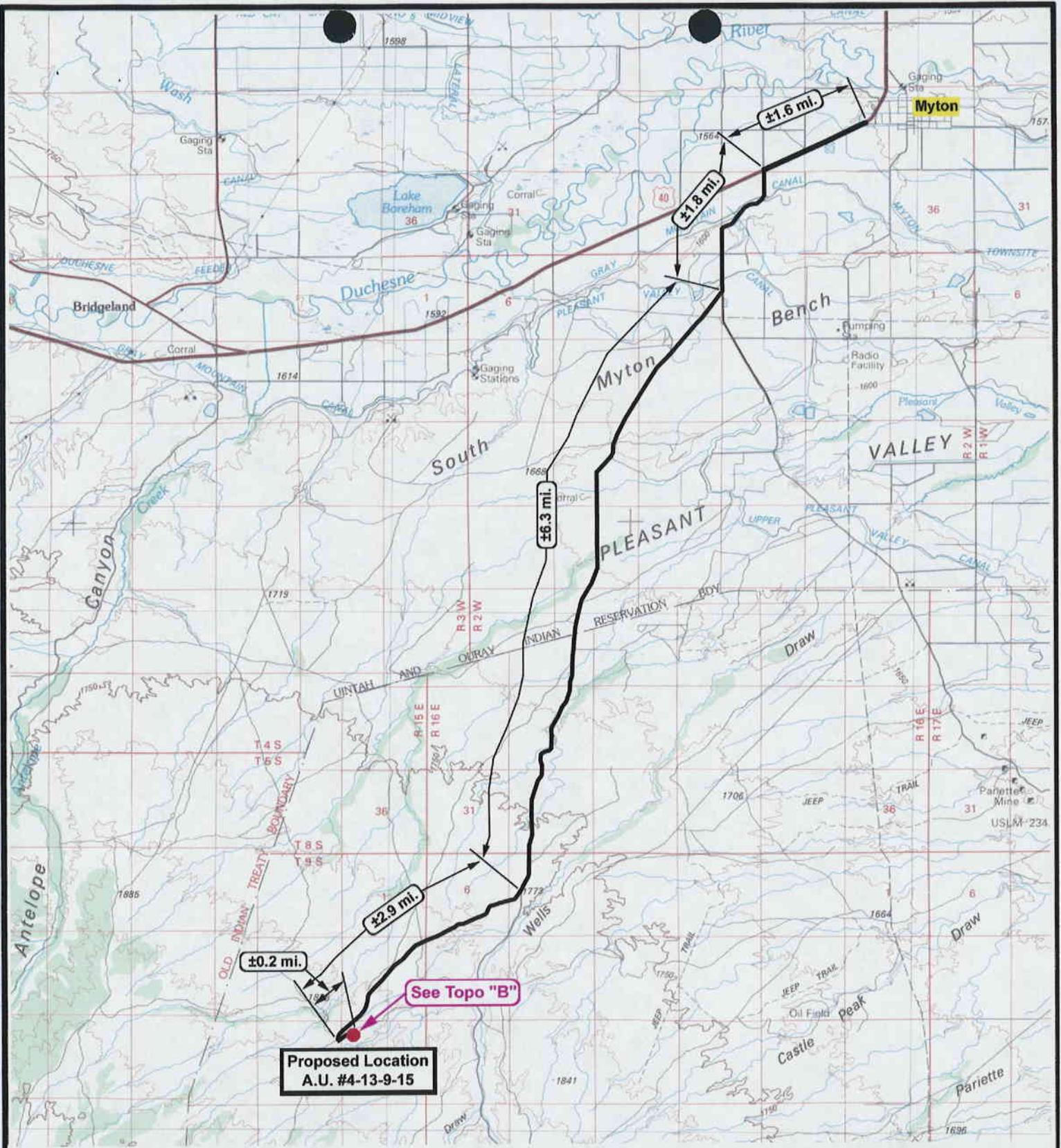
SCALE: 1" = 50'

DRAWN BY: J.R.S.

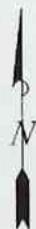
DATE: 8-27-02

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

(435) 781-2501



**Ashley Unit #4-13  
SEC. 13, T9S, R15E, S.L.B.&M.**



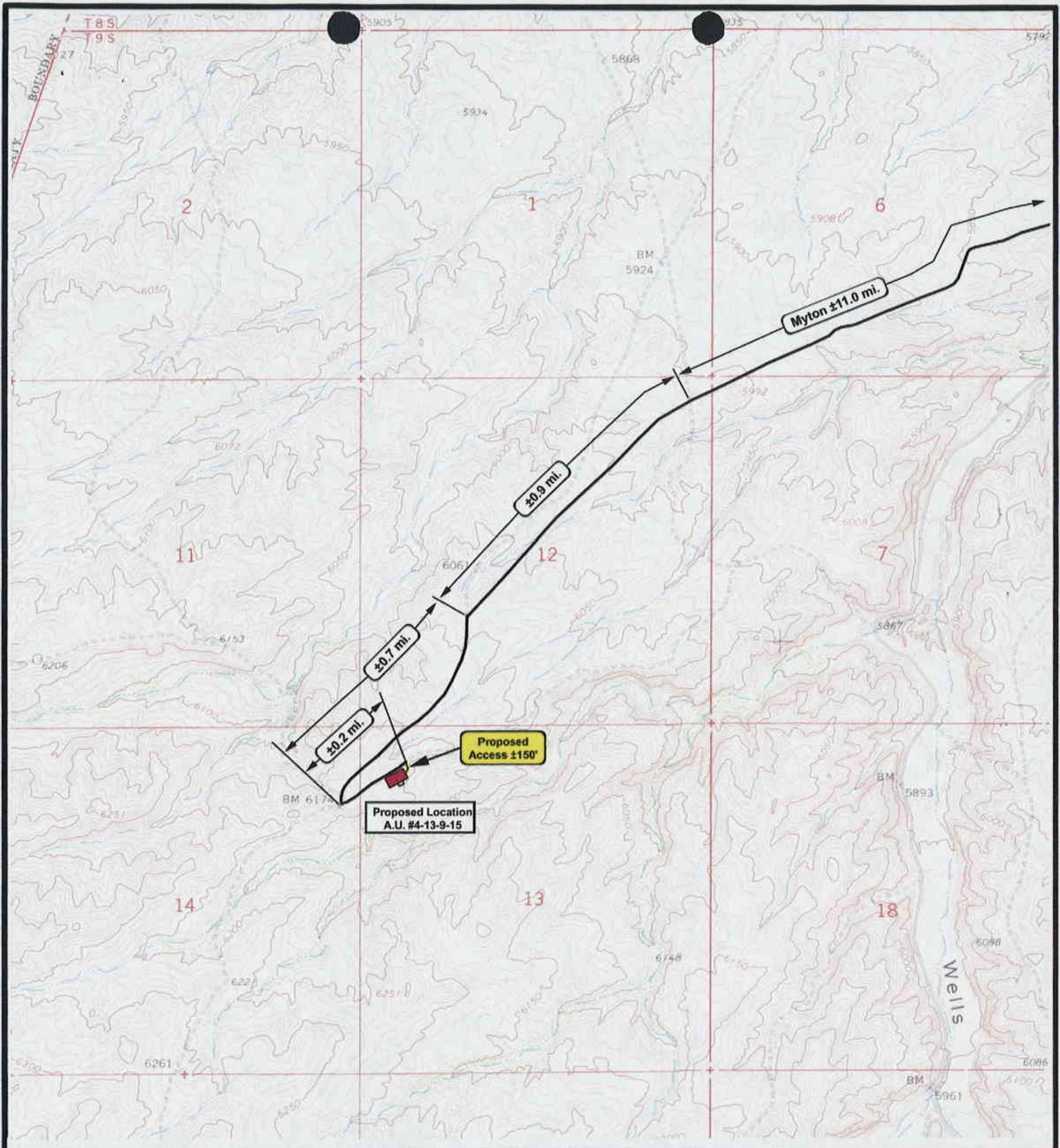
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: R.A.B.  
DATE: 08-28-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Ashley Unit #4-13**  
**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.

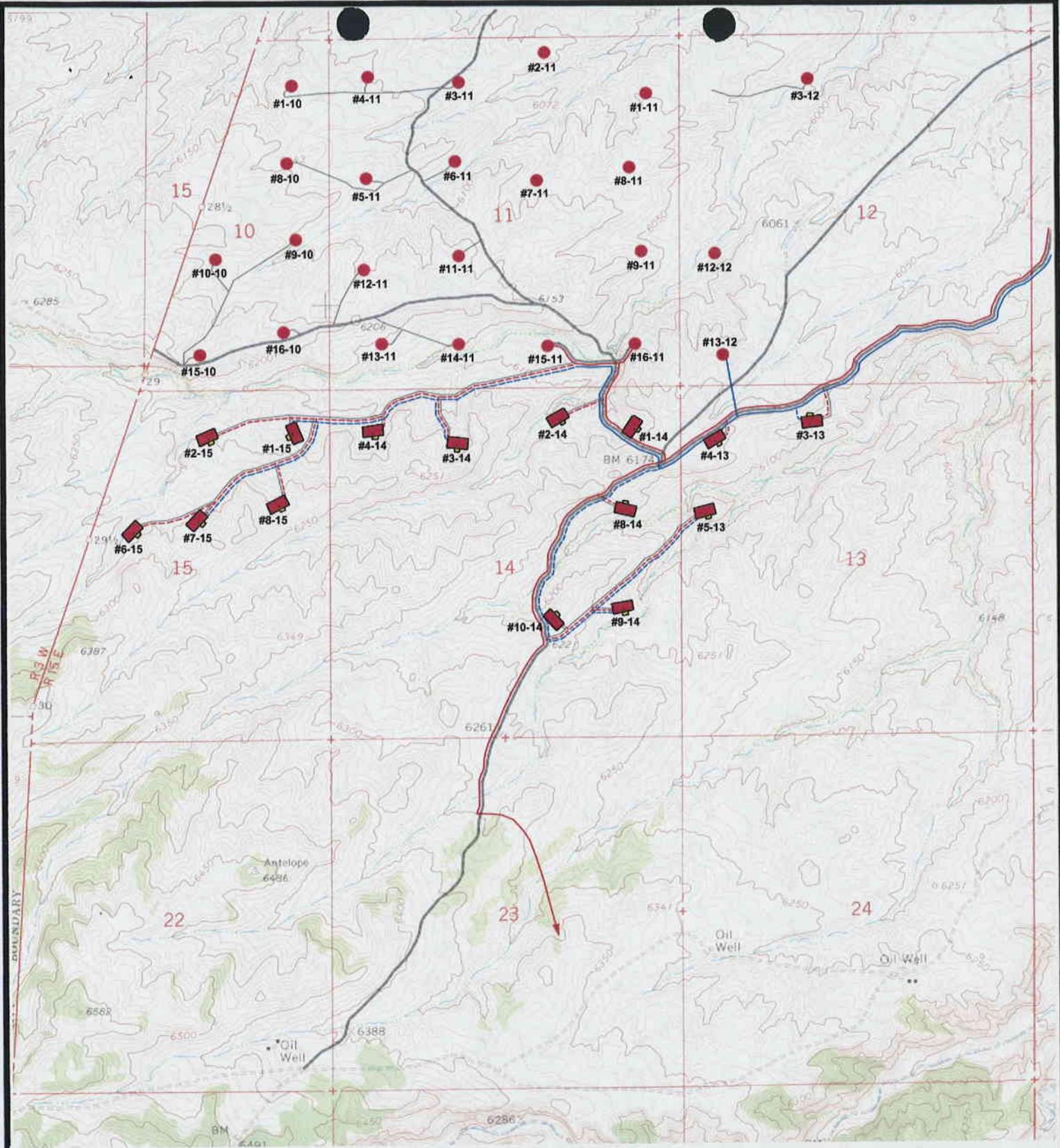
DATE: 08-28-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"B"**



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

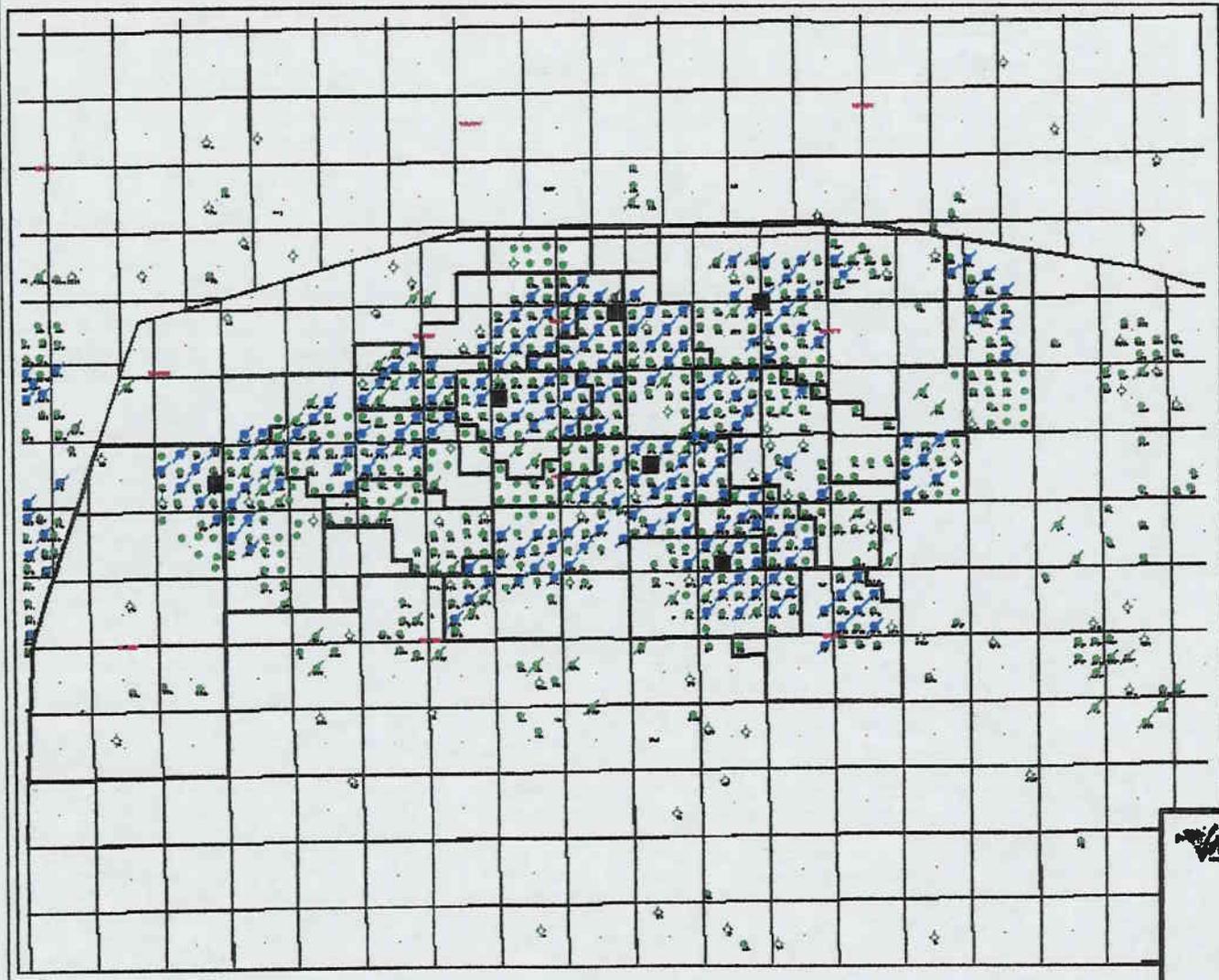


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 09-06-2002

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

TOPOGRAPHIC MAP  
**"C"**



- Vector Station
- Mid Outcrop
- ↗ III
- OIL
- ◆ DRY
- ↘ WESTN
- WTR



Exhibit "A"

*Wald*  
INCORPORATED

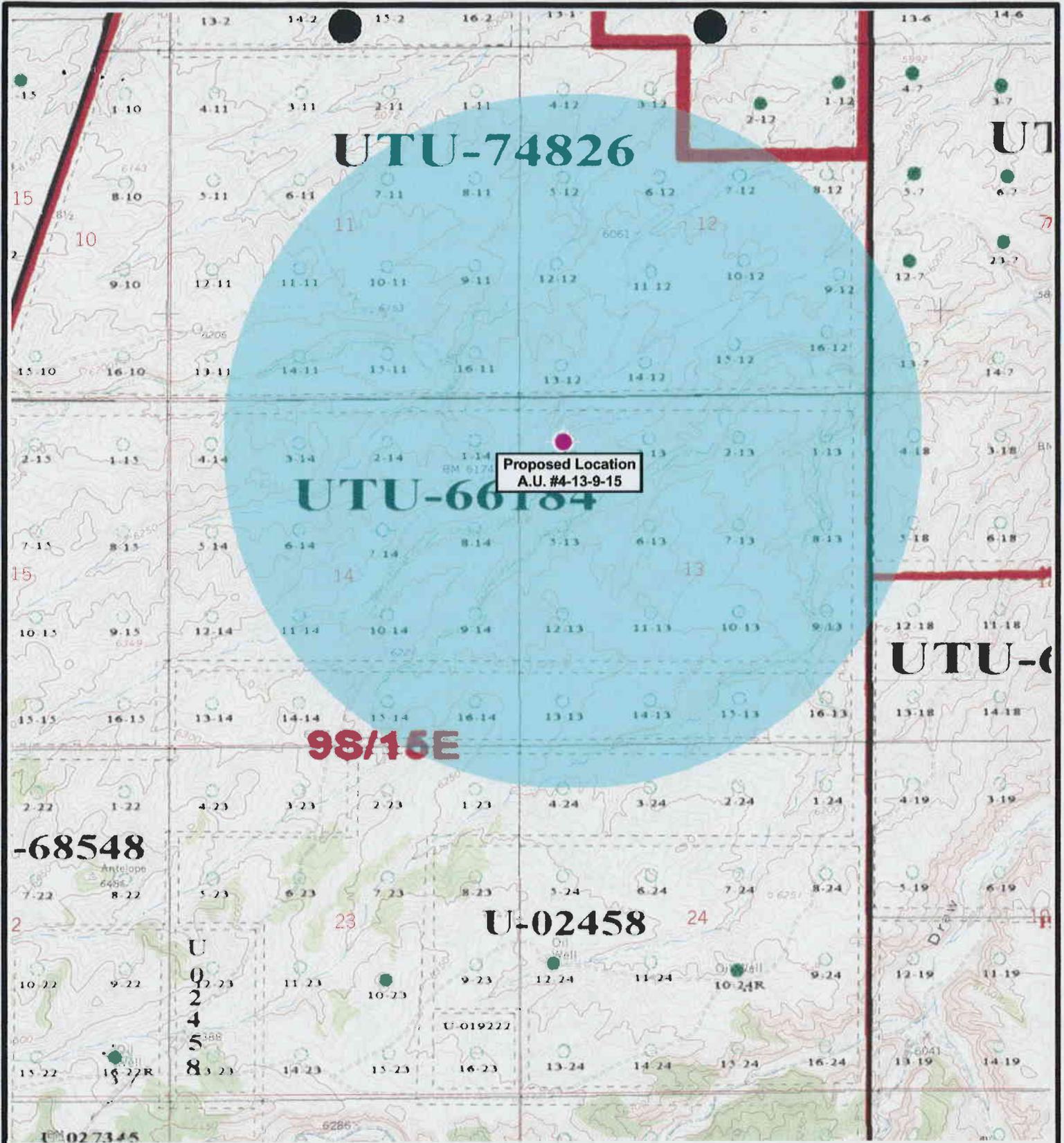
60 17th Ave. Suite 200  
 Denver, Colorado 80202  
 Phone: 303.733.8923

**U-100 Basin**

LINE & BASELINE  
 Sullivan & Clark County, CO

4-1 11, 11M L. J. Clark





**UTU-74826**

**UTU-66184**

**Proposed Location  
A.U. #4-13-9-15**

**98/15E**

**-68548**

**U-02458**



**Ashley Unit #4-13  
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: 08-28-2002**

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

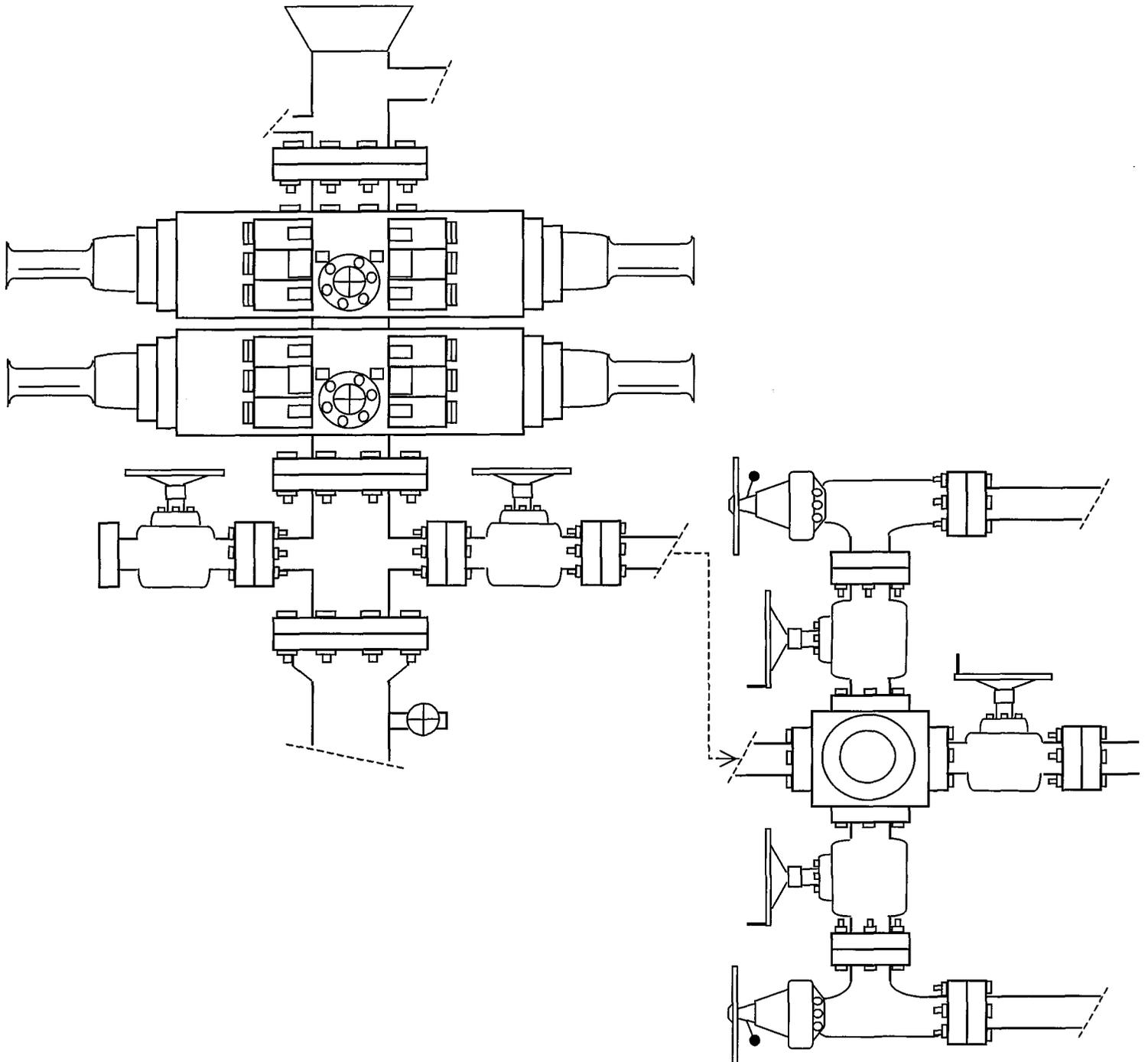


EXHIBIT C

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/16/2003

API NO. ASSIGNED: 43-013-32393

WELL NAME: ASHLEY FED 4-13-9-15  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
NWNW 13 090S 150E  
SURFACE: 0831 FNL 0557 FWL  
BOTTOM: 0831 FNL 0557 FWL  
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  
PROPOSED FORMATION: GRRV

LATITUDE: 40.03591  
LONGITUDE: 110.18737

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

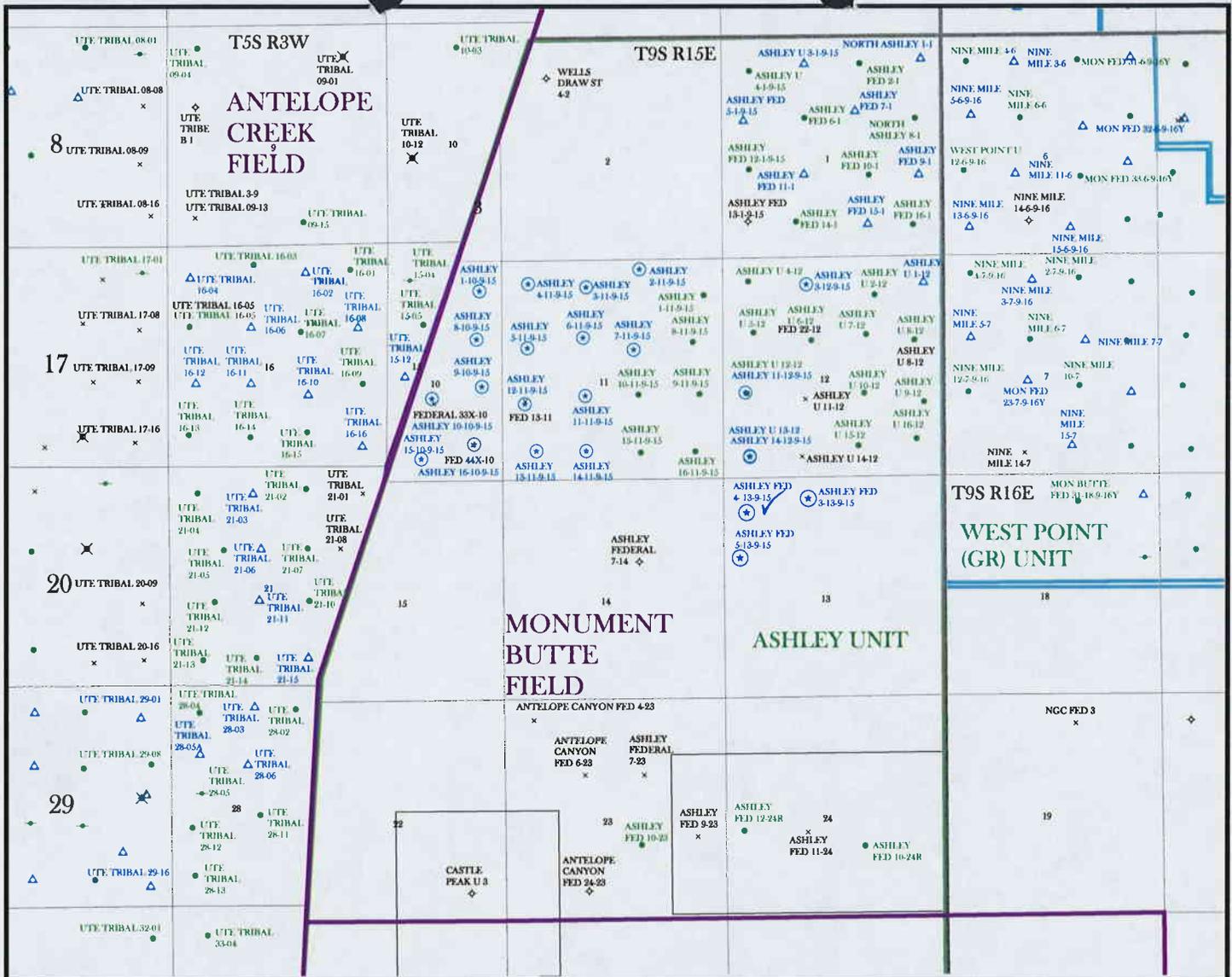
\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: Sop, Separate files

STIPULATIONS: 1- Federal approved  
2- Spacing stip



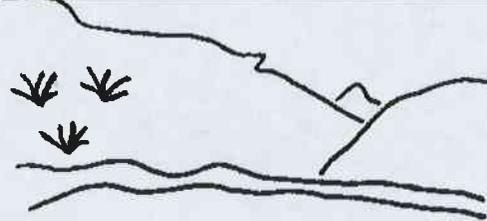
OPERATOR: INLAND PRODUCTION (N5160)

SEC. 13 T9S, R15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

WELLS

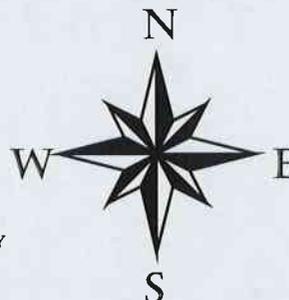
- GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◆ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ↘ WATER DISPOSAL

UNIT STATUS

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

FIELD STATUS

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



PREPARED BY: DIANA MASON  
DATE: 17-JANUARY-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

January 29, 2003

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

Re: Ashley Federal 4-13-9-15 Well, 831' FNL, 557' FWL, NW NW, 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 43-013-32393.

Sincerely,

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

John R. Baza  
Associate Director

pb  
Enclosures

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

Operator: Inland Production Company  
Well Name & Number Ashley Federal 4-13-9-15  
API Number: 43-013-32393  
Lease: UTU-66184

Location: NW NW 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.

#### 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

005

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**831 FNL 557 FWL      NW/NW Section 13, T9S R15E**

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 4-13-9-15**

9. API Well No.

**43-013-32393**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

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

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/29/03 (expiration 1/29/04).

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

Date: 01-26-04  
By: [Signature]

**RECEIVED**

**JAN 22 2004**

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

**COPY SENT TO OPERATOR**

Date: 1-29-04  
Initials: CHD

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

Signed

Mandie Crozier  
Mandie Crozier

Title

Regulatory Specialist

Date

1/2/2004

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:** 43-013-32393  
**Well Name:** Ashley Federal 4-13-9-15  
**Location:** NW/NW Section 13, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 1/29/2003

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

*Marcelle Crozier*  
Signature

1/19/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

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

006

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-66184</b>		
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>		
2. NAME OF OPERATOR <b>Inland Production Company</b>			7. UNIT AGREEMENT NAME <b>Ashley</b>		
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721</b>			8. FARM OR LEASE NAME WELL NO. <b>Ashley Federal 4-13-9-15</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface <b>NW/NW 831' FNL 557' FWL</b> At proposed Prod. Zone			9. API WELL NO. <b>43-013-32393</b>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 12.8 miles southwest of Myton, Utah</b>			10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 831' f/lse line &amp; 4723' f/unit line</b>		16. NO. OF ACRES IN LEASE <b>1,360.57</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1239'</b>		19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6162' GR</b>			22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2003</b>		
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>					

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

The Conditions of Approval are also attached.

**RECEIVED**

**JAN 22 2004**

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

**RECEIVED**

**JAN 16 2004**

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

24. SIGNED *M. Hardie Crozier* TITLE Permit Clerk DATE 1/15/03

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Edwin R. Brown* TITLE Assistant Field Manager Mineral Resources DATE 1/16/04

**NOTICE OF APPROVAL**

**\*See Instructions On Reverse Side**

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

**CONDITIONS OF APPROVAL ATTACHED**

03450222A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: ASHLEY FEDERAL 4-13-9-15  
API Number: 43-013-32393  
Lease Number: UTU - 66184  
Location: NWNW Sec. 13 TWN: 09S RNG: 15E  
Agreement: N/A

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 1,160$  ft.

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: ASHLEY FED 4-13-9-15Api No: 43-013-32393 Lease Type: FEDERALSection 13 Township 09S Range 15E County DUCHESNEDrilling Contractor ES RIG # 1**SPUDDED:**Date 07/22/04Time 2:00 PMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 07/26/2004 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**008 SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**831 FNL 557 FWL      NW/NW Section 13, T9S R15E**

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 4-13-9-15**

9. API Well No.

**43-013-32393**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

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

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

On 07/22/04 MIRU Eagle Spud #1. Spud well @ 4:00 pm, Drill 320' of 12 1/4 hole with air mist, TIH w/7 Jts 8 5/8 J55 24# csgn. Set @ 316.29'/KB. On 07/27/04. Cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. With 4 bbls cement returned to surface. WOC.

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

Signed

Ray Herrera  
Ray Herrera

Title

Drilling Foreman

Date

7/27/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

**RECEIVED**

**JUL 30 2004**

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

DIV. OF OIL, GAS & MINING

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 316.29

LAST CASING 8 5/8" SET AT 316'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Ashley Federal 4-13-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # EDSI, ES #1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		38.86' SH jt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	304.44
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			306.29
TOTAL LENGTH OF STRING		306.29	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>316.29</b>
TOTAL		304.44	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		304.44	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.	Spud	7/22/2004	2:00 PM	Bbls CMT CIRC TO SURFACE			4 bbls
CSG. IN HOLE		7/23/2004	4:00 PM	RECIPROCATED PIPE I N/A			
BEGIN CIRC				DID BACK PRES. VALVE HOLD ?			N/A
BEGIN PUMP CMT				BUMPED PLUG TO			200 PSI
BEGIN DSPL. CMT							
PLUG DOWN		Cemented	7/27/2004				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Pat Wisener

DATE 7/27/2004

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

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

OPERATOR ACCT. NO. **N5160**

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	14248	43-013-32393	Ashley Federal 4-13-9-15	NW/NW	13	9S	15E	Duchesne	July 22, 2004	8/5/04	K
WELL 1 COMMENTS: <i>NON PA - GRUV</i>												
B	99999	12704	43-013-32503	BlackJack Federal 15-10-9-17	SW/SE	10	9S	17E	Duchesne	July 27, 2004	8/5/04	K
WELL 2 COMMENTS: <i>GRUV</i>												
B	99999	12704	43-013-32504	BlackJack Federal 13-10-9-17	SW/SW	10	9S	17E	Duchesne	July 29, 2004	8/5/04	K
WELL 3 COMMENTS: <i>GRUV</i>												
A	99999	14249	43-047-35157	Federal 7-11-9-17	SW/NE	11	9S	17E	Uintah	August 2, 2004	8/5/04	K
WELL 4 COMMENTS: <i>GRUV</i>												
A	99999	14250	43-047-35158	Federal 9-11-9-17	NE/SE	11	9S	17E	Uintah	August 3, 2004	8/5/04	K
WELL 5 COMMENTS: <i>GRUV</i>												

ACTION CODES (See instructions on back of form)

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

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

(3/01)

RECEIVED  
AUG 05 2004

DIV. OF OIL, GAS & MINING

*Kobbie S. Jones*  
 Signature: Kobbie S. Jones  
 Title: Production Clerk  
 Date: August 5, 2004

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

Come visit us on the internet at <http://www.sos.state.tx.us/>

PHONE(512) 463-5555  
Prepared by: SOS-WEB

FAX(512) 463-5709

TTY7-1-1

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

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

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		



# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6123.5

LAST CASING 8 5/8" SET AT 314'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6150' LOGGER 6149'  
 HOLE SIZE 7 7/8"

Flt cllr @ 6082'  
 OPERATOR Newfield Production Company  
 WELL Ashley 4-13-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Eagle Rig #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>5' @ 4026'</b>					
<b>143</b>	<b>5 1/2"</b>	MAV LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6067.57
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	MAV LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	42.68
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6125.5
TOTAL LENGTH OF STRING	6125.5	144	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	128.56	3	CASING SET DEPTH	<b>6123.5</b>

TOTAL	<b>6238.81</b>	<b>147</b>	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	6238.81	147	
TIMING	1st STAGE	2nd STAGE	
BEGIN RUN CSG.	11/5/2004	11:30 PM	GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE	11/6/2004	3:00 AM	Bbls CMT CIRC TO SURFACE <u>10</u>
BEGIN CIRC	11/6/2004	3:00 AM	RECIPROCATED PIPE IN/A <u>THRUSTROKE</u>
BEGIN PUMP CMT	11/6/2004	4:55 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>
BEGIN DSPL. CMT	11/6/2004	5:42 AM	BUMPED PLUG TO <u>2050</u> PSI
PLUG DOWN	11/6/2004	6:08 AM	

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>285</b>	Premlite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + <del>14</del> 1#s/sk Cello Flake + 5#BLSF mixed @ 11.0 ppg W / 3.43 cf/sk yield
<b>2</b>	<b>400</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING **RECEIVED**  
 Centralizers - Middle first, top second & third. Then every third collar for a total of 20. **NOV 10 2004**

DIV OF OIL, GAS & MINING

COMPANY REPRESENTATIVE Floyd Mitchell DATE 11/6/2004

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	R2	COUNTY		
C	14322	12419	43-013-32476	Ashley Federal 12-14-9-15	NW/SW	14	9S	15E	Duchesne		10/1/2004
WELL 1 COMMENTS: <i>GRW</i>											
C	14323	12419	43-013-32467	Ashley Federal 11-14-9-15	NE/SW	14	9S	15E	Duchesne		10/1/2004
WELL 2 COMMENTS: <i>GRW</i>											
C	14071	12419	43-013-32399	Ashley Federal 8-14-9-15	SE/NE	14	9S	15E	Duchesne		10/1/2004
WELL 3 COMMENTS: <i>GRW</i>											
C	14248	12419	43-013-32393	Ashley Federal 4-13-9-15	NW/WW	13	9S	15E	Duchesne		10/1/2004
WELL 4 COMMENTS: <i>GRW</i>											
C	14342	12419	43-013-32400	Ashley Federal 9-14-9-15	NE/SE	14	9S	15E	Duchesne		10/1/2004
WELL 5 COMMENTS: <i>GRW</i>											

K

K

K

K

K

- 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 well well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

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

(3/99)

*Kebbie S. Jones*  
 Signature  
 Production Clerk  
 Title  
 January 3, 2005  
 Date

RECEIVED  
 JAN 03 2005  
 DIV. OF OIL, GAS & MINING

013

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU-66184

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

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

7. UNIT AGREEMENT NAME

Ashley

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

Ashley Federal 4-13-9-15

2. NAME OF OPERATOR

Newfield Production Company

9. WELL NO.

43-013-32393

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface 831' FNL & 557' FWL (NW NW) Sec. 13, Twp 9S, Rng 15E

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

Sec. 13, Twp. 9S, Rng. 15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32393 DATE ISSUED 1/29/2003

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUNDED 8/22/2004

16. DATE T.D. REACHED 11/5/2004

17. DATE COMPL. (Ready to prod.) 12/7/2004

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GL 6162'

KB 6174'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6050'

21. PLUG BACK T.D., MD & TVD 5706'

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 5170'-5970'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	316'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6123'	7-7/8"	285 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 @ 5978'	TA @ 5876'

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) 5942'-5970'	.41"	2/56	5942'-5970'	Frac w/ 62,717# 20/40 sand in 504 bbls fluid.
(CP4) 5834'-5844'	.41"	4/40	5834'-5844'	Frac w/ 24,513# 20/40 sand in 298 bbls fluid.
(LODC) 5350-65', 5374-84'	.41"	4/100	5350'-5384'	Frac w/ 128,656# 20/40 sand in 890 bbls fluid.
(A1,3) 5170-80', 5234-50'	.41"	4/104	5170'-5250'	Frac w/ 109,768# 20/40 sand in 781 bbls fluid.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
12/7/2004	2-1/2" x 1-1/2" x 14' RHAC Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
10 day ave			---->	88	42	8	477
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

JAN 10 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

DIV. OF

SIGNED

*Brian Harris*

TITLE

Engineering Technician

DATE

1/7/2005

Brian Harris

BDH

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				MEAS. DEPTH	TOP
				TRUE	VERT. DEPTH
			Well Name Ashley Fed. 4-13-9-15	3697'	
				3926'	
				4032'	
				4288'	
				4550'	
				4585'	
				4692'	
				5010'	
				5608'	
				6058'	

NAME  
 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)

**NEWFIELD**



January 7, 2005

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Ms. Carol Daniels

Federal 11-12-9-17 (43-047-35167)  
Ashley Fed. 4-13-9-15 (43-013-32393)

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Pat Grissom of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Harris". The signature is fluid and cursive, with the first name "Brian" being more prominent than the last name "Harris".

Brian Harris  
Engineering Tech

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Renee Palmer/Roosevelt

**RECEIVED**  
**JAN 10 2005**  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

**014**

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 8-10-9-15	10	090S	150E	4301332298	12419	Federal	OW	P	
ASHLEY 9-10-9-15	10	090S	150E	4301332299	12419	Federal	WI	A	
ASHLEY 15-10-9-15	10	090S	150E	4301332304	12419	Federal	WI	A	
ASHLEY 16-10-9-15	10	090S	150E	4301332305	12419	Federal	OW	OPS	
ASHLEY 4-11-9-15	11	090S	150E	4301332295	12419	Federal	OW	P	
ASHLEY 5-11-9-15	11	090S	150E	4301332296	12419	Federal	WI	A	
ASHLEY 6-11-9-15	11	090S	150E	4301332297	12419	Federal	OW	P	
ASHLEY 11-11-9-15	11	090S	150E	4301332300	12419	Federal	OW	P	
ASHLEY 12-11-9-15	11	090S	150E	4301332301	12419	Federal	OW	P	
ASHLEY 13-11-9-15	11	090S	150E	4301332302	12419	Federal	OW	P	
ASHLEY 14-11-9-15	11	090S	150E	4301332303	12419	Federal	OW	P	
ASHLEY 3-12-9-15	12	090S	150E	4301332319	12419	Federal	OW	P	
ASHLEY 11-12-9-15	12	090S	150E	4301332326	12419	Federal	OW	P	K
ASHLEY 14-12-9-15	12	090S	150E	4301332327	12419	Federal	OW	P	K
ASHLEY FED 3-13-9-15	13	090S	150E	4301332392	12419	Federal	WI	A	K
ASHLEY FED 4-13-9-15	13	090S	150E	4301332393	12419	Federal	OW	P	K
ASHLEY FED 5-13-9-15	13	090S	150E	4301332394	12419	Federal	OW	P	K
ASHLEY FED 1-14-9-15	14	090S	150E	4301332395	12419	Federal	OW	P	K
ASHLEY FED 2-14-9-15	14	090S	150E	4301332396	12419	Federal	OW	P	K
ASHLEY FED 3-14-9-15	14	090S	150E	4301332397	12419	Federal	OW	P	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

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: ASHLEY FED 4-13-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0831 FNL 0557 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 13 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013323930000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013323930000	STATE: UTAH

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

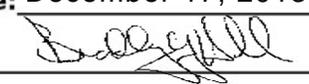
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2013	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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 11/27/2013. New interval was perforated, GB6 sands - 4266-4282' 3 JSPF. On 12/02/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/03/2013 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an State representative available to witness the test.

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

Date: December 17, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/9/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 12/3/13 Time 8:43 am pm  
Test Conducted by: Kevin Powell  
Others Present: \_\_\_\_\_

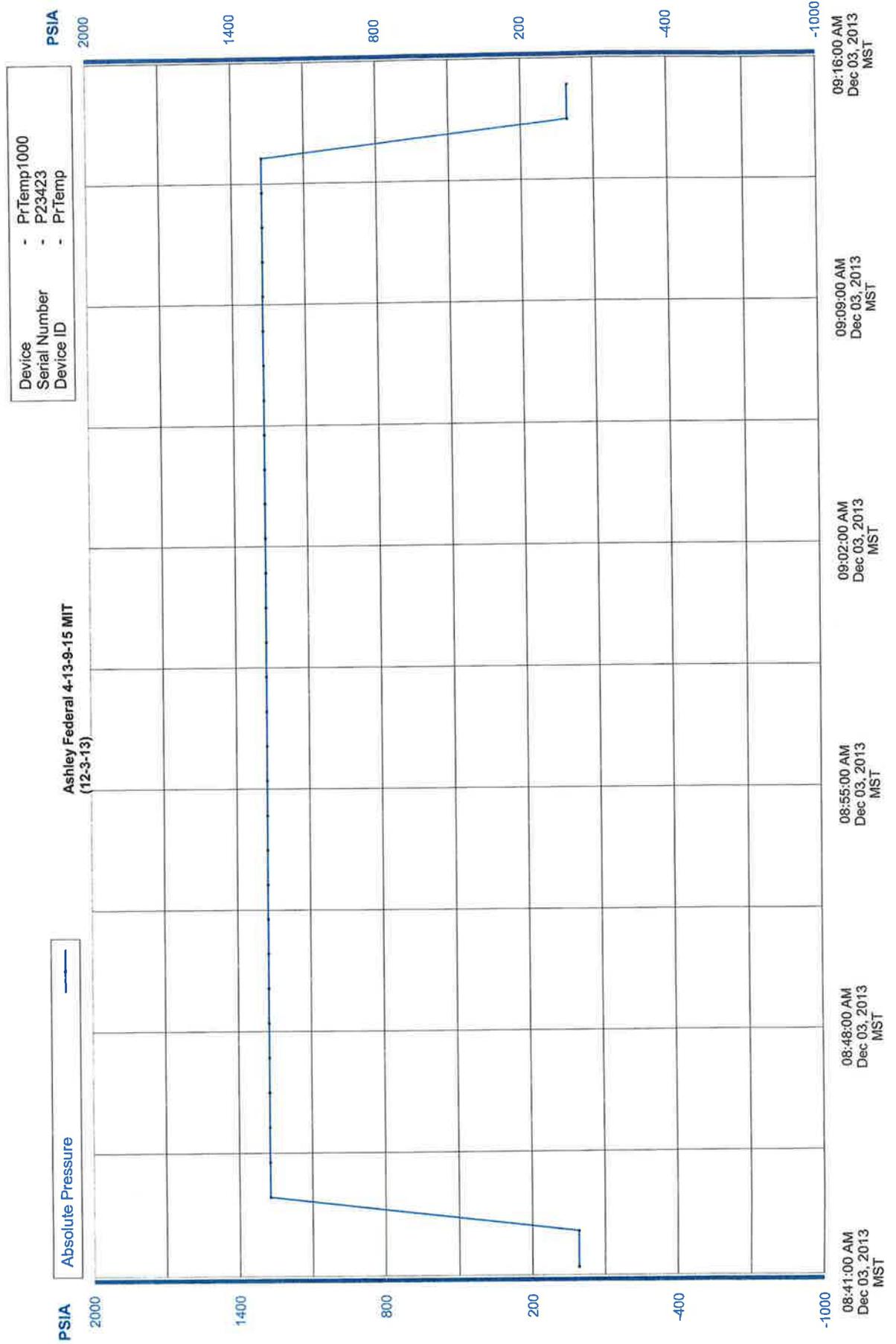
Well: Ashtley Federal 4-13-915 Field: Monument Beetle  
Well Location: NW 10W Sec. 13, T4S, R15E API No: 43-013-32393  
Duchesne County, Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1272</u>	psig
5	<u>1274</u>	psig
10	<u>1274</u>	psig
15	<u>1275</u>	psig
20	<u>1275</u>	psig
25	<u>1275</u>	psig
30 min	<u>1275</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 100 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Kevin Powell



**Daily Activity Report**

Format For Sundry

**ASHLEY 4-13-9-15****9/1/2013 To 1/30/2014****10/29/2013 Day: 1****Host Well Gyro**

Nabors #1108 on 10/29/2013 - MIRU, TOO H w/ rods, SDFN - Move rig, MIRUSU - Unhang rods, RD Pumping unit. Pump 60 BW dwn csg. - Unseat pump, flush rods w/ 40 BW. - TOO H w/ rods, flush rods 2 times on way out. Rod details as follow: 2' pny, 6' pony, 100- 3/4" 4per, 120- 3/4" slick, 10- 3/4" 4per, 6 wt bars, pump. SDFN. - Travel time - TOO H w/ rods, flush rods 2 times on way out. Rod details as follow: 2' pny, 6' pony, 100- 3/4" 4per, 120- 3/4" slick, 10- 3/4" 4per, 6 wt bars, pump. SDFN. - Move rig, MIRUSU - Softseat & test tbg to 3000psi, good test. - Travel time - Unseat pump, flush rods w/ 40 BW. - Softseat & test tbg to 3000psi, good test. - Unhang rods, RD Pumping unit. Pump 60 BW dwn csg.

**Daily Cost:** \$0**Cumulative Cost:** \$7,447**10/30/2013 Day: 2****Host Well Gyro**

Nabors #1108 on 10/30/2013 - Run GYRO, PWOP - Travel Time - On standby waiting for Gyro crew to show up. - RU multishot, run Gyro on well, RD Multishot. - Prime pump and TIH w/ rods, Rod detail as follows: 25-150-14-RHAC pump, 6 x 1.5 wt bars, 10 x 3/4" 4 per guided rods, 120 x 3/4" slick rods, 100 x 4 per guided rods, 6', 2' pony subs, and polish rod 1.5 x 22'. - RU multishot, run Gyro on well, RD Multishot. - On standby waiting for Gyro crew to show up. - Travel Time - Load tbg and long stroke to 800 PSI, good test. RD hot oiler. - Hang off horses head and rods. - RD rig, rack out winch truck and tools, prel to move rig to next location. - Road rig to the 14-11-9-15. FINAL REPORT! - Load tbg and long stroke to 800 PSI, good test. RD hot oiler. - Hang off horses head and rods. - RD rig, rack out winch truck and tools, prel to move rig to next location. - Prime pump and TIH w/ rods, Rod detail as follows: 25-150-14-RHAC pump, 6 x 1.5 wt bars, 10 x 3/4" 4 per guided rods, 120 x 3/4" slick rods, 100 x 4 per guided rods, 6', 2' pony subs, and polish rod 1.5 x 22'. - Road rig to the 14-11-9-15. FINAL REPORT!

**Daily Cost:** \$0**Cumulative Cost:** \$16,710**11/22/2013 Day: 1****Well Stimulation**

WWS #9 on 11/22/2013 - TOO H w/tbg - Spot on rig tanks/pump & tbg trailer. Secuere location for the night - Wait on semi to move tbg trailer. - LD 54 extra jnts onto trailer - TOO H w/tbg, breaking & doping collars & tally 129 jts - xo to tbg eqp. ND WH, PU on tbg, release TAC, NU BOPs, RU tbg works - LD rods, wt bars & pump. - Crew travel & safety mtg - Crew travel - Spot on rig tanks/pump & tbg trailer. Secuere location for the night - Wait on semi to move tbg trailer. - LD 54 extra jnts onto trailer - TOO H w/tbg, breaking & doping collars & tally 129 jts - xo to tbg eqp. ND WH, PU on tbg, release TAC, NU BOPs, RU tbg works - LD rods, wt bars & pump. - Crew travel & safety mtg - Crew travel

**Daily Cost:** \$0**Cumulative Cost:** \$6,844**11/25/2013 Day: 3****Well Stimulation**

WWS #9 on 11/25/2013 - frac/flowback, release plug \* pkr, TOO H w/workstring - Stage #1,

GB6 sands. 14 psi on well. Frac GB6 w/30,060#s of 20/40 White sand in 203 bbls 17# Delta 140 fluid. Broke @ 2850 psi @ 4.9 BPM. Treated w/ ave pressure of 2565 psi @ ave rate of 15 BPM. ISDP 1937 psi, FG= .89 5-min SIP 1841 psi, 10-min SIP 1810 psi, 15-min SIP 1793 psi. 300 total BWTR. - Stage #1, GB6 sands. 14 psi on well. Frac GB6 w/30,060#s of 20/40 White sand in 203 bbls 17# Delta 140 fluid. Broke @ 2850 psi @ 4.9 BPM. Treated w/ ave pressure of 2565 psi @ ave rate of 15 BPM. ISDP 1937 psi, FG= .89 5-min SIP 1841 psi, 10-min SIP 1810 psi, 15-min SIP 1793 psi. 300 total BWTR. - Flowback well into tankw/16 choke @ 1600 psi. - Flowback well into tankw/16 choke @ 1600 psi. - change choke to 20 @ 1300#. - change choke to 20 @ 1300#. - choke full open @ 800#. Well died. 186 bbls returned. - choke full open @ 800#. Well died. 186 bbls returned. - PU/release pkr. Circ well clean. TIH w/tbg, tag fill @ 4461. 31'of fill on top of RBP. Wash dwn, circ sand out. - PU/release pkr. Circ well clean. TIH w/tbg, tag fill @ 4461. 31'of fill on top of RBP. Wash dwn, circ sand out. - PU/release RBP. Spot in tbg trailer to rig floor. Begin LD work string 2 7/8" N80 tbg, 71 jts. SWIFN - PU/release RBP. Spot in tbg trailer to rig floor. Begin LD work string 2 7/8" N80 tbg, 71 jts. SWIFN - Crew travel - Crew travel - Crew travel & safety mtg - Crew travel & safety mtg - RU Extreme wireline. RIH w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate GB6 4266-82'. Misfire on top gun of first run. POOH/RDMO - RU Extreme wireline. RIH w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate GB6 4266-82'. Misfire on top gun of first run. POOH/RDMO - tally N80 tbg, MU BHA, PU pipe, 141 jts - tally N80 tbg, MU BHA, PU pipe, 141 jts - set 5 1/2" TS RBP @ 4492', pull up 2 jts, set pkr. Fill tbg w/26bbls, test tools to 1500#-good. Fill back side w/42 bbls, release pkr, pull 6 jts - set 5 1/2" TS RBP @ 4492', pull up 2 jts, set pkr. Fill tbg w/26bbls, test tools to 1500#-good. Fill back side w/42 bbls, release pkr, pull 6 jts - set pkr @ 4228', EOT @ 4238', RU hotoiler, breakdown zone @ 1900# w/bbls fluid. SWIFN - set pkr @ 4228', EOT @ 4238', RU hotoiler, breakdown zone @ 1900# w/bbls fluid. SWIFN - Crew travel - Crew travel - Wait on Halliburton frac crew to arrive. They were held up on QEP job over the weekend. - Wait on Halliburton frac crew to arrive. They were held up on QEP job over the weekend. - MIRU Halliburton frac crew - MIRU Halliburton frac crew - Safety mtg with all hands on location. Pressure test all frac iron to 4000#, test pump kick-outs-good tests. - Safety mtg with all hands on location. Pressure test all frac iron to 4000#, test pump kick-outs-good tests. - Stage #1, GB6 sands. 14 psi on well. Frac GB6 w/30,060#s of 20/40 White sand in 203 bbls 17# Delta 140 fluid. Broke @ 2850 psi @ 4.9 BPM. Treated w/ ave pressure of 2565 psi @ ave rate of 15 BPM. ISDP 1937 psi, FG= .89 5-min SIP 1841 psi, 10-min SIP 1810 psi, 15-min SIP 1793 psi. 300 total BWTR. - Stage #1, GB6 sands. 14 psi on well. Frac GB6 w/30,060#s of 20/40 White sand in 203 bbls 17# Delta 140 fluid. Broke @ 2850 psi @ 4.9 BPM. Treated w/ ave pressure of 2565 psi @ ave rate of 15 BPM. ISDP 1937 psi, FG= .89 5-min SIP 1841 psi, 10-min SIP 1810 psi, 15-min SIP 1793 psi. 300 total BWTR. - Flowback well into tankw/16 choke @ 1600 psi. - Flowback well into tankw/16 choke @ 1600 psi. - change choke to 20 @ 1300#. - change choke to 20 @ 1300#. - choke full open @ 800#. Well died. 186 bbls returned. - choke full open @ 800#. Well died. 186 bbls returned. - PU/release pkr. Circ well clean. TIH w/tbg, tag fill @ 4461. 31'of fill on top of RBP. Wash dwn, circ sand out. - PU/release pkr. Circ well clean. TIH w/tbg, tag fill @ 4461. 31'of fill on top of RBP. Wash dwn, circ sand out. - PU/release RBP. Spot in tbg trailer to rig floor. Begin LD work string 2 7/8" N80 tbg, 71 jts. SWIFN - PU/release RBP. Spot in tbg trailer to rig floor. Begin LD work string 2 7/8" N80 tbg, 71 jts. SWIFN - Crew travel - Crew travel - Crew travel & safety mtg - Crew travel & safety mtg - RU Extreme wireline. RIH w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate GB6 4266-82'. Misfire on top gun of first run. POOH/RDMO - RU Extreme wireline. RIH w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate GB6 4266-82'. Misfire on top gun of first run. POOH/RDMO - tally N80 tbg, MU BHA, PU pipe, 141 jts - tally N80 tbg, MU BHA, PU pipe, 141 jts - set 5 1/2" TS RBP @ 4492', pull up 2 jts, set pkr. Fill tbg w/26bbls, test tools to 1500#-good. Fill back side w/42 bbls, release pkr, pull 6 jts - set 5 1/2" TS RBP @ 4492', pull up 2 jts, set pkr. Fill tbg w/26bbls, test tools to 1500#-good. Fill back side w/42 bbls, release pkr, pull 6 jts - set pkr @ 4228', EOT @ 4238', RU hotoiler, breakdown zone @ 1900# w/bbls fluid. 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Halliburton frac crew - MIRU Halliburton frac crew - Safety mtg with all hands on location. Pressure test all frac iron to 4000#, test pump kick-outs-good tests. - Safety mtg with all hands on location. Pressure test all frac iron to 4000#, test pump kick-outs-good tests.

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$60,226

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**11/27/2013 Day: 4****Well Stimulation**

WWS #9 on 11/27/2013 - Finish POOH/LD workstring. RIH w/conversion string. Attempt psi test. - Rih/retrieve SV, POOH, pump 5bbls, drop new SV, fill tbg w/20bbls, pressure up tbg to 3000#, watch 30 min, lost 390#, watch for another hr, lost 50#, bump back up to 3000#, check psi in am. - pump 5bbls fresh wtr, drop SV fill tbg w/20 bbls, pressure up tbg to 3000#, watch 30 min, drop 400 psi, watch another 30 min, lost 40psi. Pressure back up to 3000#, watch 30 min, lost 50#, bleed off psi, tighten tbg collar on top jnt, pressure back up to 3000#, watch 30 min, lost 120#, watch another hr, lost 140#. - PU & RIH w 2 3/8" re-entry guide, 1-2 3/8" XN nipple, 1-4'x2 3/8" sub, 1-5 1/2 arrowset pkr, new PSN, 129 jts 2 7/8" J55 tbg. - LD work string, 70 jts, LD tools - crew travel & safety mtg - crew travel - PU & RIH w 2 3/8" re-entry guide, 1-2 3/8" XN nipple, 1-4'x2 3/8" sub, 1-5 1/2 arrowset pkr, new PSN, 129 jts 2 7/8" J55 tbg. - LD work string, 70 jts, LD tools - crew travel & safety mtg - pump 5bbls fresh wtr, drop SV fill tbg w/20 bbls, pressure up tbg to 3000#, watch 30 min, drop 400 psi, watch another 30 min, lost 40psi. Pressure back up to 3000#, watch 30 min, lost 50#, bleed off psi, tighten tbg collar on top jnt, pressure back up to 3000#, watch 30 min, lost 120#, watch another hr, lost 140#. - Rih/retrieve SV, POOH, pump 5bbls, drop new SV, fill tbg w/20bbls, pressure up tbg to 3000#, watch 30 min, lost 390#, watch for another hr, lost 50#, bump back up to 3000#, check psi in am. - crew travel

**Daily Cost:** \$0**Cumulative Cost:** \$68,298

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**12/2/2013 Day: 5****Well Stimulation**

WWS #9 on 12/2/2013 - psi test csg, ret. SV, pump pkr fluid. Test pkr-good. - - Crew travel to next location - pressure back up to 1460#, watch 30 min-lost 20#, watch for an additional 30 min-no loss. RDSU - PU/set pkr w/C.E. @ 4220', NU WH injection treed, fill csg w/40bbls, pressure back up to 1400#, watch 30 min-lost 100#. - RU floor, ND BOPs, pump 65 bbls fresh wtr w/pkr fluid - RIH retrieve SV, POOH - pressure back up to 2980, watch 30 min-good. Watch an additional 30 min-still good. - Thaw WH, csg psi 2780#, lost 180# overnight. - Crew travel & safety mtg - - Crew travel to next location - Crew travel & safety mtg - Thaw WH, csg psi 2780#, lost 180# overnight. - pressure back up to 2980, watch 30 min-good. Watch an additional 30 min-still good. - RIH retrieve SV, POOH - RU floor, ND BOPs, pump 65 bbls fresh wtr w/pkr fluid - PU/set pkr w/C.E. @ 4220', NU WH injection treed, fill csg w/40bbls, pressure back up to 1400#, watch 30 min-lost 100#. - pressure back up to 1460#, watch 30 min-lost 20#, watch for an additional 30 min-no loss. RDSU **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$74,544

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**12/4/2013 Day: 6****Conversion**

Rigless on 12/4/2013 - Conduct intial MIT - On 12/02/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/03/2013 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 12/02/2013 Chris

Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/03/2013 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$106,756

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

# ASHLEY FEDERAL 4-13-9-15

Spud Date: 7/22/04  
 Put on Production: 12/07/04  
 GL: 6162' KB: 6174'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.29')  
 DEPTH LANDED: 316.29' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

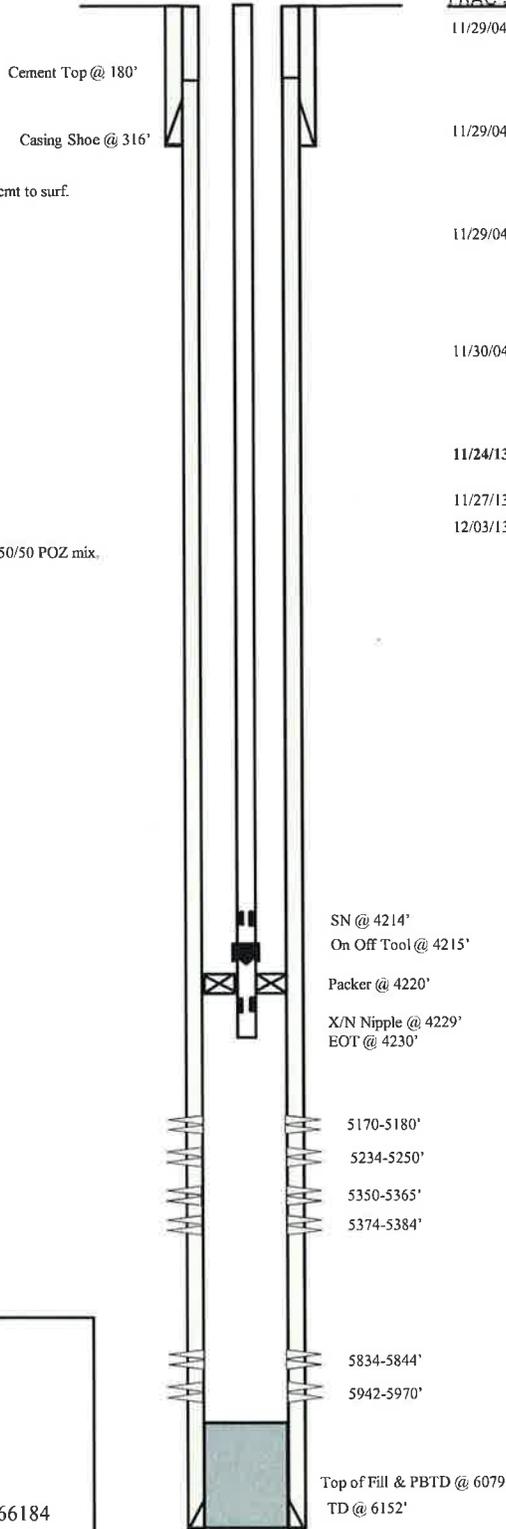
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6125.5')  
 DEPTH LANDED: 6123.5' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 180'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 129 jts (4202.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4214.1' KB  
 ON/OFF TOOL AT: 4215.2'  
 ARROW #1 PACKER CE AT: 4220.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4224.1'  
 TBG PUP 2-3/8 J-55 AT: 4224.7'  
 X/N NIPPLE AT: 4228.8'  
 TOTAL STRING LENGTH: EOT @ 4230.34'

### FRAC JOB

11/29/04	5942-5970'	<b>Frac CP5 sands as follows:</b> 62,717#s 20/40 sand in 504 bbls Lightning Frac 17 fluid. Treated @ avg press of 1937 psi w/avg rate of 24.9 BPM. ISIP 1920. Calc flush 5940 gal. Actual flush: 5982 gal.
11/29/04	5834-5844'	<b>Frac CP4 sands as follows:</b> 24,513# 20/40 sand in 298 bbls Lightning Frac 17 fluid. Treated @ avg press of 2077 psi w/avg rate of 24.8 BPM. ISIP 2010 psi. Calc flush: 5832 gal. Actual flush: 5796 gal.
11/29/04	5350-5384'	<b>Frac LODC sands as follows:</b> 128,656# 20/40 sand in 890 bbls Lightning Frac 17 fluid. Treated @ avg press of 2415 psi w/avg rate of 24.6 BPM. ISIP 2760 psi. Calc flush: 5348 gal. Actual flush: 5376 gal.
11/30/04	5170-5250'	<b>Frac A1 &amp; A3 sands as follows:</b> 109,768# 20/40 sand in 781 bbls lightning Frac 17 fluid. Treated @ avg press of 1658 psi w/avg rate of 25 BPM. ISIP 1810 psi. Calc flush: 5168 gal. Actual flush: 5040 gal.
11/24/13	4266-4282'	<b>Frac GB6 sands as follows:</b> 30060 # 20/40 sand in 203 bbls lightning Frac 17 fluid.
11/27/13		<b>Convert to Injection Well</b>
12/03/13		<b>Conversion MIT Finalized</b> – update tbg detail



### PERFORATION RECORD

Date	Interval	Tool	Holes
11/18/04	5942-5970'	4 JSPF	56 holes
11/29/04	5834-5844'	4 JSPF	40 holes
11/29/04	5374-5384'	4 JSPF	40 holes
11/29/04	5350-5365'	4 JSPF	60 holes
11/29/04	5234-5250'	4 JSPF	64 holes
11/29/04	5170-5180'	4 JSPF	40 holes
11/24/13	4266-4282'	3 JSPF	48 holes



**NEWFIELD**

**Ashley Federal 4-13-9-15**  
 831' FNL & 557' FWL  
 NW/NW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-473-013-32393; Lease #UTU-66184



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 #4-13-9-15  
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 #4-13-9-15 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 #4-13-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66184**  
**FEBRUARY 11, 2011**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Ashley Federal #4-13-9-15  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-66184  
Well Location: QQ NWNW section 13 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes  No   
Will the proposed well be used for: Enhanced Recovery? ..... Yes  No   
Disposal? ..... Yes  No   
Storage? ..... Yes  No   
Is this application for a new well to be drilled? ..... Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-32393

Proposed injection interval: from 4030 to 6079  
Proposed maximum injection: rate 500 bpd pressure 1776 psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2  
mile of the well.

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

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

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

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 2/19/11  
Phone No. (303) 893-0102

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

Comments:

# ASHLEY FEDERAL 4-13-9-15

Spud Date: 7/22/04  
 Put on Production: 12/07/04  
 GL: 6162' KB: 6174'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

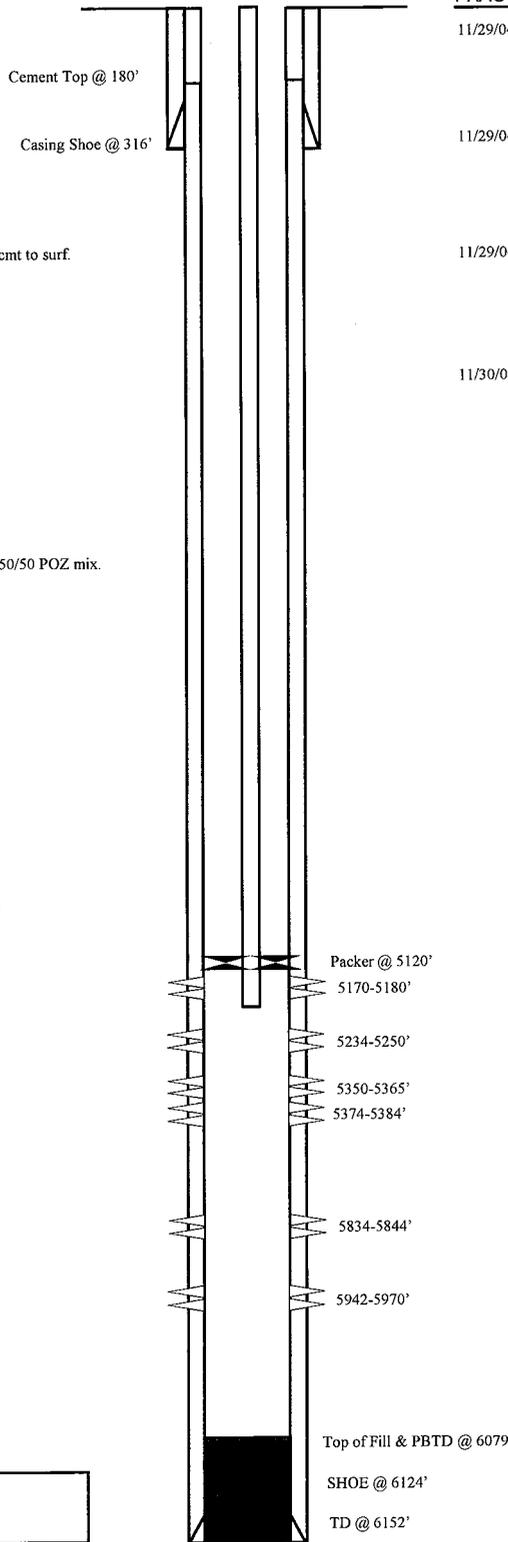
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 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.29')  
 DEPTH LANDED: 316.29' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6125.5')  
 DEPTH LANDED: 6123.5' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 180'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 180 jts (5864.20')  
 TUBING ANCHOR: 5876.20' KB  
 NO. OF JOINTS: 1 jts (32.56')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5911.56' KB  
 NO. OF JOINTS: 2 jts (65.19')  
 TOTAL STRING LENGTH: EOT @ 5978.30' w/ 12' KB



### FRAC JOB

11/29/04	5942-5970'	<b>Frac CP5 sands as follows:</b> 62,717#'s 20/40 sand in 504 bbls Lightning Frac 17 fluid. Treated @ avg press of 1937 psi w/avg rate of 24.9 BPM. ISIP 1920. Calc flush 5940 gal. Actual flush: 5982 gal.
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**NEWFIELD**

Ashley Federal 4-13-9-15  
 831' FNL & 557' FWL  
 NW/NW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-473-013-32393; 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 #4-13-9-15 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 #4-13-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4030' - 6079'). 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 3696' and the TD is at 6152'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #4-13-9-15 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 316' KB, and 5-1/2", 15.5# casing run from surface to 6124' 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 1776 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 #4-13-9-15, for existing perforations (5170' - 5970') calculates at 0.78 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 1776 psig. We may add additional perforations between 3696' and 6152'. 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 #4-13-9-15, the proposed injection zone (4030' - 6079') 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-12.

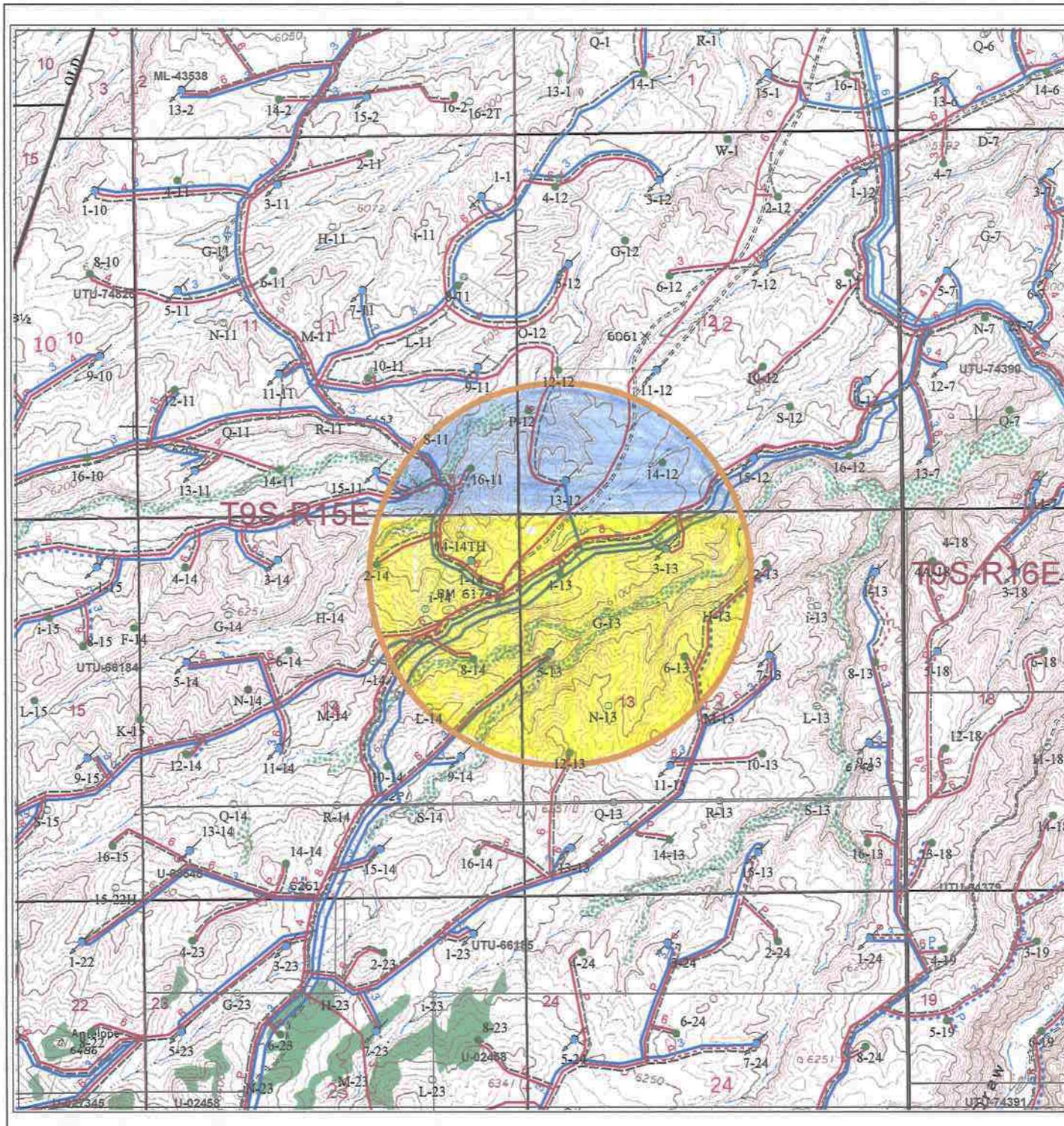
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

- 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**

**4\_13\_9\_15\_Buffer**

**Injection system**

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

**Leases**

**Mining tracts**

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines

UTU-66184

UTU-74826

Ashley 4-13  
Section 13, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

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

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

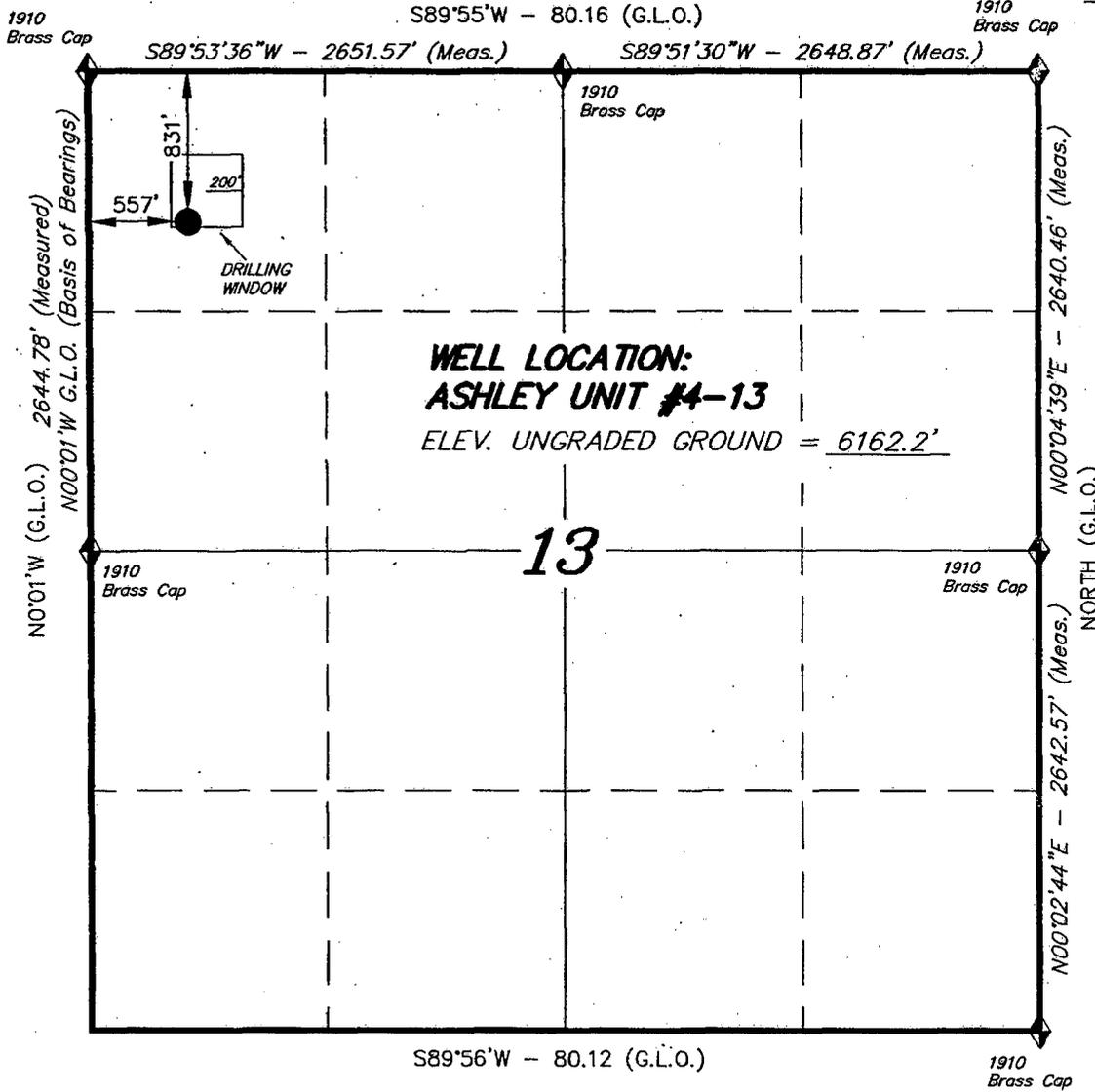
January 17, 2011

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

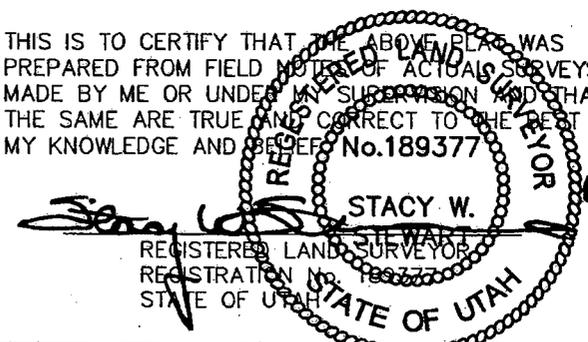
**INLAND PRODUCTION COMPANY**

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

**ATTACHMENT A-1**



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



◆ = SECTION CORNERS LOCATED

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

**TRI STATE LAND SURVEYING & CONSULTING**

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

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 8-27-02	DRAWN BY: J.R.S.
NOTES:	FILE #

## EXHIBIT B

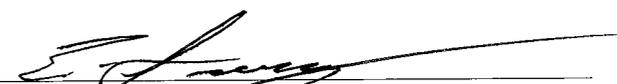
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R15E SLM</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3 (E2NW, NESW), E2	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R15E SLM</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	USA UTU-74826 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #4-13-9-15

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: Candice L. Twitty

My Commission Expires 02/10/2013



## ASHLEY FEDERAL 4-13-9-15

Spud Date: 7/22/04  
 Put on Production: 12/07/04  
 GL: 6162' KB: 6174'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.29')  
 DEPTH LANDED: 316.29' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

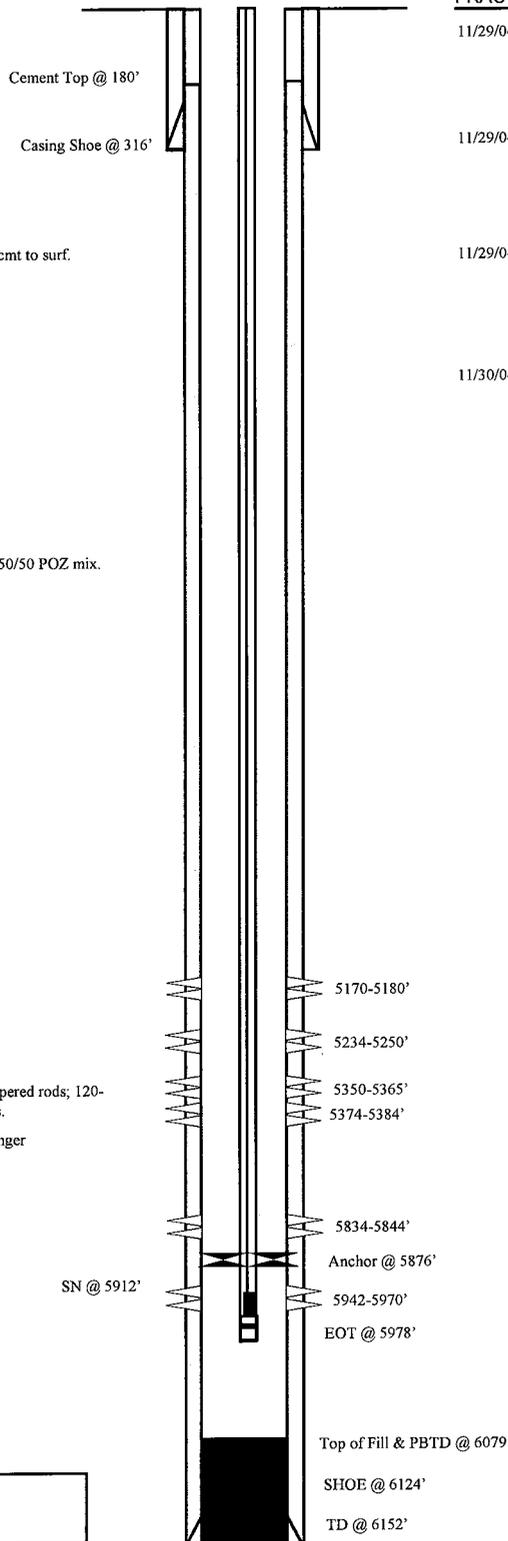
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6125.5')  
 DEPTH LANDED: 6123.5' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 180'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 180 jts (5864.20')  
 TUBING ANCHOR: 5876.20' KB  
 NO. OF JOINTS: 1 jts (32.56')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5911.56' KB  
 NO. OF JOINTS: 2 jts (65.19')  
 TOTAL STRING LENGTH: EOT @ 5978.30' w/ 12' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-6', 1-2' x 3/4" pony rods, 100-3/4" scraped rods; 120-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC pump w/ SM Plunger  
 STROKE LENGTH: 78"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL



#### FRAC JOB

11/29/04	5942-5970'	<b>Frac CP5 sands as follows:</b> 62,717# s 20/40 sand in 504 bbls Lightning Frac 17 fluid. Treated @ avg press of 1937 psi w/avg rate of 24.9 BPM. ISIP 1920. Calc flush 5940 gal. Actual flush: 5982 gal.
11/29/04	5834-5844'	<b>Frac CP4 sands as follows:</b> 24,513# 20/40 sand in 298 bbls Lightning Frac 17 fluid. Treated @ avg press of 2077 psi w/avg rate of 24.8 BPM. ISIP 2010 psi. Calc flush: 5832 gal. Actual flush: 5796 gal.
11/29/04	5350-5384'	<b>Frac LODC sands as follows:</b> 128,656# 20/40 sand in 890 bbls Lightning Frac 17 fluid. Treated @ avg press of 2415 psi w/avg rate of 24.6 BPM. ISIP 2760 psi. Calc flush: 5348 gal. Actual flush: 5376 gal.
11/30/04	5170-5250'	<b>Frac A1 &amp; A3 sands as follows:</b> 109,768# 20/40 sand in 781 bbls lightning Frac 17 fluid. Treated @ avg press of 1658 psi w/avg rate of 25 BPM. ISIP 1810 psi. Calc flush: 5168 gal. Actual flush: 5040 gal.

#### PERFORATION RECORD

11/18/04	5942-5970'	4 JSPF	56 holes
11/29/04	5834-5844'	4 JSPF	40 holes
11/29/04	5374-5384'	4 JSPF	40 holes
11/29/04	5350-5365'	4 JSPF	60 holes
11/29/04	5234-5250'	4 JSPF	64 holes
11/29/04	5170-5180'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 4-13-9-15  
 831' FNL & 557' FWL  
 NW/NW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-473-013-32393; Lease #UTU-66184

## Ashley Fed S-11-9-15

Spud Date: 7-21-10  
 Put on Production: 8-19-10  
 GL: 6061' KB: 6073'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8jts 311.75'  
 DEPTH LANDED: 324.60'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

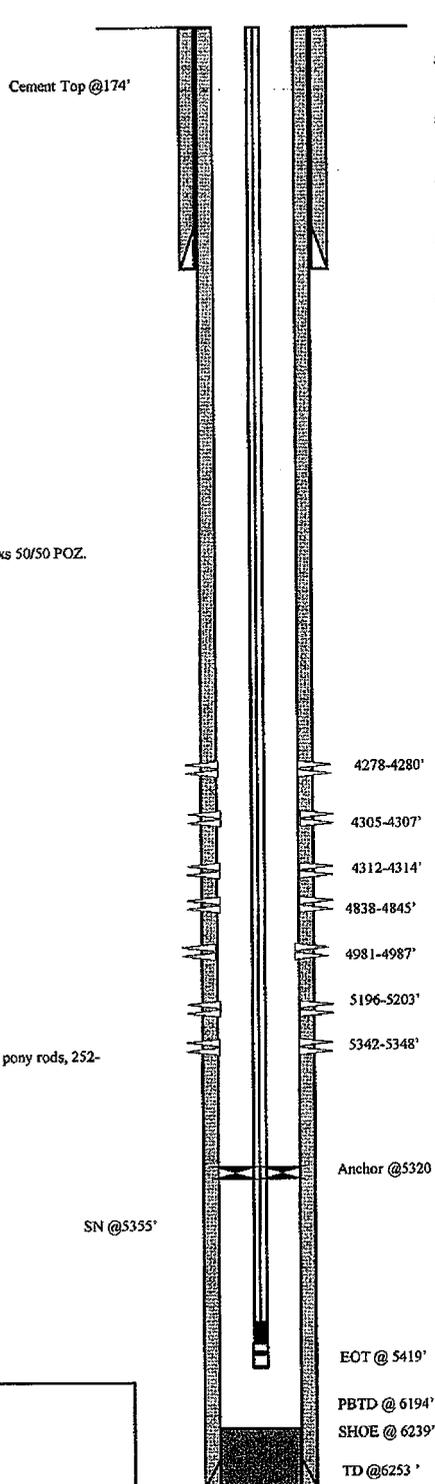
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147jts (6224.47')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6238.72'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400sxs 50/50 POZ.  
 CEMENT TOP AT: 174'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 169 jts (5307.4')  
 TUBING ANCHOR: 5320.4'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5354.6' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 5419'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 16x 7/8 pony rods, 1 - 4' x 7/8" pony rods, 252-8-7/8" guided rods, 4- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
 STROKE LENGTH: 222'  
 PUMP SPEED: SPM 5



### FRAC JOB

8-19-10	5342-5348'	Frac A3 sands as follows: Frac with 19780# 20/40 sand in 112bbls Lightning 17 fluid.
8-19-10	5196-5203'	Frac A.5 sands as follows: Frac with 14577# 20/40 sand in 84bbls Lightning 17 fluid.
8-19-10	4981-4987'	Frac C sands as follows: Frac with 14339# 20/40 sand in 86bbls Lightning 17 fluid.
8-19-10	4838-4845'	Frac D1 sands as follows: Frac with 14257# 20/40 sand in 83 bbls Lightning 17 fluid.
8-19-10	4278-4307'	Frac CB4 sands as follows: Frac with 33355# 20/40 sand in 181bbls Lightning 17 fluid.

### PERFORATION RECORD

5342-5348'	3 JSPP	18holes
5196-5203'	3 JSPP	21 holes
4981-4987'	3 JSPP	18 holes
4838-4845'	3 JSPP	21 holes
4312-4314'	3 JSPP	6holes
4305-4307'	3 JSPP	6 holes
4278-4280'	3 JSPP	6 holes

**NEWFIELD**

Ashley Fed S-11-9-15  
 SL: 2025 FSL & 1991 FEL (NW/SE)  
 Section 11, T9S, R15  
 Duchesne Co, Utah  
 API # 43-013-33877; Lease # UTU-74826

## Ashley #16-11-9-15

Spud Date: 10/17/2001  
Put on Production: 11/27/2001

GL: 6070' KB: 6080'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.17')  
DEPTH LANDED: 301.17'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 170 sxs Class "G" cmt, est 10 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5803.19')  
DEPTH LANDED: 5800.69'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 1730 per CBL

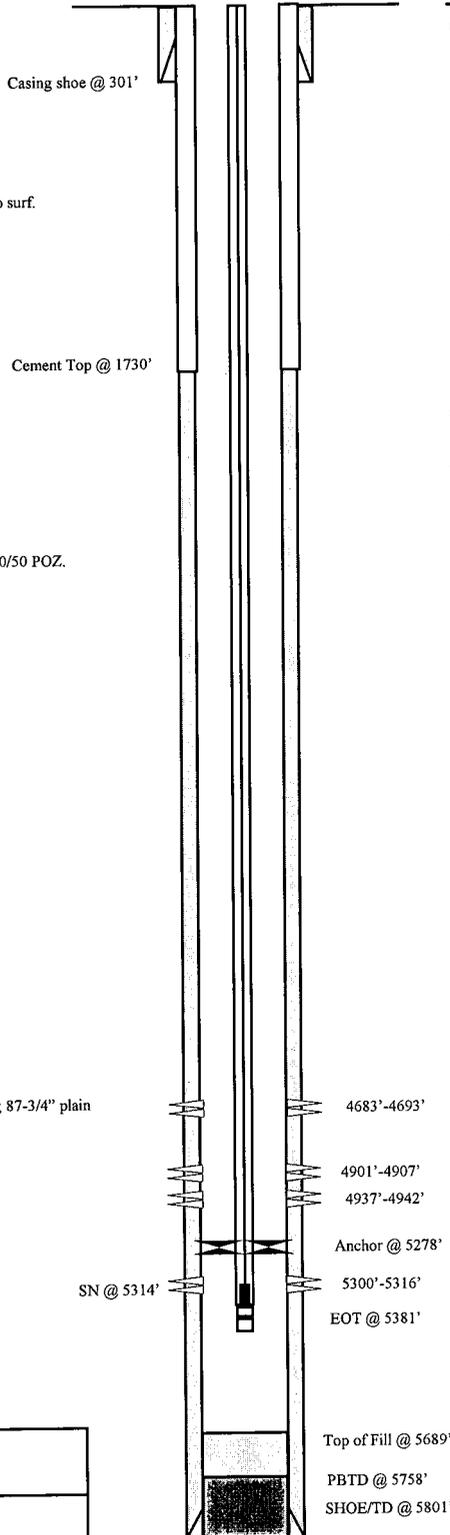
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 162 jts (5268.72')  
TUBING ANCHOR: 5278.72'  
NO. OF JOINTS: 1 jt (32.51')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5314.03' KB  
NO. OF JOINTS: 2 jts (65.08')  
TOTAL STRING LENGTH: EOT @ 5380.66' w/10' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1 1/2" weight bars; 30-3/4" scraped rods; 87-3/4" plain rods, 91-3/4" scraped rods, 1-4', 1-8' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 16' RHAC  
STROKE LENGTH: 62"  
PUMP SPEED, SPM: 5 SPM

### Wellbore Diagram



Initial Production: 47.3 BOPD,  
55.3 MCFD, 11.4 BWPD

### FRAC JOB

11/16/01	5300'-5316'	<b>Frac LODC sand as follows:</b> 50,627# 20/40 sand in 421 bbls Viking I-25 fluid. Treated @ avg press of 2600 psi w/avg rate of 25.8 BPM. ISIP 3250 psi.
11/16/01	4901'-4942'	<b>Frac B sands as follows:</b> 52,627# 20/40 sand in 425 bbls Viking I-25 fluid. Treated @ avg press of 2600 psi w/avg rate of 24.1 BPM. ISIP 2550 psi.
11/16/01	4683'-4693'	<b>Frac D1 sand as follows:</b> 44,267# 20/40 sand in 393 bbls Viking I-25 fluid. Treated @ avg press of 2300 psi w/avg rate of 24.3 BPM. ISIP 2205 psi. Opened all zones and flowed on 12/64" choke for 7 hours then died.
12/27/03		Parted Rods. Update rod and tubing detail.
03/07/05		Parted Rods. Update rod and tubing detail.
5/28/09		Parted rods. Updated r & t details.

### PERFORATION RECORD

11/16/01	5300'-5316'	4 JSPF	64 holes
11/16/01	4937'-4942'	4 JSPF	20 holes
11/16/01	4901'-4907'	4 JSPF	24 holes
11/16/01	4683'-4693'	4 JSPF	40 holes

**NEWFIELD**

---

**Ashley #16-11-9-15**

660' FSL & 662' FEL

SESE Section 11-T9S-R15E

Duchesne Co, Utah

API #43-013-32250; Lease #UTU-74826

## Ashley Federal P-12-9-15

Spud Date: 12/01/2009  
Put on Production: 01/14/2010

GL: 6016' KB: 6028'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (307.68')  
DEPTH LANDED: 319.53'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

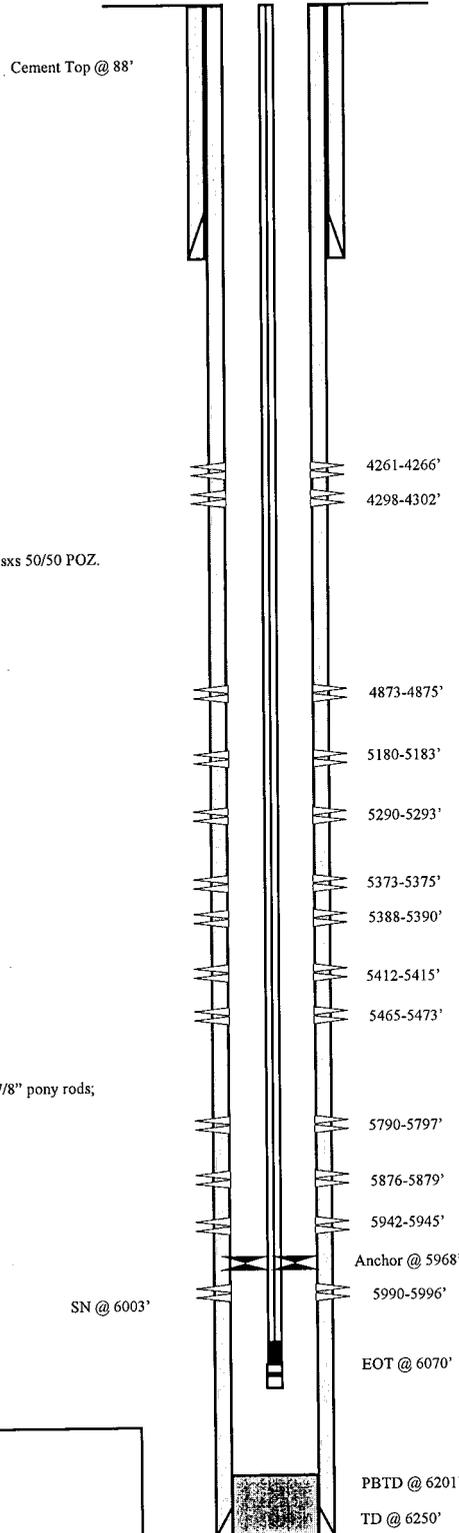
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 149 jts. (6232.05')  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6245'  
CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 88'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 183 jts (5955.8')  
TUBING ANCHOR: 5967.8'  
NO. OF JOINTS: 1 jts (32.5')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6003.1' KB  
NO. OF JOINTS: 2 jts (65')  
TOTAL STRING LENGTH: EOT @ 6070'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 6' x 7/8" pony rods;  
235 - 7/8" 8per guided rods; 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
STROKE LENGTH: 144  
PUMP SPEED: SPM 5



### FRAC JOB

01-14-10	5876-5996'	Frac CP2, CP3 & CP4 sands as follows: Frac with 50792# 20/40 sand in 318 bbls Lightning 17 fluid.
01-14-10	5790-5797'	Frac CP1 sands as follows: Frac with 24530# 20/40 sand in 208 bbls Lightning 17 fluid.
01-14-10	5373-5473'	Frac LODC sands as follows: Frac with 90918# 20/40 sand in 526 bbls Lightning 17 fluid.
01-14-10	5180-5293'	Frac A1 & A3 sands as follows: Frac with 19509# 20/40 sand in 168 bbls Lightning 17 fluid.
01-14-10	4873-4875'	Frac D2 sands as follows: Frac with 10048# 20/40 sand in 91 bbls Lightning 17 fluid.
01-14-10	4261-4302'	Frac GB4 & GB6 sands as follows: Frac with 39422# 20/40 sand in 245 bbls Lightning 17 fluid.

### PERFORATION RECORD

5990-5996'	3 JSPF	18 holes
5942-5945'	3 JSPF	9 holes
5876-5879'	3 JSPF	9 holes
5790-5797'	3 JSPF	21 holes
5465-5473'	3 JSPF	24 holes
5412-5415'	3 JSPF	9 holes
5388-5390'	3 JSPF	6 holes
5373-5375'	3 JSPF	6 holes
5290-5293'	3 JSPF	9 holes
5180-8183'	3 JSPF	9 holes
4873-4875'	3 JSPF	6 holes
4298-4302'	3 JSPF	12 holes
4261-4266'	3 JSPF	15 holes

**NEWFIELD**



**Ashley Federal P-12-9-15**  
643' FSL & 688' FEL (SE/SE)  
Section 11, T9S, R15E  
Duchesne Co, Utah

API # 43-013-33879; Lease # UTU-74826

## Ashley Fed 14-12

Spud Date: 08/05/03  
 Put on Production: 09/18/2003  
 GL: 6115' KB: 6127'

Initial Production: 53 BOPD,  
 18 MCFD, 37 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 JTS (309.49)  
 DEPTH LANDED: 299.49  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt. 4 Bbls. CMT CIRC to surface.

#### PRODUCTION CASING

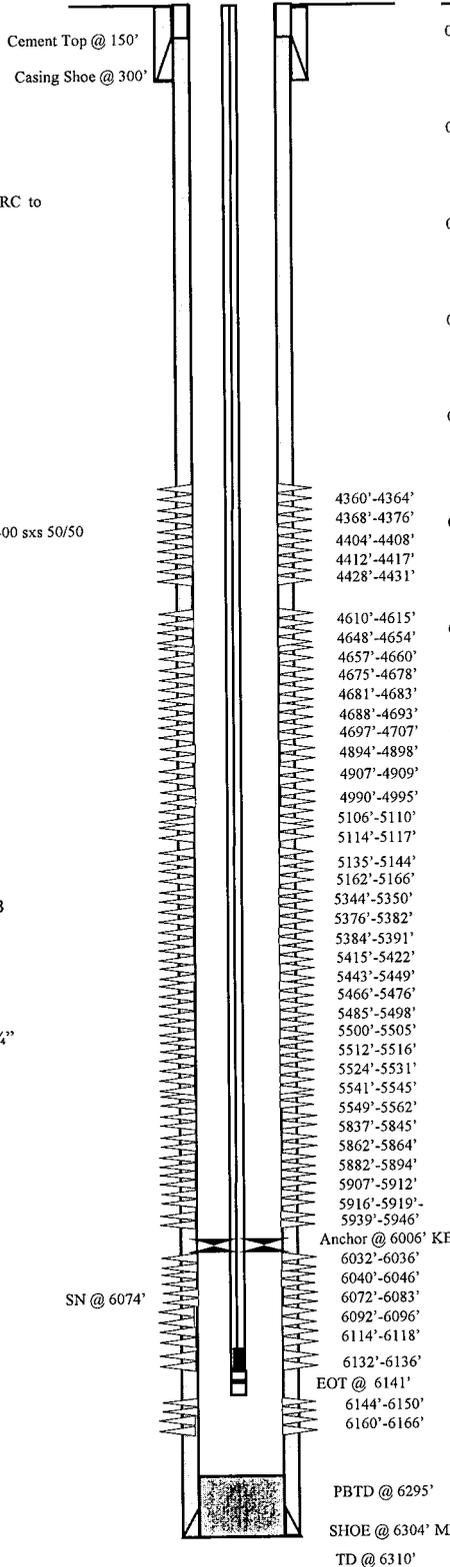
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6306.27')  
 HOLE SIZE: 7-7/8"  
 SET AT: 6304.27  
 CEMENT DATA: 330 sxs Premlite II w/ Cello Flake mix, 400 sxs 50/50 POZ w/additives.  
 CEMENT TOP AT: 150' per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 184 jts. (5993.67')  
 TUBING ANCHOR: 6005.67 KB  
 NO. OF JOINTS: 2 jts. (65.35')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6073.82' K  
 NO. OF JOINTS: 2 jts. (65.13')  
 TOTAL STRING LENGTH: EOT @ 6140.50' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 65 - 7/8" scraped rods, 153 - 3/4" scraped rods, 24 - 7/8" scraped rods.  
 PUMP: 2 1/2" x 1 3/4" x 16.5' RHAC pump w/ SM plunger.  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5  
 LOGS: DIGL/SP/GR/CAL



#### FRAC JOB

09/05/03	6032'-6166'	Frac CP3/CP4/CP5 sands as follows: 89,904# 20/40 sand in 672 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc. flush: 6030 gal. Actual flush: 5964 gal.
09/05/03	5837'-5946'	Frac CP .5/CP1/CP2 sands as follows: 89,467# 20/40 sand in 671 bbls Viking I-25 fluid. Treated @ avg. press of 1970 psi w/avg. rate of 24.4 BPM. ISIP-2040 psi. Calc. flush: 5835 gal. Actual flush: 5754 gal.
09/05/03	5344'-5562'	Frac A3/LODC sands as follows: 199,145# 20/40 sand in 1322 bbls Viking I-25 fluid. Treated @ avg press of 2030 psi w/avg rate of 24.7 BPM. ISIP-2100 psi. Calc. flush: 5342 gal. Actual flush: 5355 gal.
09/05/03	5106'-5166'	Frac B sands as follows: 59,479# 20/40 sand in 478 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP-1900 psi. Calc. flush: 5104 gal. Actual flush: 5019 gal.
09/06/03	4894'-4995'	Frac D sands as follows: 28,888# 20/40 sand in 307 bbls Viking I-25 fluid. Treated @ avg press of 2623 psi w/avg rate of 24.5 BPM. ISIP-2100 psi. Calc. flush: 4892 gal. Actual flush: 4801 gal.
09/06/03	4610'-4707'	Frac PB sands as follows: 76,290# 20/40 sand in 579 bbls Viking I-25 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.4 BPM. ISIP-2180 psi. Calc. flush: 4608 gal. Actual flush: 4536 gal.
09/08/03	4360'-4431'	Frac GB sands as follows: 40,540# 20/40 sand in 375 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.5 BPM. ISIP-1860 psi. Calc. flush: 4358 gal. Actual flush: 4284 gal.
1/21/04		Pump change. Update rod details.

#### PERFORATION RECORD

##### CP3/CP4/CP5

9/04/03 6032'-6036' 2 SPF 8 holes-9/04/03 6040'-6046' 2 SPF 12 holes  
 9/04/03 6072'-6083' 2 SPF 22 holes-9/04/03 6092'-6096' 2 SPF 8 holes  
 9/04/03 6114'-6118' 2 SPF 8 holes-9/04/03 6132'-6136' 2 SPF 8 holes  
 9/04/03 6144'-6150' 2 SPF 12 holes-9/04/03 6160'-6166' 2 SPF 12 holes

##### CP .5/CP1/CP2

9/05/03 5837'-5845' 2 SPF 16 holes-9/05/03 5862'-5864' 2 SPF 4 holes  
 9/05/03 5882'-5894' 2 SPF 24 holes-9/05/03 5907'-5912' 2 SPF 10 holes  
 9/05/03 5916'-5919' 2 SPF 6 holes-9/05/03 5939'-5946' 2 SPF 14 holes

##### LODC/ A3

9/05/03 5344'-5350' 2 SPF 12 holes-9/05/03 5376'-5382' 2 SPF 12 holes  
 9/05/03 5384'-5391' 2 SPF 14 holes  
 9/05/03 5415'-5422' 2 SPF 14 holes-9/05/03 5443'-5449' 2 SPF 12 holes  
 9/05/03 5466'-5476' 2 SPF 20 holes-9/05/03 5585'-5498' 2 SPF 26 holes  
 9/05/03 5500'-5505' 2 SPF 10 holes-9/05/03 5512'-5516' 2 SPF 8 holes  
 9/05/03 5524'-5531' 2 SPF 14 holes-9/05/03 5541'-5545' 2 SPF 8 holes  
 9/05/03 5549'-5562' 2 SPF 26 holes

##### B2/B1/B.5

9/05/03 5106'-5110' 4 SPF 16 holes -9/05/03 5114'-5117' 4 SPF 12 holes  
 9/05/03 5135'-5144' 4 SPF 36 holes-9/05/03 5162'-5166' 4 SPF 16 holes

##### PB10/PB11/D1/D2

9/06/03 4610'-4615' 2 SPF 10 holes, 9/06/03 4648'-4654' 2 SPF12 holes  
 9/06/03 4657'-4660' 2 SPF 6 holes  
 9/06/03 4675'-4678' 2 SPF 6 holes, 9/06/03 4681'-4683' 2 SPF 4 holes  
 9/06/03 4688'-4693' 2 SPF 10 holes, 9/06/03 4697'-4707' 2 SPF 20 holes  
 9/06/03 4894'-4898' 4 SPF 16 holes, 9/06/03 4907'-4909' 4 SPF 8 holes  
 9/06/03 4990'-4995' 4 SPF 20 holes

##### GB4/GB6

9/06/03 4360'-4364' 4 SPF 16 holes-9/06/03 4368'-4376' 4 SPF 32 holes  
 9/06/03 4404'-4408' 4 SPF 16 holes-9/06/03 4412'-4417' 4 SPF 20 holes  
 9/06/03 4428'-4431' 4 SPF 12 holes



Ashley Fed 14-12  
 1988' FWL & 699' FSL  
 SESW Section 12, T9S, R15E  
 Duchesne Co, Utah  
 API #43-013-32327; Lease #UTU-74826

# Ashley Federal 3-13-9-15

Spud Date: 08/01/03  
 Production: 08/22/03  
 GL: 6090' KB: 6102'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 301.82'  
 DEPTH LANDED: 311.82'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" Cement Mixed, est 5 bbls to surf.

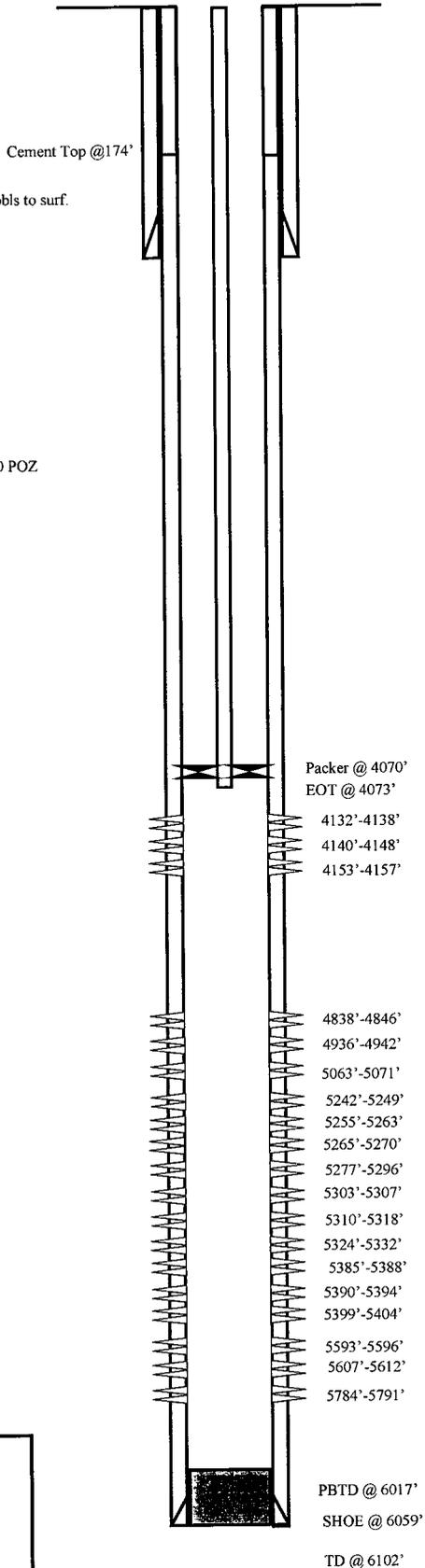
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts.  
 DEPTH LANDED: 6058.56'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premlite II mixed & 425 sxs 50/50 POZ Mixed.  
 CEMENT TOP AT: 174'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 129 jts (4052.68')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4064.68' KB  
 CE @ 4069.7'  
 TOTAL STRING LENGTH: EOT 4073' w/12' KB

**Injection Wellbore Diagram**



**FRAC JOB**

- 08/19/03 5593'-5791' **Frac CP1 & CP2 sands as follows:**  
 30,000# sand in 139 bbls Viking 1-25 fluid. Treated w/avg press of 2060 psi @ avg rate of 23.4 BPM. ISIP-2030 psi. Calc. Flush:5591gals. Actual Flush: 5544 gals.
- 08/19/03 5242'-5404' **Frac LODC sands as follows:**  
 199,833# 20/40 sand in 831 bbls Viking 1-25 fluid. Treated w/avg press of 2385 psi, @ avg rate of 22.7 BPM. ISIP-2135. Calc. Flush:5240 gals. Actual Flush: 5242 gals.
- 08/19/03 5063'-5071' **Frac A1 sands as follows:**  
 21,200# 20/40 sand in 107 bbls Viking 1-25 fluid Treated w/avg press of 2451 psi, @ avg rate of 22.4 BPM. ISIP-2320 psi. Calc. Flush:5061 Actual Flush: 5061 gals.
- 08/19/03 4838'-4942' **Frac B2 & C sands as follows:**  
 47,243# 20/40 sand in 302 bbls Viking 1-25 fluid. Treated w/avg press of 2355 psi, @ avg rate of 24.4 BPM. ISIP-2170 psi. Calc. Flush:4838 Actual Flush: 4838 gals.
- 08/19/03 4132'-4157' **Frac GB4 sands as follows:**  
 42,840# 20/40 sand in 196 bbls Viking 1-25 fluid. Treated w/avg press of 2025 psi, @ avg rate of 24.4 BPM. ISIP-2000 psi. Calc. Flush:4130 Actual Flush: 4132 gals.
- 10/28/04 **Convert to injection well.**
- 10/29/04 **Conversion MIT finalized.**
- 12/07/04 **Put on Injection**
- 9/24/09 **5 Year MIT completed and submitted**

**PERFORATION RECORD**

Date	Interval	Tool	Holes
08/18/03	5784'-5791'	4 JSPF	28 holes
08/18/03	5607'-5612'	4 JSPF	20 holes
08/18/03	5593'-5596'	4 JSPF	12 holes
08/19/03	5399'-5404'	4 JSPF	20 holes
08/19/03	5390'-5394'	4 JSPF	20 holes
08/19/03	5385'-5388'	4 JSPF	12 holes
08/19/03	5324'-5332'	2 JSPF	16 holes
08/19/03	5310'-5318'	2 JSPF	16 holes
08/19/03	5303'-5307'	2 JSPF	8 holes
08/19/03	5277'-5296'	2 JSPF	38 holes
08/19/03	5265'-5270'	2 JSPF	10 holes
08/19/03	5255'-5263'	2 JSPF	16 holes
08/19/03	5242'-5249'	2 JSPF	14 holes
08/19/03	5063'-5071'	4 JSPF	32 holes
08/19/03	4936'-4942'	4 JSPF	24 holes
08/19/03	4838'-4846'	4 JSPF	32 holes
08/19/03	4153'-4157'	4 JSPF	16 holes
08/19/03	4140'-4148'	4 JSPF	32 holes
08/19/03	4132'-4138'	4 JSPF	24 holes

**NEWFIELD**

**Ashley Federal 3-13-9-15**

501' FNL 2028' FWL

NE/NW Section 13-T9S-R15E

Duchesne County, Utah

API #43-013-32392; Lease #UTU-66184

## Ashley Federal 5-13-9-15

Spud Date: 9/28/04

Put on Production: 12/9/04

GL: 6123' KB: 6135'

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (291.06')

DEPTH LANDED: 301.06' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 145 jts. (6080.65')

DEPTH LANDED: 6058.65' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 460'

**TUBING**

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

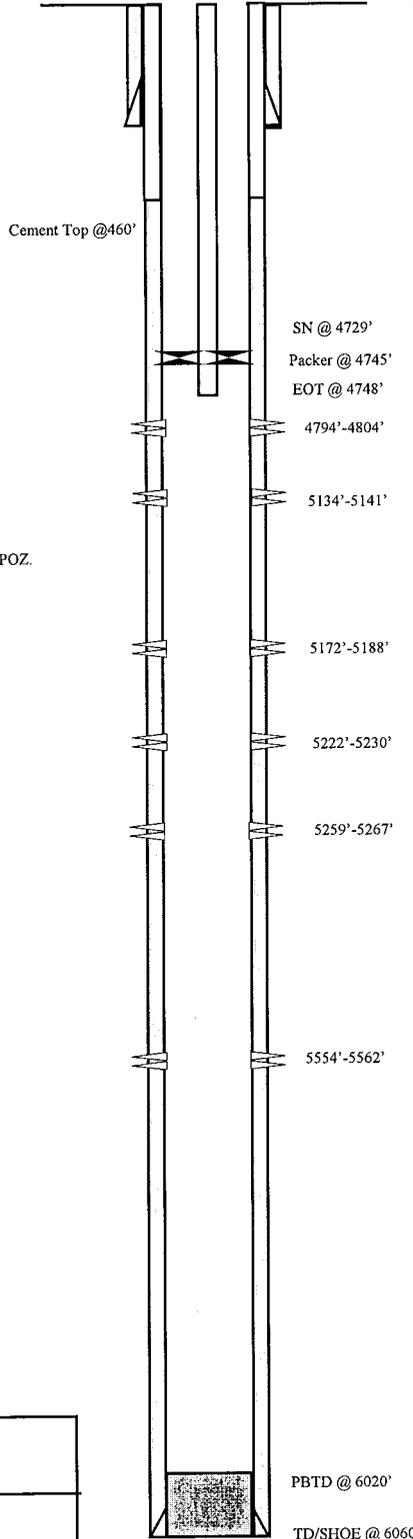
NO. OF JOINTS: 145 jts (4727.41')

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

SN LANDED AT: 4728.51' KB

TOTAL STRING LENGTH: EOT @ 4747.61' W/12 'KB

**Injection Wellbore  
Diagram**



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

<p>12/06/04 5554'-5562'</p> <p>12/06/04 5134'-5267'</p> <p>12/06/04 4794'-4804'</p> <p>10/05/05</p> <p>2/21/06</p> <p>3/13/06</p>	<p><b>Frac CPI sands as follows:</b> 19,649# 20/40 sand in 395 bbls Lightning Frac 17 fluid. Treated @ avg press of 1869 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc flush: 5552 gal. Actual flush: 5548 gal.</p> <p><b>Frac LODC and A3 sands as follows:</b> 129,062# 20/40 sand in 911 bbls Lightning Frac 17 fluid. Treated @ avg press of 1549 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc flush: 5132 gal. Actual flush: 5548 gal.</p> <p><b>Frac C sands as follows:</b> 34,479# 20/40 sand in 343 bbls Lightning Frac 17 fluid. Treated @ avg press of 1720 psi w/avg rate of 24.6 BPM. ISIP 2040 psi. Calc flush: 4792 gal. Actual flush: 4704 gal.</p> <p><b>Parted Rods. Detailed tubing and rod details.</b></p> <p><b>Well converted to Injection well.</b></p> <p><b>Initial MIT completed and submitted.</b></p>
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**PERFORATION RECORD**

12/03/04	5554'-5562'	4 JSPF	32 holes
12/06/04	5259'-5267'	4 JSPF	32 holes
12/06/04	5222'-5230'	4 JSPF	32 holes
12/06/04	5172'-5188'	4 JSPF	64 holes
12/06/04	5134'-5141'	4 JSPF	28 holes
12/06/04	4794'-4804'	4 JSPF	40 holes



**NEWFIELD**

**Ashley Federal 5-13-9-15**  
 1916 FNL & 403 FWL  
 SW/NW Sec. 13, T9S R15E  
 Duchesne, County  
 API# 43-013-32394; 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

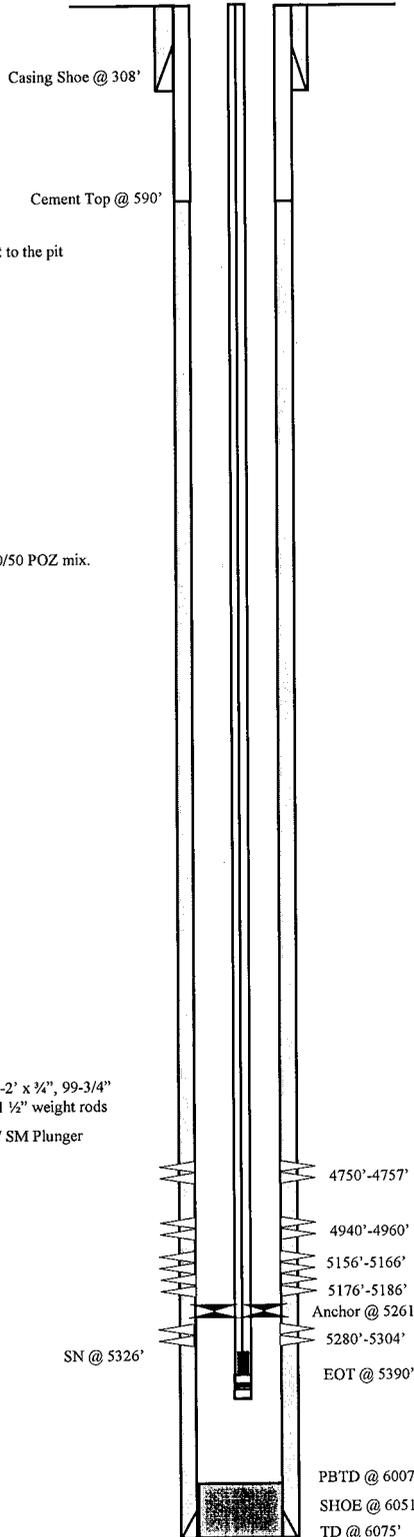
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6053.4')  
 DEPTH LANDED: 6051.4' B  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ mix.  
 CEMENT TOP AT: 590'

### TUBING

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

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' polished rod  
 SUCKER RODS: 1 1/2" x 22' polished rod, 1-8', 1-6' & 1-4' 1-2' x 3/4", 99-3/4" scraped rods, 67-3/4" plain rods, 40-3/4" scraped rods, 6-1 1/2" 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 20/40 sand in 651 bbls lightning 17 frac fluid. Treated @ avg press of 2299 psi, w/avg rate of 24.8 bpm. ISIP 2670 psi. Calc flush: 5278 gal. Actual flush: 5292 gal.

02/15/05 5156'-5186' **Frac LODC sands as follows:**  
 49,899#'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	Tool	Holes
02/11/05	5280'-5304'	4 JSPF	96 holes
02/15/05	5176'-5186'	4 JSPF	40 holes
02/15/05	5156'-5166'	4 JSPF	40 holes
02/15/05	4940'-4960'	4 JSPF	80 holes
02/15/05	4750'-4757'	4 JSPF	28 holes



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

EL 7/17/08

## Ashley Federal 1-14-9-15

Spud Date: 10/28/03  
 Put on Production: 12/19/03  
 GL: 6245' KB: 6257'

Initial Production: 95 BOPD,  
 150 MCFD, 13 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.76')  
 DEPTH LANDED: 312.76' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surface

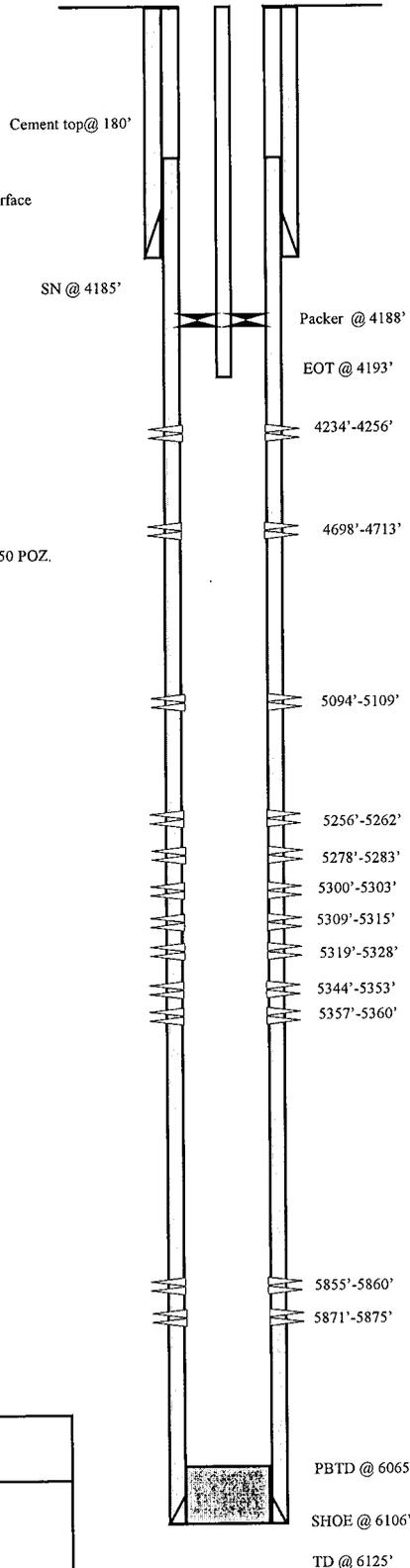
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6107.65')  
 DEPTH LANDED: 6105.65' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 180'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 125 jts (4182.08')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4185.18' KB  
 PACKER: 4188.16' KB  
 TOTAL STRING LENGTH: EOT @ 4192.69' KB

### Injection Wellbore Diagram



### FRAC JOB

12/11/03	5855'-5875'	<b>Frac CP sands as follows:</b> 29,930# 20/40 sand in 332 bbls Viking I-25 fluid. Treated @ avg press of 2212 psi w/avg rate of 28 BPM. ISIP 2120 psi. Calc flush: 5853 gal. Actual flush: 5838 gal.
12/11/03	5256'-5360'	<b>Frac LODC sands as follows:</b> 99,985# 20/40 sand in 717 bbls Viking I-25 fluid. Treated @ avg press of 2254 psi w/avg rate of 24.6 BPM. ISIP 2450 psi. Calc flush: 5254 gal. Actual flush: 5250 gal.
12/11/03	5094'-5109'	<b>Frac A1 sands as follows:</b> 50,290# 20/40 sand in 425 bbls Viking I-25 fluid. Treated @ avg press of 1997 psi w/avg rate of 24.7 BPM. ISIP 2140 psi. Calc flush: 5092 gal. Actual flush: 5082 gal.
12/12/03	4698'-4713'	<b>Frac D1 sands as follows:</b> 69,566# 20/40 sand in 536 bbls Viking I-25 fluid. Treated @ avg press of 1863 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 4696 gal. Actual flush: 4704 gal.
12/12/03	4234'-4256'	<b>Frac GB6 sands as follows:</b> 69,442# 20/40 sand in 530 bbls Viking I-25 fluid. Treated @ avg press of 1770 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4232 gal. Actual flush: 4158 gal.
9-7-05		<b>Injection Conversion.</b> Update tubing detail.
9-22-05		<b>MIT complete.</b>
8-31-10		<b>5 yr MIT</b>

### PERFORATION RECORD

12/9/03	5871'-5875'	4 JSPF	16 holes
12/9/03	5855'-5860'	4 JSPF	20 holes
12/11/03	5357'-5360'	2 JSPF	6 holes
12/11/03	5344'-5353'	2 JSPF	18 holes
12/11/03	5319'-5328'	2 JSPF	18 holes
12/11/03	5309'-5315'	2 JSPF	12 holes
12/11/03	5300'-5303'	2 JSPF	6 holes
12/11/03	5278'-5283'	2 JSPF	10 holes
12/11/03	5256'-5262'	2 JSPF	12 holes
12/11/03	5094'-5109'	4 JSPF	60 holes
12/11/03	4698'-4713'	4 JSPF	60 holes
12/12/03	4234'-4256'	2 JSPF	44 holes

**NEWFIELD**

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**Ashley Federal 1-14-9-15**

627' FNL & 674' FEL

NENE Section 14-T9S-R15E

Duchesne Co, Utah

API #43-013-32395; Lease #UTU-66184

## Ashley Federal 2-14-9-15

Spud Date: 2/6/2004  
 Put on Production: 8/26/2004  
 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. (300.94')  
 DEPTH LANDED: 311.44' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

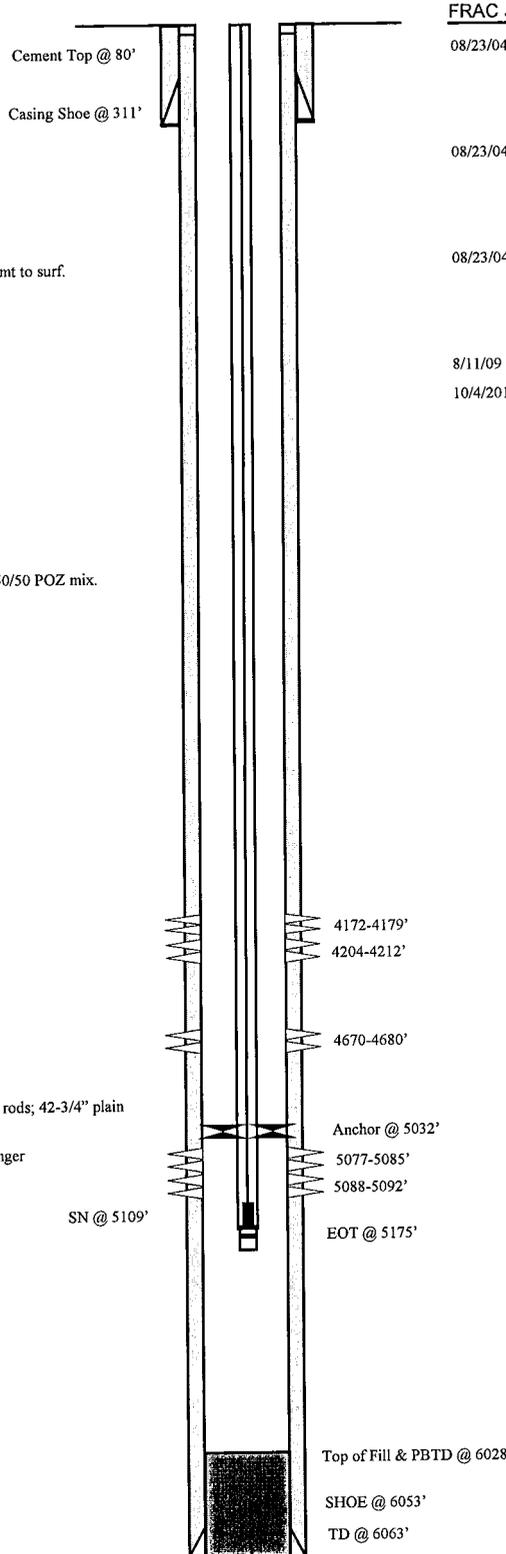
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6054.82')  
 DEPTH LANDED: 6052.82' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 80'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 156 jts (5032.4')  
 TUBING ANCHOR: 5044' KB  
 NO. OF JOINTS: 2 jts (61.6')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5108.7' KB  
 NO. OF JOINTS: 2 jts (65.10')  
 TOTAL STRING LENGTH: EOT @ 5175' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-2' x 3/4" pony rods, 101-3/4" scraped rods; 42-3/4" plain rods, 35-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 57"  
 PUMP SPEED, SPM: 4 SPM



### FRAC JOB

08/23/04	5077-5092'	<b>Frac A1 sands as follows:</b> 39,673# 20/40 sand in 378 bbls lightning Frac 17 fluid. Treated @ avg press of 2210 psi w/avg rate of 24.3 BPM. ISIP 2660 psi. Calc flush: 5075 gal. Actual flush: 5074 gal.
08/23/04	4670-4680'	<b>Frac D1 sands as follows:</b> 50,027# 20/40 sand in 425 bbls lightning Frac 17 fluid. Treated @ avg press of 1696 psi w/avg rate of 24.5 BPM. ISIP 2050 psi. Calc flush: 4668 gal. Actual flush: 4662 gal.
08/23/04	4172-4212'	<b>Frac GB6 sands as follows:</b> 40,809# 20/40 sand in 375 bbls lightning Frac 17 fluid. Treated @ avg press of 1793 psi w/avg rate of 24.6 BPM. ISIP 2000 psi. Calc flush: 4170 gal. Actual flush: 4087 gal.
8/11/09		Tubing Leak. Updated rod & tubing details.
10/4/2010		Well Stimulation. Update rod and tubing detail

### PERFORATION RECORD

8/18/04	5088-5092'	4 JSPF	16 holes
8/18/04	5077-5085'	4 JSPF	32 holes
8/23/04	4670-4680'	4 JSPF	40 holes
8/23/04	4204-4212'	4 JSPF	32 holes
8/23/04	4172-4179'	4 JSPF	28 holes



Ashley Federal 2-14-9-15  
 486' FNL & 1809' FEL  
 NW/NE Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32396; Lease #UTU-66184

## Ashley 13-12-9-15

Spud Date: 2/15/01  
 Put on Production: 9/18/03  
 GL: 6121' KB: 6131'

Initial Production: 58 BOPD,  
 18 MCFD, 37 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (295.17')  
 DEPTH LANDED: 305.17' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt, est 7 bbls cmt to surf.

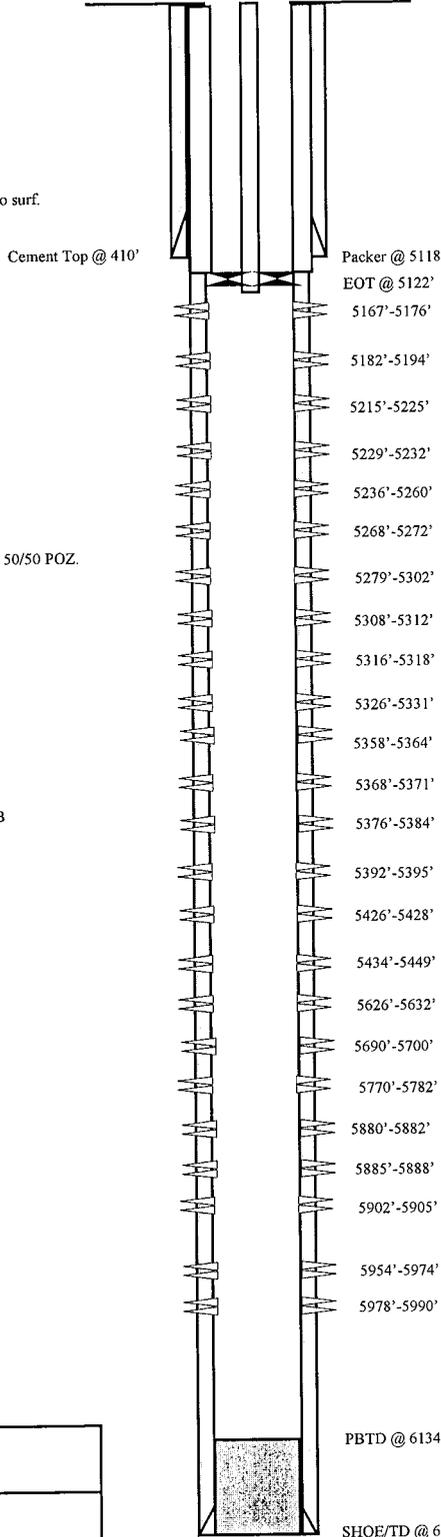
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (6162.86')  
 DEPTH LANDED: 6160.86' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 410'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158 jts (5100.24')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5112.57' KB  
 TOTAL STRING LENGTH: EOT @ 5121.82' W/12 'KB

### Injection Wellbore Diagram



### FRAC JOB

Date	Depth Range	Description
8/29/03	5880'-5990'	<b>Frac CP4,5 sands as follows:</b> 88,498# 20/40 sand in 670 bbls Viking I-25 fluid. Treated @ avg press of 1960 psi w/avg rate of 24.5 BPM. ISIP 2035 psi. Calc flush: 5877 gal. Actual flush: 5796 gal.
8/29/03	5626'-5700'	<b>Frac CP.5 and 1 sands as follows:</b> 60,150# 20/40 sand in 494 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 17.3 BPM. ISIP 2300 psi. Calc flush: 5624 gal. Actual flush: 5544 gal.
8/29/03	5358'-5449'	<b>Frac LOLODC sands as follows:</b> 98,795# 20/40 sand in 719 bbls Viking I-25 fluid. Treated @ avg press of 2356 psi w/avg rate of 22.8 BPM. ISIP 2560 psi. Calc flush: 5356 gal. Actual flush: 5292 gal.
8/30/03	5167' - 5331'	<b>Frac UPLODC and A3 sands as follows:</b> 272,536# 20/40 sand in 1772 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 25.4 BPM. ISIP 2130 psi. Calc flush: 5165 gal. Actual flush: 5082 gal.
9/7/06		<b>Well converted to an Injection well.</b>
10/6/06		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
8/28/03	5978'-5990'	2 JSPF	24 holes
8/28/03	5954'-5974'	2 JSPF	40 holes
8/28/03	5902'-5905'	4 JSPF	12 holes
8/28/03	5885'-5888'	4 JSPF	12 holes
8/28/03	5880'-5882'	4 JSPF	8 holes
8/29/03	5770'-5782'	2 JSPF	24 holes
8/29/03	5690'-5700'	2 JSPF	20 holes
8/29/03	5626'-5632'	4 JSPF	24 holes
8/29/03	5770'-5782' (Not fraced)	2 JSPF	30 holes
8/29/03	5426'-5428'	4 JSPF	8 holes
8/29/03	5392'-5395'	4 JSPF	12 holes
8/29/03	5376'-5384'	4 JSPF	32 holes
8/29/03	5885'-5888'	4 JSPF	12 holes
8/29/03	5358'-5364'	4 JSPF	24 holes
8/30/03	5326'-5331'	2 JSPF	10 holes
8/30/03	5316'-5318'	2 JSPF	4 holes
8/30/03	5308'-5312'	2 JSPF	8 holes
8/30/03	5279'-5302'	2 JSPF	46 holes
8/30/03	5268'-5272'	2 JSPF	8 holes
8/30/03	5236'-5260'	2 JSPF	48 holes
8/30/03	5229'-5232'	2 JSPF	6 holes
8/30/03	5215'-5225'	2 JSPF	20 holes
8/30/03	5182'-5194'	2 JSPF	24 holes
8/30/03	5167'-5176'	2 JSPF	18 holes



**Ashley 13-12-9-15**  
 467' FSL & 644' FWL  
 SWSW Section 12-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32175; Lease #UTU-74826

# 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: 145 jts. (6099.63')  
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'

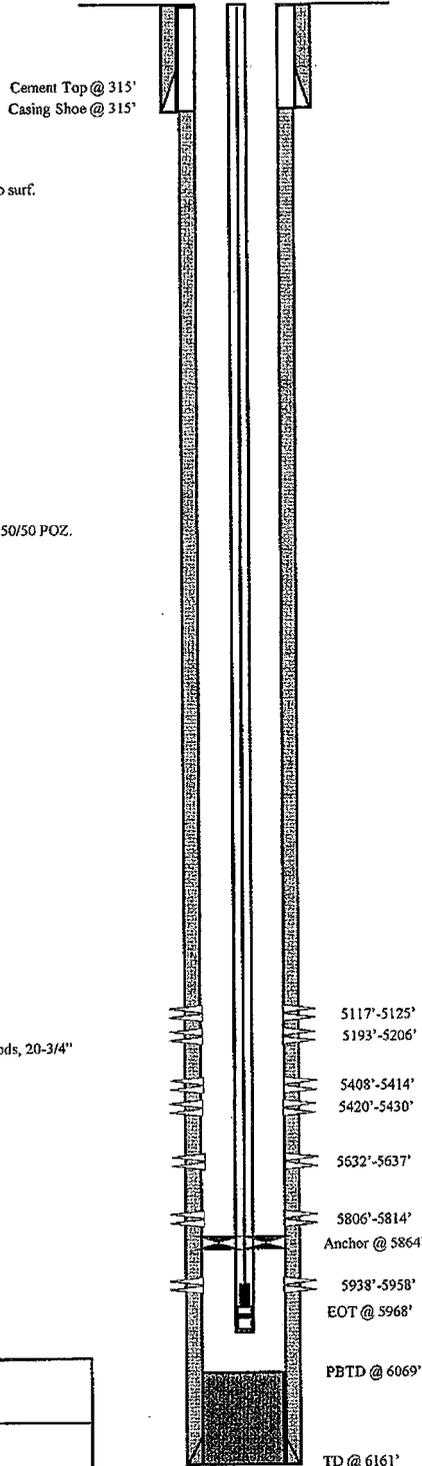
### TUBING

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'	Frac CP5 sands as follows: 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'	Frac CP3 sands as follows: 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: 5954 gal. Actual flush: 5838 gal.
03/14/05	5632'-5637'	Frac CP1 sands as follows: 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'	Frac LODC sands as follows: 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: 5204 gal. Actual flush: 5040 gal.
3/15/05	5193' - 5206' & 5117' - 5125'	Frac A3 & A1 sands as follows: 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

## Ashley Federal #8-14-9-15

Spud Date: 2/26/04  
 Put on Production: 11/23/04  
 GL: 6156' KB: 6168'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.41')  
 DEPTH LANDED: 314.41' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 1.5 bbls cmt to surf.

### PRODUCTION CASING

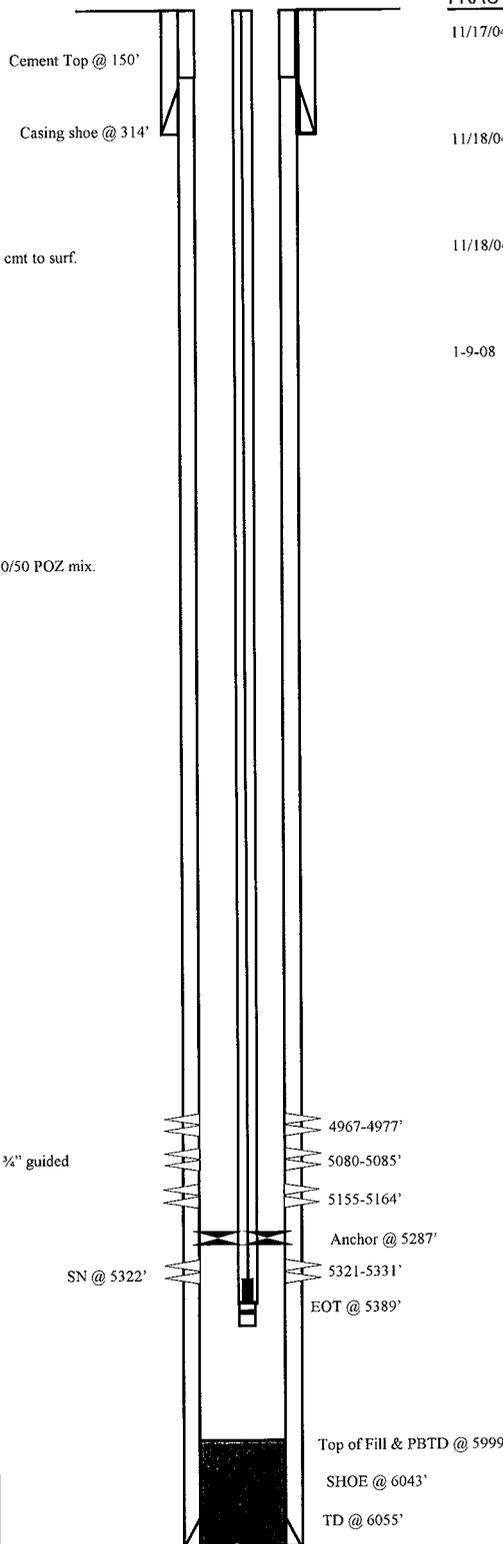
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6045.49')  
 DEPTH LANDED: 6043.49' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 150'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55  
 NO. OF JOINTS: 162 jts (5274.83')  
 TUBING ANCHOR: 5286.83' KB  
 NO. OF JOINTS: 1 jts (32.58')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5322.21' KB  
 NO. OF JOINTS: 2 jts (65.15')  
 TOTAL STRING LENGTH: EOT @ 5388.91'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 98-3/4" guided rods, 88-3/4" slick rods, 20- 3/4" guided rods, 5-1 1/2" weight rods. 1-1 5/8" wt bar.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC pump.  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM



### FRAC JOB

11/17/04	5321-5331'	<b>Frac LODC sands as follows:</b> 25,313# 20/40 sand in 328 bbls Lightning Frac 17 fluid. Treated @ avg press of 2134 psi w/avg rate of 24.9 BPM. ISIP 2250. Calc flush 5319 gal. Actual flush: 5334 gal.
11/18/04	5080-5164'	<b>Frac LODC &amp; A1 sands as follows:</b> 34,993# 20/40 sand in 376 bbls Lightning Frac 17 fluid. Treated @ avg press of 1915 psi w/avg rate of 24.9 BPM. ISIP 2230 psi. Calc flush: 5078 gal. Actual flush: 5124 gal.
11/18/04	4967-4977'	<b>Frac B2 sands as follows:</b> 96,547# 20/40 sand in 707 bbls Lightning Frac 17 fluid. Treated @ avg press of 1832 psi w/avg rate of 24.9 BPM. ISIP 2160 psi. Calc flush: 4965 gal. Actual flush: 4872 gal.
1-9-08		Pump change. Updated rod & tubing details.

### PERFORATION RECORD

Date	Interval	Tool	Holes
10/22/04	5321-5331'	4 JSPF	40 holes
11/17/04	5155-5164'	4 JSPF	36 holes
11/17/04	5080-5085'	4 JSPF	20 holes
11/18/04	4967-4977'	4 JSPF	10 holes

**NEWFIELD**



Ashley Federal 8-14-9-15  
 1806' FNL & 792' FEL  
 SE/NE Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32399; Lease #UTU-66184



## 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-53130**

Well Name: **Ashley IF**

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):	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

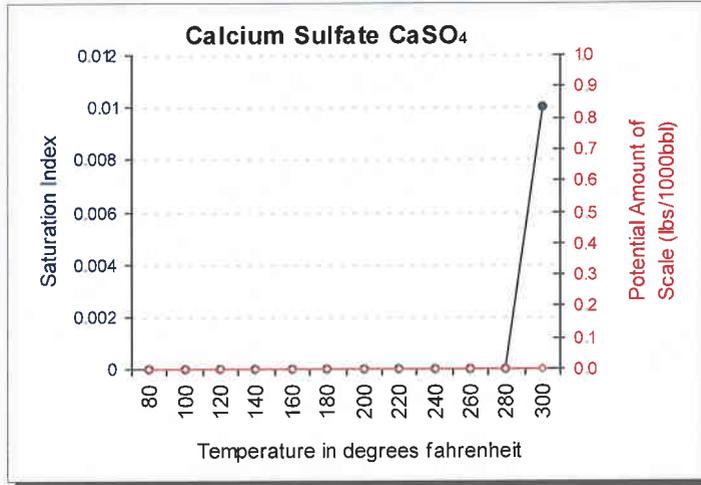
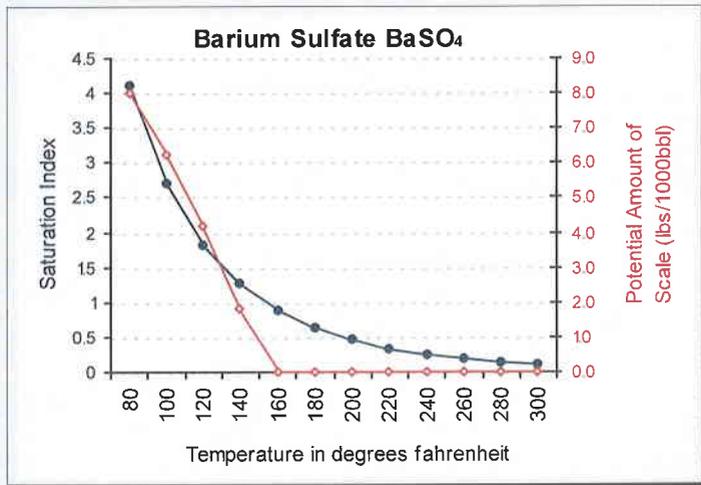
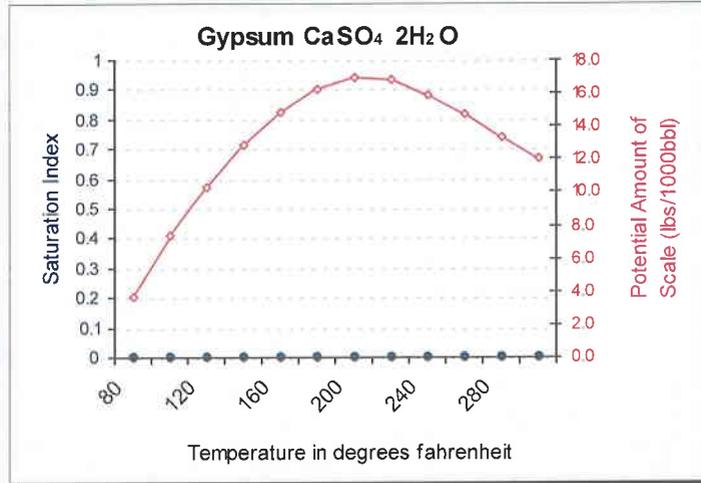
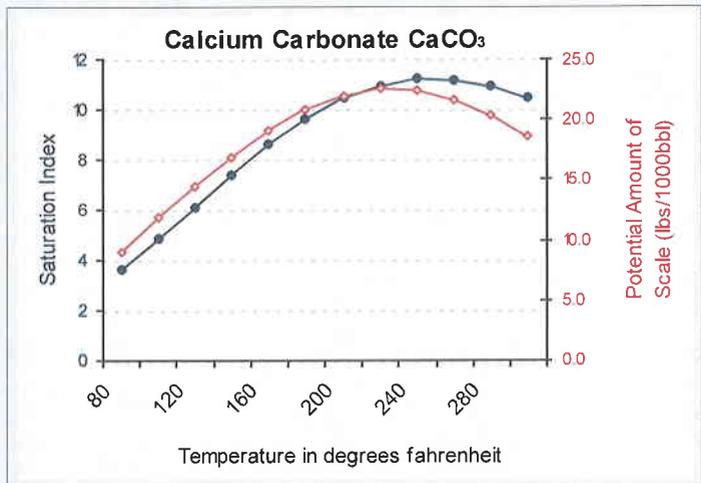
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### Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**







## Multi-Chem Group, LLC

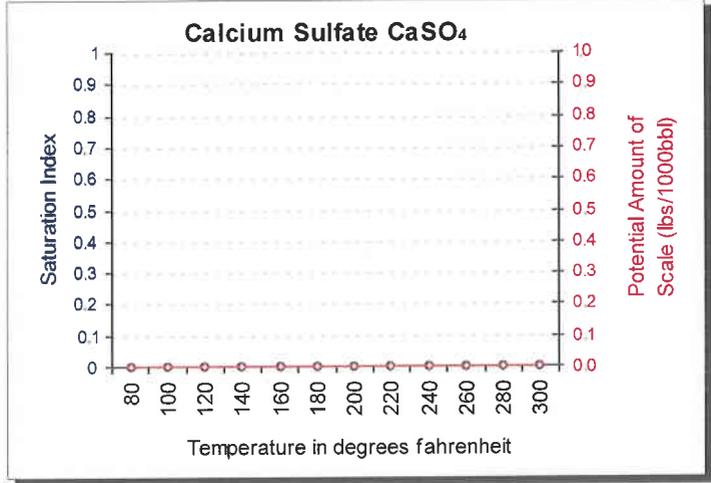
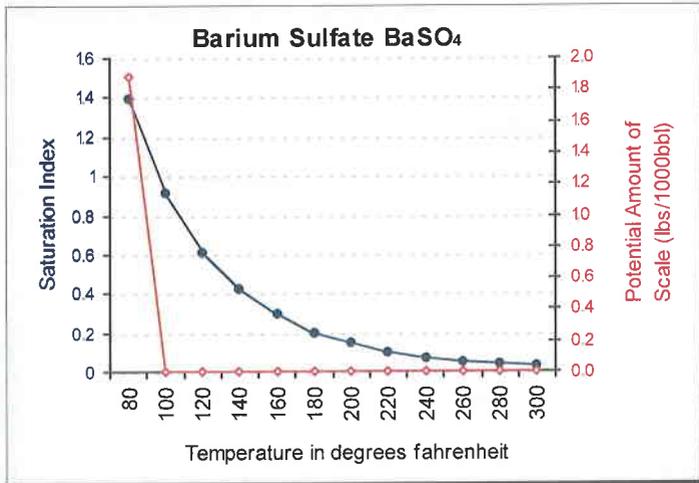
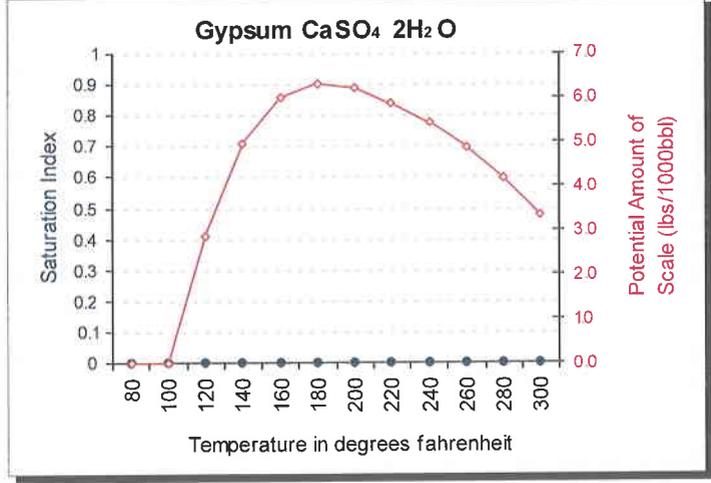
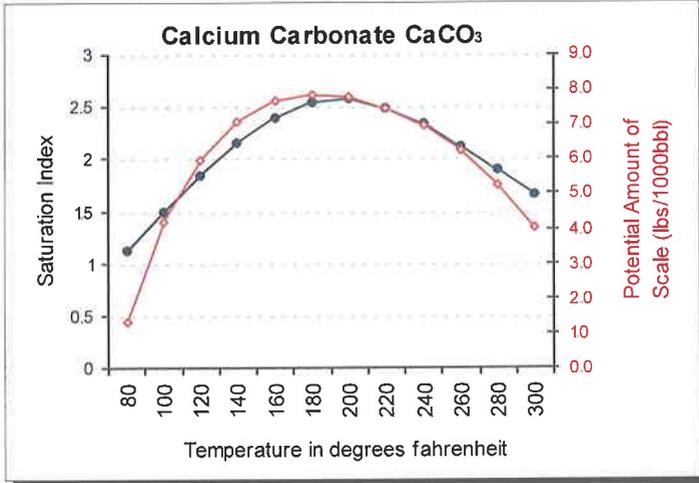
Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

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### Scale Prediction Graphs

Well Name: **ashley fed 4-13-9-15**

Sample ID: **WA-53126**



**Attachment "G"**

**Ashley Federal #4-13-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5942	5970	5956	1920	0.76	1881
5834	5844	5839	2010	0.78	1972
5350	5384	5367	2760	0.95	2725
5170	5250	5210	1810	0.78	1776
				<b>Minimum</b>	<u>1776</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 4-13-9-15 Report Date: 11-19-04 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 314' Prod Csg: 5-1/2" @ 6123' Csg PBTD: 5706'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: CP5 sds, 5942-5970', 2/56

CHRONOLOGICAL OPERATIONS

Date Work Performed: 18-Nov-04 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Patterson WLT w/ mast & run CBL under pressure. WLTD @ 5706' & cement top @ 180'. Perforate stage #1, CP5 sds @ 5942-5970' w/ 4" Port guns (19 gram, .41"HE. 90°) w/ 2 spf for total of 56 shots. 144 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

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

COSTS

Table with 2 columns: Item, Cost. Items include Weatherford BOP (\$130), NPC NU crew (\$300), NDSI trucking (\$1,400), Patterson WLT (\$5,000), Drilling cost (\$235,790), D&M Hot Oil (\$530), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$950), Admin. Overhead (\$3,000), NPC Supervisor (\$300)

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Ron Shuck

DAILY COST: \$249,200
TOTAL WELL COST: \$249,200



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 11-30-04 **Day:** 02a  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 5706'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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
<b>CP5 sds</b>	<b>5942-5970'</b>	<b>2/56</b>			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 29-Nov-04 **SITP:** \_\_\_\_\_ **SICP:** 0

Day2a.

BJ was broke down until 10:30 AM. RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 w/ 62,717#'s of 20/40 sand in 504 bbls Lightning 17 frac fluid. BJ's meters didn't work half way through frac. Open well w/ 0 psi on casing. Perfs broke down @ 3575 psi, back to 1290 psi w/ 4.1 bbls fluid. Treated @ ave pressure of 1937, w/ ave rate of 24.9 bpm, w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 1920. 648 bbls EWTR. Leave pressure on well. **See day2b.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 144 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 504 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 648 **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:** CP5 sds down casing

- \_\_\_\_\_ 4599 gals of pad
- \_\_\_\_\_ 3000 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 6000 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 1588 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush w/ 5982 gals of slick water

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

**Max TP:** 1977 **Max Rate:** 25 **Total fluid pmpd:** 504 bbls  
**Avg TP:** 1937 **Avg Rate:** 24.9 **Total Prop pmpd:** 62,717#'s  
**ISIP:** 1920 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .76  
**Completion Supervisor:** Ron Shuck

**COSTS**

<u>Weatherford BOP</u>	<u>\$40</u>
<u>Weatherford Services</u>	<u>\$650</u>
<u>Betts frac water</u>	<u>\$590</u>
<u>NPC fuel gas</u>	<u>\$130</u>
<u>BJ Services CP5 sds</u>	<u>\$20,150</u>
<u>NPC Supervisor</u>	<u>\$100</u>

**DAILY COST:** \$21,660  
**TOTAL WELL COST:** \$270,860



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 11-30-04 **Day:** 02b  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 5706'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5900'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>CP4 sds</u>	<u>5834-5844'</u>	<u>4/40</u>			
<u>CP5 sds</u>	<u>5942-5970'</u>	<u>2/56</u>			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 29-Nov-04 **SITP:** \_\_\_\_\_ **SICP:** 1858

Day2b.

RU Patterson WLT, mast & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 10' perf gun. Set plug @ 5900'. Perforate CP4 sds @ 5834-5844' w/ 4" Port guns(19 gram, .41"HE, 90°), w/ 4 spf for total of 40 shots. RU BJ & frac stage #2 w/ 24,513#'s of 20/40 sand in 298 bbls Lightning 17 frac fluid. Open well w/ 1858 psi on casing. Perfs broke down @ 1858 psi, back to 1858 psi. Treated @ ave pressure of 2077, w/ ave rate of 24.8 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2010. 946 bbls EWTR. Leave pressure on well. See day2c.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 648 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 298 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 946 **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:** CP4 sds down casing

**COSTS**

<u>Weatherford BOP</u>	<u>\$40</u>
<u>Weatherford Services</u>	<u>\$2,200</u>
<u>Betts frac water</u>	<u>\$260</u>
<u>NPC fuel gas</u>	<u>\$60</u>
<u>BJ Services CP4 sds</u>	<u>\$7,990</u>
<u>NPC Supervisor</u>	<u>\$100</u>
<u>Patterson CP4 sds</u>	<u>\$2,000</u>

1999 gals of pad

1569 gals w/ 1-5 ppg of 20/40 sand

3152 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 5796 gals of slick water

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

**Max TP:** 2337 **Max Rate:** 25 **Total fluid pmpd:** 298 bbls

**Avg TP:** 2077 **Avg Rate:** 24.8 **Total Prop pmpd:** 24,513#'s

**ISIP:** 2010 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .78

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$12,650

**TOTAL WELL COST:** \$283,510



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 11-30-04 **Day:** 02c  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 5706'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5300'  
**Plugs 5900' 5500'**

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	5170-5180'	4/40			
A3 sds	5234-5250'	4/64			
LODC sds	5350-5365'	4/60			
LODC sds	5374-5384'	4/40			
CP4 sds	5834-5844'	4/40			
CP5 sds	5942-5970'	2/56			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 29-Nov-04 **SITP:** \_\_\_\_\_ **SICP:** 1560

Day2c.

RU Patterson WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5500'. Perforate LODC sds @ 5374-5384', 5350-5365' w/ 4 spf for total of 100 shots. RU BJ & frac stage #3 w/ 128,656#'s of 20/40 sand in 890 bbls Lightning 17 frac fluid. Open well w/ 1560 psi on casing. Perfs broke down @ 3948 psi, back to 2000 psi. Treated @ ave pressure of 2415, w/ ave rate of 24.6 bpm, w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2760. 1836 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5300'. Perforate A3 sds @ 5234-5250' & A1 sds @ 5170-5180' w/ 4 spf for total of 104 shots. SIFN.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 946 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 890 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1836 **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	\$50
Weatherford Services	\$2,200
Betts frac water	\$1,320
NPC fuel gas	\$280
BJ Services LODC sd	\$23,400
NPC Supervisor	\$100
Patterson LODC sds	\$5,000

9799 gals of pad  
 6375 gals w/ 1-5 ppg of 20/40 sand  
 12750 gals w/ 5-8 ppg of 20/40 sand  
 3080 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 5376 gals of slick water

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

**Max TP:** 2811 **Max Rate:** 24.3 **Total fluid pmpd:** 890 bbls  
**Avg TP:** 2415 **Avg Rate:** 24.6 **Total Prop pmpd:** 128,656#'s  
**ISIP:** 2760 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .95

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$32,350  
**TOTAL WELL COST:** \$315,860



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 12-1-04 **Day:** 03  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 5706'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5300'  
**Plugs** 5900' 5500'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>A1 sds</u>	<u>5170-5180'</u>	<u>4/40</u>	_____	_____	_____
<u>A3 sds</u>	<u>5234-5250'</u>	<u>4/64</u>	_____	_____	_____
<u>LODC sds</u>	<u>5350-5365'</u>	<u>4/60</u>	_____	_____	_____
<u>LODC sds</u>	<u>5374-5384'</u>	<u>4/40</u>	_____	_____	_____
<u>CP4 sds</u>	<u>5834-5844'</u>	<u>4/40</u>	_____	_____	_____
<u>CP5 sds</u>	<u>5942-5970'</u>	<u>2/56</u>	_____	_____	_____

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 30-Nov-04 **SITP:** \_\_\_\_\_ **SICP:** 1399

Thaw out well head. RU BJ & frac A sds, stage #4 w/ 109,768#'s of 20/40 sand in 781 bbls Lightning 17 frac fluid. Open well w/ 1399 psi on casing. Perfs broke down @ 4044 psi, back to 1260 psi. Treated @ ave pressure of 1658, w/ ave rate of 25 bpm, w/ 8 ppg of sand. ISIP was 1810. 2617 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1650 psi w/ 12/64 choke. Well flowed for 2 hours & died w/ 140 bbls rec'd (5% of frac). SIFN.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2617 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 140 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2477 **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 & A3 sds down casing

8299 gals of pad  
5625 gals w/ 1-5 ppg of 20/40 sand  
11250 gals w/ 5-8 ppg of 20/40 sand  
2588 gals w/ 8 ppg of 20/40 sand  
Flush w/ 5040 gals of slick water

**COSTS**

<u>Weatherford BOP</u>	<u>\$130</u>
<u>Weatherford Services</u>	<u>\$2,200</u>
<u>Betts frac water</u>	<u>\$1,120</u>
<u>NPC fuel gas</u>	<u>\$240</u>
<u>BJ Services A sds</u>	<u>\$17,150</u>
<u>NPC Supervisor</u>	<u>\$300</u>
<u>Patterson A sds</u>	<u>\$3,400</u>
<u>Zubiate Hot Oil</u>	<u>\$250</u>
<u>Betts water Transfere</u>	<u>\$400</u>

**Max TP:** 1807 **Max Rate:** 25.1 **Total fluid pmpd:** 781 bbls  
**Avg TP:** 1658 **Avg Rate:** 25 **Total Prop pmpd:** 109,768#'s  
**ISIP:** 1810 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .78  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$25,190  
**TOTAL WELL COST:** \$341,050



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 4-13-9-15      **Report Date:** 12/3/2004      **Day:** 04  
**Operation:** Completion      **Rig:** Western #1

### WELL STATUS

**Surf Csg:** 8-5/8' @ 314'      **Prod Csg:** 5-1/2" @ 6123'      **Csg PBTD:** 5706'WL  
**Tbg:** Size: 2 7/8    Wt: 6.5#    **Grd:** J-55    **Pkr/EOT @:** 5323'    **BP/Sand PBTD:** \_\_\_\_\_  
**Plugs 5900' 5500'**

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	5170-5180'	4/40	_____	_____	_____
A3 sds	5234-5250'	4/64	_____	_____	_____
LODC sds	5350-5365'	4/60	_____	_____	_____
LODC sds	5374-5384'	4/40	_____	_____	_____
CP4 sds	5834-5844'	4/40	_____	_____	_____
CP5 sds	5942-5970'	2/56	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 02-Dec-04      **SITP:** \_\_\_\_\_      **SICP:** 0

Thaw wellhead & BOP W/ HO trk. No pressure on well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Graco Schaeffer BOP. Talley, drift, PU & TIH W/ new Varel 4 3/4" ETD4 tooth bit, bit sub & new Husteel 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 5288'. Tbg displaced 12 BW on TIH. RU power swivel. C/O sd to composite bridge plug @ 5300'. Drill out plug in 12 minutes. Circ hole clean W/ no fluid loss. SIFN W/ EOT @ 5323'. Est 2465 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 2477      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 12      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2465      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_    **FFL:** \_\_\_\_\_    **FTP:** \_\_\_\_\_    **Choke:** \_\_\_\_\_    **Final Fluid Rate:** \_\_\_\_\_    **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

### COSTS

Western rig #1	\$2,669
Weatherford BOP	\$130
Graco BOP	\$145
NDSI HO trk	\$250
Liddell trucking	\$1,200
NPC wtr & truck	\$400
Aztec - new J55 tbg	\$30,995
McConkie - Varel bit	\$1,600
NPC sfc equipment	\$120,000
R & T labor/welding	\$13,600
Mt. West sanitation	\$400
Monks pit reclaim	\$1,200
NPC supervision	\$300
<b>DAILY COST:</b>	<b>\$172,889</b>
<b>TOTAL WELL COST:</b>	<b>\$513,939</b>

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



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 12/4/2004 **Day:** 05  
**Operation:** Completion **Rig:** Western #1

**WELL STATUS**

**Surf Csg:** 8-5/8" @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 6079'  
**Tbg:** Size: 2 7/8 Wt: 6.5# **Grd:** J-55 **Pkr/EOT @:** 6016' **BP/Sand PBTD:** 6079'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>A1 sds</u>	<u>5170-5180'</u>	<u>4/40</u>			
<u>A3 sds</u>	<u>5234-5250'</u>	<u>4/64</u>			
<u>LODC sds</u>	<u>5350-5365'</u>	<u>4/60</u>			
<u>LODC sds</u>	<u>5374-5384'</u>	<u>4/40</u>			
<u>CP4 sds</u>	<u>5834-5844'</u>	<u>4/40</u>			
<u>CP5 sds</u>	<u>5942-5970'</u>	<u>2/56</u>			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 03-Dec-04 **SITP:** 0 **SICP:** 0

Thaw wellhead & BOP W/ HO trk. No pressure on well. Con't PU & TIH W/ bit & tbg f/ 5323'. Tag fill @ 5435'. RU power swivel. C/O sd & drill out remaining composite bridge plugs as follows: sd @ 5435', plug @ 5500' in 14 minutes; sd @ 5885', plug @ 5900' in 13 minutes. CON't swivelling jts in hole. Tag fill @ 5982'. Drill sd & plug remains to PBTD @ 6079'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 6016'. RU swab equipment. IFL @ sfc. Made 15 swab runs rec 216 BTF (est 206 BW & 10 BO) W/ light gas & no sand. FFL @ 1100'. FOC @ 15%. SIFN W/ est 2259 BWTR.

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**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2465 **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 206 **Oil lost/recovered today:** 10  
**Ending fluid to be recovered:** 2259 **Cum oil recovered:** 10  
**IFL:** sfc **FFL:** 1100' **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** 15%

**STIMULATION DETAIL**

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

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

**COSTS**

<u>Western rig #1</u>	<u>\$2,785</u>
<u>Graco BOP</u>	<u>\$145</u>
<u>Weatherford swivel</u>	<u>\$750</u>
<u>RNI wtr disposal</u>	<u>\$3,000</u>
<u>NPC location cleanup</u>	<u>\$300</u>
<u>CDI TA</u>	<u>\$450</u>
<u>CDI SN</u>	<u>\$70</u>
<u>Stacy Hall trucking</u>	<u>\$300</u>
<u>Zubiate HO trk</u>	<u>\$270</u>
<u>NPC supervision</u>	<u>\$300</u>

**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:** \$8,370  
**TOTAL WELL COST:** \$522,309



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 12/7/2004 **Day:** 06  
**Operation:** Completion **Rig:** Western #1

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 6079'  
**Tbg:** **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5876' **BP/Sand PBTD:** 6079'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	5170-5180'	4/40			
A3 sds	5234-5250'	4/64			
LODC sds	5350-5365'	4/60			
LODC sds	5374-5384'	4/40			
CP4 sds	5834-5844'	4/40			
CP5 sds	5942-5970'	2/56			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 06-Dec-04 **SITP:** 220 **SICP:** 260

Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed gas off well. TIH W/ bit & tbg f/ 6016'. Tag sd @ 6067' (12' new fill). C/O sd to PBTD @ 6079'. Circ hole clean. Lost est 45 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 jt tbg, new CDI 5 1/2" TA (45K) & 180 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5876' W/ SN @ 5912' & EOT @ 5978'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 120-3/4" plain rods, 100-3/4" scraped rods, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2305 BWTR.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2259 **Starting oil rec to date:** 10  
**Fluid lost/recovered today:** 46 **Oil lost/recovered today:** 15  
**Ending fluid to be recovered:** 2305 **Cum oil recovered:** 25  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

TUBING DETAIL	ROD DETAIL	COSTS
		Western rig #1 \$3,125
KB 12.00'	1 1/2" X 22' polished rod	Graco BOP \$145
180 2 7/8 J-55 tbg (5864.20')	1-6' & 1-2' X 3/4" pony rods	Zubiate HO trk \$1,050
TA (2.80' @ 5876.20' KB)	100-3/4" scraped rods	NPC trucking \$300
1 2 7/8 J-55 tbg (32.56')	120-3/4" plain rods	CDI rod pump \$1,300
SN (1.10' @ 5911.56' KB)	10-3/4" scraped rods	"A" grade rod string \$10,800
2 2 7/8 J-55 tbg (65.19')	6-1 1/2" weight rods	NPC frac tks(5X6 dys) \$1,200
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14'	NPC swab tk (3 days) \$120
EOT 5978.30' W/ 12' KB	RHAC pump W/ SM plunger	NPC frac head \$500
		NPC supervision \$300

**DAILY COST:** \$18,840

**TOTAL WELL COST:** \$541,149

**Completion supervisor:** Gary Dietz



G-1  
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**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 4-13-9-15 **Report Date:** 12/8/2004 **Day:** 07  
**Operation:** Completion **Rig:** Western #1

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 314' **Prod Csg:** 5-1/2" @ 6123' **Csg PBTD:** 6079'  
**Tbg:** **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5876' **BP/Sand PBTD:** 6079'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
A1 sds	5170-5180'	4/40			
A3 sds	5234-5250'	4/64			
LODC sds	5350-5365'	4/60			
LODC sds	5374-5384'	4/40			
CP4 sds	5834-5844'	4/40			
CP5 sds	5942-5970'	2/56			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 07-Dec-04 **SITP:** 30 **SICP:** 90

Heat trace system and kick well on @ 8:00 AM W/ 78" SL @ 6 SPM. Final report.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2259 **Starting oil rec to date:** 10  
**Fluid lost/recovered today:** 46 **Oil lost/recovered today:** 15  
**Ending fluid to be recovered:** 2305 **Cum oil recovered:** 25  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

<u>TUBING DETAIL</u>	<u>ROD DETAIL</u>	<u>COSTS</u>
		NPC Supervision <u>\$100</u>
KB 12.00'	1 1/2" X 22' polished rod	
180 2 7/8 J-55 tbg (5864.20')	1-6' & 1-2' X 3/4" pony rods	
TA (2.80' @ 5876.20' KB)	100-3/4" scraped rods	
1 2 7/8 J-55 tbg (32.56')	120-3/4" plain rods	
SN (1.10' @ 5911.56' KB)	10-3/4" scraped rods	
2 2 7/8 J-55 tbg (65.19')	6-1 1/2" weight rods	
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14'	
EOT 5978.30' W/ 12' KB	RHAC pump W/ SM plunger	

**DAILY COST:** \$100  
**TOTAL WELL COST:** \$541,249

**Completion supervisor:** Rod Bird

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5120'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 186' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 1/2" casing to 366'

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

## ASHLEY FEDERAL 4-13-9-15

Spud Date: 7/22/04  
 Put on Production: 12/07/04  
 GL: 6162' KB: 6174'

Initial Production: BOPD,  
 MCFD, BWPD

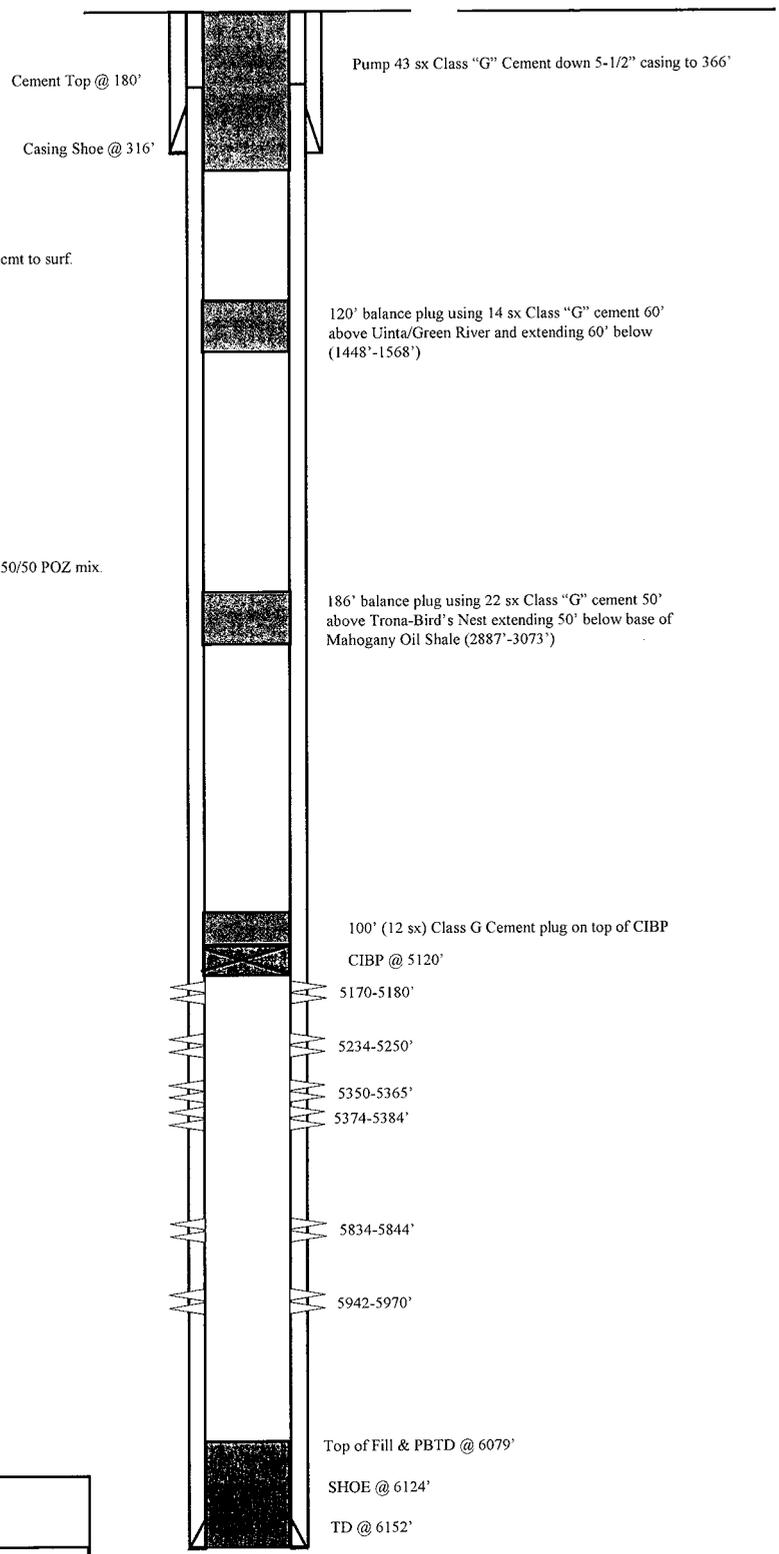
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.29')  
 DEPTH LANDED: 316.29' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6125.5')  
 DEPTH LANDED: 6123.5' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 180'



**NEWFIELD**

  
**Ashley Federal 4-13-9-15**  
 831' FNL & 557' FWL  
 NW/NW Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-473-013-32393; Lease #UTU-66184

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)  
831 FNL 557 FWL  
NWNW 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 4-13-9-15

9. API Well No.

4301332393

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**

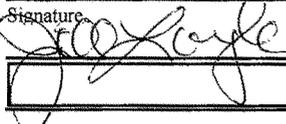
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

Newfield Production 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

Signature: 

Title

Regulatory Technician

Date

02/11/2011

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

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

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  
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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

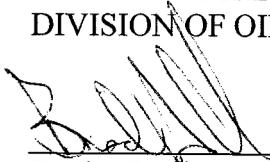
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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**

---

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

---

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

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

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

---

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

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 4-13-9-15

**Location:** 13/9S/15E      **API:** 43-013-32393

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 316 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,124 feet. A cement bond log demonstrates adequate bond in this well up to about 3,158 feet. A 2 7/8 inch tubing with a packer will be set at 5,120 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 7 producing wells, 4 injection wells, and 1 shut-in well in the AOR. In addition, there is 1 currently permitted surface location outside the AOR, from which a horizontal well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1100 feet. Injection shall be limited to the interval between 4,030 feet and 6,079 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-13-9-15 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,776 psig. The requested maximum pressure is 1,776 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 4-13-9-15**  
**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: 3/1/2011

PROOF OF PUBLICATION

CUSTOMER'S COPY

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

RECEIVED  
 MAR 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.

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

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

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

Dated this 23rd day of February, 2011.

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

667853

UPAXLP

<b>ACCOUNT NAME</b>	
DIV OF OIL-GAS & MINING,	
<b>TELEPHONE</b>	<b>ADORDER# / INVOICE NUMBER</b>
8015385340	0000667853 /
<b>SCHEDULE</b>	
Start 02/28/2011	End 02/28/2011
<b>CUST. REF. NO.</b>	
Cause # UIC-372	
<b>CAPTION</b>	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
<b>SIZE</b>	
82 Lines	2.00 COLUMN
<b>TIMES</b>	<b>RATE</b>
3	
<b>MISC. CHARGES</b>	<b>AD CHARGES</b>
<b>TOTAL COST</b>	
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 APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH. AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGAL.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGAL.COM INDEFINITELY.

Start 02/28/2011 End 02/28/2011

PUBLISHED ON

SIGNATURE

*Barry Taylor*

3/1/2011

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

*Brad Hill*

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

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

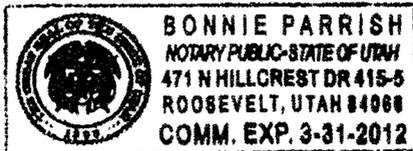
I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive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

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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

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

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



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 31, 2011

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 4-13-9-15, Section 13, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32393

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,

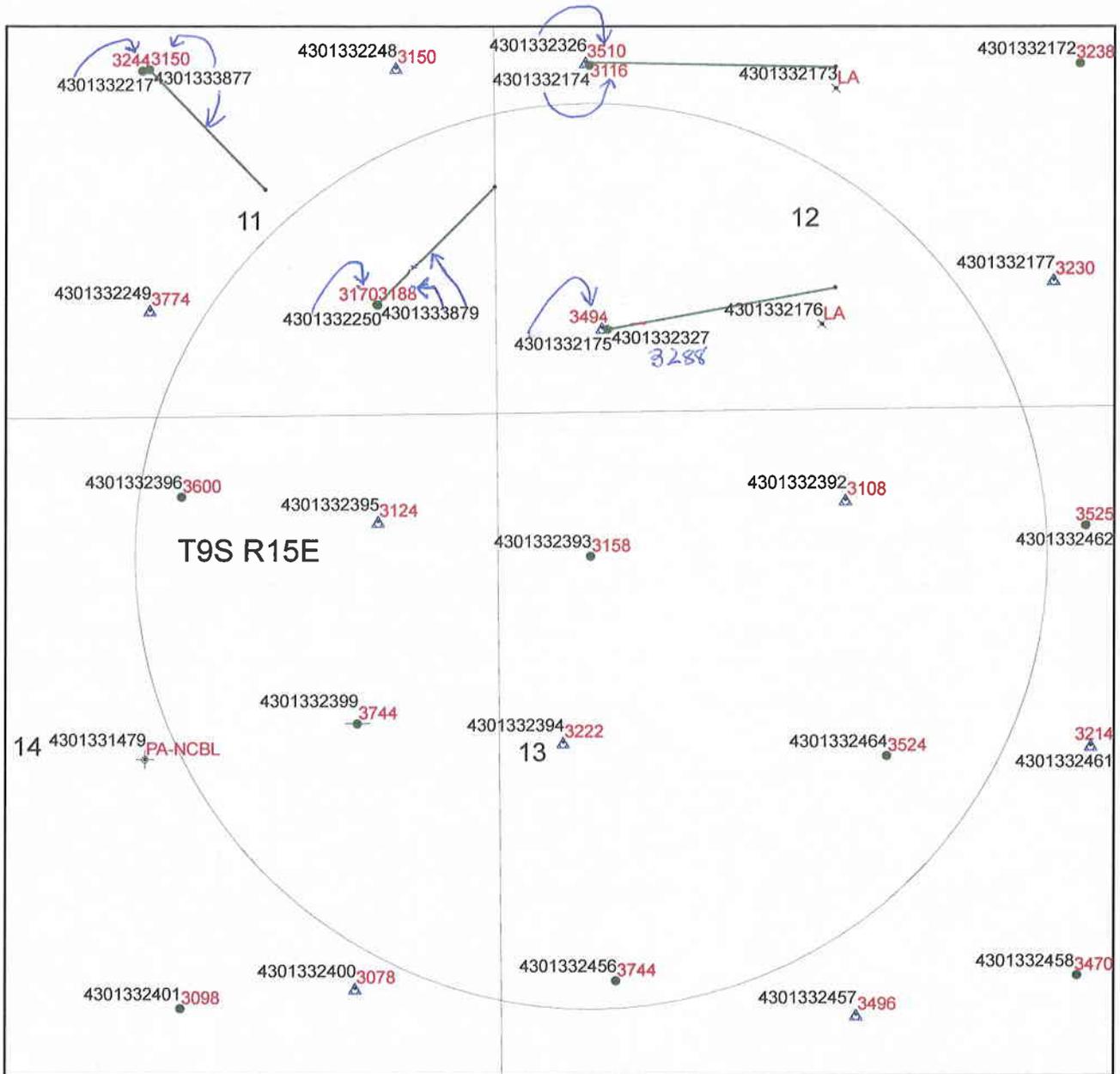
John Rogers  
Associate Director

JR/MLR/js

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

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# Cement Bond Tops

## ASHLEY FEDERAL 4-13-9-15

### API #43-013-32393

### UIC-372.1

**Legend**

- |   |                                     |
|---|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_26 | 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-Cb1topsMaster3_03_11          |
|   | SGID93_ENERGY_DNROilGasWells_HDPath |



1870calc = approx cement top calculated from well completion report





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

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### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-372

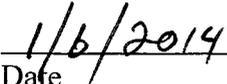
**Operator:** Newfield Production Company  
**Well:** Ashley Federal 4-13-9-15  
**Location:** Section 13, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32393  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 31, 2011.
2. Maximum Allowable Injection Pressure: 1,776 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,030' – 6,079')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

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

  
John Rogers  
Associate Director

  
Date

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

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<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>1. TYPE OF WELL</b> Water Injection Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66184
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-13-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0831 FNL 0557 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 13 Township: 09.0S Range: 15.0E Meridian: S	<b>9. API NUMBER:</b> 43013323930000
	<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: 1/17/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 10:00 AM on 01/17/2014.

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

**Date:** February 03, 2014

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/30/2014	