



August 8, 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 5-14-9-15, 6-14-9-15, 11-14-9-15, 13-14-9-15, 15-14-9-15, 9-15-9-15, 10-15-9-15, 11-15-9-15, and 15-15-9-15.

Dear Diana:

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

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

AUG 12 2003

DIV. OF OIL, GAS & MINING

001

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
UTU-66184

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

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

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

9. API Well No.  
43-013-32471

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SE Sec. 15, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Inland Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NW/SE 1785' FSL 1957' FEL 4431021Y 40.02864  
At proposed prod. zone 566975X -110.21510

14. Distance in miles and direction from nearest town or post office\*  
Approximately 16.2 miles southwest of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1785' flse & 2003' flunit

16. No. of Acres in lease  
1,360.57

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1273'

19. Proposed Depth  
6500'

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6320' GR

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

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

24. Attachments

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

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

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

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 08-14-03

Title ENVIRONMENTAL SCIENTIST III

**Federal Approval of this Action is Necessary**

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

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

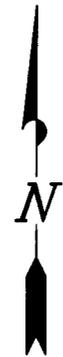
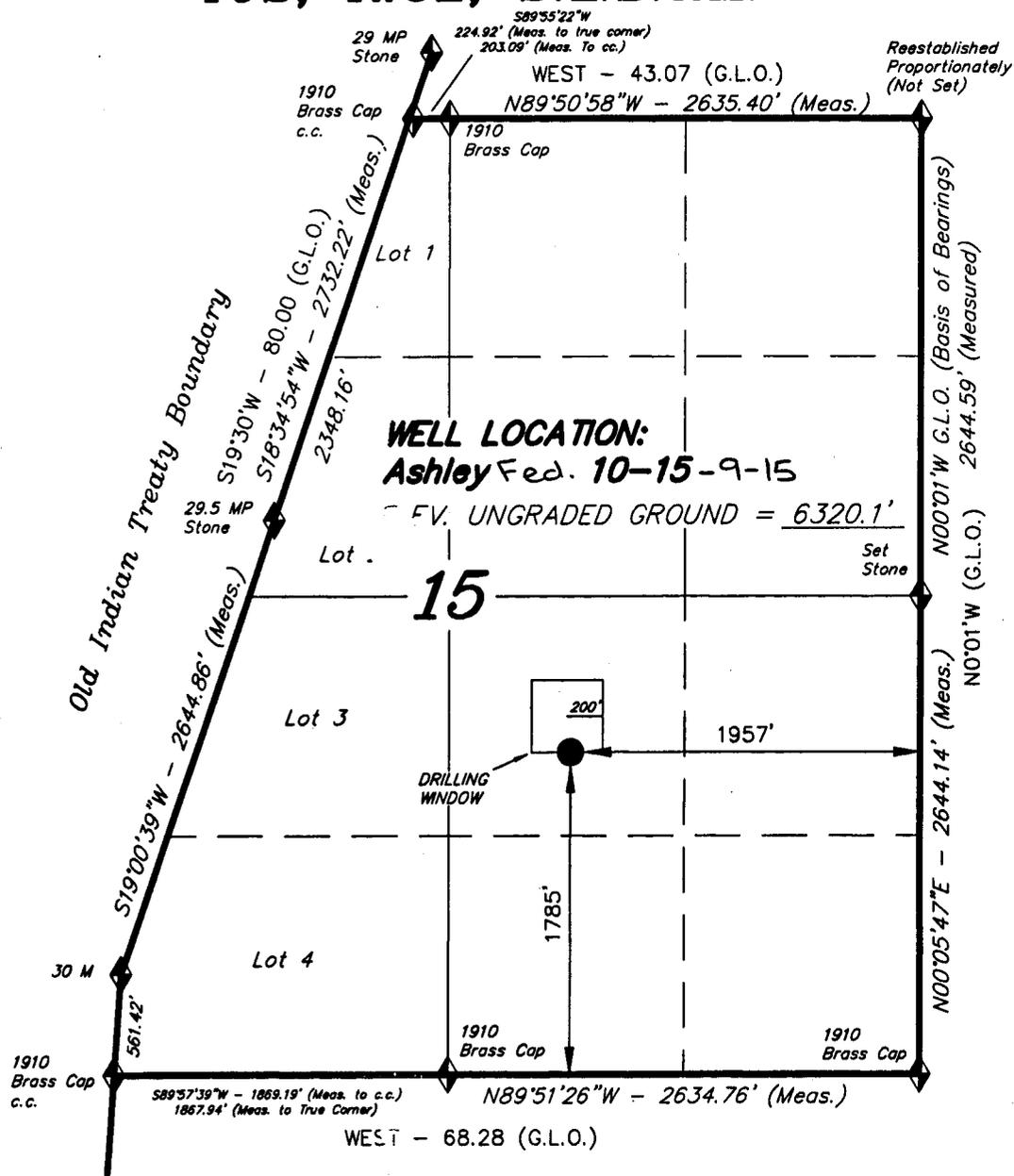
\*(Instructions on reverse)

RECEIVED  
AUG 12 2003  
DIV. OF OIL, GAS & MINING

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

## INLAND PRODUCTION COMPANY

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



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

*Stacy W. Stewart*

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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: C.D.S.
DATE: 7-3-03	DRAWN BY: R.V.C.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #10-15-9-15  
NW/SE SECTION 15, 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	6155'

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

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #10-15-9-15  
NW/SE SECTION 15, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #10-15-9-15 located in the NW 1/4 SE 1/4 Section 15, 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 - 11.3 miles  $\pm$  to it's junction with an existing dirt road to the west; proceed northwesterly and then southwesterly - 2.1 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 1.2 miles  $\pm$  to it's junction with the beginning of the proposed access road to the north; proceed along the proposed access road 625'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

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

Inland Production Company requests a 60' ROW for the Ashley Federal #10-15-9-15 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Please refer to the Monument Butte Field SOP.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Beardless Bluebunch Wheatgrass	<i>Agropyron Spicatum Var. Inerme</i>	10 lbs/acre
Black Sage	<i>Artemisai Nova</i>	2 lbs/acre

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

Representative

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

Certification

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

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

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

8/8/03

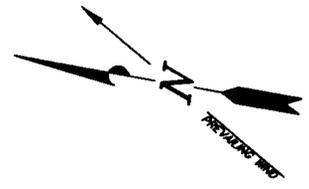
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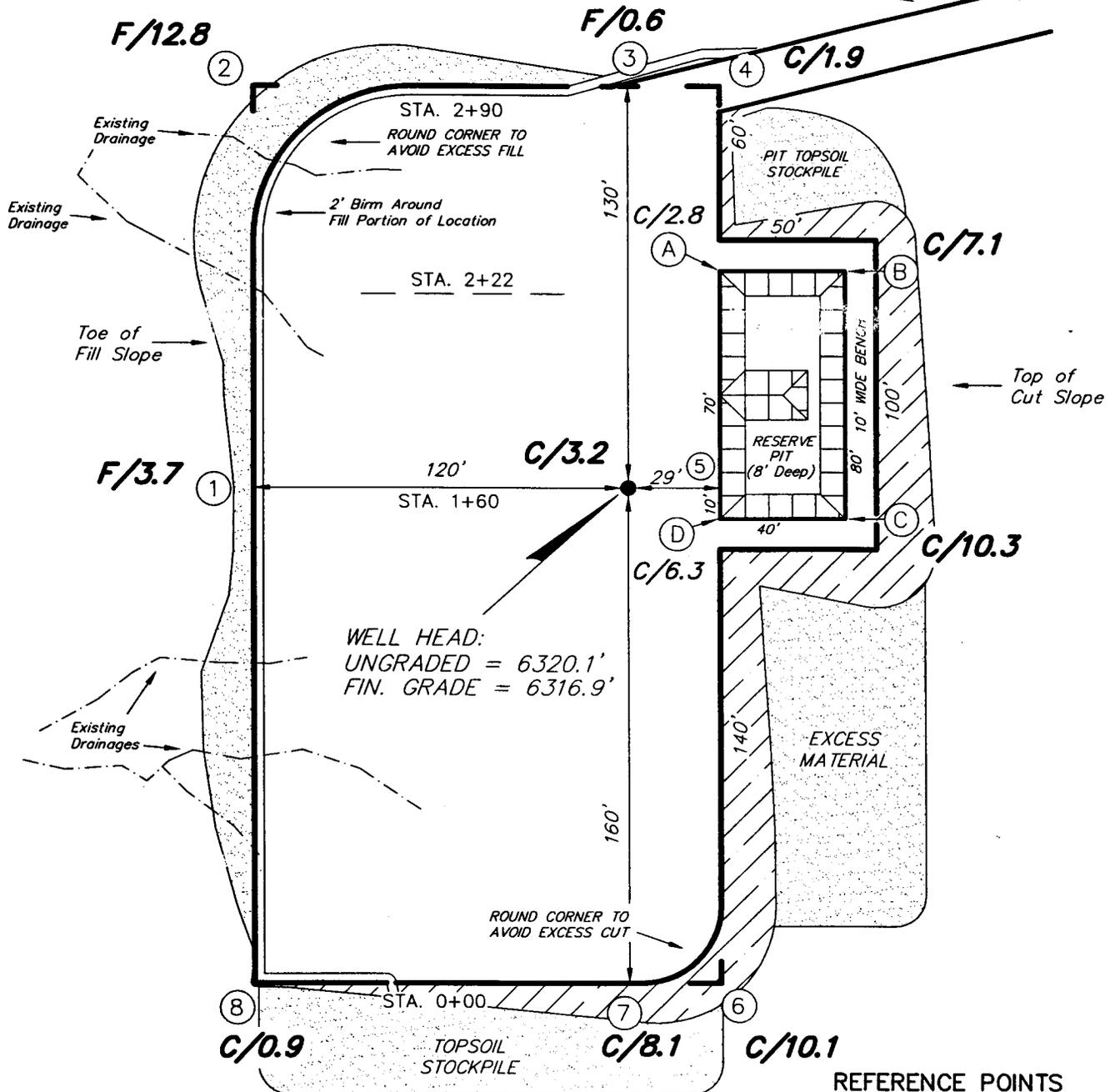
Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

Ashley Unit 10-15  
Section 15, T9S, R15E, S.L.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)



WELL HEAD:  
UNGRADED = 6320.1'  
FIN. GRADE = 6316.9'

### REFERENCE POINTS

- 180' EAST = 6315.9'
- 230' EAST = 6315.1'
- 170' NORTH = 6308.5'
- 220' NORTH = 6299.8'

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: R.V.C.

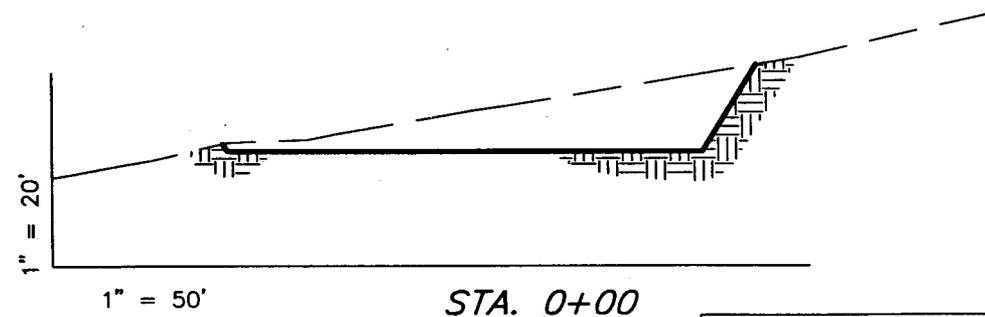
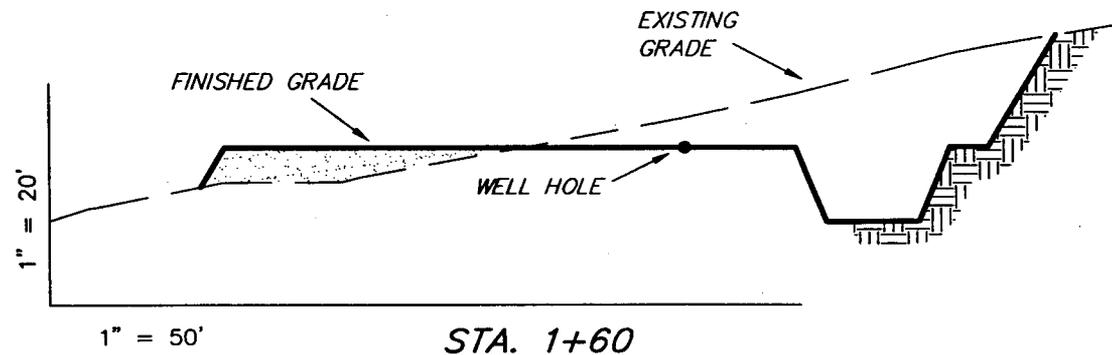
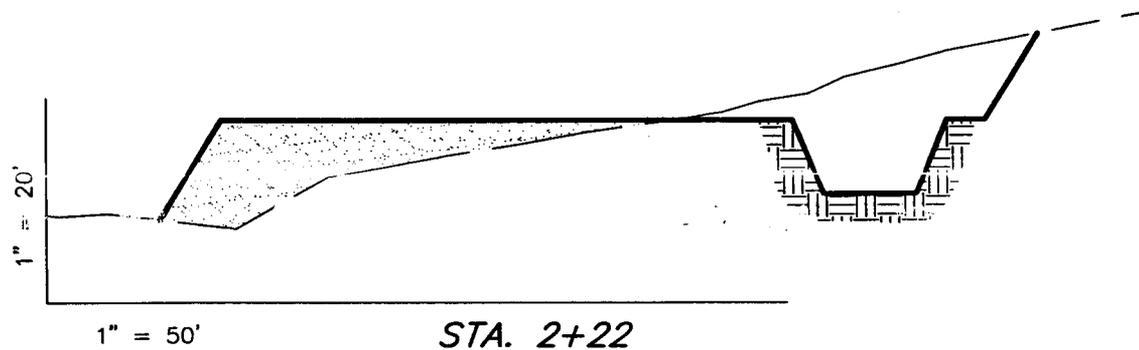
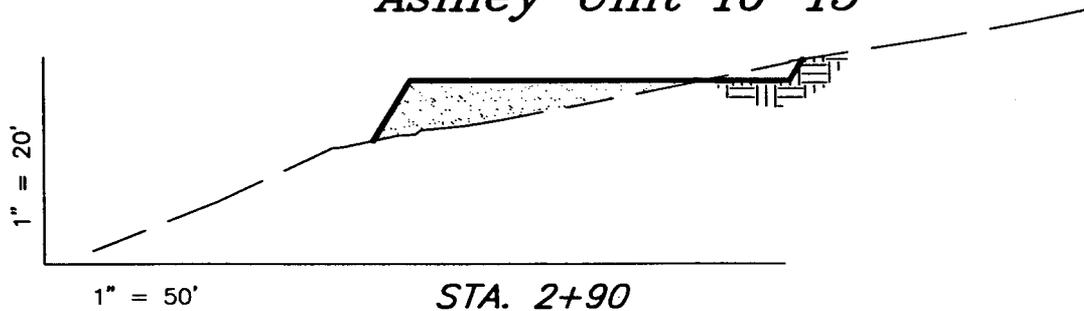
DATE: 7-2-03

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

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### Ashley Unit 10-15



#### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,600	4,600	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,240	4,600	890	640

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

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: R.V.C.

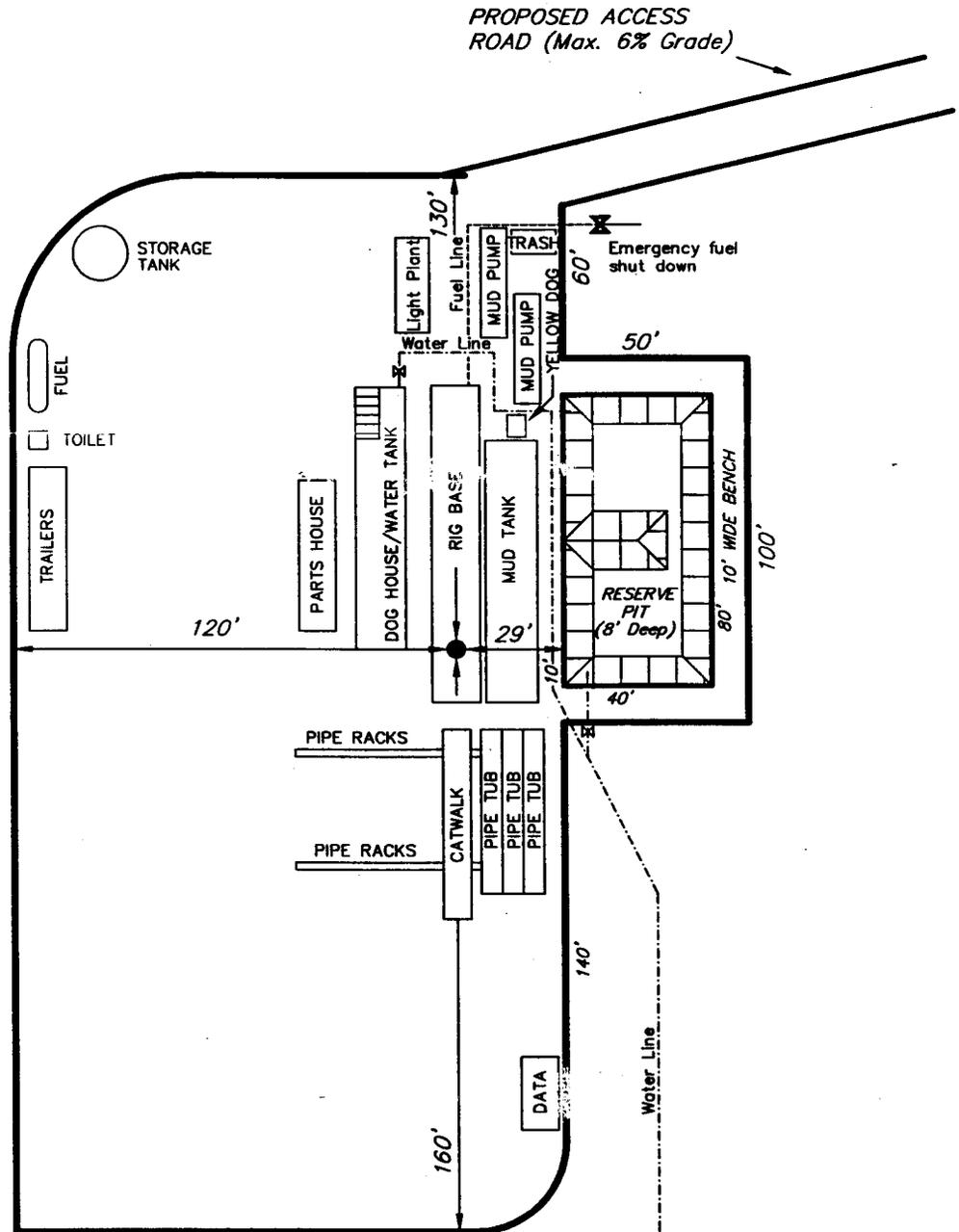
DATE: 7-2-03

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

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### Ashley Unit 10-15



SURVEYED BY: C.D.S.

SCALE: 1" = 50'

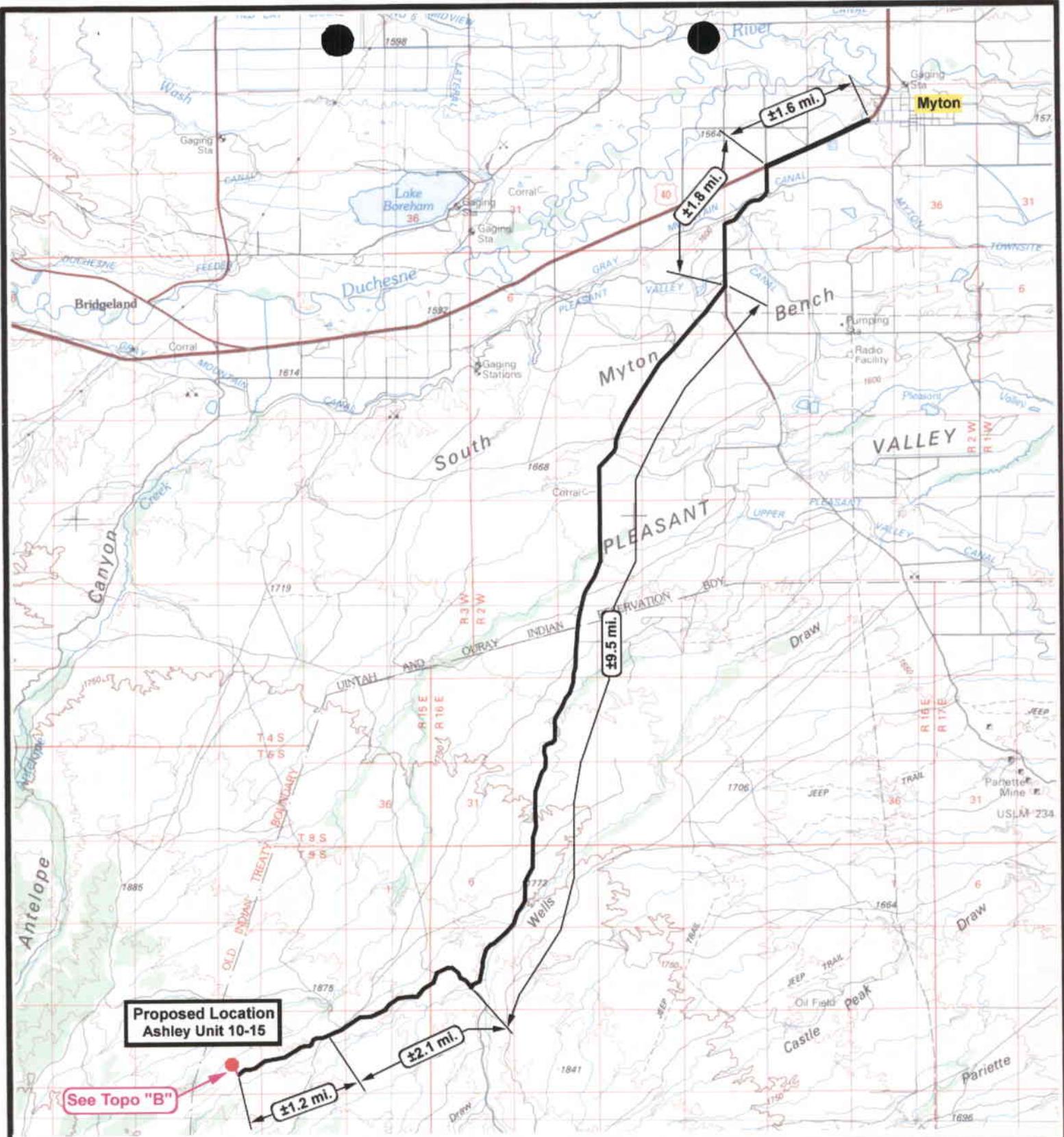
DRAWN BY: R.V.C.

DATE: 7-2-03

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**Proposed Location  
Ashley Unit 10-15**

See Topo "B"



**Ashley Unit 10-15  
SEC. 15, T9S, R15E, S.L.B.&M.**

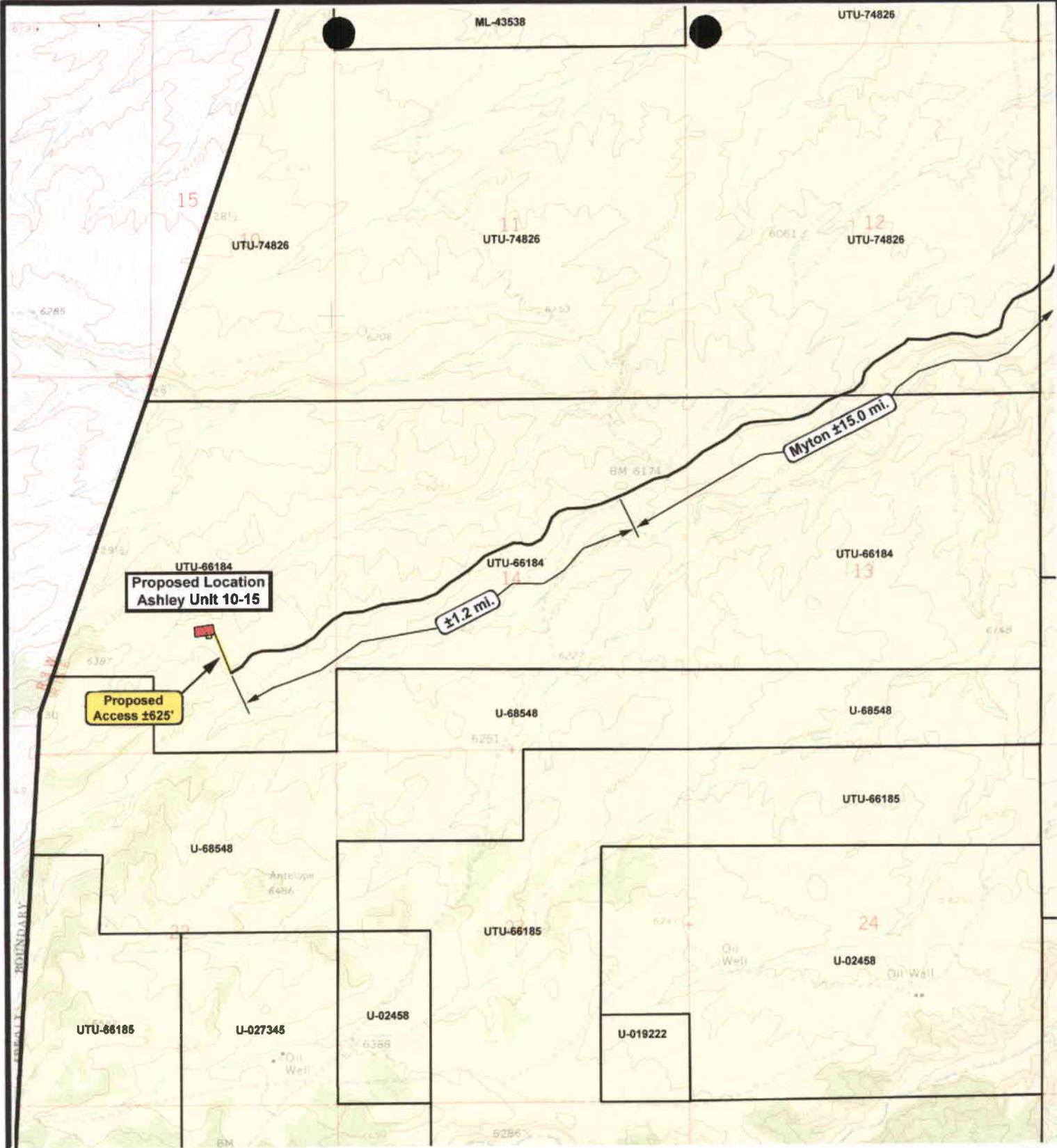


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: R.A.B.  
DATE: 07-09-2003

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP  
**"A"**



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

Legend	
	Existing Road
	Proposed Access

**Ashley Unit 10-15**  
**SEC. 15, T9S, R15E, S.L.B.&M.**

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 07-09-2003

TOPOGRAPHIC MAP  
**"B"**

ML-43538

UTU-74826

15

UTU-74826

11  
UTU-74826

12  
UTU-74826

UTU-66184

**Proposed Location  
Ashley Unit 10-15**

UTU-66184  
14

UTU-66184  
13

**Proposed Gas  
Pipeline ±625'**

**Tie in at  
Gas Pipeline**

U-68548

U-68548

UTU-66185

U-68548

UTU-66185

U-02458

24

UTU-66185

U-027345

U-02458

U-019222



**Ashley Unit 10-15  
SEC. 15, 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.

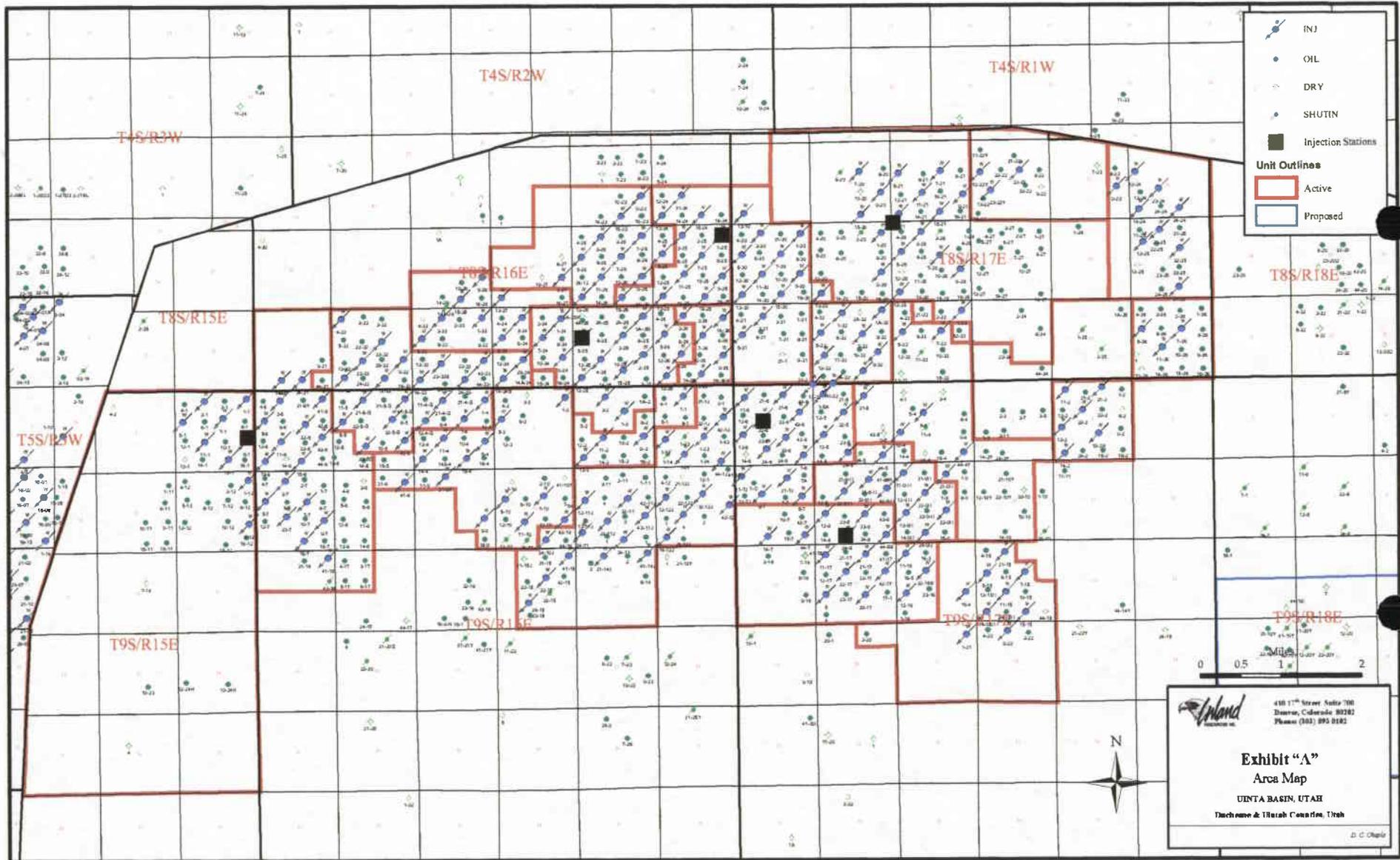
DATE: 07-09-2003

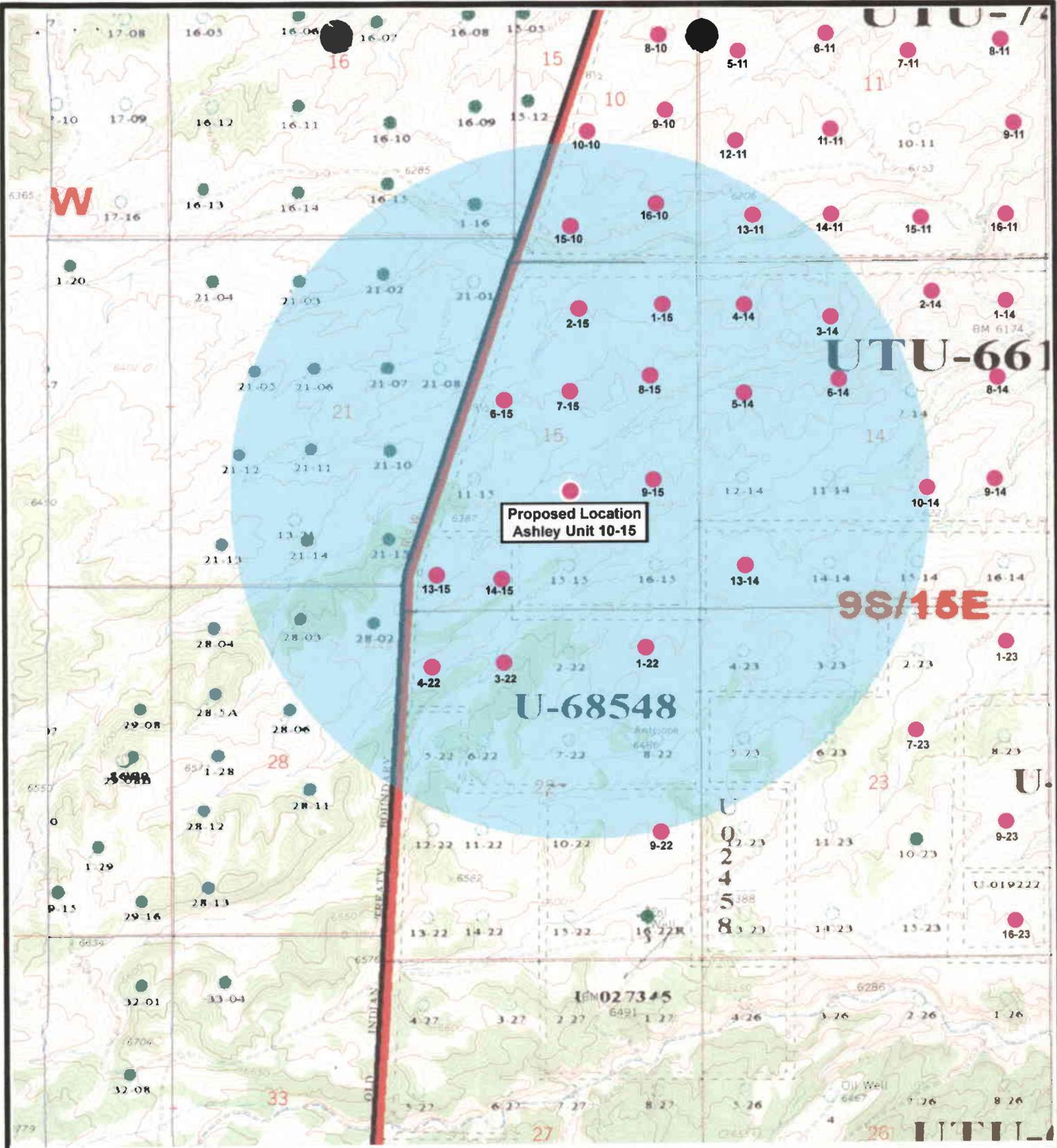
**Legend**

- Roads
- Existing Gas Line
- Proposed Gas Line

TOPOGRAPHIC MAP

**"C"**





Proposed Location  
Ashley Unit 10-15

U-68548

9S/15E



**Ashley Unit 10-15**  
**SEC. 15, 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: 07-09-2003

Legend

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

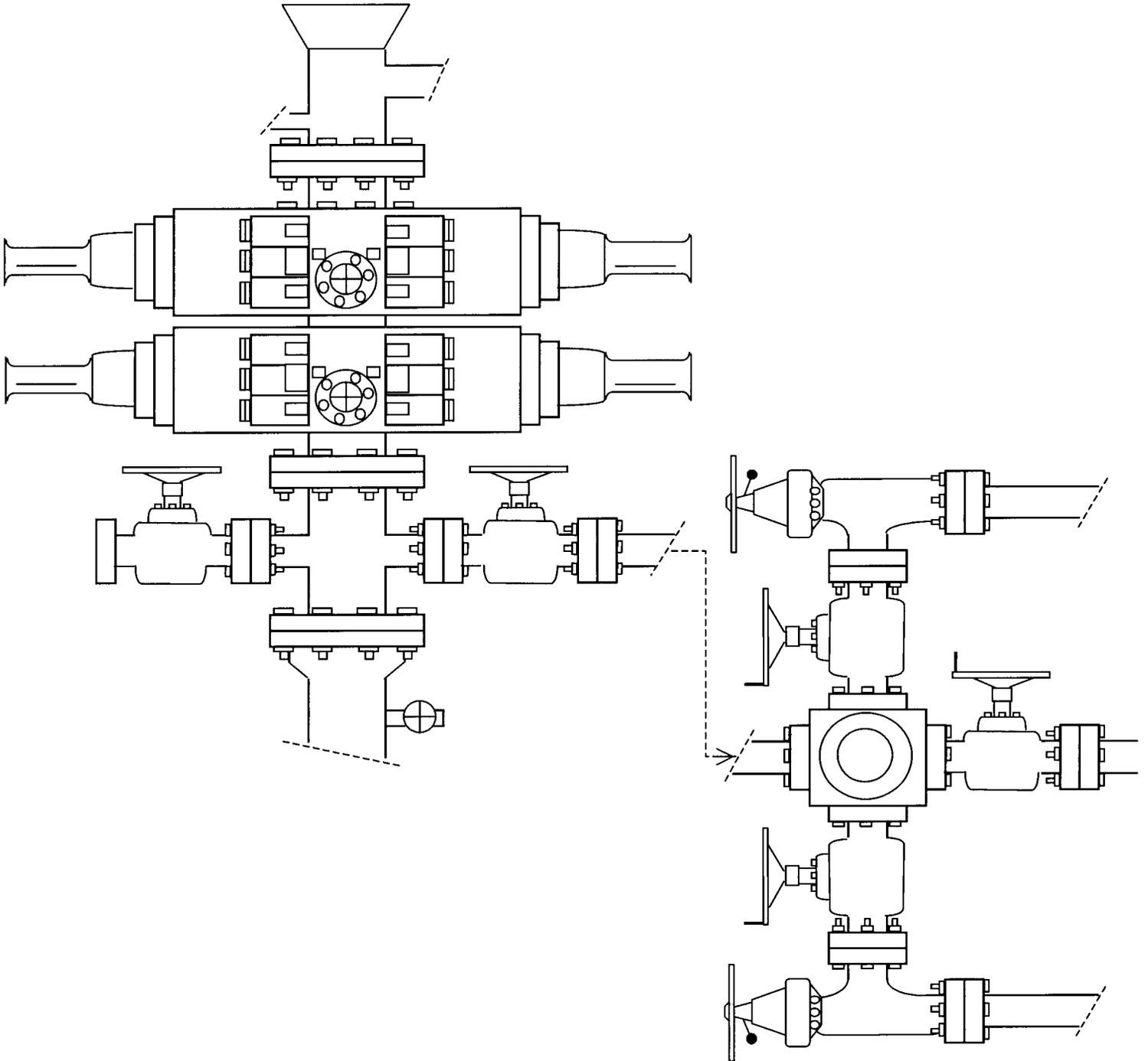


EXHIBIT C

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

Anne Raney  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 01-163

May 23, 2002

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

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

**INLAND RESOURCES, INC.**

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

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

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/12/2003

API NO. ASSIGNED: 43-013-32471

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 15 090S 150E  
SURFACE: 1785 FSL 1957 FEL  
BOTTOM: 1785 FSL 1957 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-66184  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV

LATITUDE: 40.02864  
LONGITUDE: 110.21510

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

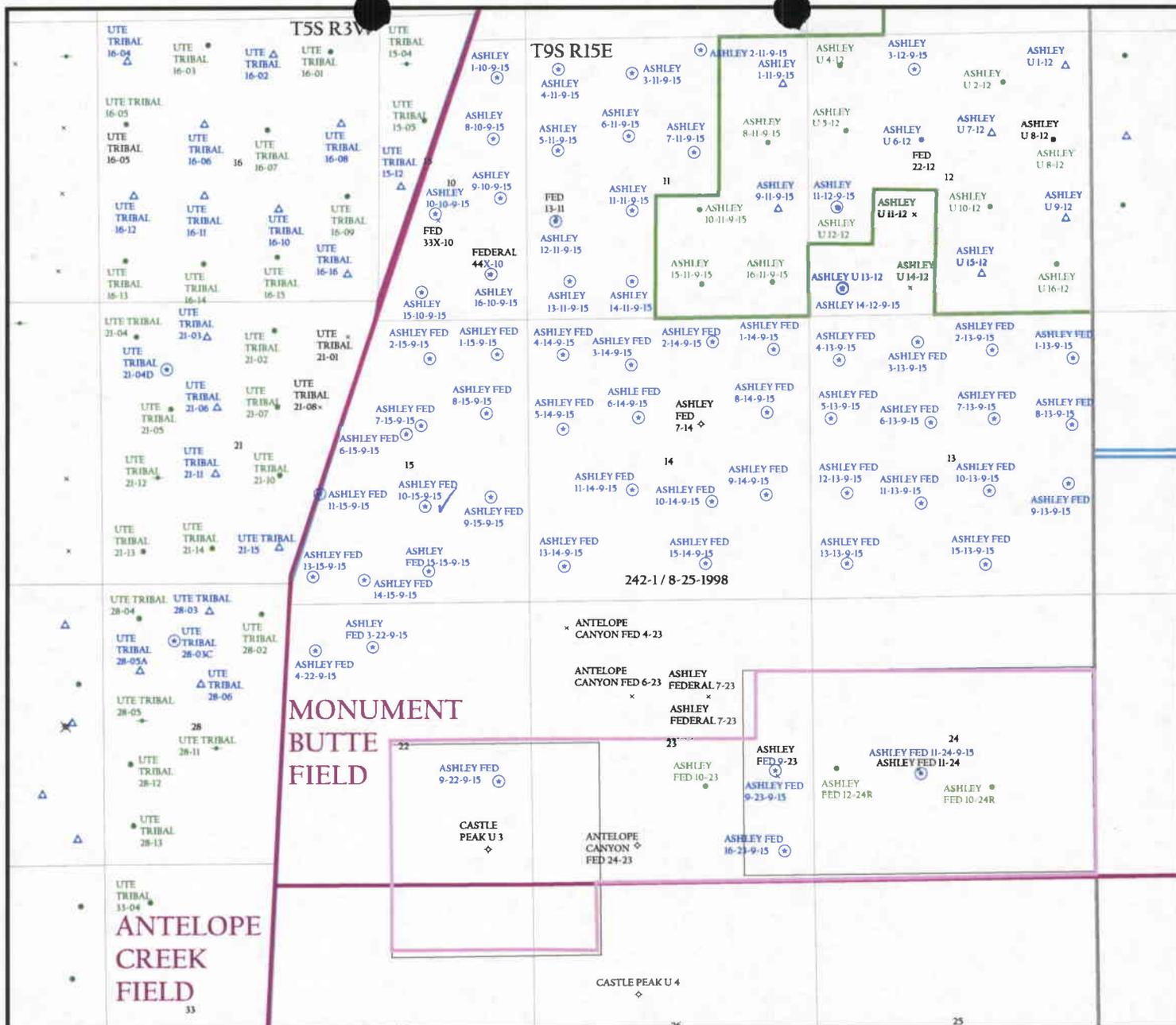
- R649-2-3.
- Unit ASHLEY
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: (Suspends General Siting)
- R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

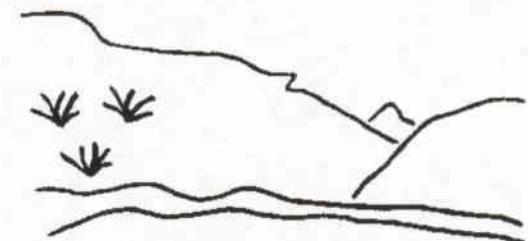
1 Federal Approval



OPERATOR: INLAND PRODUCTION CO (N5160)  
 SEC. 15 T.9S, R.15E  
 FIELD: MONUMENT BUTTES (105)  
 COUNTY: DUCHESNE  
 CAUSE: 242-1 / 8-25-1998

- |                       |                    |
|-----------------------|--------------------|
| <b>Wells</b>          | <b>Unit Status</b> |
| • GAS INJECTION       | □ EXPLORATORY      |
| • GAS STORAGE         | □ GAS STORAGE      |
| • LOCATION ABANDONED  | □ NF PP OIL        |
| ⊙ NEW LOCATION        | □ NF SECONDARY     |
| • PLUGGED & ABANDONED | □ PENDING          |
| • PRODUCING GAS       | □ PI OIL           |
| • PRODUCING OIL       | □ PP GAS           |
| • SHUT-IN GAS         | □ PP GEOTHERML     |
| • SHUT-IN OIL         | □ PP OIL           |
| × TEMP. ABANDONED     | □ SECONDARY        |
| • TEST WELL           | □ TERMINATED       |
| • WATER INJECTION     |                    |
| • WATER SUPPLY        |                    |
| • WATER DISPOSAL      |                    |

- |                     |
|---------------------|
| <b>Field Status</b> |
| □ ABANDONED         |
| □ ACTIVE            |
| □ COMBINED          |
| □ INACTIVE          |
| □ PROPOSED          |
| □ STORAGE           |
| □ TERMINATED        |



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
 DATE: 13-AUGUST-2003



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

August 14, 2003

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

Re: Ashley Federal 10-15-9-15 Well, 1785' FSL, 1957' FEL, NW SE, Sec. 15, 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 43-013-32471.

Sincerely,

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

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** Ashley Federal 10-15-9-15  
**API Number:** 43-013-32471  
**Lease:** UTU-66184

**Location:** NW SE                      **Sec.** 15      **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.

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. <del>Astrey</del> UTU73520A
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. Ashley Federal 10-15-9-15
2. Name of Operator Inland Production Company		9. API Well No. 43-013-32471
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	10. Field and Pool, or Exploratory Monument Butte
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1785' FSL 1957' FEL At proposed prod. zone		11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 15, T9S R15E
14. Distance in miles and direction from nearest town or post office* Approximately 16.2 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1785' #/lse & 2003' #/unit		13. State UT
16. No. of Acres in lease 1,360.57	17. Spacing Unit dedicated to this well 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1273'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file #4488944
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6320' GR	22. Approximate date work will start* 4th Quarter 2003	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/18/03
Title Regulatory Specialist		
Approved by (Signature) <i>Edwin J. Foreman</i>	Name (Printed/Typed) Edwin J. Foreman	Date 3/19/04
Title Assistant Field Manager Mineral Resources	Office	

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

**NOTICE OF APPROVAL**

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

RECEIVED

\*(Instructions on reverse)

MAR 31 2004

DIV. OF OIL, GAS & MINERAL

**CONDITIONS OF APPROVAL ATTACHED**

UNCGM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

Well Name & Number: Ashley 10-15-9-15

API Number 43-013-32471

Lease Number: U-66184

Location: NWSE Sec. 15 T.9S R. 15E

Agreement: Ashley Unit

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

**CONDITIONS OF APPROVAL**

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

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

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

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

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

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

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

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

Black sagebrush	Artemisia nova	1 lb/acre
Indian ricegrass	Oryzopsis hymenoides	5 lbs/acre
Beardless bluebunch wheatgrass	Agropyron inerme	6 lbs/acre

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

006

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-66184

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ASHLEY (GR RVR)

8. Well Name and No.

ASHLEY FEDERAL 10-15-9-15

9. API Well No.

43-013-32471

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> 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)

1785 FSL 1957 FEL NW/SE Section 15, T9S R15E

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

TYPE OF SUBMISSION

<input checked="" type="checkbox"/> Notice of Intent
<input type="checkbox"/> Subsequent Report
<input type="checkbox"/> Final Abandonment Notice

TYPE OF ACTION

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/14/03 (expiration 8/14/04).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-19-04  
By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 8-25-04  
Initials: CHD

RECEIVED  
AUG 11 2004

DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 8/9/04  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-32471  
**Well Name:** Ashley Federal 10-15-9-15  
**Location:** NW/SE Section 15, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 8/14/2003

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

Marcia Crozier  
Signature

8/9/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: ASHLEY FED 10-15-9-15Api No: 43-013-32471 Lease Type: FEDERALSection 15 Township 09S Range 15E County DUCHESNEDrilling Contractor ROSS DRILLING RIG # 15**SPUDDED:**Date 08/25/04Time 8:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-823-7468Date 08/26/2004 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**009** SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-66184

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ASHLEY (GR RVR)

8. Well Name and No.

ASHLEY FEDERAL 10-15-9-15

9. API Well No.

43-013-32471

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

1785 FSL 1957 FEL NW/SE Section 15, T9S R15E

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 <u>Spud Notice</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

On 08/25/04 MIRU Ross # 15 . Spud well @ 8:00 am, Drill 300' of 12 1/4 hole with air mist, TIH w/7 Jts 8 5/8 J55 24# csgn. Set @ 304.91'/KB. On 08/26/04. 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.

RECEIVED

AUG 30 2004

DIV. OF OIL GAS & MINING

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

Signed Pat Wisener Title Drilling Foreman Date 8/26/2004  
Pat Wisener

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

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.

**INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT**

5 5/8 CASING SET AT 304.91

LAST CASING 8 5/8" SET AT 304'  
 DATUM 12. KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 300 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Ashley Fed 10-15-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 15

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		38.40" sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	293.06
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			294.91
TOTAL LENGTH OF STRING		294.91	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>304.91</b>
<b>TOTAL</b>		<b>293.06</b>	<b>7</b>	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		293.06	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		SPUD	8/25/2004	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE			8:00am	Bbls CMT CIRC TO SURFACE <u>4 BBLs</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT				BUMPED PLUG TO _____ 200 _____ PSI			
PLUG DOWN		<b>Cemented</b>	<b>8/26/2004</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>150</b>	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

**RECEIVED**

DATE 8/26/2004

**AUG 30 2004**

DIV. OF OIL, GAS & MINING

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	14283	43-013-32440	Ashley Federal 14-15-9-15	SE/SW	15	9S	15E	Duchesne	August 23, 2004	8/31/04

WELL 1 COMMENTS: GRRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14284	43-013-32471	Ashley Federal 10-15-9-15	NW/SE	15	9S	15E	Duchesne	August 25, 2004	8/31/04

WELL 2 COMMENTS: GRRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14285	43-013-32486	Federal 5-11-9-17	SW/NW	11	9S	17E	Duchesne	August 25, 2004	8/31/04

WELL 3 COMMENTS: GRRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14286	43-013-32473	Ashley Federal 15-15-9-15	SW/SE	15	9S	15E	Duchesne	August 27, 2004	8/31/04

WELL 4 COMMENTS: GRRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14287	43-047-35159	Federal 11-11-9-17	NE/SW	11	9S	17E	Utah	August 30, 2004	8/31/04

WELL 5 COMMENTS: GRRU

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

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

(388)

*Kabbie S. Jones*  
 Signature: \_\_\_\_\_  
 Title: Production Clerk  
 Date: August 31, 2004

RECEIVED  
AUG 31 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

010

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1785 FSL 1957 FEL  
 NW/SE Section 15 T9S R15E

5. Lease Serial No.  
 UTU66184

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.  
 4301332471

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Duchesne, UT

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

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

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

On 9-18-04 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,035'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 6028' / KB. Cement with 285 sks cement mixed @ 11.0 ppg & 3.43 yld. The 375 sks cement mixed @ 14.4 ppg & 1.24 yld. With 8 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 75,000 #'s tension. Release rig 4:30 am on 9-24-04.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature <i>Justin Crum</i>	Date 9/26/2004

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

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

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

(Instructions on reverse)

**RECEIVED**  
**SEP 28 2004**

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6028.64

Flt cllr @ 5982'

LAST CASING 8 5/8" SET AT 304'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Ashley 10-15-9-15

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Eagle Rig #1

TD DRILLER 6035' LOGGER 6053

HOLE SIZE 7 7/8"

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>6' @ 3968'</b>					
<b>141</b>	<b>5 1/2"</b>	MAV LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5970.19
		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>	45.2
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6030.64
TOTAL LENGTH OF STRING	6030.64	142	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	85.77	2	CASING SET DEPTH	<b>6028.64</b>
TOTAL	<b>6101.16</b>	144		

TOTAL CSG. DEL. (W/O THRDS)	6101.16	144	} COMPARE
TIMING	1st STAGE	2nd STAGE	
BEGIN RUN CSG.	7:30pm		GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE	10:30pm		Bbls CMT CIRC TO SURFACE <u>8</u>
BEGIN CIRC	10:35pm		RECIPROCATED PIPE I N/A <u>THRUSTROKE</u>
BEGIN PUMP CMT	11:20pm		DID BACK PRES. VALVE HOLD ? <u>Yes</u>
BEGIN DSPL. CMT	12:06am		BUMPED PLUG TO <u>1969</u> PSI
PLUG DOWN	<b>12:30pm</b>		

CEMENT USED \_\_\_\_\_ CEMENT COMPANY- **B. J.**

STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>285</b>	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake + 5#BLSF mixed @ 11.0 ppg W / 3.43 cf/sk yield
<b>2</b>	<b>375</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

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Floyd Mitchell DATE 9/23/2004

# NEWFIELD



November 22, 2004

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

Blackjack Federal 9-33-8-17 (43-013-32515)

Blackjack Federal 10-4-9-17 (43-013-32509)

Ashley Federal 9-15-9-15 (43-013-32470)

Ashley Federal 10-15-9-15 (43-013-32471)

Federal 9-11-9-17 (43-047-35158)

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,

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  
Marnie Bryson/Roosevelt

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DIV. OF OIL, GAS & MINING

013

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-66184  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA  
 7. UNIT AGREEMENT NAME  
Ashley Unit  
 8. FARM OR LEASE NAME, WELL NO.  
Ashley Federal 10-15-9-15

2. NAME OF OPERATOR  
Newfield Exploration  
 9. WELL NO.  
43-013-32471

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 1785' FSL & 1957' FEL (NW SE) Sec. 15, T9S, R15E  
 At top prod. Interval reported below  
 At total depth  
 11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA  
Sec. 15, T9S, R15E

14. API NO. 43-013-32471 DATE ISSUED 8/14/2003  
 12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 8/25/2004 16. DATE T.D. REACHED 9/24/2004 17. DATE COMPL. (Ready to prod.) 10/19/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6321' GL 6333' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6035' 21. PLUG BACK T.D., MD & TVD 5982' 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 4181'-5839'  
 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#	305'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6028'	7-7/8"	285 sx Premilite II and 375 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 @ 5873'	TA @ 5771'

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
(CP4) 5833'-5839'	.041"	4/24	5833'-5839'	Frac w/ 11,595# 20/40 sand in 219 bbls fluid.
(CP2,3) 5642'-62', 5709'-14'	.041"	4/100	5642'-5714'	Frac w/ 47,085# 20/40 sand in 449 bbls fluid.
(CP Stray) 5568'-5575'	.041"	4/24	5568'-5575'	Frac w/ 14,202# 20/40 sand in 246 bbls fluid.
(LODC) 5434'-44', 5458'-77'	.041"	4/116	5434'-5477'	Frac w/ 175,819# 20/40 sand in 1160 bbls fluid.
(A1,3) 5090'-96', 5104'-14'	.041"	4/64	5090'-5114'	Frac w/ 58,742# 20/40 sand in 481 bbls fluid.
(C-sd) 4826'-4834'	.041"	4/32	4826'-4834'	Frac w/ 18,639# 20/40 sand in 263 bbls fluid.
(D1) 4681'-4692'	.041"	4/44	4681'-4692'	Frac w/ 61,420# 20/40 sand in 465 bbls fluid.

33.\* PRODUCTION

DATE FIRST PRODUCTION 10/19/2004 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15.5' RHAC Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD.N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			---	189	198	11	1048

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 NOV 29 2004

35. LIST OF ATTACHMENTS  
DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Brian Harris TITLE Engineering Technician DATE 11/22/2004

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley 10-15-9-15	3661'	
				3875'	
				3980'	
				4234'	
				4503'	
				4540'	
				4644'	
				4886'	
				4984'	
				5582'	
				6002'	
				6036'	

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DIVISION OF OILS & MINING

**COPY**

012

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

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5. Well Serial No.  
UTU66184

6. If Inhabited, Allottee or Tribe Name.

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

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

9. API Well No.  
4301332471

10. Field and Pool, or Exploratory Area  
Management Butte

11. County or Parish, State  
Duchesne, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include Area Code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1785 FSL 1957 FEL  
NW/SE Section 15 T9S R15E

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DIV. OF OIL, GAS & MINING

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

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

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

Status report for time period 10/07/04 – 10/18/04

Subject well had completion procedures initiated in the Green River formation on 10/07/04 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5833-5839') (4 JSPF); #2 (5709-5714'), (5642-5662') (ALL 4 JSPF); #3 (5568-5575') (4 JSPF); #4 (5458-5477'), (5434-5444') (ALL 4 JSPF); #5 (5104-5114'), (5090-5096') (ALL 4 JSPF); #6 (4826-4834') (4 JSPF); #7 (4681-4692') (4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 10/12/04. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5982'. Zones were swab tested for sand cleanup. A BHA & production tbq string were run in and anchored in well. End of tubing string @ 5873.74'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10/18/04.

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Renee Palmer	Title Production Clerk
Signature 	Date 12/3/2004

THIS SPACE FOR FEDERAL ORESTA FE OFFICE USE

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

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

(Instructions on reverse)

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14286	12419	43-013-32473	Ashley Federal 15-15-9-15	SWISE	15	9S	15E	Duchesne		10/1/2004
WELL 1 COMMENTS: <i>GRUV</i> <span style="float: right;">1/6/05</span>											
C	14284	12419	43-013-32471	Ashley Federal 10-15-9-15	NWSE	15	9S	15E	Duchesne		10/1/2004
WELL 2 COMMENTS: <i>GRUV</i> <span style="float: right;">1/6/05</span>											
C	14301	12419	43-013-32470	Ashley Federal 9-15-9-15	NE/SE	15	9S	15E	Duchesne		10/1/2004
WELL 3 COMMENTS: <i>GRUV</i> <span style="float: right;">1/6/05</span>											
C	14304	12419	43-013-32466	Ashley Federal 6-14-9-15	SE/NW	14	9S	15E	Duchesne		10/1/2004
WELL 4 COMMENTS: <i>GRUV</i> <span style="float: right;">1/6/05</span>											
C	14303	12419	43-013-32465	Ashley Federal 5-14-9-15	SW/NW	14	9S	15E	Duchesne		10/1/2004
WELL 5 COMMENTS: <i>GRUV</i> <span style="float: right;">1/6/05</span>											

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

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

(389)

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

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DIV. OF OIL, GAS & MINING



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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

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



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**014**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**9/1/2004**

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

**CA No.**

**Unit:**

**ASHLEY**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ASHLEY FED 12-13-9-15	13	090S	150E	4301332456	14531	Federal	OW	DRL	K
ASHLEY FED 11-13-9-15	13	090S	150E	4301332457	14532	Federal	OW	DRL	K
ASHLEY FED 10-13-9-15	13	090S	150E	4301332458	14534	Federal	OW	DRL	K
ASHLEY FED 9-13-9-15	13	090S	150E	4301332459		Federal	OW	APD	K
ASHLEY FED 8-13-9-15	13	090S	150E	4301332460		Federal	OW	APD	K
ASHLEY FED 7-13-9-15	13	090S	150E	4301332461	14572	Federal	OW	DRL	K
ASHLEY FED 2-13-9-15	13	090S	150E	4301332462		Federal	OW	DRL	K
ASHLEY FED 1-13-9-15	13	090S	150E	4301332463		Federal	OW	APD	K
ASHLEY FED 6-13-9-15	13	090S	150E	4301332464	14555	Federal	OW	DRL	K
ASHLEY FED 5-14-9-15	14	090S	150E	4301332465	12419	Federal	OW	P	K
ASHLEY FED 6-14-9-15	14	090S	150E	4301332466	12419	Federal	OW	P	K
ASHLEY FED 11-14-9-15	14	090S	150E	4301332467	12419	Federal	OW	P	K
ASHLEY FED 13-14-9-15	14	090S	150E	4301332468	12419	Federal	OW	DRL	K
ASHLEY FED 15-14-9-15	14	090S	150E	4301332469	12419	Federal	OW	P	K
ASHLEY FED 12-14-9-15	14	090S	150E	4301332476	12419	Federal	OW	P	K
ASHLEY FED 9-15-9-15	15	090S	150E	4301332470	12419	Federal	OW	P	K
ASHLEY FED 10-15-9-15	15	090S	150E	4301332471	12419	Federal	OW	P	K
ASHLEY FED 11-15-9-15	15	090S	150E	4301332472	12419	Federal	OW	P	K
ASHLEY FED 15-15-9-15	15	090S	150E	4301332473	12419	Federal	OW	P	K
ASHLEY FED 1-22-9-15	22	090S	150E	4301332477	12419	Federal	OW	DRL	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

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

5. If **NO**, the operator was contacted 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	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66184
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 10-15-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013324710000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1785 FSL 1957 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 15 Township: 09.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 10/16/2013. On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test.

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

Date: October 24, 2013

By: 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/21/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/18/13 Time 10:24 am pm  
Test Conducted by: Michael Jensen  
Others Present: \_\_\_\_\_

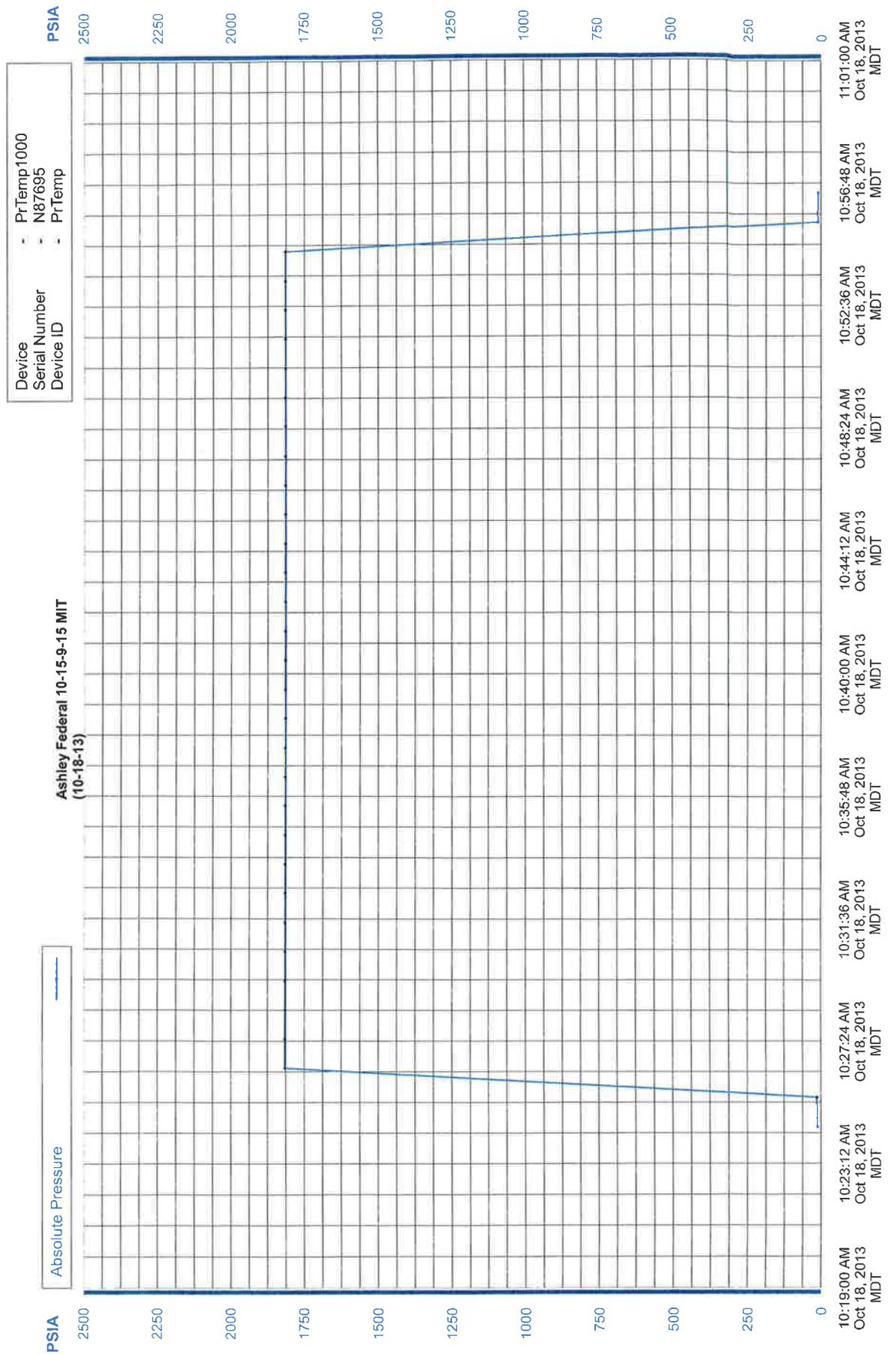
Well: Ashby Federal 10-15-9-15 Field: Greater Monument Butte  
Well Location: Ashby Federal 10-15-9-15 API No: 4301332471

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1816</u>	psig
5	<u>1816</u>	psig
10	<u>1815</u>	psig
15	<u>1815</u>	psig
20	<u>1815</u>	psig
25	<u>1815</u>	psig
30 min	<u>1815</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 50 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Michael Jensen



## Daily Activity Report

Format For Sundry

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

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

**10/16/2013 Day: 1**

**Conversion**

WWS #7 on 10/16/2013 - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$18,295

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**10/17/2013 Day: 2**

**Conversion**

WWS #7 on 10/17/2013 - Set packer, get good test on casing. - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg, breaking, inspecting, and green doping every connection w/ 41 more jts 2-7/8 j-55 tbg 8:40-8:55wait for trailer ld 35 jts, 5-1/2 tac, 1 jt, sn, 2 jts, nc. 10:00 Tih w/ 2-3/8" wlenry guide, 2-3/8 xn nipple w/ 1.875 profile, 2-3/8 tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 141 jts 2-7/8"j-55 tbg , 12:00 pump 20 bw down tbg drop sv psi test tbg to 1,500 psi w/ 15 bw 12:35-1:15 psi test tbg -good test- ru and rih w/ sand line retrieve sv pooh and rd sand line mix 20 gall pkr fluid w/ 60 bbls fresh water pump 30 bbls down csg nd bop set pkr @ 4,638' for 15,000# tension, sn @ 4,631', xn n ipple @ 4,646' eot @ 4,648', 33' above top perf nu injection tree land tbg fill csg w/ 25 more bbls well head leaking @ csg ndwh tighten up wh on csg nuwh psi test csg to 1,500 psi @ 3:00-4:15 -good test rd rig ready to road in AM 5:30SDFN - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg, breaking, inspecting, and green doping every connection w/ 41 more jts 2-7/8 j-55 tbg 8:40-8:55wait for trailer ld 35 jts, 5-1/2 tac, 1 jt, sn, 2 jts, nc. 10:00 Tih w/ 2-3/8" wlenry guide, 2-3/8 xn nipple w/ 1.875 profile, 2-3/8 tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 141 jts 2-7/8"j-55 tbg , 12:00 pump 20 bw down tbg drop sv psi test tbg to 1,500 psi w/ 15 bw 12:35-1:15 psi test tbg -good test- ru and rih w/ sand line retrieve sv pooh and rd sand line mix 20 gall pkr fluid w/ 60 bbls fresh water pump 30 bbls down csg nd bop set pkr @ 4,638' for 15,000# tension, sn @ 4,631', xn n ipple @ 4,646' eot @ 4,648', 33' above top perf nu injection tree land tbg fill csg w/ 25 more bbls well head leaking @ csg ndwh tighten up wh on csg nuwh psi test csg to 1,500 psi @ 3:00-4:15 -good test rd rig ready to road in AM 5:30SDFN - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg,

breaking, inspecting, and green doping every connection w/ 41 more jts 2-7/8 j-55 tbg 8:40-8:55 wait for trailer ld 35 jts, 5-1/2 tac, 1 jt, sn, 2 jts, nc. 10:00 Tih w/ 2-3/8" wlenry guide, 2-3/8 xn nipple w/ 1.875 profile, 2-3/8 tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 141 jts 2-7/8"j-55 tbg , 12:00 pump 20 bw down tbg drop sv psi test tbg to 1,500 psi w/ 15 bw 12:35-1:15 psi test tbg -good test- ru and rih w/ sand line retrieve sv pooh and rd sand line mix 20 gall pkr fluid w/ 60 bbls fresh water pump 30 bbls down csg nd bop set pkr @ 4,638' for 15,000# tension, sn @ 4,631', xn nipple @ 4,646' eot @ 4,648', 33' above top perf nu injection tree land tbg fill csg w/ 25 more bbls well head leaking @ csg ndwh tighten up wh on csg nuwh psi test csg to 1,500 psi @ 3:00-4:15 -good test rd rig ready to road in AM 5:30SDFN **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$27,143

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**10/21/2013 Day: 3**

**Conversion**

Rigless on 10/21/2013 - Conduct initial MIT - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$52,855

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

# ASHLEY FEDERAL 10-15-9-15

Spud Date: 8-25-2004  
 Put on Production: 10/18/04  
 GL: 6320' KB: 6332'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.91')  
 DEPTH LANDED: 304.91' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

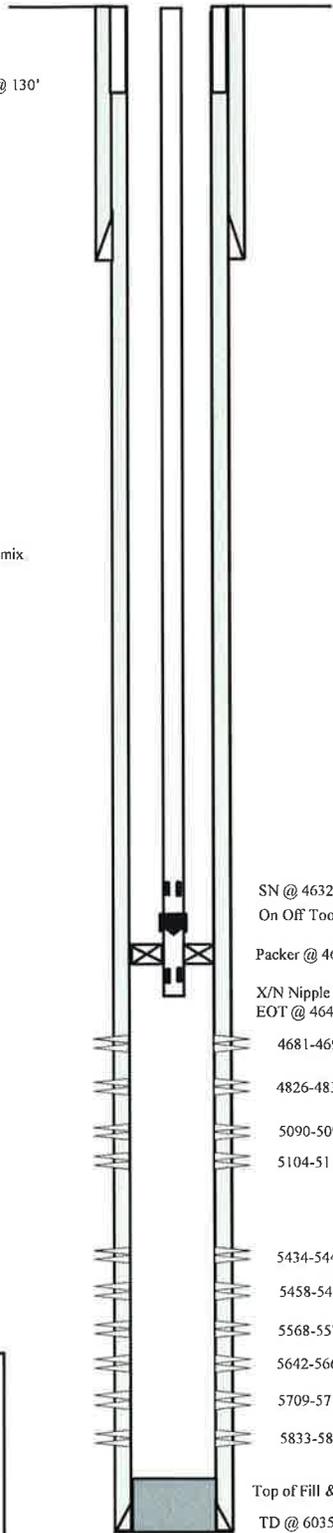
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6030.64')  
 DEPTH LANDED: 6028.64' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix  
 CEMENT TOP AT: 130'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4620')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4632' KB  
 ON/OFF TOOL AT: 4633.1'  
 ARROW #1 PACKER CE AT: 4638.2'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4641.8'  
 TBG PUP 2-3/8 J-55 AT: 4642.3'  
 X/N NIPPLE AT: 4646.4'  
 TOTAL STRING LENGTH: EOT @ 4648.01'

Cement Top @ 130'



### FRAC JOB

10/11/04	5833-5839'	<b>Frac CP4 sands as follows:</b> 11,595# 20/40 sand in 219 bbls Lightning Frac 17 fluid. Treated @ avg press of 2607 psi w/avg rate of 24.5 BPM. Screened out.
10/12/04	5642-5714'	<b>Frac CP3 &amp; 2 sands as follows:</b> 47,085# 20/40 sand in 449 bbls Lightning Frac 17 fluid. Treated @ avg press of 1509 psi w/avg rate of 24.6 BPM. ISIP 1800 psi. Calc flush: 5640 gal. Actual flush: 5683 gal.
10/13/04	5568-5575'	<b>Frac CP stray sands as follows:</b> 14,202# 20/40 sand in 246 bbls lightning Frac 17 fluid. Treated @ avg press of 2185 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5566 gal. Actual flush: 5607 gal.
10/13/04	5434-5477'	<b>Frac LODC sands as follows:</b> 175,819# 20/40 sand in 1160 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2800 psi. Calc flush: 5432 gal. Actual flush: 5431 gal.
10/13/04	5090-5114'	<b>Frac A1 &amp; A3 sands as follows:</b> 58,742# 20/40 sand in 481 bbls Lightning Frac 17 fluid. Treated @ avg press of 1449 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5088 gal. Actual flush: 5099 gal.
10/13/04	4826-4834'	<b>Frac C sands as follows:</b> 18,639# 20/40 sand in 263 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4824 gal. Actual flush: 4864 gal.
10/13/04	4681-4692'	<b>Frac D1 sands as follows:</b> 61,420# 20/40 sand in 465 bbls Lightning Frac 17 fluid. Treated @ avg press of 2004 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4679 gal. Actual flush: 4595 gal.
10/16/13		<b>Convert to Injection Well</b>
10/18/13		<b>Conversion MIT Finalized</b> - update tbg detail

### PERFORATION RECORD

10/07/04	5833-5839'	4 JSPF 24holes
10/12/04	5709-5714'	4 JSPF 20holes
10/12/04	5642-5662'	4 JSPF 80holes
10/12/04	5568-5575'	4 JSPF 28holes
10/13/04	5458-5477'	4 JSPF 76holes
10/13/04	5434-5444'	4 JSPF 40holes
10/13/04	5104-5114'	4 JSPF 40holes
10/13/04	5090-5096'	4 JSPF 24holes
10/13/04	4826-4834'	4 JSPF 32holes
10/13/04	4861-4692'	4 JSPF 44holes

**NEWFIELD**

**Ashley Federal 10-15-9-15**  
 1785' FSL & 1957' FEL  
 NW/SE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32471; Lease #UTU-66184

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66184
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 10-15-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013324710000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1785 FSL 1957 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 15 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/7/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on  
11/07/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 12, 2013**

<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> 11/11/2013	

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

June 4, 2013

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

RECEIVED

JUN 05 2013

DIV. OF OIL, GAS & MINING

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

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-15-9-15 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,

Eric Sundberg  
Environmental Manager

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #10-15-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66184**  
**JUNE 4, 2013**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #10-15-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #H-15-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #I-15-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY #K-15-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY #L-15-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY #M-15-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #Q-15-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY FEDERAL #R-15-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY FEDERAL #6-15-9-15
ATTACHMENT E-9	WELLBORE DIAGRAM – ASHLEY FEDERAL #7-15-9-15
ATTACHMENT E-10	WELLBORE DIAGRAM – ASHLEY FEDERAL #8-15-9-15
ATTACHMENT E-11	WELLBORE DIAGRAM – ASHLEY FEDERAL #9-15-9-15
ATTACHMENT E-12	WELLBORE DIAGRAM – ASHLEY FEDERAL #11-15-9-15
ATTACHMENT E-13	WELLBORE DIAGRAM – ASHLEY FEDERAL #13-15-9-15
ATTACHMENT E-14	WELLBORE DIAGRAM – ASHLEY FEDERAL #14-15-9-15
ATTACHMENT E-15	WELLBORE DIAGRAM – ASHLEY FEDERAL #15-15-9-15
ATTACHMENT E-16	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-15-9-15
ATTACHMENT E-17	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-14-9-15
ATTACHMENT E-18	WELLBORE DIAGRAM – ASHLEY #C-22-9-15
ATTACHMENT E-19	WELLBORE DIAGRAM – ASHLEY #D-22-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 10/8/04 – 10/19/04
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# ASHLEY FEDERAL 10-15-9-15

Spud Date: 8-25-2004  
 Put on Production: 10/18/04  
 GL: 6320' KB: 6332'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.91')  
 DEPTH LANDED: 304.91' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

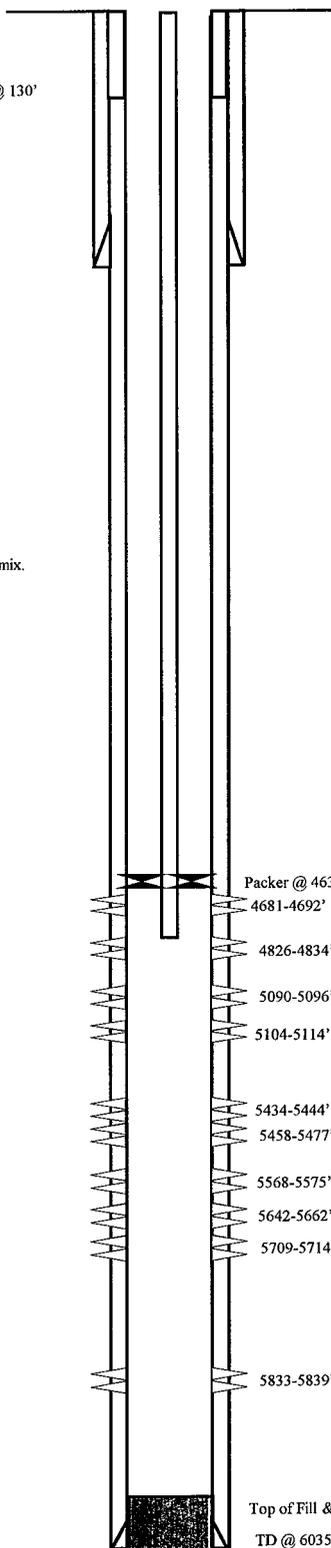
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6030.64')  
 DEPTH LANDED: 6028.64' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 130'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5759.57')  
 TUBING ANCHOR: 5771.57' KB  
 NO. OF JOINTS: 1 jts (32.62')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5806.99' KB  
 NO. OF JOINTS: 2 jts (65.20')  
 TOTAL STRING LENGTH: BOT @ 5873.74' w/ 12' KB

Cement Top @ 130'



### FRAC JOB

10/11/04	5833-5839'	<b>Frac CP4 sands as follows:</b> 11,595#'s 20/40 sand in 219 bbls Lightning Frac 17 fluid. Treated @ avg press of 2607 psi w/avg rate of 24.5 BPM. Screened out.
10/12/04	5642-5714'	<b>Frac CP3 &amp; 2 sands as follows:</b> 47,085#'s 20/40 sand in 449 bbls Lightning Frac 17 fluid. Treated @ avg press of 1509 psi w/avg rate of 24.6 BPM. ISIP 1800 psi. Calc flush: 5640 gal. Actual flush: 5683 gal.
10/13/04	5568-5575'	<b>Frac CP stray sands as follows:</b> 14,202#'s 20/40 sand in 246 bbls lightning Frac 17 fluid. Treated @ avg press of 2185 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5566 gal. Actual flush: 5607 gal.
10/13/04	5434-5477'	<b>Frac LODC sands as follows:</b> 175,819#'s 20/40 sand in 1160 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2800 psi. Calc flush: 5432 gal. Actual flush: 5431 gal.
10/13/04	5090-5114'	<b>Frac A1 &amp; A3 sands as follows:</b> 58,742#'s 20/40 sand in 481 bbls Lightning Frac 17 fluid. Treated @ avg press of 1449 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5088 gal. Actual flush: 5099 gal.
10/13/04	4826-4834'	<b>Frac C sands as follows:</b> 18,639#'s 20/40 sand in 263 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4824 gal. Actual flush: 4864 gal.
10/13/04	4681-4692'	<b>Frac D1 sands as follows:</b> 61,420#'s 20/40 sand in 465 bbls Lightning Frac 17 fluid. Treated @ avg press of 2004 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4679 gal. Actual flush: 4595 gal.

### PERFORATION RECORD

10/07/04	5833-5839'	4 JSPF 24holes
10/12/04	5709-5714'	4 JSPF 20holes
10/12/04	5642-5662'	4 JSPF 80holes
10/12/04	5568-5575'	4 JSPF 28holes
10/13/04	5458-5477'	4 JSPF 76holes
10/13/04	5434-5444'	4 JSPF 40holes
10/13/04	5104-5114'	4 JSPF 40holes
10/13/04	5090-5096'	4 JSPF 24holes
10/13/04	4826-4834'	4 JSPF 32holes
10/13/04	4681-4692'	4 JSPF 44holes

**NEWFIELD**

**Ashley Federal 10-15-9-15**  
 1785' FSL & 1957' FEL  
 NW/SE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32471; Lease #UTU-66184

## **WORK PROCEDURE FOR INJECTION CONVERSION**

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

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

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

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

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

Approval is requested to convert the Ashley Federal #10-15-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #10-15-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3977' - 5982'). 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 3637' and the TD is at 6035'.

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

The referenced log for the Ashley Federal #10-15-9-15 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 305' KB, and 5-1/2", 15.5# casing run from surface to 6029' 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 1763 psig.

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

The minimum fracture gradient for the Ashley Federal #10-15-9-15, for existing perforations (4681' - 5714') calculates at 0.75 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 1763 psig. We may add additional perforations between 3637' and 6035'. See Attachments G and G-1.

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

In the Ashley Federal #10-15-9-15, the proposed injection zone (3977' - 5982') 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-19.

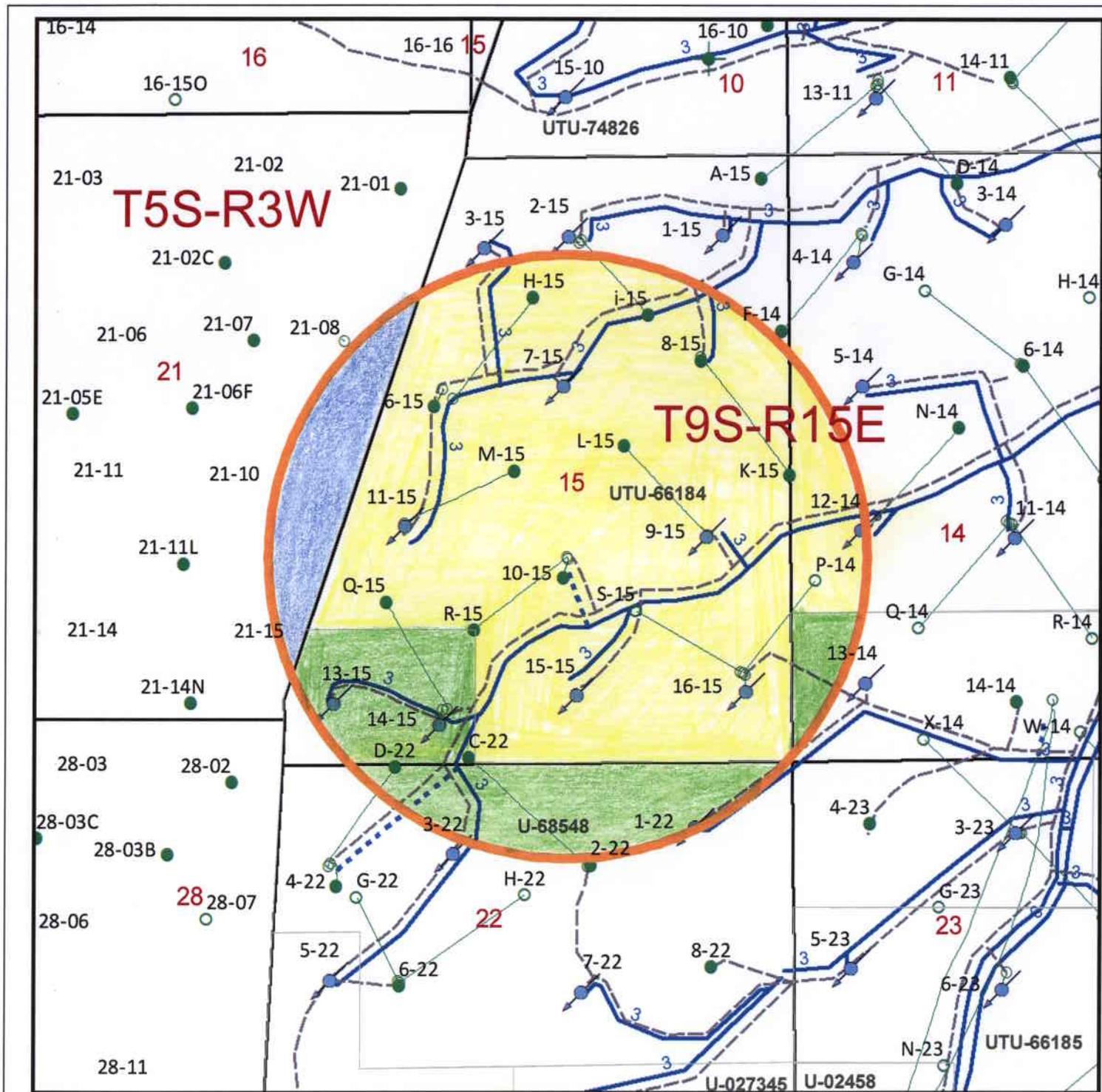
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**2.11 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.



**WellStatus\_HalfMile\_Buffer**

**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**

**Injection system**

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

**Leases**

**Mining tracts**

UTU-66184

UTU-68548

TRIBAL

Ashley Federal 10-15  
Section 15, T9S-R15E

**NEWFIELD**

ROCKY MOUNTAINS 1 in = 1,250 feet

**1/2 Mile Radius Map**

Duchesne & Uintah Counties

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

March 27, 2013



**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R15E SLM Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: E2, Lots 1-3	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T5S-R3W USM Section 21: ALL	Ute Indian Tribe HBP	Petroglyph Operating Company	Ute Indian Tribe

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

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

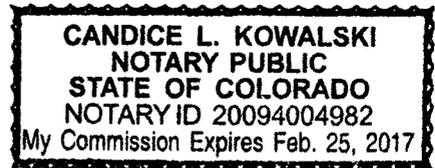
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Environmental Manager

Sworn to and subscribed before me this 4<sup>th</sup> day of June, 2013.

Notary Public in and for the State of Colorado: Candice L. Kowalski

My Commission Expires: My Commission Expires Feb. 25, 2017



## ASHLEY FEDERAL 10-15-9-15

Spud Date: 8-25-2004  
 Put on Production: 10/18/04  
 GL: 6320' KB: 6332'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.91')  
 DEPTH LANDED: 304.91' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

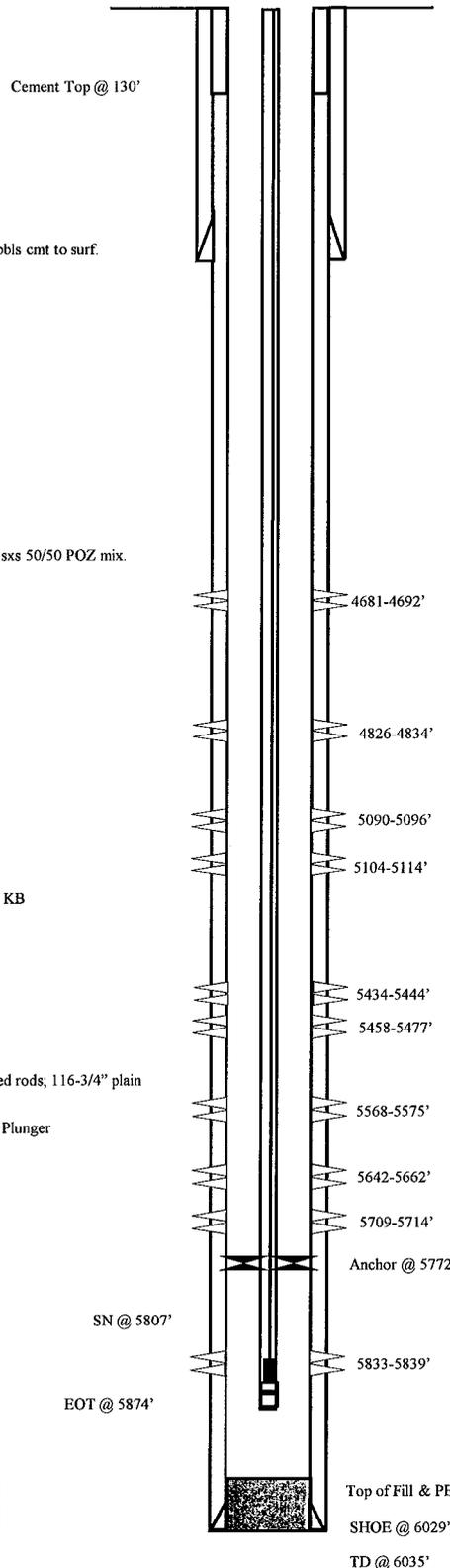
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6030.64')  
 DEPTH LANDED: 6028.64' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 130'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5759.57')  
 TUBING ANCHOR: 5771.57' KB  
 NO. OF JOINTS: 1 jts (32.62')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5806.99' KB  
 NO. OF JOINTS: 2 jts (65.20')  
 TOTAL STRING LENGTH: EOT @ 5873.74' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-6' x 3/4" pony rod, 100-3/4" scraped rods; 116-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16" RHAC pump w/ SM Plunger  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL



### FRAC JOB

10/11/04	5833-5839'	<b>Frac CP4 sands as follows:</b> 11,595#'s 20/40 sand in 219 bbls Lightning Frac 17 fluid. Treated @ avg press of 2607 psi w/avg rate of 24.5 BPM. Screened out.
10/12/04	5642-5714'	<b>Frac CP3 &amp; 2 sands as follows:</b> 47,085# 20/40 sand in 449 bbls Lightning Frac 17 fluid. Treated @ avg press of 1509 psi w/avg rate of 24.6 BPM. ISIP 1800 psi. Calc flush: 5640 gal. Actual flush: 5683 gal.
10/13/04	5568-5575'	<b>Frac CP stray sands as follows:</b> 14,202# 20/40 sand in 246 bbls Lightning Frac 17 fluid. Treated @ avg press of 2185 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5566 gal. Actual flush: 5607 gal.
10/13/04	5434-5477'	<b>Frac LODC sands as follows:</b> 175,819# 20/40 sand in 1160 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2800 psi. Calc flush: 5432 gal. Actual flush: 5431 gal.
10/13/04	5090-5114'	<b>Frac A1 &amp; A3 sands as follows:</b> 58,742# 20/40 sand in 481 bbls Lightning Frac 17 fluid. Treated @ avg press of 1449 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5088 gal. Actual flush: 5099 gal.
10/13/04	4826-4834'	<b>Frac C sands as follows:</b> 18,639# 20/40 sand in 263 bbls Lightning Frac 17 fluid. Treated @ avg press of 2281 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4824 gal. Actual flush: 4864 gal.
10/13/04	4681-4692'	<b>Frac D1 sands as follows:</b> 61,420# 20/40 sand in 465 bbls Lightning Frac 17 fluid. Treated @ avg press of 2004 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4679 gal. Actual flush: 4595 gal.

### PERFORATION RECORD

10/07/04	5833-5839'	4 JSPF 24holes
10/12/04	5709-5714'	4 JSPF 20holes
10/12/04	5642-5662'	4 JSPF 80holes
10/12/04	5568-5575'	4 JSPF 28holes
10/13/04	5458-5477'	4 JSPF 76holes
10/13/04	5434-5444'	4 JSPF 40holes
10/13/04	5104-5114'	4 JSPF 40holes
10/13/04	5090-5096'	4 JSPF 24holes
10/13/04	4826-4834'	4 JSPF 32holes
10/13/04	4861-4692'	4 JSPF 44holes

**NEWFIELD**

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**Ashley Federal 10-15-9-15**  
 1785' FSL & 1957' FEL  
 NW/SE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32471; Lease #UTU-66184

## Ashley Fed H-15-9-15

Spud Date: 7-28-10  
 Put on Production: 8-30-10  
 GL: 5732 ' KB: 5744 '

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8jts (345.55')  
 DEPTH LANDED: 356.55'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 3 bbls to surf.

#### PRODUCTION CASING

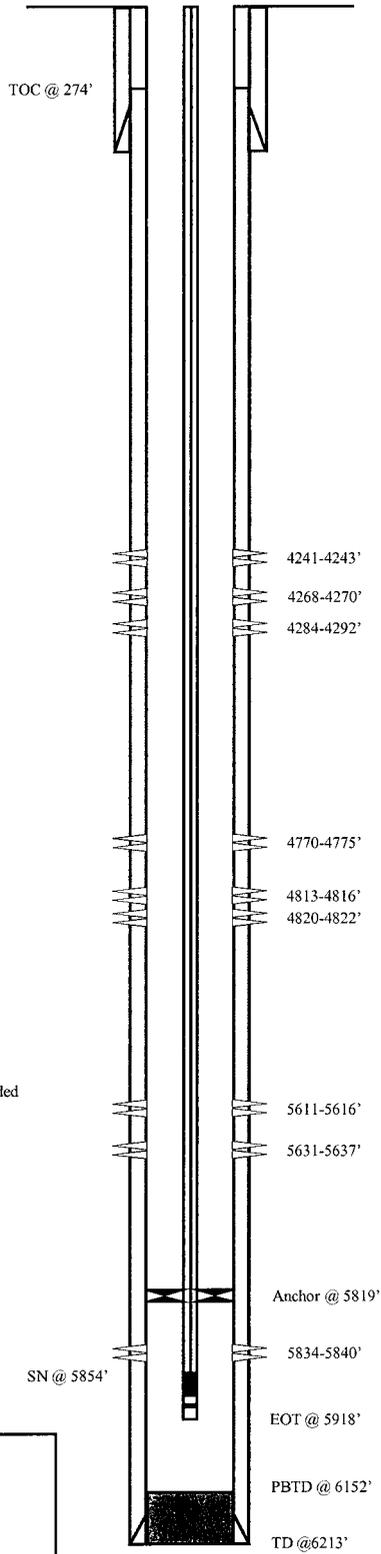
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6202.13')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED : 6199.13'  
 CEMENT DATA: 250sxs Premlite II & 400sxs 50/50 POZ.  
 CEMENT TOP: 274' per CBL 8/16/10

#### TUBING (KS 8/27/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 (5806.4')  
 TUBING ANCHOR: 5819.4'  
 NO. OF JOINTS: 1jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5853.6'  
 NO. OF JOINTS: 2 jts (62.8')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 5918'

#### SUCKER RODS (KS 8/27/10)

POLISHED ROD: 1-1/2" x 30' Polished Rod  
 SUCKER RODS: 2', 4', 8' x 7/8" Pony Rods, 229 x 7/8" 8per Guided Rods, 4 x 1-1/2" Sinker Bars  
 PUMP SIZE: 2-1/2" x 1-3/4" x 17" x 24" RHAC  
 STROKE LENGTH: 146"  
 PUMP SPEED, SPM: 4.5  
 PUMPING UNIT: DARCO C-640-365-168a



#### FRAC JOB

- 8-23-10 5834-5840' Frac CP2 sands as follows: Frac with 15649# 20/40 sand in 99 bbls Lightning 17 fluid.
- 8-23-10 5611-5637' Frac LODC sands as follows: Frac with 24986# 20/40 sand in 146 bbls Lightning fluid,...
- 8-23-10 4770-4816' Frac D1, D2 sands as follows: Frac with 35833# 20/40 sand in 169bbls Lightning 17 fluid.
- 8-23-10 4241-4292' Frac GB6 sands as follows: Frac with 74056# 20/40 sand in 318 bbls Lightning 17 fluid.

#### PERFORATION RECORD

Depth Range	Number of JSPF	Number of Holes
5834-5840'	3 JSPF	18 holes
5631-5637'	3 JSPF	18 holes
5611-5616'	3 JSPF	15 holes
4820-4822'	3 JSPF	6 holes
4813-4816'	3 JSPF	9 holes
4770-4775'	3 JSPF	15 holes
4284-4292'	3 JSPF	24 holes
4268-4270'	3 JSPF	6 holes
4241-4243'	3 JSPF	6 holes



**Ashley Fed H-15-9-15**  
 SL: 2098 'FNL & 583 FWL (SE/SW)  
 Section 15, T9S, R15E  
 Duchesne Co, Utah  
 API # 43-013-33987; Lease # UTU-66184

## Ashley Federal I-15-9-15

Spud Date: 11/14/09  
 Put on Production: 12/29/09  
 GL: 6201' KB: 6213'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.59')  
 DEPTH LANDED: 319.59'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 4 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6149.11')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6147.11'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 0' per CBL 12/14/09

### TUBING (GI 2/8/12)

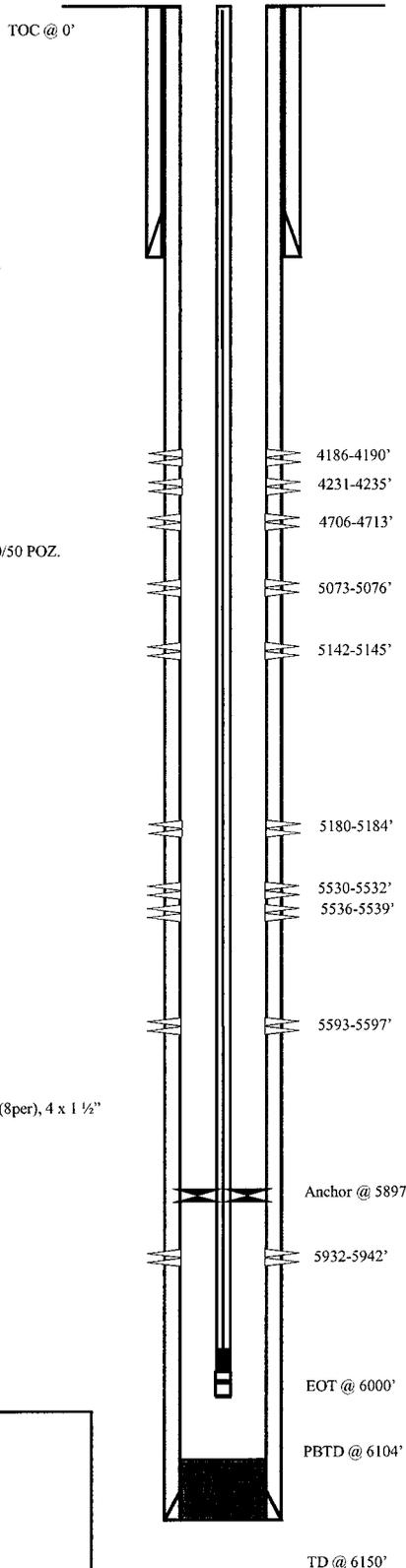
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 181 jts (5885.4')  
 TUBING ANCHOR: 5897.4'  
 BLEED NIPPLE: 2-7/8" (0.7')  
 NO. OF JOINTS: 1 jts (32.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5933.3' KB  
 NO. OF JOINTS: 2 jts (64.9')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 6000'

### SUCKER RODS (GI 2/8/12)

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 7/8" 2' Pony Rod, 232 x 7/8" Guided Rods(8per), 4 x 1 1/2" Sinker Bars, 1" x 4' Stabilizer Rod.  
 PUMP SIZE: 2-1/2 x 1-1/4" x 20' x 24' RHAC  
 STROKE LENGTH: 146"  
 PUMP SPEED, SPM: 5  
 PUMPING UNIT: DARCO C-640-365-168

### FRAC JOB

12/30/09	5932-5942'	<b>Frac CP5 sands as follows:</b> Frac with 70212# 20/40 sand in 428 bbls Lightning 17 fluid.
12/30/09	5530-5597'	<b>Frac CP stray &amp; LODC sands as follows:</b> Frac with 74284# 20/40 sand in 606 bbls Lightning 17 fluid.
12/30/09	5073-5184'	<b>Frac A1 &amp; A.5 sands as follows:</b> Frac with 99347# 20/40 sand in 603 bbls Lightning 17 fluid.
12/30/09	4706-4713'	<b>Frac D1 sands as follows:</b> Frac with 30181# 20/40 sand in 244 bbls Lightning 17 fluid.
12/30/09	4186-4190'	<b>Frac GB4 &amp; GB6 sands as follows:</b> Frac with 29271# 20/40 sand in 209 bbls Lightning 17 fluid.
9/14/2010		Pump Change. Update rod and tubing details.
12/30/10		Pump Change. Rod & tubing updated
07/01/11		Parted Rods. Rods & tubing updated.
02/10/11		Parted Rods. Updated rod and tubing detail



### PERFORATION RECORD

5932-5942'	3 JSPF	30 holes
5593-5597'	3 JSPF	12 holes
5536-5539'	3 JSPF	9 holes
5530-5532'	3 JSPF	6 holes
5180-5184'	3 JSPF	12 holes
5142-5145'	3 JSPF	9 holes
5073-5076'	3 JSPF	9 holes
4706-4713'	3 JSPF	21 holes
4231-4235'	3 JSPF	12 holes
4186-4190'	3 JSPF	12 holes

**NEWFIELD**



**Ashley Federal I-15-9-15**  
 704' FNL & 1809' FEL  
 NW/NW Section 15-T9S-R15E  
 Duchesne Co, Utah

API # 43-013-33941; Lease # UTU-66184

## Ashley K-15-9-15

Spud Date: 11/6/09  
 Put on Production: 12/23/09  
 GL: 6256' KB: 6268'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.38')  
 DEPTH LANDED: 320.23'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

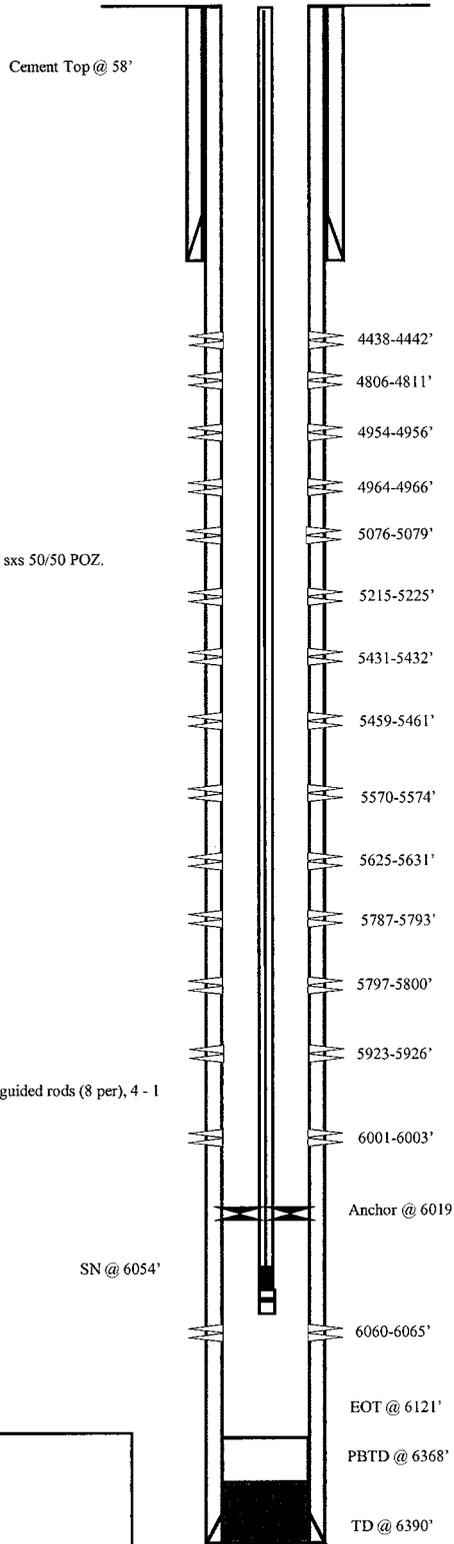
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6355.94')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6389.19'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 58'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (6007.2')  
 TUBING ANCHOR: 6019.2'  
 NO. OF JOINTS: 1 jts (32.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6054.4' KB  
 NO. OF JOINTS: 2 jts (65.00')  
 TOTAL STRING LENGTH: EOT @ 6121'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2', 6' x 7/8" pony rod, 237 - 7/8" guided rods (8 per), 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

12/23/09	5923-6065'	Frac CP3, CP4 & CP5 sands as follows: Frac with 24,815# 20/40 sand in 219 bbls Lightning 17 fluid.
12/23/09	5793-5800'	Frac CP1 sands as follows: Frac with 25,489# 20/40 sand in 215 bbls Lightning 17 fluid.
12/23/09	5641-5631'	Frac LODC sands as follows: Frac with 151,364# 20/40 sand in 974 bbls Lightning 17 fluid.
12/23/09	5215-5225'	Frac A1 sands as follows: Frac with 85,395# 20/40 sand in 525 bbls Lightning 17 fluid.
12/23/09	4654-5079'	Frac B2 & C sands as follows: Frac 35,464# 20/40 sand in 235 bbls Lightning 17 fluid.
12/23/09	4806-4811'	Frac D1 sands as follows: Frac 14,512# 20/40 sand in 125 bbls Lightning 17 fluid.
12/23/09	4438-4442'	Frac PB8 sands as follows: Frac 11,180# 20/40 sand in 95 bbls Lightning 17 fluid.
06/08/10		Pump Change. Tubing & Rods Updated.

### PERFORATION RECORD

6060'-6065'	3 JSPF	15 holes
6001'-6003'	3 JSPF	6 holes
5923'-5926'	3 JSPF	9 holes
5797'-5800'	3 JSPF	9 holes
5787'-5793'	3 JSPF	18 holes
5625'-5631'	3 JSPF	18 holes
5570'-5574'	3 JSPF	12 holes
5459'-5461'	3 JSPF	6 holes
5431'-5432'	3 JSPF	3 holes
5215'-5225'	3 JSPF	30 holes
5076'-5079'	3 JSPF	9 holes
4964'-4966'	3 JSPF	6 holes
4954'-4956'	3 JSPF	6 holes
4806'-4811'	3 JSPF	15 holes
4438'-4442'	3 JSPF	12 holes

**NEWFIELD**



**Ashley K-15-9-15**  
 1720' FNL & 762' FWL  
 SE/NE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-33940; Lease # UTU-66184

## Ashley L-15-9-15

Wellbore Diagram

Spud Date: 5/15/2009  
Put on Production: 7/2/2009

GL: 6331' KB: 6343'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (312')  
DEPTH LANDED: 324' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 163 jts (6210')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6223.30'  
CEMENT DATA: 277 sx Prem. Lite and 401 sx 50/50 poz  
CEMENT TOP AT: 120'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 195 jts (6014')  
TUBING ANCHOR: 6026' KB  
NO. OF JOINTS: 1 jts (31.4')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6060' KB  
NO. OF JOINTS: 1 jts (30.8')  
TOTAL STRING LENGTH: EOT @ 6093'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
SUCKER RODS: 1 - 2' x 7/8"; 1 - 8' x 7/8" pony rods, 237 - 7/8" guided rods (8 per), 4 - 1 1/2" weight rods.  
PUMP SIZE: 2 1/2 x 1 3/4 x 17' x 24' RHAC  
STROKE LENGTH: 144"  
PUMP SPEED, SPM: 45 ?????

### FRAC JOB

07-02-09 6054-6074' **Frac CP5 sands as follows:**  
Frac with 55,729# 20/40 sand in 347 bbls of Lightning 17 fluid.

07-02-09 5910-5916' **Frac CP3 sands as follows:**  
Frac with 14,780# 20/40 sand in 127 bbls of Lightning 17 fluid.

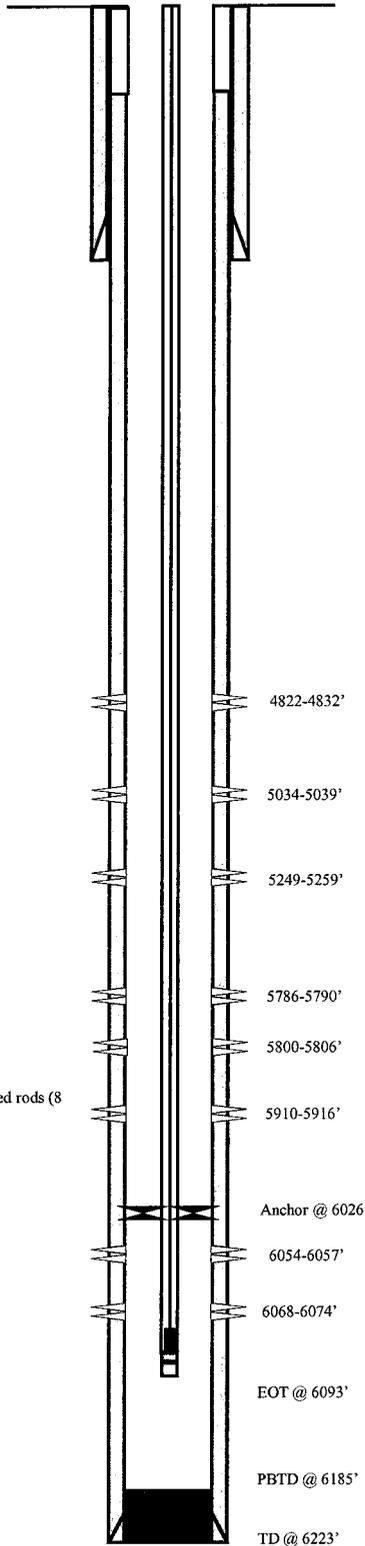
07-02-09 5786-5806' **Frac CP1 sands as follows:**  
Frac with 75,614# 20/40 sand in 466 bbls of Lightning 17 fluid.

07-02-09 5249-5259' **Frac A3 sands as follows:**  
Frac with 80,634# 20/40 sand in 484 bbls of Lightning 17 fluid.

07-02-09 5034-5039' **Frac B.5 sands as follows:**  
Frac with 15,215# 20/40 sand in 126 bbls of Lightning 17 fluid.

07-02-09 4822-4832' **Frac D1 sands as follows:**  
Frac with 91,098# 20/40 sand in 551 bbls of Lightning 17 fluid.

09-14-11 Pump Change.



### PERFORATION RECORD

6068-6074'	3 JSPF	18 holes
6054-6057'	3 JSPF	9 holes
5910-5916'	3 JSPF	18 holes
5800-5806'	3 JSPF	18 holes
5786-5790'	3 JSPF	12 holes
5249-5259'	3 JSPF	30 holes
5034-5039'	3 JSPF	15 holes
4822-4832'	3 JSPF	30 holes

**NEWFIELD**

**Ashley L-15-9-15**

1973' FSL & 717' FEL

NE/SE Section 15-T9S-R15E

Duchesne Co, Utah

API # 43-013-33962; Lease # UTU-66184

## Ashley M-15-9-15

Spud Date: 5/9/2009  
 Put on Production: 6/17/2009  
 GL: 6288' KB: 6300'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (313.41')  
 DEPTH LANDED: 325.26' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'G' cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 167 jts (6142.24')  
 DEPTH LANDED: 6155.49  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Prem Lite II and 450 sx 50/50 poz  
 CEMENT TOP AT: 78'

#### TUBING

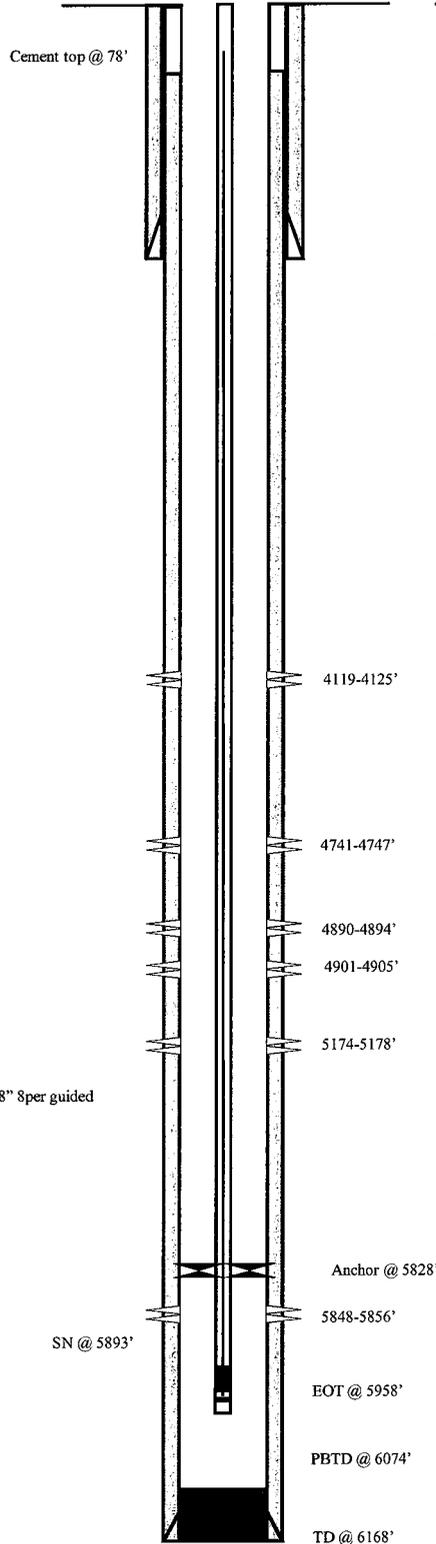
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5815.7')  
 TUBING ANCHOR: 5827.7' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5893.3' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 5958'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
 SUCKER RODS: 1 - 4' x 7/8", 1 - 8' x 7/8" pony rods, 230 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20" RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED, SPM: 5

#### FRAC JOB

6-18-2009	5848-5856'	<b>Frac CP3 sands as follows:</b> Frac with 15,101# 20/40 sand in 128 bbls of Lightning 17 fluid.
6-18-2009	5174-5178'	<b>Frac A1 sands as follows:</b> Frac with 14,733# 20/40 sand in 125 bbls of Lightning 17 fluid.
6-18-2009	4890-4905'	<b>Frac C sands as follows:</b> Frac with 65,656# 20/40 sand in 400 bbls of Lightning 17 fluid.
6-18-2009	4741-4747'	<b>Frac D1 sands as follows:</b> Frac with 35,806# 20/40 sand in 230 bbls of Lightning 17 fluid.
6-18-2009	4119-4125'	<b>Frac GB2 sands as follows:</b> Frac with 14,044# 20/40 sand in 122 bbls of Lightning 17 fluid.



#### PERFORATION RECORD

5848-5856'	4 JSPF	32 holes
5174-5178'	3 JSPF	12 holes
4901-4905'	3 JSPF	12 holes
4890-4894'	3 JSPF	12 holes
4741-4747'	3 JSPF	18 holes
4119-4125'	3 JSPF	18 holes



**Ashley M-15-9-15**  
 2107' FSL & 552' FWL  
 NE/SW Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-33961; Lease # UTU-66184

## Ashley Federal Q-15-9-15

Spud Date: 12/17/2009  
 Put on Production: 01/25/2010  
 GL: 6394' KB: 6406'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts (309.85')  
 DEPTH LANDED: 319.85'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160sxs Class "G" cmt, circ 5bbls to surf.

### PRODUCTION CASING

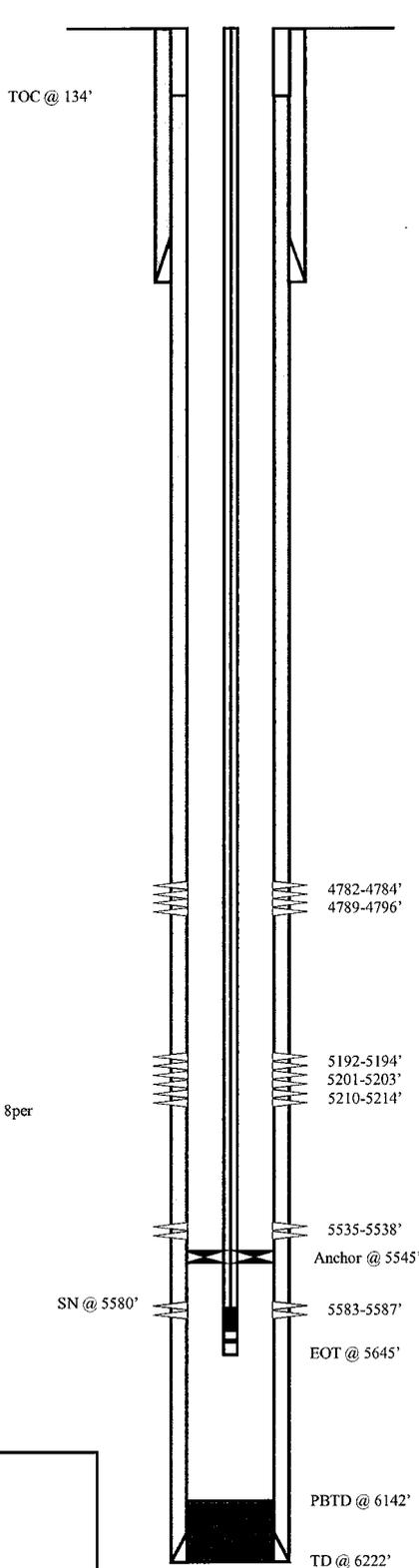
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151jts (6185.38')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6183.38'  
 CEMENT DATA: 250sxs Premlite II & 400sxs 50/50 POZ.  
 CEMENT TOP AT: 134' per CBL 1/15/10

### TUBING (KS 8/17/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176jts (5533')  
 TUBING ANCHOR: 5545.0'  
 NO. OF JOINTS: 1jts (32.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5580.3'  
 NO. OF JOINTS: 2jts (63.2')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 5645'

### SUCKER RODS (KS 8/17/11)

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 3 x 4', 6', 8' x 7/8" Pony Rods, 218 x 7/8" 8per Guided Rods, 4 x 1-1/2" Sinker Bars  
 PUMP SIZE: 2-1/2" x 1-1/4" x 20' x 24' RHAC  
 STROKE LENGTH: 146  
 PUMP SPEED, SPM: 6.0  
 PUMPING UNIT: DARCO C-640-365-168



### FRAC JOB

01-25-10 5535-5587' **Frac LODC sands as follows:** Frac with 50434# 20/40 sand in 310 bbls Lightning 17 fluid.  
 01-25-10 5192-5210' **Frac A1 sands as follows:** Frac with 100190# 20/40 sand in 602 bbls Lightning 17 fluid.  
 01-25-10 478-4796' **Frac D1 sands as follows:** Frac with 36821# 20/40 sand in 248 bbls Lightning 17 fluid.  
 8/23/2011 **Pump Change.** Rod & tubing detail updated.

### PERFORATION RECORD

5583-5587'	3 JSFP	12 holes
5535-5538'	3 JSFP	9 holes
5210-5214'	3 JSFP	12 holes
5201-5203'	3 JSFP	6 holes
5192-5194'	3 JSFP	6 holes
4789-4796'	3 JSFP	21 holes
4782-4784'	3 JSFP	6 holes

**NEWFIELD**

**Ashley Federal Q-15-9-15**  
 471' FSL & 1455' FWL (SE/SW)  
 Section 15, T9S, R15E  
 Duchesne Co, Utah  
 API # 43-013-33986; Lease # UTU-68548

## Ashley Federal R-15-9-15

Spud Date: 12/15/2009  
 Put on Production: 01/20/2010  
 GL: 6326' KB: 6338'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (370.88')  
 DEPTH LANDED: 319.73'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

#### PRODUCTION CASING

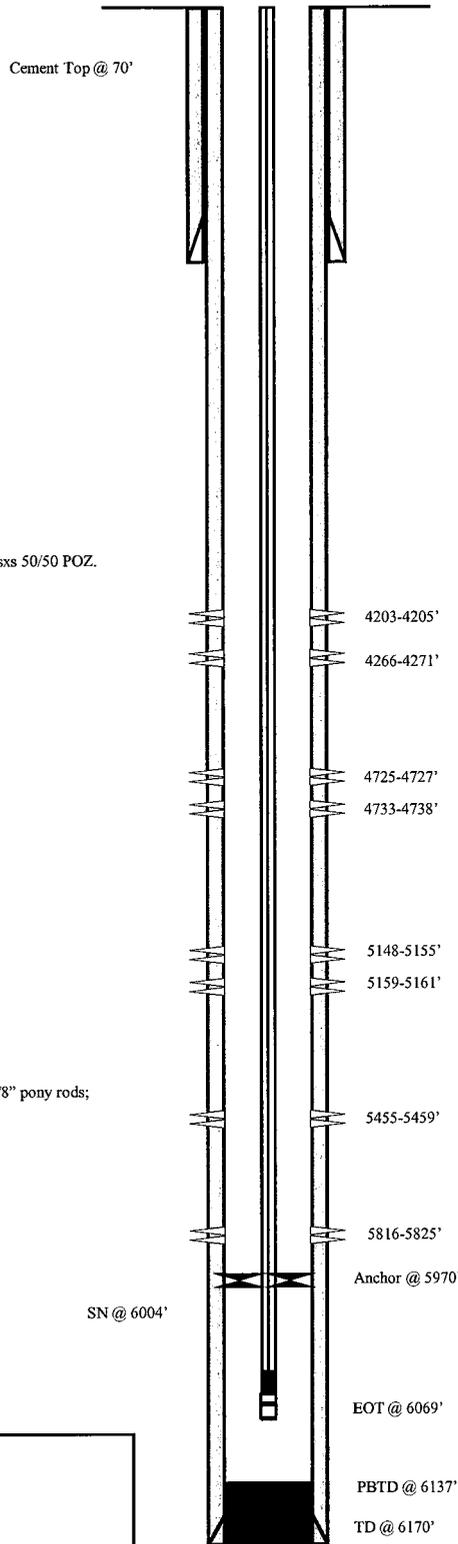
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (6150.37')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6163.62'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 70'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts (5957.8')  
 TUBING ANCHOR: 5969.8'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6004.1' KB  
 NO. OF JOINTS: 2 jts (63')  
 TOTAL STRING LENGTH: EOT @ 6069'

#### 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;  
 227 - 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: 230  
 PUMP SPEED: SPM 5



#### FRAC JOB

01-20-10	5816-5825'	<b>Frac CP3 sands as follows:</b> Frac with 10545# 20/40 sand in 63 bbls Lightning 17 fluid.
01-20-10	5455-5459'	<b>Frac LODC sands as follows:</b> Frac with 10390# 20/40 sand in 63 bbls Lightning 17 fluid.
01-20-10	5148-5161'	<b>Frac A1 sands as follows:</b> Frac with 41085# 20/40 sand in 188 bbls Lightning 17 fluid.
01-20-10	4725-4738'	<b>Frac D1 sands as follows:</b> Frac with 35236# 20/40 sand in 161 bbls Lightning 17 fluid.
01-20-10	4203-4271'	<b>Frac GB4 &amp; GB6 sands as follows:</b> Frac with 44402# 20/40 sand in 195 bbls Lightning 17 fluid.

#### PERFORATION RECORD

5816-5825'	3 JSPF	27 holes
5455-5459'	3 JSPF	12 holes
5159-5161'	3 JSPF	6 holes
5148-5155'	3 JSPF	21 holes
4733-4738'	3 JSPF	15 holes
4725-4727'	3 JSPF	6 holes
4266-4271'	3 JSPF	15 holes
4203-4205'	3 JSPF	6 holes

**NEWFIELD**



**Ashley Federal R-15-9-15**  
 1794' FSL & 1965' FEL (NW/SE)  
 Section 15, T9S, R15E  
 Duchesne Co, Utah  
 API # 43-013-33975; Lease # UTU-68248

# Ashley Federal 6-15-9-15

Spud Date: 1/22/04  
 Put on Production: 2/27/04  
 GL: 6229' KB: 6241'

Initial Production: 111 BOPD,  
 160 MCFD, 29 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (306.03')  
 DEPTH LANDED: 316.03'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs class G cmt, est 3 bbls cmt to pit.

**PRODUCTION CASING**

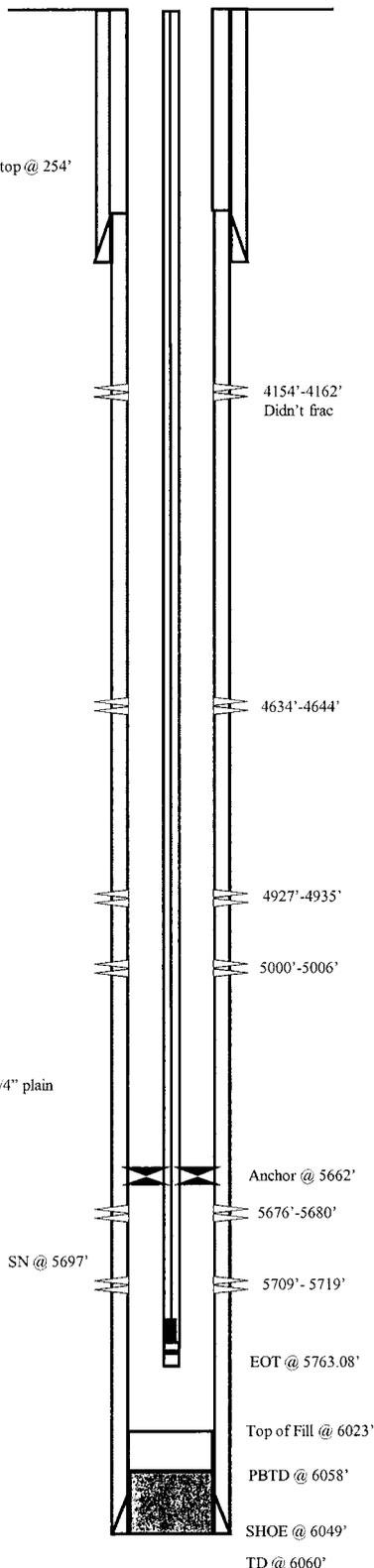
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6050.73')  
 DEPTH LANDED: 6049.23'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 425 sxs Premlite II and 450 sxs 50/50 POZ  
 CEMENT TOP AT: 254'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 159 jts (5649.54')  
 TUBING ANCHOR: 5662.04' KB  
 NO. OF JOINTS: 1 jt (32.28')  
 SN LANDED AT: 5697.07' KB  
 NO. OF JOINTS: 2 jts (64.51')  
 TOTAL STRING LENGTH: 5763.08'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars, 10-3/4" scraped rods, 113-3/4" plain rods, 99-3/4" scraped rods, 2-2', 1-4', 1-6', 1-8' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15.5' RHAC  
 STROKE LENGTH: 72"  
 PUMP SPEED, SPM: 6 SPM



**FRAC JOB**

02/23/04	5676'-5719'	<b>Frac CP2 sands as follows:</b> 48,618# 20/40 sand in 440 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1870 psi w/avg rate of 24.7 BPM. ISIP-2080. Calc. flush: 5674 gals. Actual flush: 5712 gals.
02/23/04	5000'-5006'	<b>Frac A.5 sands as follows:</b> 18,281# 20/40 sand in 238 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2440 psi w/avg rate of 14.4 BPM. ISIP-3120. Calc. flush: 4998 gals. Actual flush: 5040 gals.
02/23/04	4927'-4935'	<b>Frac B2 sands as follows:</b> 38,392# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg pressure of 3588 psi w/avg rate of 24.4 BPM. ISIP-2040. Calc. flush: 4925 gals. Actual flush: 4956 gals.
02/23/04	4634'-4644'	<b>Frac D1 sands as follows:</b> 141,163# 20/40 sand in 946 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1900 psi w/avg rate of 24.6 BPM. ISIP-2280. Calc. flush: 4632 gals. Actual flush: 4662 gals.

**PERFORATION RECORD**

02/20/04	5709'-5719'	4 JSPF	40 holes
02/20/04	5676'-5680'	4 JSPF	16 holes
02/23/04	5000'-5006'	4 JSPF	24 holes
02/23/04	4927'-4935'	4 JSPF	32 holes
02/23/04	4634'-4644'	4 JSPF	40 holes
02/23/04	4154'-4162'	4 JSPF	32 holes



**Ashley Federal 6-15-9-15**  
 2130' FNL & 586' FWL  
 SENW Section 15-T9S-R15E  
 Duchesne County, Utah  
 API #43-013-32404; Lease #UTU-73520X/UTU-66184

# Ashley Federal #7-15-9-15

Spud Date: 10/20/03  
 Put on Production: 12/12/03  
 GL: 6245' KB: 6257'

Initial Production: 74 BOPD,  
 75 MCFD, 25 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.63')  
 DEPTH LANDED: 313.63'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

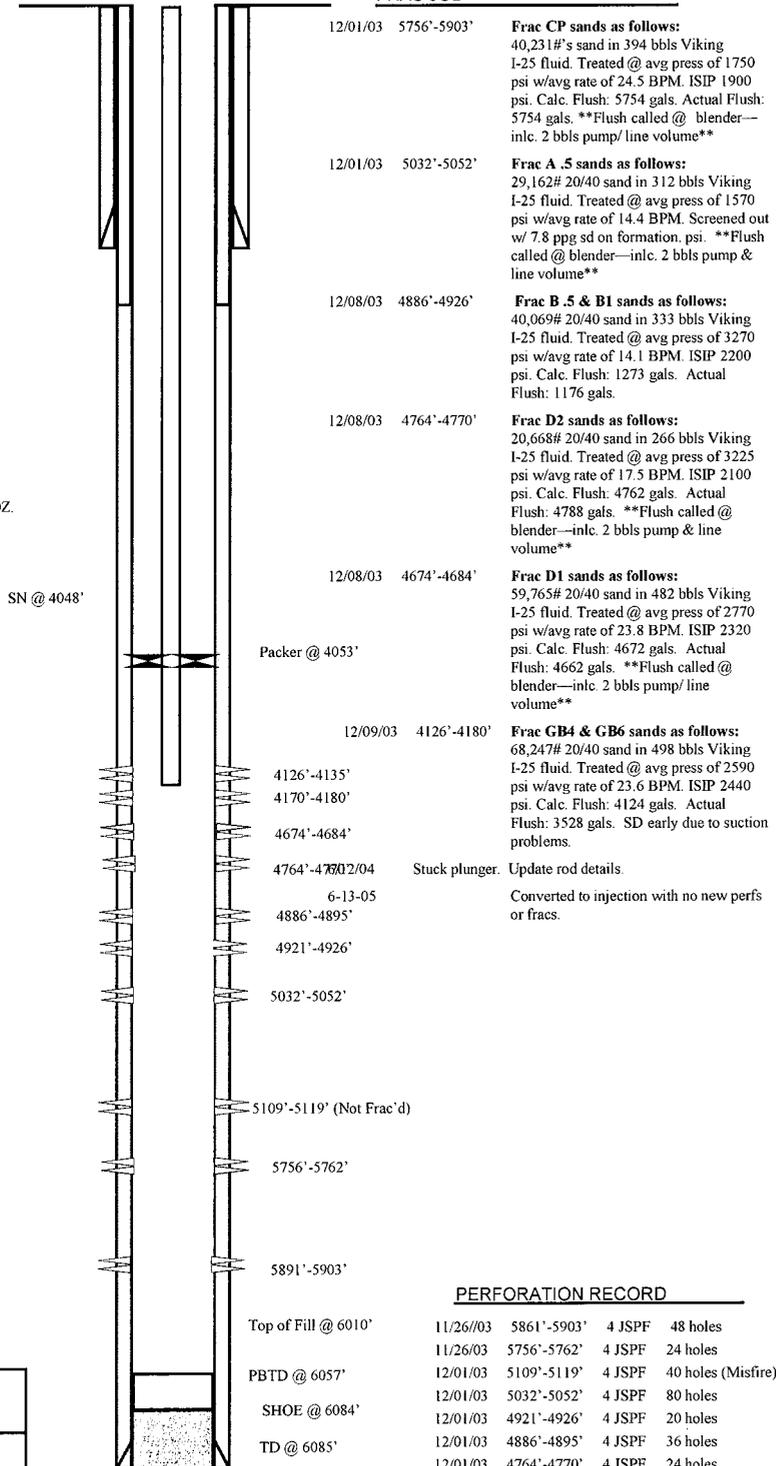
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (6085.91') KB  
 DEPTH LANDED: 6083.91'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 460'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 125 jts (4036.44')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4048.44'  
 TOTAL STRING LENGTH: EOT @ 4056.94'

### FRAC JOB



### PERFORATION RECORD

Date	Depth	Perforation Type	Holes
11/26/03	5861'-5903'	4 JSPF	48 holes
11/26/03	5756'-5762'	4 JSPF	24 holes
12/01/03	5109'-5119'	4 JSPF	40 holes (Misfire)
12/01/03	5032'-5052'	4 JSPF	80 holes
12/01/03	4921'-4926'	4 JSPF	20 holes
12/01/03	4886'-4895'	4 JSPF	36 holes
12/01/03	4764'-4770'	4 JSPF	24 holes
12/08/03	4674'-4684'	4 JSPF	40 holes
12/09/03	4170'-4180'	2 JSPF	20 holes
12/09/03	4126'-4135'	2 JSPF	18 holes

**NEWFIELD**

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**Ashley Federal #7-15-9-15**

1980' FNL & 1980' FEL  
 SW/NE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32405; Lease #UTU-66184

## Ashley Federal 8-15-9-15

Spud Date: 1/27/04  
 Put on Production: 9/2/04  
 GL: 6251' KB: ~~6283'~~ 6263'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (295.17')  
 DEPTH LANDED: 316.02' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 7 bbls cmt to surf.

#### PRODUCTION CASING

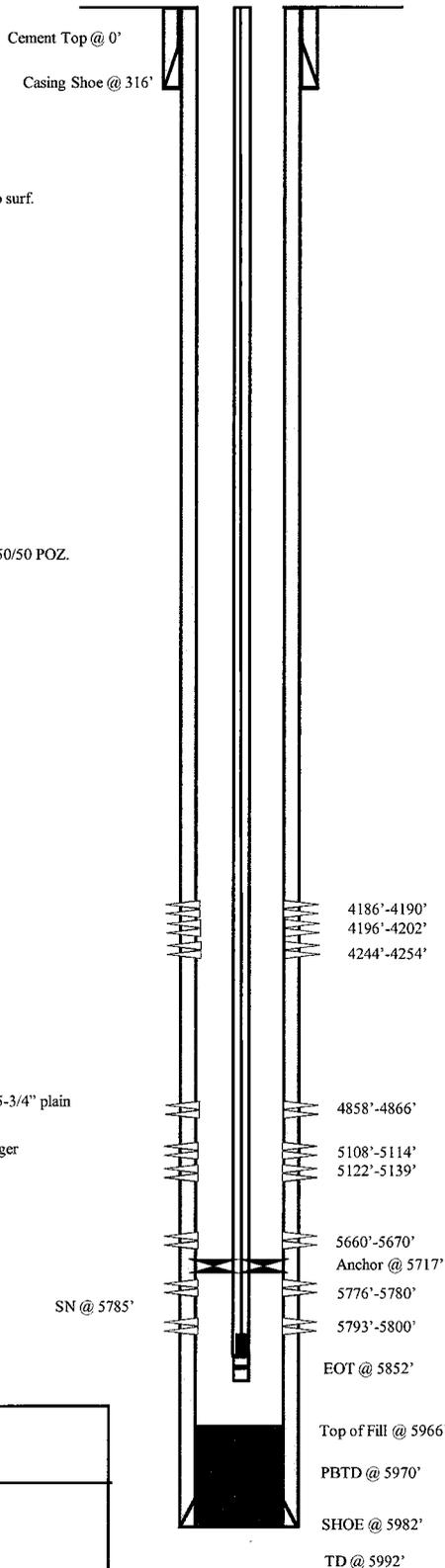
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5986.5')  
 DEPTH LANDED: 5982.1' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 0'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5705.26')  
 TUBING ANCHOR: 5717.26' KB  
 NO. OF JOINTS: 2 jts (65.14')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5785.20' KB  
 NO. OF JOINTS: 2 jts (65.14')  
 TOTAL STRING LENGTH: EOT @ 5851.89' W/12' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 6-1 1/2" weight bars; 70-3/4" scraped rods; 55-3/4" plain rods, 99-3/4" scraped rods, 6", 2-2", 2-4 x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2" RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



#### FRAC JOB

8/25/04	5776'-5800'	<b>Frac CP3 sands as follows:</b> 19,306# 20/40 sand in 268 bbls Lightning Frac 17 fluid. Treated @ avg press of 2225 psi w/avg rate of 24.7 BPM. ISIP 2275 psi. Calc flush: 5774 gal. Actual flush: 5775 gal.
8/25/04	5660'-5670'	<b>Frac CP 1 sands as follows:</b> 59,588# 20/40 sand in 495 bbls Lightning Frac 17 fluid. Treated @ avg press of 1890 psi w/avg rate of 24.9 BPM. ISIP 2125 psi. Calc flush: 5658 gal. Actual flush: 5657 gal.
8/31/04	4858'-4866'	<b>Frac C sands as follows:</b> 15,525# 20/40 sand in 217 bbls Lightning Frac 17 fluid. Treated @ avg press of 2370 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4856 gal. Actual flush: 4855 gal.
8/31/04	4186'-4254'	<b>Frac GB4 and 6 sands as follows:</b> 66,213# 20/40 sand in 477 bbls Lightning Frac 17 fluid. Treated @ avg press of 2095 psi w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc flush: 4184 gal. Actual flush: 3360 gal.
10/27/04	5108'-5139'	<b>Frac A1 and 3 sands as follows:</b> 79,678# 20/40 sand in 629 bbls Lightning Frac 17 fluid. Treated @ avg press of 3709 psi w/avg rate of 14.8 BPM. ISIP 2370 psi. Calc flush: 1384 gal. Actual flush: 1176 gal.
01/28/05		Tubing Leak.
06/29/05		Pump Change
10/07/05		Tubing Leak. Detailed tubing and rod update.

#### PERFORATION RECORD

8/25/04	5793'-5800'	4 JSPF	28 holes
8/25/04	5776'-5780'	4 JSPF	16 holes
8/31/04	5660'-5670'	4 JSPF	40 holes
8/31/04	4858'-4866'	4 JSPF	32 holes
8/31/04	4244'-4254'	4 JSPF	40 holes
8/31/04	4196'-4202'	4 JSPF	32 holes
8/31/04	4186'-4190'	4 JSPF	16 holes
10/27/04	5122'-5139'	4 JSPF	68 holes
10/27/04	5108'-5114'	4 JSPF	24 holes



**Ashley Federal 8-15-9-15**  
 1755 FNL & 767 FEL  
 SE/NE Sec. 15, T9S R17E  
 Duchesne, County  
 API# 43-013-32406; Lease# UTU-66184

## Ashley Federal 9-15-9-15

Spud Date: 9/1/04  
 Put on Production: 10/21/04  
 GL: 6333' KB: 6345'

Initial Production: BOPD,  
 MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (291.45')  
 DEPTH LANDED: 301.45' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

Cement Top @ 204'

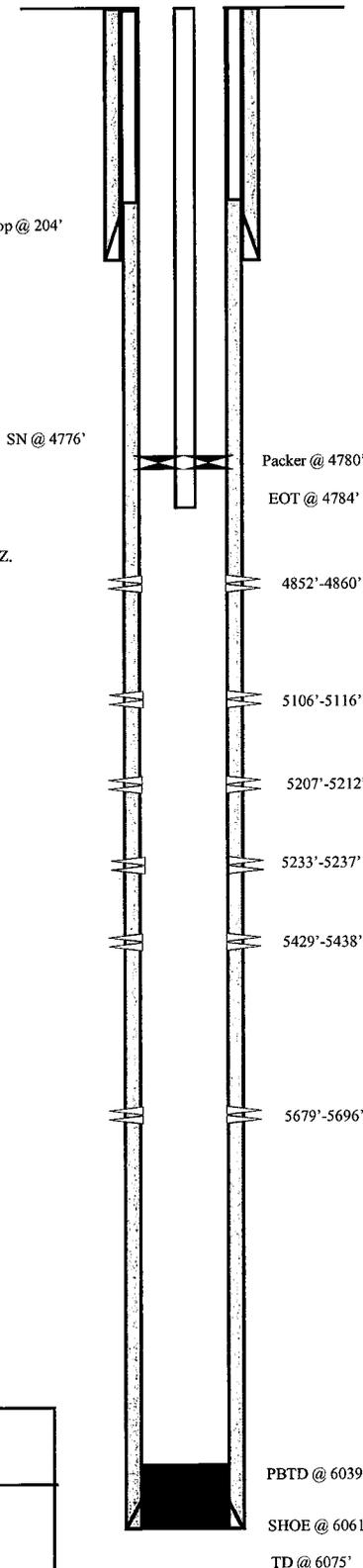
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6062.66')  
 DEPTH LANDED: 6060.66' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 204'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 147 jts (4763.87')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4775.87' KB  
 TOTAL STRING LENGTH: EOT @ 4783.84' w/12' KB

### Injection Wellbore Diagram



### FRAC JOB

10/15/04	5679'-5696'	<b>Frac CPI sands as follows:</b> 49,476# 20/40 sand in 439 bbls Lightning Frac 17 fluid. Treated @ avg press of 1610 psi w/avg rate of 24.3 BPM. ISIP 1900 psi. Calc flush: 5677 gal. Actual flush: 5678 gal.
10/15/04	5429'-5438'	<b>Frac LODC sands as follows:</b> 24,868# 20/40 sand in 289 bbls Lightning Frac 17 fluid. Treated @ avg press of 2100 psi w/avg rate of 24.3 BPM. ISIP 2200 psi. Calc flush: 5427 gal. Actual flush: 5426 gal.
10/15/04	5207'-5237'	<b>Frac LODC sands as follows:</b> 24,608# 20/40 sand in 286 bbls Lightning Frac 17 fluid. Treated @ avg press of 2210 psi w/avg rate of 24.3 BPM. ISIP 2600 psi. Calc flush: 5205 gal. Actual flush: 5246 gal.
10/15/04	5106'-5116'	<b>Frac A1 sands as follows:</b> 59,423# 20/40 sand in 479 bbls Lightning Frac 17 fluid. Treated @ avg press of 1935 psi w/avg rate of 24.3 BPM. ISIP 2250 psi. Calc flush: 5104 gal. Actual flush: 5103 gal.
10/15/04	4852'-4860'	<b>Frac C sands as follows:</b> 27,330# 20/40 sand in 286 bbls Lightning Frac 17 fluid. Treated @ avg press of 1900 psi w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc flush: 4850 gal. Actual flush: 4851 gal.
4/28/06		<b>Well converted to an injection well.</b>
5/12/06		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

10/12/04	5679'-5696'	4 JSPF	68 holes
10/12/04	5429'-5438'	4 JSPF	36 holes
10/12/04	5233'-5237'	4 JSPF	16 holes
10/12/04	5207'-5212'	4 JSPF	20 holes
10/12/04	5106'-5116'	4 JSPF	40 holes
10/12/04	4852'-4860'	4 JSPF	32 holes



**Ashley Federal 9-15-9-15**  
 1958 FSL & 728 FEL  
 NE/SE Sec. 15, T9S R15E  
 Duchesne, County  
 API# 43-013-32470; Lease# UTU-66184

## Ashley Federal 11-15-9-15

Spud Date: 6/14/04  
 Put on Production: 9/8/2004  
 GL: 6290' KB: 6302'

Initial Production: BOPD,  
 MCFD, BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.15')  
 DEPTH LANDED: 319.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 2.5 bbls cmt to surf.

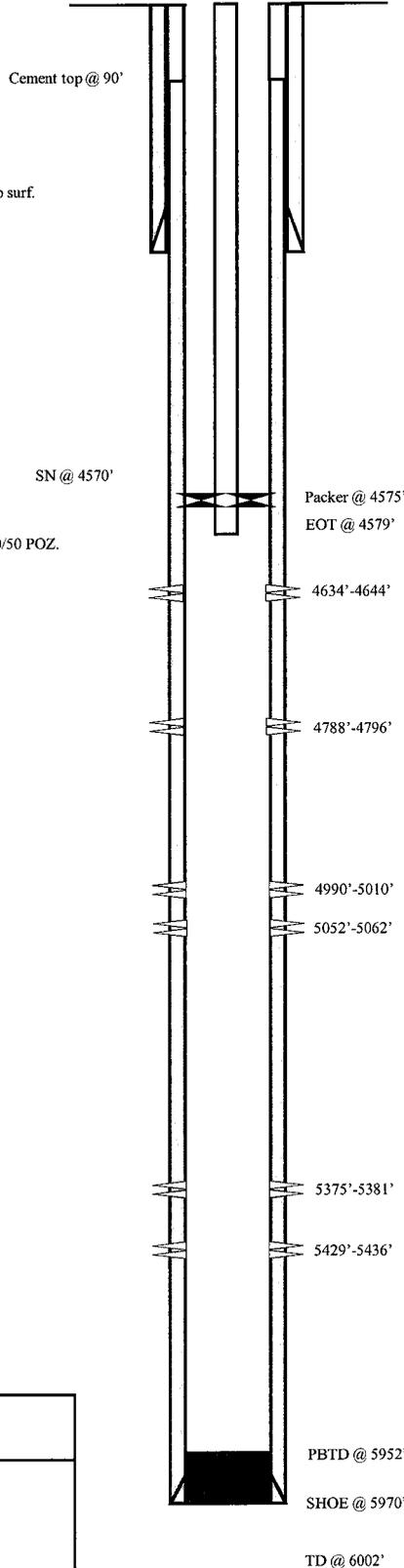
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5974.12')  
 DEPTH LANDED: 5970.12' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 90'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 140 jts (4558.46')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4570.46'  
 TOTAL STRING LENGTH: EOT @ 4578.56'

**Injection Wellbore  
 Diagram**



**FRAC JOB**

9/01/04 5375'-5436'  9/01/04 4990'-5062'  9/02/04 4788'-4796'  9/02/04 4634'-4644'  11/11/05 5/15/06 5/23/06 9-24-07	<p><b>Frac L ODC sands as follows:</b>                  35,147# 20/40 sand in 352 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi w/avg rate of 24.7 BPM. ISIP 2475 psi. Calc flush: 5373 gal. Actual flush: 5371 gal.</p> <p><b>Frac A1 and A.5 sands as follows:</b>                  109,747# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1920 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4988 gal. Actual flush: 4990 gal.</p> <p><b>Frac C sands as follows:</b>                  28,945# 20/40 sand in 306 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 24.7 BPM. ISIP 2280 psi. Calc flush: 4786 gal. Actual flush: 4830 gal.</p> <p><b>Frac D1 sands as follows:</b>                  44,047# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2109 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4632 gal. Actual flush: 4549 gal.</p> <p>Pump change. Update rod and tubing details</p> <p><b>Well converted to an Injection well.</b></p> <p><b>MIT completed and submitted.</b></p> <p>Tubing leak. Updated rod &amp; tubing details.</p>
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**PERFORATION RECORD**

8/30/04	5429'-5436'	4 JSPF	28 holes
8/30/04	5375'-5381'	4 JSPF	24 holes
9/01/04	5052'-5062'	4 JSPF	40 holes
9/01/04	4990'-5010'	4 JSPF	80 holes
9/01/04	4788'-4796'	4 JSPF	32 holes
9/01/04	4634'-4644'	4 JSPF	40 holes

**Ashley Federal 11-15-9-15**  
 2082' FSL & 567' FWL  
 NE/SW Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32472; Lease #UTU-66184

## Ashley Federal 13-15-9-15

Spud Date: 7/07/04  
 Put on Production: 9/30/04  
 GL: 6381' KB: 6393'

Initial Production: BOPD,  
 MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

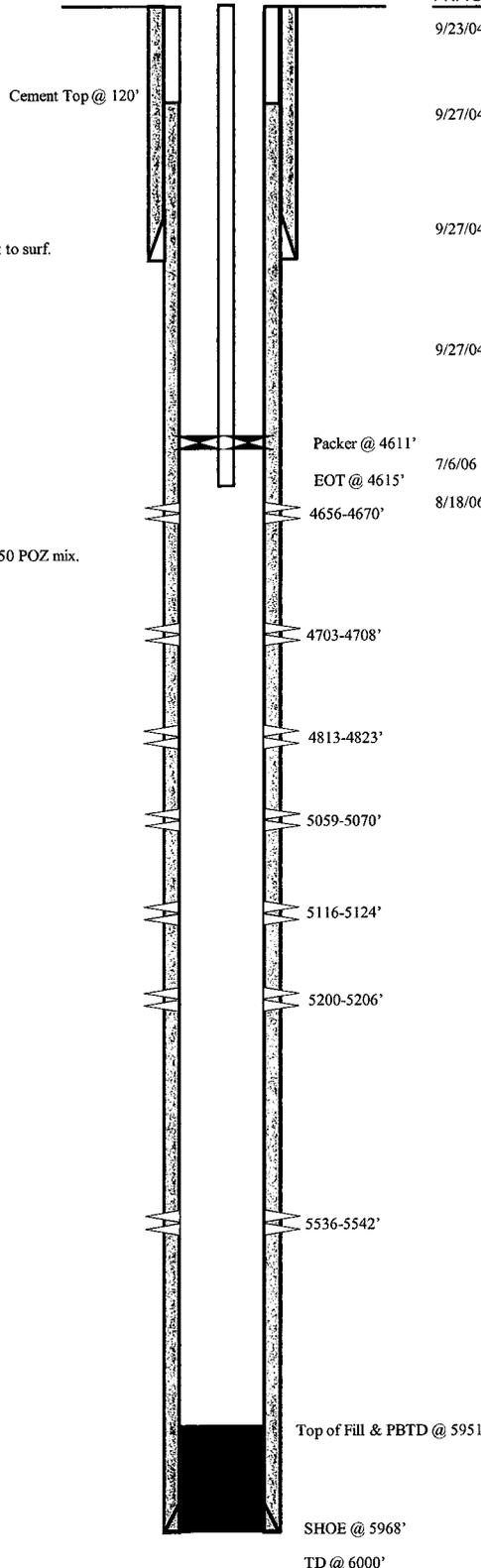
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.15')  
 DEPTH LANDED: 322.15' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5972.35')  
 DEPTH LANDED: 5967.95' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 120'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 149 jts (4594.54')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4606.54' KB  
 TOTAL STRING LENGTH: EOT @ 4615.14' w/ 12' KB



#### FRAC JOB

9/23/04	5536-5542'	<b>Frac CP Stray sands as follows:</b> 19,181#s 20/40 sand in 210 bbls Lightning Frac 17 fluid. Treated @ avg press of 2139 psi w/avg rate of 25 BPM. Screened out.
9/27/04	5059-5206'	<b>Frac LODC, A3 &amp; A1 sands as follows:</b> 84,620# 20/40 sand in 634 bbls Lightning Frac 17 fluid. Treated @ avg press of 1680 psi w/avg rate of 24.6 BPM. ISIP 2250 psi. Calc flush: 5057 gal. Actual flush: 5057 gal.
9/27/04	4813-4823'	<b>Frac C sands as follows:</b> 34,882# 20/40 sand in 342 bbls Lightning Frac 17 fluid. Treated @ avg press of 1940 psi w/avg rate of 24.5 BPM. ISIP 2150 psi. Calc flush: 4811 gal. Actual flush: 4851 gal
9/27/04	4656-4708'	<b>Frac D1 &amp; D2 sands as follows:</b> 63,071# 20/40 sand in 496 bbls lightning Frac 17 fluid. Treated @ avg press of 1975 psi w/avg rate of 24.6 BPM. ISIP 2400 psi. Calc flush: 4654 gal. Actual flush: 4570 gal.
7/6/06		<b>Well converted to an Injection well.</b>
8/18/06		<b>MIT completed and submitted.</b>

#### PERFORATION RECORD

9/17/04	5536-5542'	4 JSPF	24 holes
9/24/04	5200-5206'	4 JSPF	24 holes
9/24/04	5116-5124'	4 JSPF	32 holes
9/24/04	5059-5070'	4 JSPF	44 holes
9/27/04	4813-4823'	4 JSPF	40 holes
9/27/04	4703-4708'	4 JSPF	20 holes
9/27/04	4656-4670'	4 JSPF	56 holes



**Ashley Federal 13-15-9-15**  
 530' FSL & 444' FWL  
 SW/SW Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32441; Lease #UTU-68548

## Ashley Federal 14-15-9-15

Spud Date: 8/23/2004  
 Put on Production: 10/06/2004  
 GL: 6391' KB: 6403'

### Injection Wellbore Diagram

#### SURFACE CASING

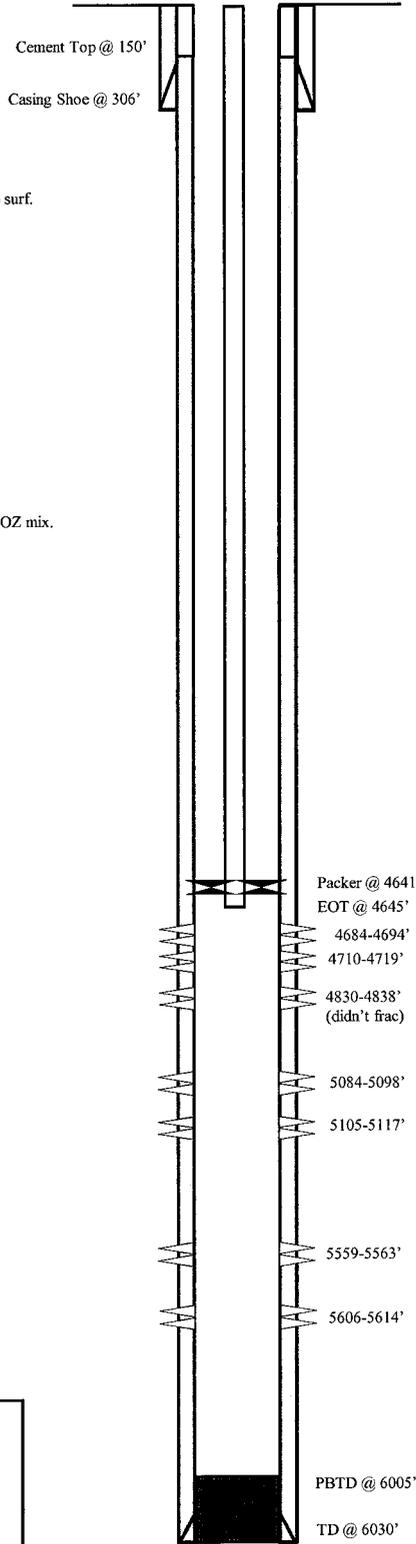
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (295.84')  
 DEPTH LANDED: 305.84' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (6022.12')  
 DEPTH LANDED: 6020.12' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 150'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 142 jts (4624.5')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4636.5' KB  
 CE @ 4640.90'  
 TOTAL STRING LENGTH: EOT @ 4645' w/ 12' KB



#### FRAC JOB

09/30/04 5559-5614'  10/01/04 5084-5117'  09/27/04 4684-4719'  12/16/2010 3/18/11 3/22/11	<p><b>Frac CP1 and CP stray sands as follows:</b>                  40,404# 20/40 sand in 390 bbls lightning Frac 17 fluid. Treated @ avg press of 1975 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 5557 gal. Actual flush: 5552 gal.</p> <p><b>Frac A1, A3 sands as follows:</b>                  135,492# 20/40 sand in 928 bbls lightning Frac 17 fluid. Treated @ avg press of 2040 psi w/avg rate of 30.9 BPM. ISIP 2500 psi. Calc flush: 5082 gal. Actual flush: 5082 gal.</p> <p><b>Frac D1 and D2 sands as follows:</b>                  81,058# 20/40 sand in 591 bbls lightning Frac 17 fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 4682 gal. Actual flush: 4599 gal.</p> <p><b>Pump Change.</b> Updte rod and tubing details.</p> <p><b>Convert to Injection well</b></p> <p><b>Conversion MIT Finalized</b> – update tbg detail</p>
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#### PERFORATION RECORD

Date	Interval	JSPF	Holes
9/22/04	5606-5614'	4 JSPF	32 holes
9/22/04	5559-5563'	4 JSPF	16 holes
10/1/04	5105-5117'	4 JSPF	48 holes
10/1/04	5084-5098'	4 JSPF	56 holes
10/1/04	4830-4838'	4 JSPF	32 holes
10/1/04	4710-4719'	4 JSPF	36 holes
10/1/04	4684-4694'	4 JSPF	40 holes

**NEWFIELD**

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

465' FSL 1409' FWL

SE/SW Section 15-T9S-R15E

Duchesne Co., Utah

API# 43-013-32440; Lease # UTU-68548

## Ashley Federal 15-15-9-15

Spud Date: 8/27/04  
 Put on Production: 10/12/04  
 GL: 6314' KB: 6326'

Initial Production: BOPD,  
 MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (297.69')  
 DEPTH LANDED: 307.69' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 6 bbls cmt to surf.

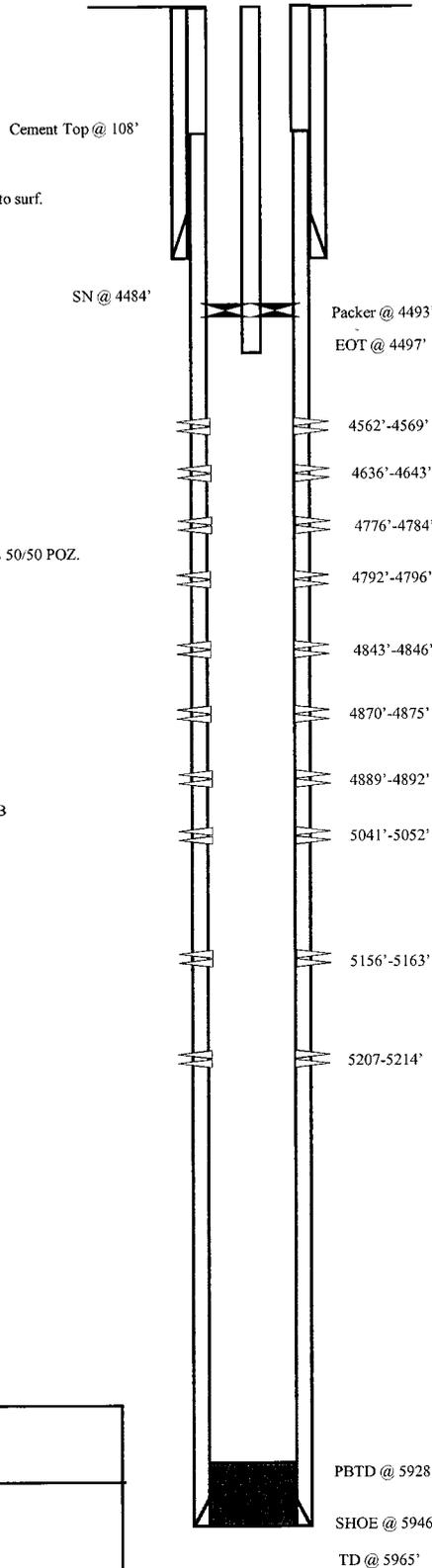
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5948.24')  
 DEPTH LANDED: 5946.24' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 108'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 138 jts (4476.53')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4483.53' KB  
 TOTAL STRING LENGTH: EOT @ 4496.60' W/12 'KB

### Injection Wellbore Diagram



### FRAC JOB

10/05/04 5156'-5214'  10/07/04 5041'-5052'  10/07/04 4776'-4892'  10/07/04 4636'-4643'  10/07/04 4562'-4569'  12/10/04  10/26/05  5/2/06  5/12/06	<p><b>Frac LODC sands as follows:</b>                  30,186# 20/40 sand in 319 bbls Lightning                  Frac 17 fluid. Treated @ avg press of 2815 psi                  w/avg rate of 24.3 BPM. ISIP 2850 psi. Calc                  flush: 5205 gal. Actual flush: 5195 gal.</p> <p><b>Frac A1 sands as follows:</b>                  70,250# 20/40 sand in 544 bbls Lightning                  Frac 17 fluid. Treated @ avg press of 1800 psi                  w/avg rate of 24.4 BPM. ISIP 2500 psi. Calc                  flush: 5039 gal. Actual flush: 5082 gal.</p> <p><b>Frac B1, B.5 and C sands as follows:</b>                  94,971# 20/40 sand in 683 bbls Lightning                  Frac 17 fluid. Treated @ avg press of 2060 psi                  w/avg rate of 24.4 BPM. ISIP 2350 psi. Calc                  flush: 4774 gal. Actual flush: 4817 gal.</p> <p><b>Frac D1 sands as follows:</b>                  19,838# 20/40 sand in 214 bbls Lightning                  Frac 17 fluid. Treated @ avg press of 2185 psi                  w/avg rate of 24.4 BPM. ISIP 2350 psi. Calc                  flush: 4634 gal. Actual flush: 4675 gal.</p> <p><b>Frac DS3 sands as follows:</b>                  20,545# 20/40 sand in 257 bbls Lightning                  Frac 17 fluid. Treated @ avg press of 2105 psi                  w/avg rate of 14.3 BPM. ISIP 2105 psi. Calc                  flush: 4560 gal. Actual flush: 4477 gal.</p> <p><b>Pump Change. Update rod details</b></p> <p><b>Tubing Leak. Update rod and tubing                  details.</b></p> <p><b>Well converted to an injection well.</b></p> <p><b>MIT completed and submitted.</b></p>
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### PERFORATION RECORD

Date	Depth Range	Tool	Holes
9/30/04	5207'-5214'	4 JSPF	28 holes
9/30/04	5156'-5163'	4 JSPF	28 holes
10/05/04	5041'-5052'	4 JSPF	44 holes
10/07/04	4889'-4892'	4 JSPF	40 holes
10/07/04	4870'-4875'	4 JSPF	20 holes
10/07/04	4843'-4846'	4 JSPF	12 holes
10/07/04	4792'-4796'	4 JSPF	16 holes
10/07/04	4776'-4784'	4 JSPF	32 holes
10/07/04	4636'-4643'	4 JSPF	28 holes
10/07/04	4562'-4569'	4 JSPF	28 holes



**NEWFIELD**

**Ashley Federal 15-15-9-15**  
 579 FSL & 1890 FEL  
 SW/SE Sec. 15, T9S R15E  
 Duchesne, County  
 API# 43-013-32473; Lease# UTU-66184

## Ashley Federal 16-15-9-15

Spud Date: 9/12/05  
 Put on Production: 10/17/05  
 GL: 6281' KB: 6293'

Initial Production: BOPD 168,  
 MCFD 41, BWPD 130

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.35')  
 DEPTH LANDED: 307.69' 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: 140 jts. (6004.93')  
 DEPTH LANDED: 6002.93' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 140'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 148 jts (4555.3')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4567.3' KB  
 ON/OFF TOOL AT: 4568.4'  
 ARROW #1 PACKER CE AT: 4573.8'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4577.2'  
 TBG PUP 2-3/8 J-55 AT: 4577.7'  
 X/N NIPPLE AT: 4581.8'  
 TOTAL STRING LENGTH: EOT @ 4583.14'

**FRAC JOB**

10/11/05 5709'-5717' **Frac CP4 sands as follows:**  
 23,605# 20/40 sand in 345 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1794 psi  
 w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc  
 flush: 5707 gal. Actual flush: 5754 gal.

10/11/05 5579'-5599' **Frac CP2 sands as follows:**  
 44,491# 20/40 sand in 424 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1538 psi  
 w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc  
 flush: 5577 gal. Actual flush: 5628 gal.

10/12/05 5250'-5430' **Frac LODC sands as follows:**  
 201,146# 20/40 sand in 1358 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2450 psi  
 w/avg rate of 40.6 BPM. ISIP 2850 psi. Calc  
 flush: 5248 gal. Actual flush: 5628 gal.

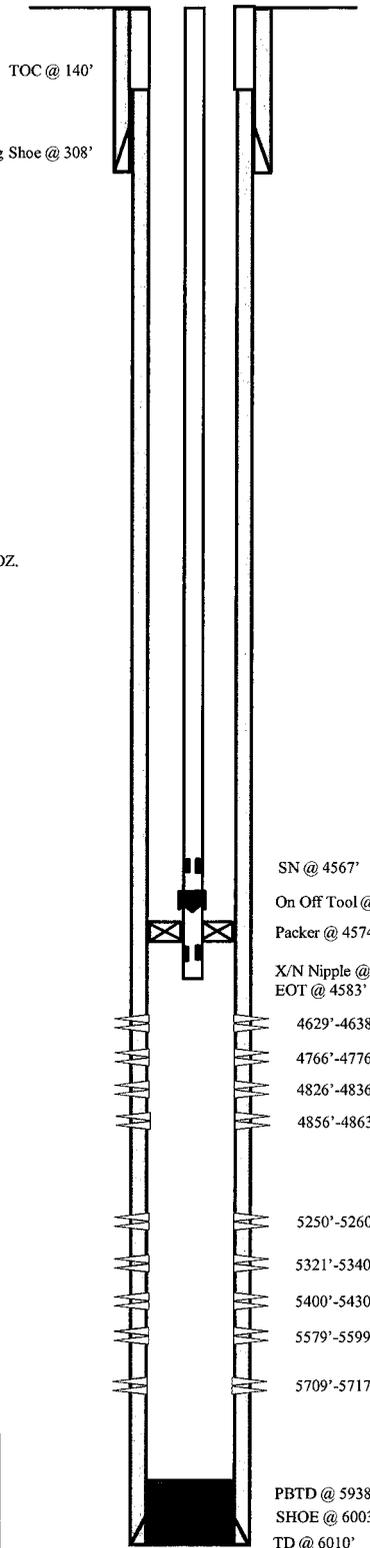
10/12/05 4766'-4863' **Frac C, B.5, & B1 sands as follows:**  
 170,171# 20/40 sand in 1117 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1944 psi  
 w/avg rate of 40.8 BPM. ISIP 2100 psi. Calc  
 flush: 4764 gal. Actual flush: 4788 gal.

10/13/05 4629'-4638' **Frac D1 sands as follows:**  
 62,698# 20/40 sand in 490 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2000 psi  
 w/avg rate of 24.7 BPM. ISIP 2500 psi. Calc  
 flush: 4627 gal. Actual flush: 4536 gal.

04-12-07 **Pump Change:** Updated rod and tbg detail.  
 2/3/09 **Pump Change.** Updated r & t details.  
 9/10/09 **Parted rods.** Updated rod & tubing details.  
 12/19/10 **Tubing Leak.** Rod & Tubing details updated.  
 12/14/12 **Convert to Injection Well**  
 12/15/12 **Conversion MIT Finalized** - update tbg  
 detail

**PERFORATION RECORD**

Date	Interval	SPF	Holes
10/12/05	5709'-5717'	4 JSPF	32 holes
10/12/05	5579'-5599'	4 JSPF	80 holes
10/12/05	5400'-5430'	4 JSPF	120 holes
10/12/05	5321'-5340'	4 JSPF	76 holes
10/11/05	5250'-5260'	4 JSPF	40 holes
10/11/05	4856'-4863'	4 JSPF	28 holes
10/11/05	4826'-4836'	4 JSPF	40 holes
10/11/05	4766'-4776'	4 JSPF	40 holes
10/07/05	4629'-4638'	4 JSPF	36 holes



**Ashley Federal 16-15-9-15**  
 748 FSL & 400 FEL  
 SE/SE Sec. 15, T9S R15E  
 Duchesne County, UT  
 API# 43-013-32642; Lease# UTU-66184

Spud Date: 9/16/04  
 Put on Production: 11/09/04  
 GL: 6285' KB: 6297'

## Ashley Federal 12-14-9-15

Injection Wellbore  
 Diagram

**SURFACE CASING**

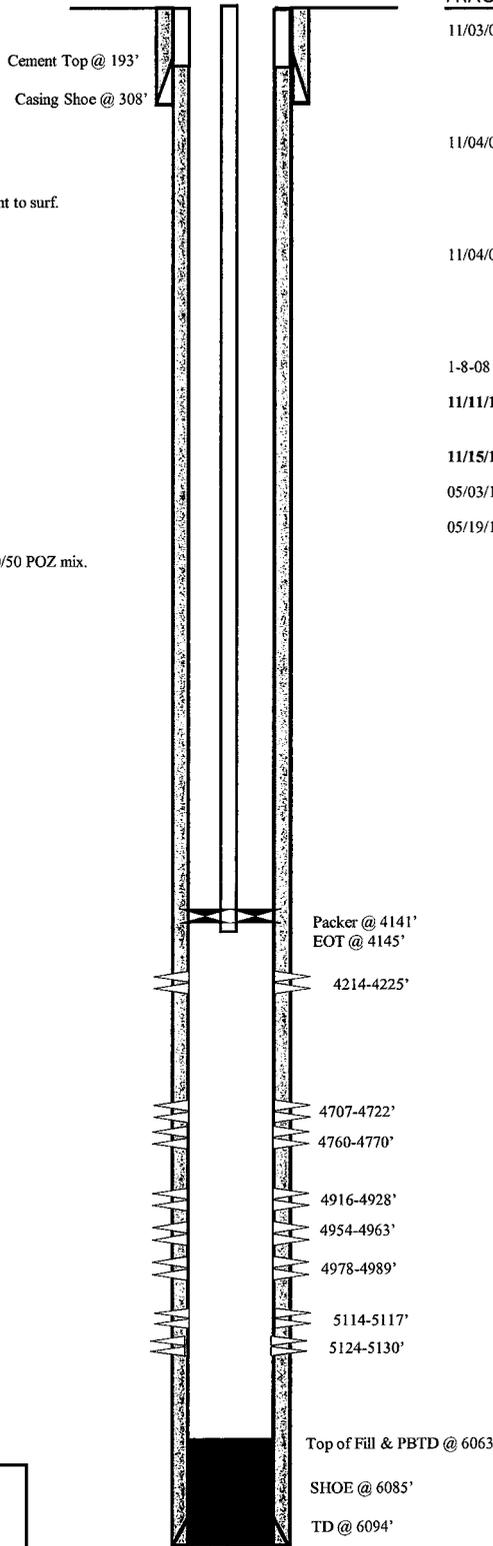
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (297.77')  
 DEPTH LANDED: 307.77' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (6087.11')  
 DEPTH LANDED: 6085.11' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 193'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4124.3')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4136.3'  
 CE @ 4140.62'  
 TOTAL STRING LENGTH: EOT @ 4145'



**FRAC JOB**

11/03/04	4916-4989'	<b>Frac B.5 &amp; 1 &amp; 2 sands as follows:</b> 128,138#'s 20/40 sand in 887 bbls Lightning Frac 17 fluid. Treated @ avg press of 1602 psi w/avg rate of 24.9 BPM. ISIP 2150. Calc flush 4914 gal. Actual flush: 4725 gal.
11/04/04	4707-4770'	<b>Frac D1 &amp; 2 sands as follows:</b> 109,362# 20/40 sand in 781 bbls Lightning Frac 17 fluid. Treated @ avg press of 1607 psi w/avg rate of 24.9 BPM. ISIP 2180 psi. Calc flush: 4705 gal. Actual flush: 4704 gal.
11/04/04	4214-4225'	<b>Frac GB6 sands as follows:</b> 58,492# 20/40 sand in 480 bbls Lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4212 gal. Actual flush: 4116 gal.
1-8-08		Tubing Leak. Updated rod & tubing details.
11/11/10	5114-5130'	<b>Frac A1 sands as follows:</b> 47114# 20/40 sand in 419 bbls Lightning 17 fluid.
11/15/10		<b>Re-Completion</b> – updated details
05/03/11		<b>Convert to Injection well</b>
05/19/11		<b>Conversion MIT finalized</b> – update tbg detail

**PERFORATION RECORD**

10/28/04	4978-4989'	4 JSPF	44 holes
10/28/04	4954-4963'	4 JSPF	36 holes
10/28/04	4916-4928'	4 JSPF	48 holes
11/03/04	4760-4770'	4 JSPF	40 holes
11/03/04	4707-4722'	4 JSPF	60 holes
11/04/04	4214-4225'	4 JSPF	44 holes
11/11/10	5114-5117'	3 JSPF	9 holes
11/11/10	5124-5130'	3 JSPF	18 holes



**Ashley Federal 12-14-9-15**  
 2003' FSL & 636' FWL  
 NW/SW Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32476; Lease #UTU-66184

## Ashley C-22-9-15

Spud Date: 5/11/2009  
 Put on Production: 7/9/2009  
 GL: 6413' KB: 6425'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (312.31')  
 DEPTH LANDED: 324.16' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'g' cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 162 jts (6400.3')  
 DEPTH LANDED: 6225.39'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sx primlite and 375 sx 50/50 poz  
 CEMENT TOP AT: 64'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 172 jts (5466.30')  
 TUBING ANCHOR: 5478.30' KB  
 NO. OF JOINTS: 1 jt (31.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5512.80' KB  
 NO. OF JOINTS: 2 jts (63.6')  
 TOTAL STRING LENGTH: EOT @ 5578'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
 SUCKER RODS: 4-1 1/2' wt bars, 215-7/8" guided 1-2' x 7/8" pony  
 PUMP SIZE: 2 1/2" x 1 3/8" x 20" x 24' RHAC CDI pump  
 STROKE LENGTH: 144"  
 PUMP SPEED, SPM: 4

#### FRAC JOB

7/6/2009 5498-5504' Frac LODC sds as follows:  
 34,339# 20/40 sand in 507 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2995 psi w/ ave rate of 27 BPM. ISIP 2583 psi, 5  
 min @ 2486 psi, 10 min @ 2438 psi, 15 min @ 2393 psi.

7/6/2009 5346-5354' Frac LODC sds as follows:  
 30,724# 20/40 sand in 436 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2818 psi w/ ave rate of 27 BPM. ISIP 2356 psi.

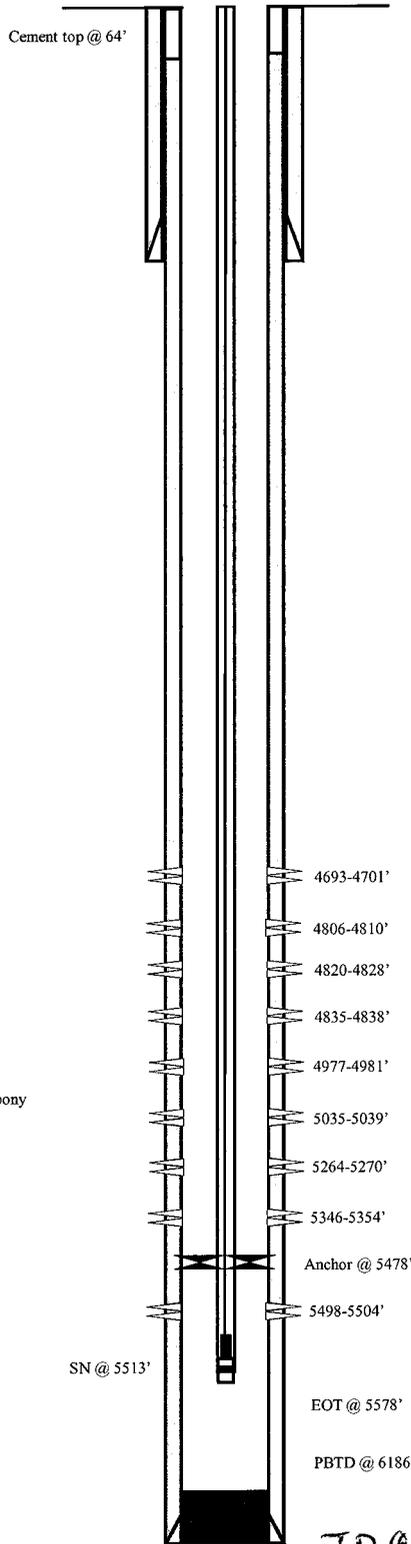
7/6/2009 5264-5270' Frac A3 sds as follows:  
 15,504# 20/40 sand in 282 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 3189 psi w/ ave rate of 15.9 BPM. Screened out  
 4.6 bbls short of flush. ISIP 4180 psi.

7/6/2009 4977-5039' Frac B.5 & C sds as follows:  
 45,501# 20/40 sand in 556 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 3155 psi w/ ave rate of 30.1 BPM. ISIP 2212 psi.

7/6/2009 4806-4838' Frac D1 sds as follows:  
 150,584# 20/40 sand in 1069 bbls of Lightning 17 fluid. Treated  
 w/ ave pressure of 2530 psi w/ ave rate of 35.3 BPM. ISIP 2173  
 psi.

7/6/2009 4693-4701' Frac DS1 sds as follows:  
 37,137# 20/40 sand in 366 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2936 psi w/ ave rate of 27 BPM. ISIP 3383 psi.

03/14/10 Pump Change. Rod & Tubing updated.



#### PERFORATION RECORD

Date	Wellbore Interval	Stimulation Type	Holes
7/6/09	5498-5504'	3 JSPF	18 holes
7/6/09	5346-5354'	3 JSPF	24 holes
7/6/09	5264-5270'	3 JSPF	18 holes
7/6/09	5035-5039'	3 JSPF	12 holes
7/6/09	4977-4981'	3 JSPF	12 holes
7/6/09	4835-4838'	3 JSPF	9 holes
7/6/09	4820-4828'	3 JSPF	24 holes
7/6/09	4806-4810'	3 JSPF	12 holes
7/6/09	4693-4701'	3 JSPF	24 holes

**NEWFIELD**

**Ashley C-22-9-15**

919' FNL & 1801' FEL

NW/NE Section 22-T9S-R15E

Duchesne Co, Utah

API # 43-013-33963; Lease # UTU-33963

## Ashley Fed D-22-9-15

Spud Date: 7-10-10  
 Put on Production 8-3-10  
 GL: 6380' KB: 6392'

### Wellbore Diagram

### FRAC JOB

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH 8 jts. (338.0')  
 DEPTH LANDED: 349.85'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 180 sxs Class "G", circ. 9 bbls to surf.

#### PRODUCTION CASING

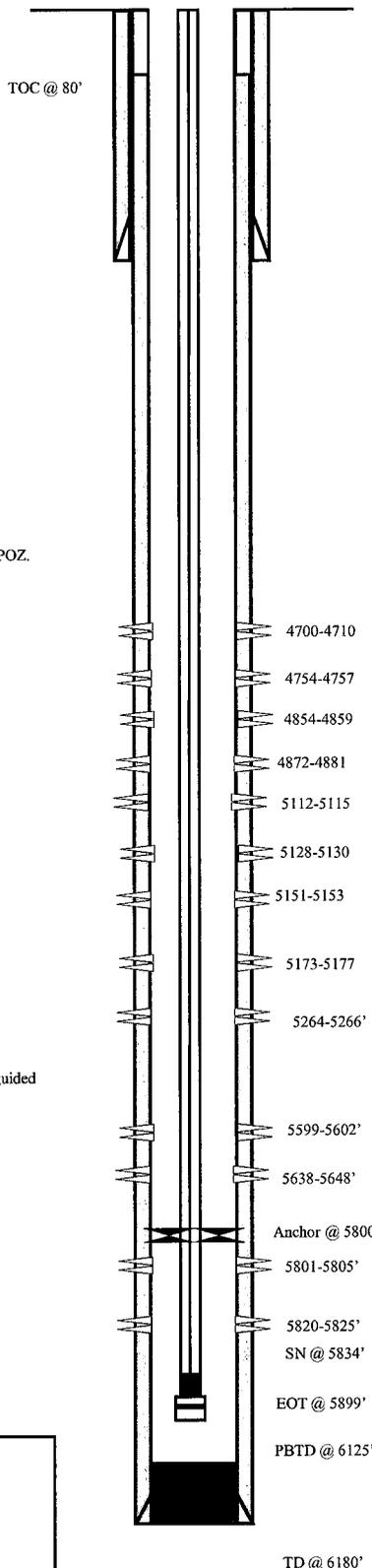
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6155.54')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6171.54'  
 CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 80' per CBL 7/27/10

#### TUBING (GI 2/16/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5788.03')  
 TUBING ANCHOR: 5800.03'  
 NO. OF JOINTS: 1 jts (31.46')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5834.29' KB  
 NO. OF JOINTS: 2 jts (62.86')  
 NOTCHED COLLAR: 2-7/8" (0.45')  
 TOTAL STRING LENGTH: EOT @ 5898.70'

#### SUCKER RODS (GI 4/30/13)

POLISHED ROD: 1-1/2" x 30'  
 SUCKER ROD: 2', 4', 6', 8' x 7/8" pony rods, 228 x 7/8" 8 per guided rods, 4 x 1-1/2" weight bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24' RHAC  
 STROKE LENGTH: 146"  
 PUMP SPEED, SPM: 5.5  
 PUMPING UNIT: DARCO C-640-365-168



Depth	Job ID	Description
8-4-10	5801-5825'	Frac CP3 sands as follows:Frac with 14441# 20/40sand in 128bbls Lightning 17.
8-4-10	5599-5648'	Frac Cpstray & CPI sands as follows:Frac with 38100# 20/40sand in 265bbls Lightning 17.
8-4-10	5112-5266'	Frac A1, A3 & LODC sands as follows:Frac with 63901# 20/40sand in 389bbls Lightning 17.
8-4-10	4854-4881'	Frac C sands as follows:Frac with 48456# 20/40sand in 311bbls Slick Water.
8-4-10	4700-4757'	Frac D1 & D3sands as follows:Frac with 42006# 30/50sand in 287bbls Lightning 17..
4/25/2011		Tubing Leak. Rod and Tubing detail updated.
2/21/12		Tubing Leak: Updated Rod & Tubing detail

#### PERFORATION RECORD

Depth	Perforation Type	Holes
5820-5825'	3 JSPF	15holes
5801-5805'	3 JSPF	12holes
5638-5648'	3 JSPF	30holes
5599-5602'	3 JSPF	9holes
5264-5266'	3 JSPF	6holes
5173-5177'	3 JSPF	12holes
5151-5153'	3 JSPF	6holes
5128-5130'	3 JSPF	6holes
5112-5115'	3 JSPF	9holes
4872-4881'	3 JSPF	27holes
4854-4859'	3 JSPF	15holes
4754-4757'	3 JSPF	9 holes
4700-4710'	3 JSPF	30holes

### NEWFIELD



#### Ashley Fed D-22-9-15

SL: 893' FNL & 470' FWL (NW/NW)  
 Section 22, T9S, R15

Duchesne Co, Utah

API # 43-013-33942; Lease UTU-68548

# Ashley Federal 1-22-9-15

Spud Date: 10/27/04  
 Put on Production: 1/14/2005  
 GL: 6351' KB: 6363'

Initial Production: BOPD,  
 MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

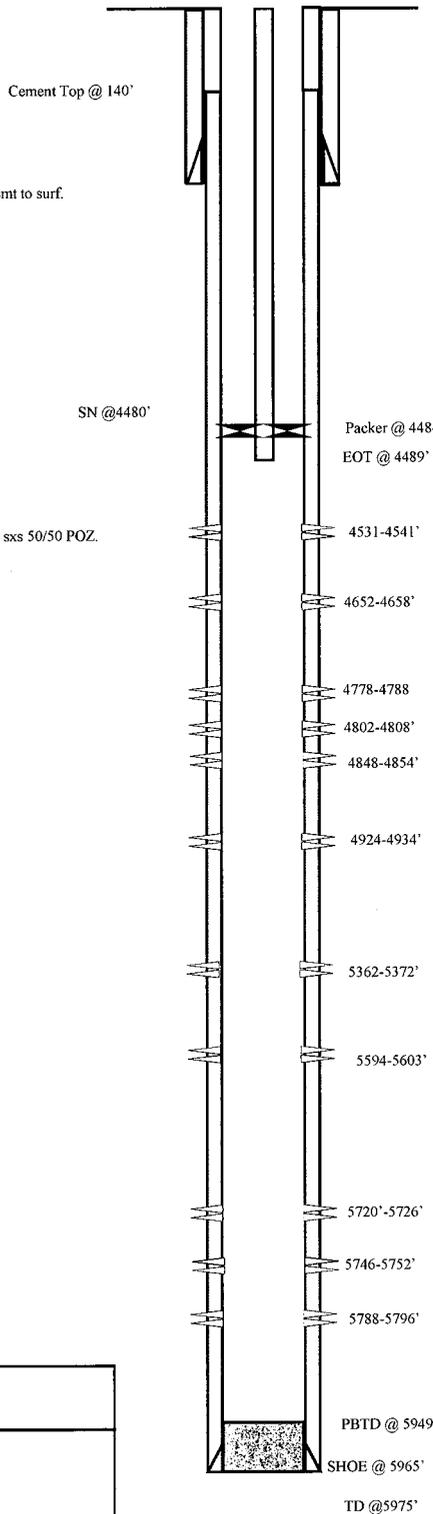
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.15')  
 DEPTH LANDED: 310.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5966.69')  
 DEPTH LANDED: 5964.69' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 140'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4468.02')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4480.02' KB  
 EOT @ 4488.62' w/ 12' KB



### FRAC JOB

01/06/05	5720-5796'	<b>Frac CP5 &amp; CP4 sands as follows:</b> 48,058# 20/40 sand in 440 bbls Lightning 17 frac fluid. Treated @ avg press of 2204 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 5718 gal. Actual flush: 5758 gal.
01/07/05	5362-5372'	<b>Frac LODC sands as follows:</b> 44,081# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 24.5 BPM. ISIP 2400 psi. Calc flush: 5360 gal. Actual flush: 5338 gal.
01/07/05	4924-4934'	<b>Frac B2 sands as follows:</b> 34,136# 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2041 psi w/avg rate of 24.5 BPM. Screened out.
01/07/05	4778-4854'	<b>Frac B.5 &amp; C sands as follows:</b> 74,405# 20/40 sand in 569 bbls Lightning 17 frac fluid. Treated @ avg press of 2542 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 4776 gal. Actual flush: 4817 gal.
01/07/05	4652-4658'	<b>Frac D1 sands as follows:</b> 11,692# 20/40 sand in 249 bbls Lightning 17 frac fluid. Treated @ avg press of 2250 psi w/avg rate of 24.5 BPM. ISIP 2000 psi. Calc flush: 4650 gal. Actual flush: 4691 gal.
01/12/05	5594-5603'	<b>Frac CP2 sands as follows:</b> 29,558# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 3200 psi w/avg rate of 14.1 BPM. ISIP 1900 psi. Calc flush: 1464 gal. Actual flush: 1344 gal.
01/12/05	4531-4541'	<b>Frac DSI sands as follows:</b> 34,134# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg press of 3630 psi w/avg rate of 14.1 BPM. ISIP 2900 psi. Calc flush: 1289 gal. Actual flush: 1050 gal.
5/3/06		<b>Well converted to an injection well.</b>
5/12/06		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

12/29/04	5788'-5796'	4 JSPF	32 holes
12/29/04	5746'-5752'	4 JSPF	24 holes
12/29/04	5720'-5726'	4 JSPF	24 holes
01/06/05	5594'-5603'	4 JSPF	36 holes
01/07/05	5362'-5372'	4 JSPF	40 holes
01/07/05	4924'-4934'	4 JSPF	40 holes
01/07/05	4848'-4854'	4 JSPF	24 holes
01/07/05	4802'-4808'	4 JSPF	24 holes
01/07/05	4778'-4788'	4 JSPF	40 holes
01/07/05	4652'-4658'	4 JSPF	16 holes
01/07/05	4531'-4541'	4 JSPF	40 holes

**NEWFIELD**

**Ashley Federal 1-22-9-15**

582' FNL & 847' FEL

NE/NE Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32477; Lease #UTU-68548

# Ashley N-14-9-15

Spud Date: 5/13/2009  
 Put on Production: 6/19/2009  
 GL: 6288' KB: 6300'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (313')  
 DEPTH LANDED: 325' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 159 jts (6240')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6253.01'  
 CEMENT DATA: 300 sx Prem. Lite and 425 sx 50/50 poz  
 CEMENT TOP AT: 40'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 187 jts (5914')  
 TUBING ANCHOR: 5926' KB  
 NO. OF JOINTS: 1 jts (31.7')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5960' KB  
 NO. OF JOINTS: 1 jt (31.8'); 3 jts (95.5')  
 TOTAL STRING LENGTH: EOT @ 6095'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
 SUCKER RODS: 2 - 4' x 7/8"; 1 - 4' x 7/8"; 1 - 6' x 7/8" pony rods, 232 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars.  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED, SPM: 5

### FRAC JOB

6-22-09 6098-6104' **Frac CP5 sands as follows:**  
 Frac with 15097 #s of 20/40 sand in 127 bbls  
 Lightning 17 fluid.

6-22-09 5832-5838' **Frac CP1 sands as follows:**  
 Frac with 12060 #s 20/40 sand in 126 bbls  
 Lightning 17 fluid.

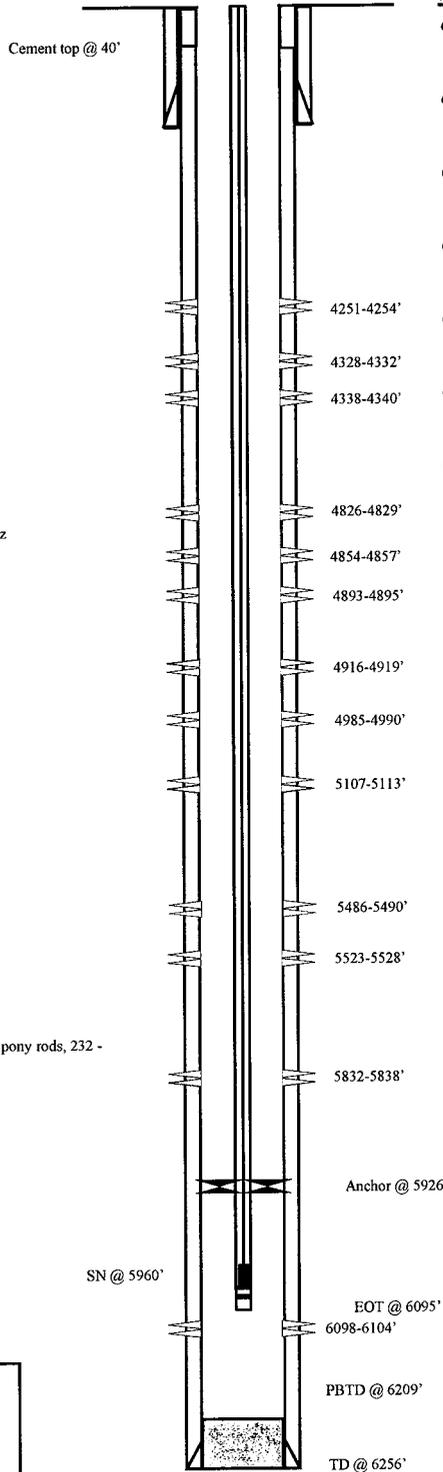
6-22-09 5486-5528' **Frac LODC sands as follows:**  
 Frac with 50326#s 20/40 sand in 383 bbls  
 Lightning 17 fluid.

6-22-09 5107-5113' **Frac B1 sands as follows:**  
 Frac with 20213 #s 20/40 sand in 183 bbls  
 Lightning 17 fluid.

6-22-09 4985-4990' **Frac C sands as follows:**  
 Frac with 15804 #s 20/40 sand in 131 bbls  
 Lightning 17 fluid.

6-22-09 4826-4919' **Frac D1, D2, & D3 sands as follows:**  
 Frac with 61219 #s 20/40 sand in 365 bbls  
 Lightning 17 fluid.

6-22-09 4251-4340' **Frac GB6 & GB4 sands as follows:**  
 Frac with 38149 #s 20/40 sand in 302 bbls  
 Lightning 17 fluid.



### PERFORATION RECORD

6098-6104'	4 JSPF	24 holes
5832-5838'	3 JSPF	18 holes
5523-5528'	3 JSPF	15 holes
5486-5490'	3 JSPF	12 holes
5107-5113'	3 JSPF	18 holes
4985-4990'	3 JSPF	15 holes
4916-4919'	3 JSPF	9 holes
4893-4895'	3 JSPF	6 holes
4854-4857'	3 JSPF	9 holes
4826-4829'	3 JSPF	9 holes
4338-4340'	3 JSPF	6 holes
4328-4332'	3 JSPF	12 holes
4251-4254'	3 JSPF	9 holes

**NEWFIELD**

**Ashley N-14-9-15**

1986' FSL & 656' FWL

NW/SW Section 14-T9S-R15E

Duchesne Co, Utah

API # 43-013-33960; Lease # UTU-66184

# NEWFIELD



## GMBU P-14-9-15

Uinta Central Basin - Duchesne County, Utah, USA

Surf Location: SE/SE - Sec 15, T9S, R15E; 763' FSL & 423' FEL

6282' GL + 10' KB

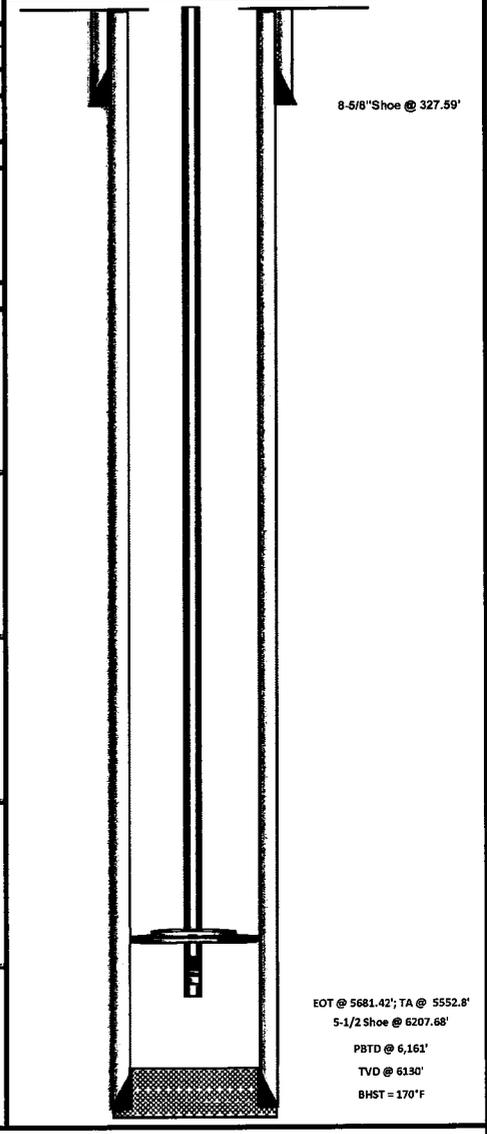
API#: 43-013-51566; Lease#: UTU-66184

Paul Lembcke

PFM 4/12/2013

Spud Date: 3/27/2013; PoP Date: 5/3/2013

Casing Detail	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	328'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,208'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG Detail	Top	Bottom	Coupling	Size	Wt	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,681'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,280	7,680	2.441"	Tubing Anchor Set @ 5,553'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	1	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @				
	Pony Rod		30'	32'	7/8"	C(API)	1	1	5607' 25-175-RHAC-20-4-21-24 #NF2374.				
	4per Guided Rod		32'	1,907'	7/8"	Tenaris D78	75	75					
	4per Guided Rod		1,907'	4,857'	3/4"	Tenaris D78	118	118					
8per Guided Rod		4,857'	5,607'	7/8"	Tenaris D78	30	30						
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
5	0'	0'	3	-	-	Formation:	GB6	GB2					
	0'	0'	3	-	-	20/40 White:	67,866 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Pad:	4,612 gals	Treating Fluid:	16,158 gals				
	0'	0'	3	-	-	Flush:	3,910 gals	Load to Recover:	24,680 gals				
	0'	0'	3	-	-	ISIP=	0.984 psi/ft	Max STP:	3,146 psi				
	4,055'	4,058'	3	0.34	4/23/2013								
4,258'	4,262'	3	0.34	4/23/2013									
4	0'	0'	3	-	-	Formation:	D1						
	0'	0'	3	-	-	20/40 White:	14,934 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	1,613 gals	Treating Fluid:	3,376 gals				
	0'	0'	3	-	-	Flush:	4,679 gals	Load to Recover:	10,168 gals				
	0'	0'	3	-	-	ISIP=	0.915 psi/ft	Max STP:	3,124 psi				
	4,718'	4,722'	3	0.34	4/24/2013								
3	0'	0'	3	-	-	Formation:	B2	B-Half					
	0'	0'	3	-	-	20/40 White:	55,668 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	4,595 gals	Treating Fluid:	12,901 gals				
	0'	0'	3	-	-	Flush:	4,813 gals	Load to Recover:	22,809 gals				
	4,936'	4,939'	3	0.34	4/24/2013	ISIP=	0.858 psi/ft	Max STP:	3,767 psi				
	4,992'	4,994'	3	0.34	4/24/2013								
4,998'	5,000'	3	0.34	4/24/2013									
2	0'	0'	3	-	-	Formation:	LODC						
	0'	0'	3	-	-	20/40 White:	143,429 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	6,115 gals	Treating Fluid:	32,527 gals				
	0'	0'	3	-	-	Flush:	5,153 gals	Load to Recover:	44,295 gals				
	5,346'	5,348'	3	0.34	4/24/2013	ISIP=	0.955 psi/ft	Max STP:	3,720 psi				
	5,362'	5,364'	3	0.34	4/24/2013								
5,376'	5,378'	3	0.34	4/24/2013									
1	0'	0'	3	-	-	Formation:	LODC						
	5,485'	5,485'	3	0.34	4/24/2013	20/40 White:	288,567 lbs	15% HCl:	752 gals				
	5,518'	5,520'	3	0.34	4/24/2013	Pad:	4,154 gals	Treating Fluid:	66,267 gals				
	5,577'	5,578'	3	0.34	4/24/2013	Flush:	5,225 gals	Load to Recover:	78,398 gals				
	5,583'	5,584'	3	0.34	4/24/2013	ISIP=	1.018 psi/ft	Max STP:	3,715 psi				
	5,591'	5,592'	3	0.34	4/24/2013								
5,609'	5,610'	3	0.34	4/24/2013									
CEMENT	Surf	On 3/29/13 Baker Hughes cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit											
	Prod	On 4/6/13 Baker Hughes pumped 220 sks lead @ 11 ppg w/ 3.53 yield plus 465 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 20 bbls to the pit. TOC @ 20'.											



# NEWFIELD



## GMBU S-15-9-15

Monument Butte - Duchesne County, Utah, USA

Surf Location: SE/SE - Sec 15, T9S, R15E; 768' FSL & 444' FEL

6282' GL + 10' KB

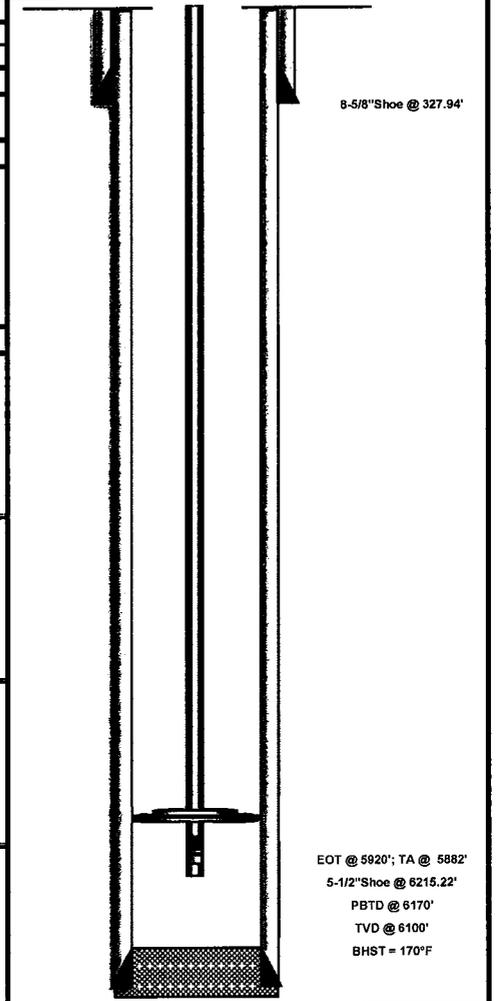
Paul Lembcke

PFM 6/19/2013

API#: 43-013-S1574; Lease#: UTU-68184

Spud Date: 3/28/13; PoP Date: 5/3/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	328'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,215'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG. DETAIL	Top	Bottom	Coupling	Size	WT.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,920'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,280	7,880	2.441"	Tubing Anchor Set @ 5,822'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,844'.				
	Pony Rod		30'	32'	7/8"	C(API)	2	1					
	Pony Rod		32'	36'	7/8"	C(API)	4	1					
	Pony Rod		36'	44'	7/8"	C(API)	8	1					
	4per Guided Rod		44'	1,994'	7/8"	Tenaris D78	1950	78					
	4per Guided Rod		1,994'	5,094'	3/4"	Tenaris D78	3100	124					
	8per Guided Rod		5,094'	5,844'	7/8"	Tenaris D78	750	30					
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
4	0'	0'	3	0'		Formation:	C-Sand D1						
	0'	0'	3	0'		20/40 White:	39,219 lbs	15% HCl:	0 gals				
	0'	0'	3	0'		Pad:	3,360 gals	Treating Fluid:	13,368 gals				
	4,720'	4,722'	3	2'		Flush:	4,675 gals	Load to Recover:	21,423 gals				
	4,864'	4,865'	3	1'		ISIP=	0.909 psi/ft	Max STP:	4,026 psi				
	4,871'	4,872'	3	1'									
3	0'	0'	3	0'		Formation:	LODC A1						
	0'	0'	3	0'		20/40 White:	114,235 lbs	15% HCl:	500 gals				
	0'	0'	3	0'		Pad:	5,573 gals	Treating Fluid:	25,833 gals				
	0'	0'	3	0'		Flush:	5,061 gals	Load to Recover:	36,967 gals				
	5,119'	5,120'	3	1'		ISIP=	0.908 psi/ft	Max STP:	3,843 psi				
	5,132'	5,134'	3	2'									
2	0'	0'	3	0'		Formation:	LODC						
	0'	0'	3	0'		20/40 White:	199,809 lbs	15% HCl:	500 gals				
	0'	0'	3	0'		Pad:	6,865 gals	Treating Fluid:	44,737 gals				
	5,343'	5,344'	3	1'		Flush:	5,351 gals	Load to Recover:	57,253 gals				
	5,359'	5,360'	3	1'		ISIP=	1.088 psi/ft	Max STP:	3,721 psi				
	5,371'	5,372'	3	1'									
1	0'	0'	3	0'		Formation:	CP4 CP1						
	0'	0'	3	0'		20/40 White:	66,638 lbs	15% HCl:	588 gals				
	0'	0'	3	0'		Pad:	2,902 gals	Treating Fluid:	15,366 gals				
	5,702'	5,704'	3	2'		Flush:	5,653 gals	Load to Recover:	24,509 gals				
	5,708'	5,710'	3	2'		ISIP=	0.837 psi/ft	Max STP:	3,049 psi				
	5,718'	5,720'	3	2'									
CEMENT	Surf	On 3/29/13 Pro Petro cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.											
	Prod	On 4/9/13 Baker Hughes pumped 210 sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 5 bbls to the pit. TOC @ 50'.											



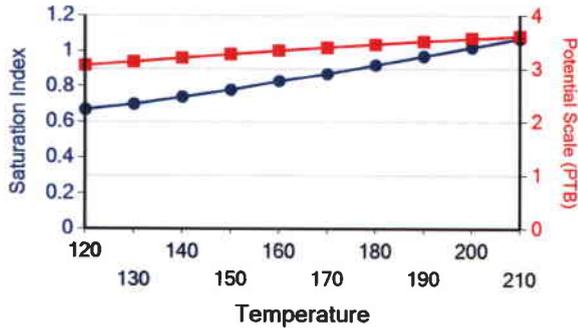
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.08	0.00	0.00	4.75	8.82	1.54	4.32	13.30	10.49
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.08	0.00	0.00	4.33	8.56	1.30	3.90	13.00	10.49
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.08	0.00	0.00	3.91	8.23	1.05	3.41	12.70	10.49
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.08	0.00	0.00	3.48	7.82	0.80	2.84	12.40	10.49
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.08	0.00	0.00	3.05	7.32	0.56	2.18	12.09	10.49
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.08	0.00	0.00	2.61	6.71	0.31	1.44	11.79	10.49
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.08	0.00	0.00	2.17	5.98	0.06	0.62	11.49	10.49
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.08	0.00	0.00	1.73	5.12	0.00	0.00	11.20	10.49
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.07	0.00	0.00	1.29	4.11	0.00	0.00	10.91	10.49
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.07	0.00	0.00	0.85	2.97	0.00	0.00	10.63	10.49

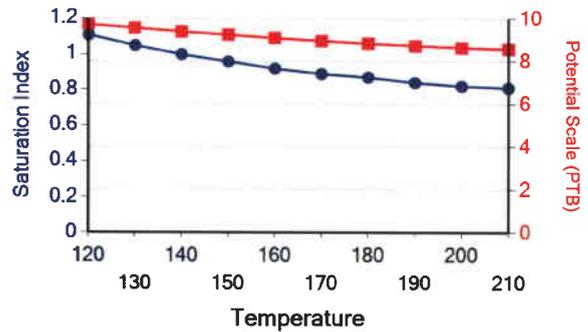
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

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

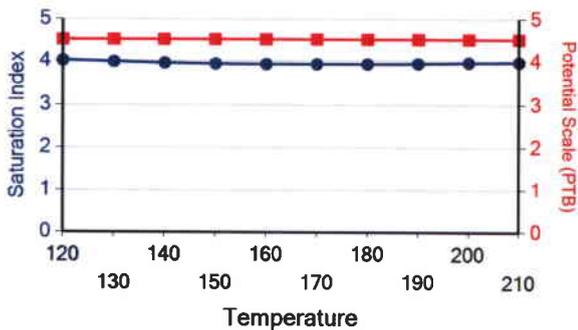
Calcium Carbonate



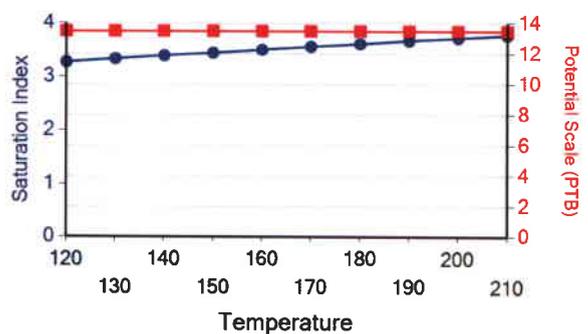
Barium Sulfate



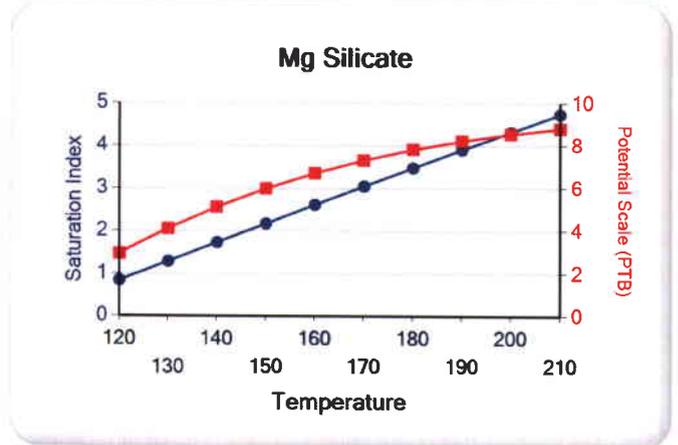
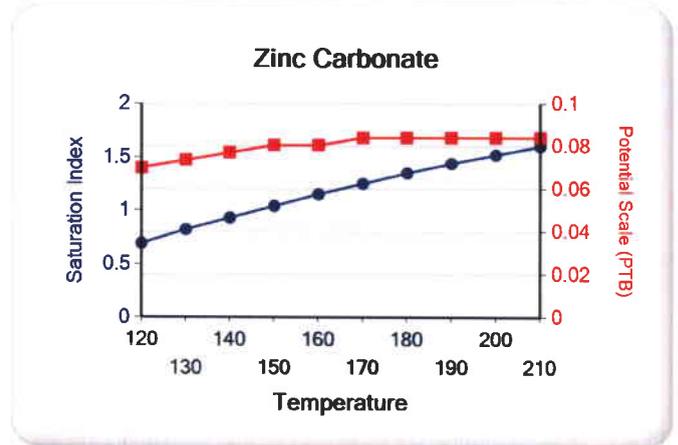
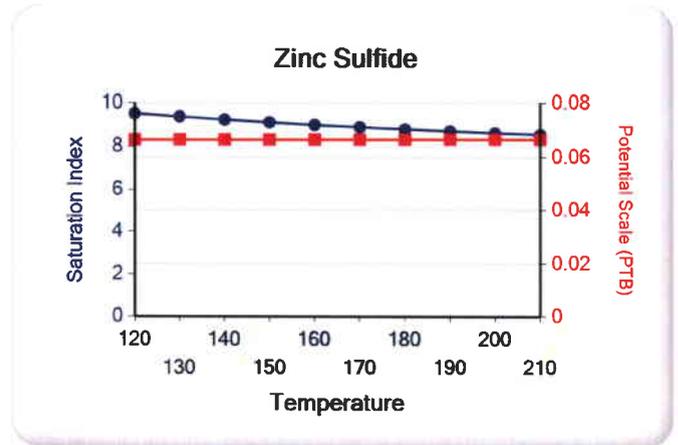
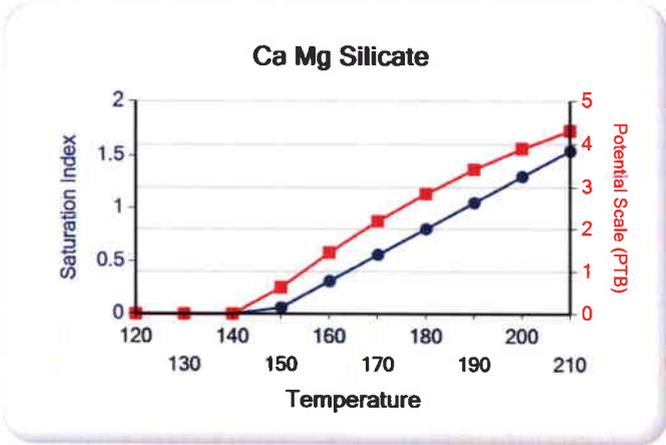
Iron Sulfide



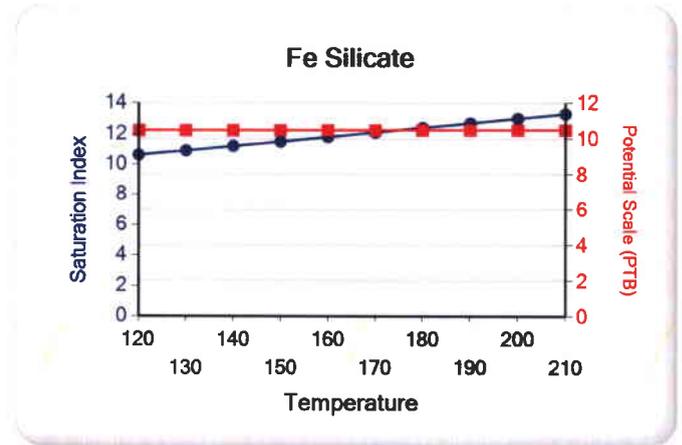
Iron Carbonate



Water Analysis Report



Water Analysis Report



Units of Measurement: **Standard**

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **ASHLEY INJECTION**  
 Sample Point: **After Filters**  
 Sample Date: **11/28/2012**  
 Sample ID: **WA-229120**

Sales Rep: **Michael McBride**  
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/28/2012	Sodium (Na):	4326.55	Chloride (Cl):	6000.00
System Temperature 1 (°F):	120.00	Potassium (K):	56.00	Sulfate (SO <sub>4</sub> ):	280.00
System Pressure 1 (psig):	2000.0000	Magnesium (Mg):	16.90	Bicarbonate (HCO <sub>3</sub> ):	1112.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	41.20	Carbonate (CO <sub>3</sub> ):	
System Pressure 2 (psig):	2000.0000	Strontium (Sr):		Acetic Acid (CH <sub>3</sub> COO)	
Calculated Density (g/ml):	1.005	Barium (Ba):	2.10	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)	
pH:	8.20	Iron (Fe):	4.80	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)	
Calculated TDS (mg/L):	11840.06	Zinc (Zn):	0.34	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	
CO <sub>2</sub> in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO <sub>2</sub> (mg/L):	11.80	Ammonia NH <sub>3</sub> :		Bromine (Br):	
H <sub>2</sub> S in Gas (%):		Manganese (Mn):	0.17	Silica (SiO <sub>2</sub> ):	
H <sub>2</sub> S in Water (mg/L):	0.00				

Notes:

(PTB = Pounds per Thousand Barrels)

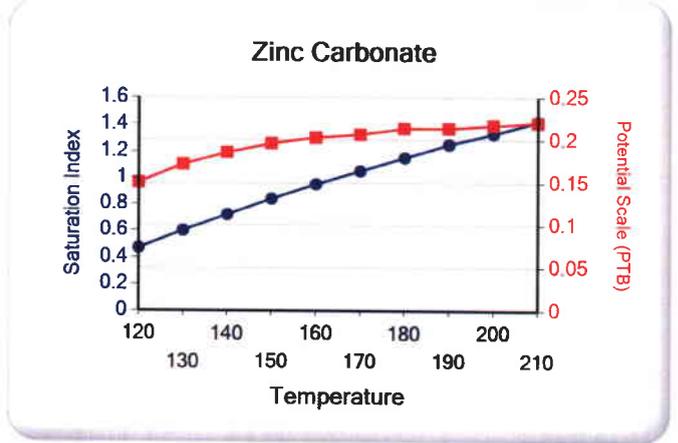
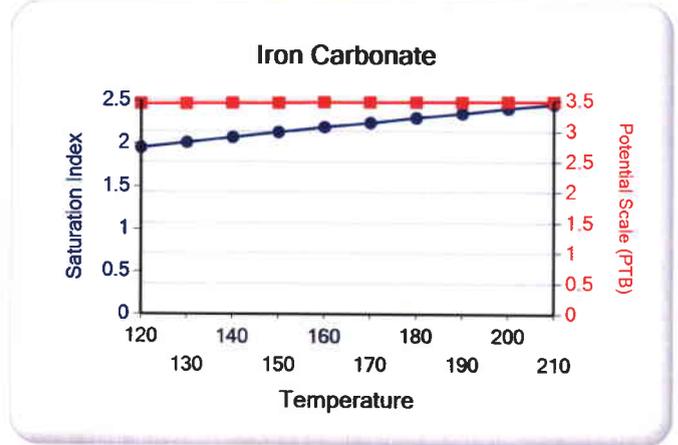
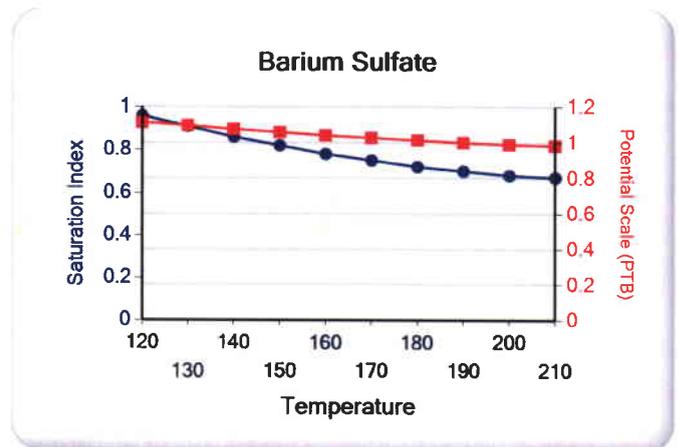
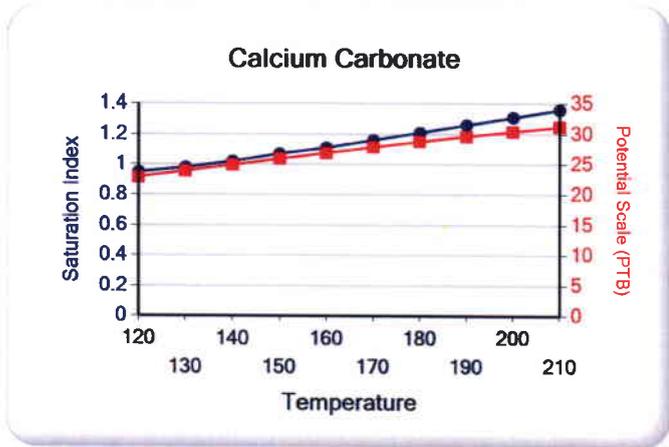
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.36	31.13	0.67	0.98	0.00	0.00	2.46	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	1.31	30.38	0.68	0.99	0.00	0.00	2.41	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	1.26	29.58	0.70	1.00	0.00	0.00	2.35	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	1.21	28.71	0.72	1.01	0.00	0.00	2.30	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	1.16	27.79	0.75	1.03	0.00	0.00	2.24	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	1.11	26.84	0.78	1.04	0.00	0.00	2.19	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	1.07	25.86	0.82	1.06	0.00	0.00	2.13	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	1.02	24.88	0.86	1.08	0.00	0.00	2.07	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.98	23.89	0.91	1.10	0.00	0.00	2.01	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.95	22.92	0.96	1.11	0.00	0.00	1.95	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

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

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



**Attachment "G"**

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

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5642	5714	5678	1800	0.75	1763 ←
5568	5575	5572	2050	0.80	2014
5434	5477	5456	2800	0.95	2765
5090	5114	5102	1950	0.82	1917
4826	4834	4830	2100	0.87	2069
4681	4692	4687	2100	0.88	2070
				<b>Minimum</b>	<u><u>1763</u></u>

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

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

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

# NEWFIELD



# ATTACHMENT G-1

10/11

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-15-9-15 Report Date: Oct. 8, 2004 Completion Day: 01  
 Present Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8 @ 304' Prod Csg: 5 1/2 Wt: 15.5# @ 6029' Csg PBTD: 5934' WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP4 sds	5833-5839'	4/24			
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 7, 2004 SITP: \_\_\_\_\_ SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU HO trk & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Patterson WLT & run CBL under pressure. WLTD @ 5934' & cmt top @ 130'. Perf stage #1 W/ 4" ported gun as follows: CP4 sds @ 5833-39' W/ 4 JSPF. Made 1 gun run. SIFN W/ est 142 BWTR.

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

### STIMULATION DETAIL

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

### COSTS

Weatherford BOP \_\_\_\_\_  
 NPC NU crew \_\_\_\_\_  
 NDSI trucking \_\_\_\_\_  
 Patterson CBL/CP4 \_\_\_\_\_  
 Drilling cost \_\_\_\_\_  
 Zubiate HO trk \_\_\_\_\_  
 Location preparation \_\_\_\_\_  
 NPC wellhead \_\_\_\_\_  
 Benco - anchors \_\_\_\_\_  
 Admin. Overhead \_\_\_\_\_  
 NPC supervision \_\_\_\_\_

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

DAILY COST: \_\_\_\_\_ \$0  
 TOTAL WELL COST: \_\_\_\_\_

# NEWFIELD



# ATTACHMENT G-1

2011

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 10-15-9-15      **Report Date:** Oct. 12, 2004      **Completion Day:** 02  
**Present Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 304'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6029'      **Csg PBTD:** 5934' 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>
<u>CP4 sds</u>	<u>5833-5839'</u>	<u>4/24</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 11, 2004      **SITP:** \_\_\_\_\_      **SICP:** 0

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP4 sds, stage #1 w/ 11,595#'s of 20/40 sand in 219 bbls Lightning 17 frac fluid. Open wll w/ 0 psi on casing. Perfs broke down @ 2263 but didn't break back. Treated @ ave pressure of 2607, w/ ave rate of 24.5 bpm, w/ up to 8 ppg of sand. Spotted 5 bbls 15% HCL in flush for next stage. Screened out w/ 19 bbls left in flush, w/ 3600#'s of sand still in casing, w/ 7956#'s in perfs, w/ 798' of slurry in casing. 361 bbls EWTR. Well won't flow back. RD BJ & WLT. SIFN.

**Starting fluid load to be recovered:** 142      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 219      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 361      **Cum oil recovered:** 0  
**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

\_\_\_\_\_

1890 gals of pad

\_\_\_\_\_

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

\_\_\_\_\_

1298 gals w/ 5-8 ppg of 20/40 sand

\_\_\_\_\_

Flush w/ 5040 gals of slick water

\_\_\_\_\_

\_\_\_\_\_

### COSTS

\_\_\_\_\_

Weatherford BOP

\_\_\_\_\_

Weatherford Services

\_\_\_\_\_

Betts frac water

\_\_\_\_\_

NPC fuel gas

\_\_\_\_\_

BJ Services CP4 sds

\_\_\_\_\_

Patterson WLT CP4 sd

\_\_\_\_\_

NPC Supervisor

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

**Max TP:** 4140      **Max Rate:** 24.5      **Total fluid pmpd:** 219 bbls

**Avg TP:** 2607      **Avg Rate:** 24.4      **Total Prop pmpd:** 11,595#'s

**ISIP:** 3900      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** NA

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_      **\$0**

**TOTAL WELL COST:** \_\_\_\_\_

# NEWFIELD



**ATTACHMENT G-1**  
3 of 11

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 10-15-9-15      **Report Date:** Oct. 13, 2004      **Completion Day:** 03  
**Present Operation:** Completion      **Rig:** Western #1

### WELL STATUS

**Surf Csg:** 8 5/8 @ 304'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6029'      **Csg PBDT:** 5934' WL  
**Tbg:** **Size:** 2-7/8"      **Wt:** 6.5#      **Grd:** J-55      **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBDT:** 5610'  
Plugs 5770'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP stry sds	5568-5575'	4/28
			CP2 sds	5642-5662'	4/80
			CP3 sds	5709-5714'	4/20
			CP4 sds	5833-5839'	4/24

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 12, 2004      **SITP:** \_\_\_\_\_      **SICP:** 45

MIRUSU. Bled 45 psi off casing. TIH w/ NC, 170 jts of new Husteel brand J-55, 6.5#, 2-7/8", 8 rd EUE tbg. Tag sand @ 5578'. RU pump & tank. Circulate well clean to 5830'. TOO H w/ tbg. RU Patterson WLT. RIH w/ frac plug & 5' perf gun. Set plug @ 5770'. Perforate CP3 sds @ 5709-5714' & CP2 sds @ 5642-5662' w/ 4 spf for total of 100 shots. RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #2 w/ 47,085#'s of 20/40 sand in 449 bbls Lightning 17 frac fluid. Open wll w/ 0 psi on casing. Perfs broke down @ 3290 psi, back to 1550 psi w/ 8 bbls to fill hole. Treated @ ave pressure of 1509, w/ ave rate of 24.6 bpm, w/ 8 ppg of sand. Spoted 5 bbls 15% HCL in flush for next stage. ISIP was 1800. 810 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 5610'. Perforate CP stray sds @ 5568-5575' w/ 4 spf for total of 28 shots. SIFN.

**Starting fluid load to be recovered:** 361      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 449      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 810      **Cum oil recovered:** 0  
**IFL:** \_\_\_\_\_      **FFL:** \_\_\_\_\_      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac

**Company:** BJ Services

**Procedure or Equipment detail:** CP3 & CP2 sds down casing

### COSTS

Western Rig	_____
Weatherford BOP	_____
Betts frac water	_____
NPC fuel gas	_____
BJ Services CP3&2 sds	_____
Patterson CP3&2 sds	_____
NPC Supervisor	_____
Weatherford Services	_____
NPC trucking	_____
NPC wtr & trk	_____
Aztec tbg	_____

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

**Max TP:** 2040      **Max Rate:** 24.7      **Total fluid pmpd:** 449 bbls

**Avg TP:** 1509      **Avg Rate:** 24.6      **Total Prop pmpd:** 47,085#'s

**ISIP:** 1800      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .75

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_      **\$0**

**TOTAL WELL COST:** \_\_\_\_\_





# NEWFIELD



# ATTACHMENT G-1

6 of 11

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-15-9-15 Report Date: Oct. 14, 2004 Completion Day: 04c  
 Present Operation: Completion Rig: Western #1

### WELL STATUS

Surf Csg: 8 5/8 @ 304' Prod Csg: 5 1/2 Wt: 15.5# @ 6029' Csg PBTD: 5934' WL  
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5220' BP/Sand PBTD: 5220'  
 KB @ 12' Plugs 5770' 5610' 5510'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5458-5477'	4/76
			CP stry sds	5568-5575'	4/28
A1 sds	5090-5096'	4/24	CP2 sds	5642-5662'	4/80
A3 sds	5104-5114'	4/40	CP3 sds	5709-5714'	4/20
LODC sds	5434-5444'	4/40	CP4 sds	5833-5839'	4/24

### CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 13, 2004 SITP: \_\_\_\_\_ SICP: 2000

Day4c.

RU Patterson WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5220'. Perforate A3 sds @ 5104-5114' & A1 sds @ 5090-5096' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 58,742#'s of 20/40 sand in 481 bbls Lightning 17 frac fluid. Open wll w/ 2000 psi on casing. Perfs broke down @ 3624 psi, back to 1862 psi. Treated @ ave pressure of 1449, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. Spotted 5 bbls 15% HCL in flush for next stage. ISIP was 1950. 2697 bbls EWTR. Leave pressure on well.

See day4d.

Starting fluid load to be recovered: 2216 Starting oil rec to date: 0  
 Fluid lost/recovered today: 481 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2697 Cum oil recovered: 0  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: A3 & A1 sds down casing

### COSTS

Western Rig  
 Weatherford BOP  
 Betts frac water  
 NPC fuel gas  
 BJ Services A3&A1 sds  
 Patterson A3&A1 sds  
 NPC Supervisor  
 Weatherford Services

4620 gals of pad  
 3000 gals w/ 1-5 ppg of 20/40 sand  
 6000 gals w/ 5-8 ppg of 20/40 sand  
 1483 w/ 8 ppg of 20/40 sand  
 Flush w/ 5099 gals of slick water

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

Max TP: 1859 Max Rate: 24.7 Total fluid pmpd: 481 bbls  
 Avg TP: 1449 Avg Rate: 24.7 Total Prop pmpd: 58,742#'s  
 ISIP: 1950 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .82  
 Completion Supervisor: Ron Shuck

DAILY COST: \_\_\_\_\_ \$0  
 TOTAL WELL COST: \_\_\_\_\_

# NEWFIELD



ATTACHMENT G-1

7 of 11

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-15-9-15 Report Date: Oct. 14, 2004 Completion Day: 04d  
 Present Operation: Completion Rig: Western #1

### WELL STATUS

Surf Csg: 8 5/8 @ 304' Prod Csg: 5 1/2 Wt: 15.5# @ 6029' Csg PBTD: 5934' WL  
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: KB @ 12' BP/Sand PBTD: 4940'  
 Plugs 5770' 5610' 5510' 5220'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5458-5477'	4/76
C sds	4826-4834'	4/32	CP stry sds	5568-5575'	4/28
A1 sds	5090-5096'	4/24	CP2 sds	5642-5662'	4/80
A3 sds	5104-5114'	4/40	CP3 sds	5709-5714'	4/20
LODC sds	5434-5444'	4/40	CP4 sds	5833-5839'	4/24

### CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 13, 2004 SITP: \_\_\_\_\_ SICP: 1650

Day4d.

RU Patterson WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4940'. Perforate C sds @ 4826-4834' w/ 4 spf for total of 32 shots. RU BJ & frac stage #6 w/ 18,639#'s of 20/40 sand in 263 bbls Lightning 17 frac fluid. Open well w/ 1650 psi on casing. Perfs broke down @ 3800 psi, back to 2050 psi w/ 10 bbls away. Treated @ ave pressure of 2281, w/ ave rate of 24.7 bpm, w/ up to 8 ppg of sand. Spotted 5 bbls 15% HCL in flush for next stage. ISIP was 2100. 2960 bbls EWTR. Leave pressure on well.

See day4e.

Starting fluid load to be recovered: 2697 Starting oil rec to date: 0  
 Fluid lost/recovered today: 263 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2960 Cum oil recovered: 0  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: C sds down casing

- 2604 gals of pad
- 1250 gals w/ 1-5 ppg of 20/40 sand
- 2328 gals w/ 5-8 ppg of 20/40 sand
- Flush w/ 4864 gals of slick water

### COSTS

- Western Rig
- Weatherford BOP
- Betts frac water
- NPC fuel gas
- BJ Services C sds
- Patterson C sds
- NPC Supervisor
- Weatherford Services

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

Max TP: 2281 Max Rate: 24.7 Total fluid pmpd: 263 bbls

Avg TP: 1967 Avg Rate: 24.7 Total Prop pmpd: 18,639#'s

ISIP: 2100 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \_\_\_\_\_ \$0

TOTAL WELL COST: \_\_\_\_\_

# NEWFIELD



# ATTACHMENT G-1

8 of 11

### DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 10-15-9-15      **Report Date:** Oct. 14, 2004      **Completion Day:** 04e  
**Present Operation:** Completion      **Rig:** Western #1

#### WELL STATUS

**Surf Csg:** 8 5/8 @ 304'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6029'      **Csg PBTD:** 5934' WL  
**Tbg:** Size: 2-7/8" Wt: 6.5# Grd: J-55      **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4750'  
**KB @ 12'**      **Plugs** 5770' 5610' 5510' 5220' 4940'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4681-4692'</u>	<u>4/44</u>	LODC sds	<u>5458-5477'</u>	<u>4/76</u>
C sds	<u>4826-4834'</u>	<u>4/32</u>	CP stry sds	<u>5568-5575'</u>	<u>4/28</u>
A1 sds	<u>5090-5096'</u>	<u>4/24</u>	CP2 sds	<u>5642-5662'</u>	<u>4/80</u>
A3 sds	<u>5104-5114'</u>	<u>4/40</u>	CP3 sds	<u>5709-5714'</u>	<u>4/20</u>
LODC sds	<u>5434-5444'</u>	<u>4/40</u>	CP4 sds	<u>5833-5839'</u>	<u>4/24</u>

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 13, 2004      **SITP:** \_\_\_\_\_      **SICP:** 1230

Day4e.

RU Patterson WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4750'. Perforate D1 sds @ 4681-4692' w/ 4 spf for total of 44 shots. RU BJ & frac stage #7 w/ 61,420#'s of 20/40 sand in 465 bbls Lightning 17 frac fluid. Open well w/ 1230 psi on casing. Perfs broke down @ 3481 psi, back to 1260 psi w/ 14 bbls away. Treated @ ave pressure of 2004, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 2100. 3425 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 2535 psi w/ 12/64 choke. Well flowed for 7 hours & died w/ 405 bbls rec'd (12% of frac). SIFN.

**Starting fluid load to be recovered:** 3425      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 405      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 3020      **Cum oil recovered:** 0  
**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:** D1 sds down casing

- \_\_\_\_\_ 4620 gals of pad
- \_\_\_\_\_ 3000 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 6000 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 1315 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush w/ 4595 gals of slick water

#### COSTS

- \_\_\_\_\_ Western Rig
- \_\_\_\_\_ Weatherford BOP
- \_\_\_\_\_ Betts frac water
- \_\_\_\_\_ NPC fuel gas
- \_\_\_\_\_ BJ Services D1 sds
- \_\_\_\_\_ Patterson D1 sds
- \_\_\_\_\_ NPC Supervisor
- \_\_\_\_\_ Weatherford Services
- \_\_\_\_\_ Betts water transfere
- \_\_\_\_\_ Flow back hand

**Max TP:** 2209      **Max Rate:** 24.7      **Total fluid pmpd:** 465 bbls  
**Avg TP:** 2004      **Avg Rate:** 24.7      **Total Prop pmpd:** 61,420#'s  
**ISIP:** 2600      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .99  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_ \$0  
**TOTAL WELL COST:** \_\_\_\_\_



### DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 10-15-9-15      **Report Date:** Oct. 15, 2004      **Completion Day:** 05  
**Present Operation:** Completion      **Rig:** Western #1

#### WELL STATUS

**Surf Csg:** 8 5/8 @ 304'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6029'      **Csg PBTD:** 5982'  
**Tbg:** Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5899' BP/Sand PBTD: 5982'  
**KB @ 12'**

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4681-4692'	4/44	LODC sds	5458-5477'	4/76
C sds	4826-4834'	4/32	CP stry sds	5568-5575'	4/28
A1 sds	5090-5096'	4/24	CP2 sds	5642-5662'	4/80
A3 sds	5104-5114'	4/40	CP3 sds	5709-5714'	4/20
LODC sds	5434-5444'	4/40	CP4 sds	5833-5839'	4/24

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 14, 2004      **SITP:** \_\_\_\_\_      **SICP:** 150

Bleed pressure off well. Rec est 10 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Graco Schaeffer BOP. TIH W/ used Varel ETD4 tooth bit, bit sub & tbg. Tag fill @ 4721'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows: sd @ 4721', plug @ 4750' in 13 minutes; sd @ 4917', plug @ 4940' in 12 minutes; no sd, plug @ 5220' in 14 minutes; no sd, plug @ 5510' in 12 minutes; no sd, plug @ 5610' in 13 minutes; sd @ 5701', plug @ 5770' in 14 minutes. Con't swivelling jts in hole. Tag fill @ 5839'. Drill sd & plug remains to PBTD @ 5982'. Circ hole clean. Lost est 50 BW during cleanout. RD swivel. Pull EOT to 5899'. RU swab equipment. IFL @ sfc. Made 5 swab runs rec 61 BW W/ no sd, gas or oil. FFL @ 800'. SIFN W/ est 2988 BWTR.

**Starting fluid load to be recovered:** 3020      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 32      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2988      **Cum oil recovered:** 0  
**IFL:** sfc      **FFL:** 800'      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** 0

#### STIMULATION DETAIL

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

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

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

#### COSTS

Western Rig \_\_\_\_\_  
 Weatherford BOP \_\_\_\_\_  
 Graco BOP \_\_\_\_\_  
 NPC trucking \_\_\_\_\_  
 Four Star swivel \_\_\_\_\_  
 NPC sfc equipment \_\_\_\_\_  
 R & T labor/welding \_\_\_\_\_  
 Mt. West sanitation \_\_\_\_\_  
 Monks pit reclaim \_\_\_\_\_  
 RNI wtr disposal \_\_\_\_\_  
 NPC location cleanup \_\_\_\_\_  
 NPC supervision \_\_\_\_\_

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

**DAILY COST:** \_\_\_\_\_ \$0  
**TOTAL WELL COST:** \_\_\_\_\_



### DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 10-15-9-15      **Report Date:** Oct. 16, 2004      **Completion Day:** 06  
**Present Operation:** Completion      **Rig:** Western #1

#### WELL STATUS

**Surf Csg:** 8 5/8 @ 304'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6029'      **Csg PBTD:** 5982'  
**Tbg:** Size: 2-7/8" Wt: 6.5# Grd: J-55      **Anchor @:** 5772'      **BP/Sand PBTD:** 5982'  
**KB @ 12'**

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4681-4692'	4/44	LODC sds	5458-5477'	4/76
C sds	4826-4834'	4/32	CP stry sds	5568-5575'	4/28
A1 sds	5090-5096'	4/24	CP2 sds	5642-5662'	4/80
A3 sds	5104-5114'	4/40	CP3 sds	5709-5714'	4/20
LODC sds	5434-5444'	4/40	CP4 sds	5833-5839'	4/24

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 15, 2004      **SITP:** 175      **SICP:** 110

Bleed gas off well. RU swab equipment. IFL @ 600'. Made 8 swb runs rec 69 BTF (est 54 BW & 15 BO) W/ fair gas & no sand. FFL @ 1000'. FOC @ 10%. TIH W/ tbg. Tag PBTD @ 5982' (no new fill). Rev circ hole clean. Lost est 57 BW & rec 20 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) & 176 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5772' W/ SN @ 5807' & EOT @ 5874'. 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 15.5' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 116-3/4" plain rods, 100-3/4" scraped rods, 1-6" X 3/4" pony rod and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 3 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMSU. Est 2992 BWTR.

#### WO sfc equipment

**Starting fluid load to be recovered:** 2988      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 4      **Oil lost/recovered today:** 35  
**Ending fluid to be recovered:** 2992      **Cum oil recovered:** 35  
**IFL:** 600'      **FFL:** 1000'      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** 10%

#### TUBING DETAIL

#### ROD DETAIL

#### COSTS

		Western Rig
KB <u>12.00'</u>	<u>1 1/2" X 22' polished rod</u>	Graco BOP
176 <u>2 7/8 J-55 tbg (5759.57')</u>	<u>1-6" X 3/4" pony rod</u>	NPC trucking
<u>TA (2.80' @ 5771.57' KB)</u>	<u>100-3/4" scraped rods</u>	CDI TA
1 <u>2 7/8 J-55 tbg (32.62')</u>	<u>116-3/4" plain rods</u>	CDI SN
<u>SN (1.10' @ 5806.99' KB)</u>	<u>10-3/4" scraped rods</u>	CDI rod pump
2 <u>2 7/8 J-55 tbg (65.20')</u>	<u>6-1 1/2" weight rods</u>	"A" grade rod string
<u>2 7/8 NC (.45')</u>	<u>CDI 2 1/2" X 1 1/2" X 15.5'</u>	D & M HO trk
EOT <u>5873.74' W/ 12' KB</u>	<u>RHAC pump W/ SM plunger</u>	NPC frac tks (9X7 days)
		NPC swb tk (4 days)
		NPC frac head
		NDSI flat tk rental
		NPC supervision

**DAILY COST:** \_\_\_\_\_ **\$0**

**Completion supervisor:** Gary Dietz

**TOTAL WELL COST:** \_\_\_\_\_



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4631'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 190' balance plug using 28 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 355'

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

## ASHLEY FEDERAL 10-15-9-15

Spud Date: 8-25-2004  
 Put on Production: 10/18/04  
 GL: 6320' KB: 6332'

Initial Production: BOPD,  
 MCFD, BWPD

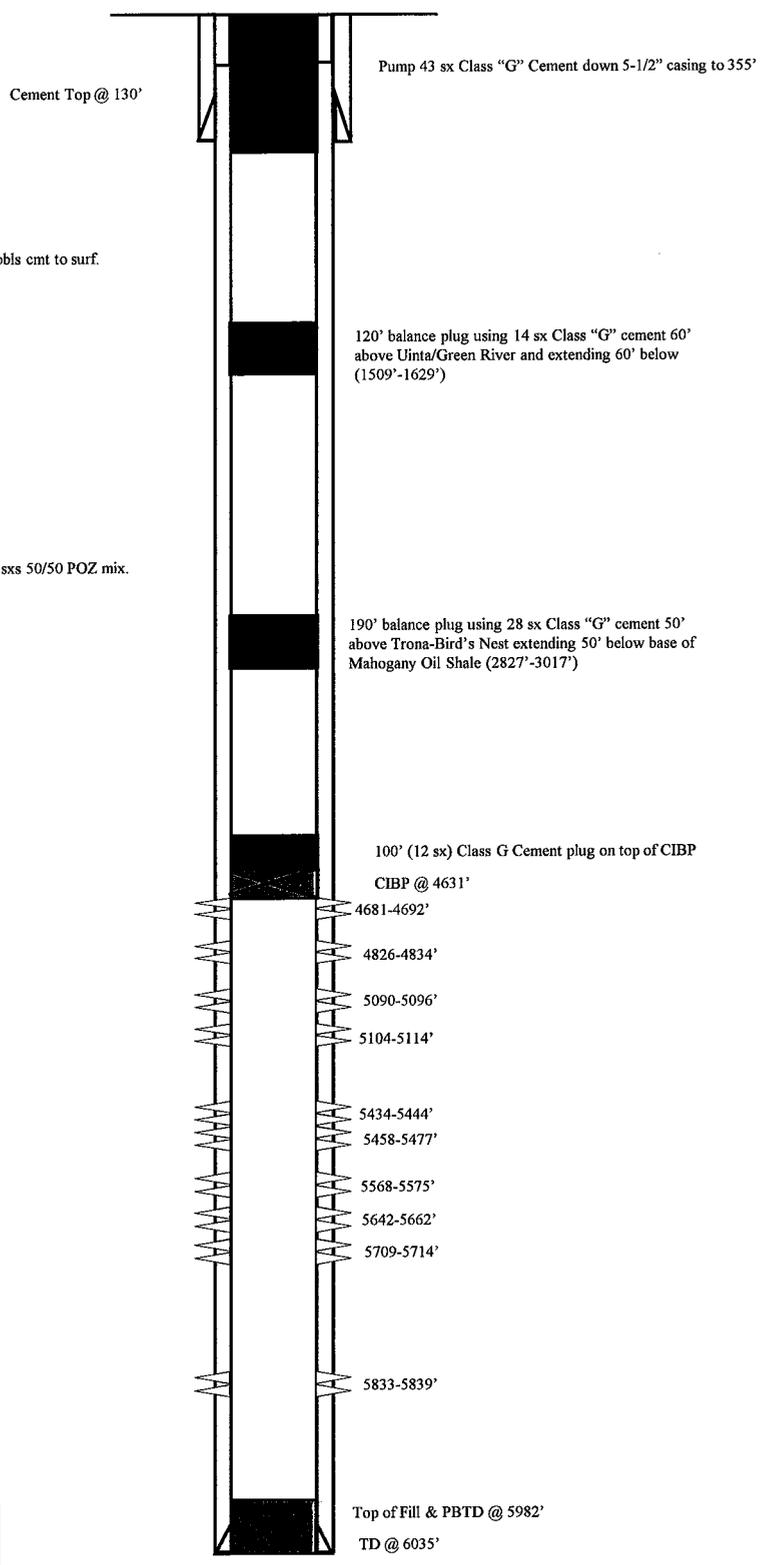
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.91')  
 DEPTH LANDED: 304.91' 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: 142 jts. (6030.64')  
 DEPTH LANDED: 6028.64' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 130'



<p><b>Ashley Federal 10-15-9-15</b>                  1785' FSL &amp; 1957' FEL                  NW/SE Section 15-T9S-R15E                  Duchesne Co, Utah                  API #43-013-32471; Lease #UTU-66184</p>

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

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

API 43-013-32471

West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East

API 43-013-31765

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

API 43-013-32754

Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-32998

Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-33000

Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33103

Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-31681

Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East

API 43-013-33454

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 11<sup>th</sup> day of June, 2013.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 10-15-9-15, WEST POINT U 12-6-9-16,  
JONAH FEDERAL 16-15-9-16, FEDERAL 12-18-9-16,  
FEDERAL 14-18-9-16, FEDERAL 13-19-9-16  
MONUMENT FEDERAL 22-20-9-16, FEDERAL 3-30-9-16**

**Cause No. UIC-410**

Publication Notices were sent to the following:

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

Ute Tribe  
P O Box 190  
Ft. Duchesne, UT 84026

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

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

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

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*

June 11, 2013

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-410

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

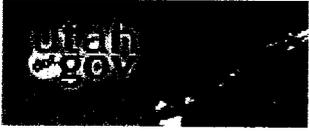
Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

6/12/13

State of Utah Mail - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-410



---

## Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-410

---

**Cindy Kleinfelter** <classifieds@ubstandard.com>

Wed, Jun 12, 2013 at 10:20 AM

To: Jean Sweet <jsweet@utah.gov>

On 6/11/2013 2:40 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

--

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-532

This will run June 18.

Thank you,

Cindy



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*

June 11, 2013

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-410

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

6/12/13

State of Utah Mail - Proof for Notice



---

## Proof for Notice

---

**Stowe, Ken** <naclegal@mediaoneutah.com>  
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>  
To: jsweet@utah.gov

Tue, Jun 11, 2013 at 3:21 PM

AD# 886505  
Run SL Trib & Des News 6/14  
Cost \$267.08  
Thank You

---

 **OrderConf.pdf**  
125K

**Order Confirmation for Ad #0000886505-01**

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

<b>Total Amount</b>	<b>\$267.08</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$267.08</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Cause No. UIC-410	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 78 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	6/14/2013	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	6/14/2013	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	6/14/2013	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	6/14/2013	

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-410

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API 43-013-31765  
Jarah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East  
API 43-013-32754  
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API 43-013-33000  
Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East  
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Dated this 11th day of June, 2013.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager

886505

UPAXLP

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

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www.slttrib.com

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**Deseret News**  
www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/14/2013

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.

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API 43-013-33102  
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API 43-013-31681  
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API 43-013-33454

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

886505

UPAKLP

AFFIDAVIT OF PUBLICATION

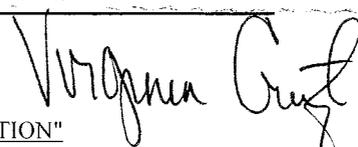
ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000886505 /	
SCHEDULE			
Start 06/14/2013		End 06/14/2013	
CUST. REF. NO.			
Cause No. UIC-410			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES			
SIZE			
78 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
267.08			

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-410 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 06/14/2013 End 06/14/2013

SIGNATURE 

 VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581489  
My Commission Expires January 17, 2014



6/14/2013

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, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of JUNE, 2013, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of JUNE, 2013, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Publisher

Subscribed and sworn to before me on this

19 day of June, 2013

by Kevin Ashby.



Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-410

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 SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-31765

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API 43-013-32754

Federal 12-18-9-

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.

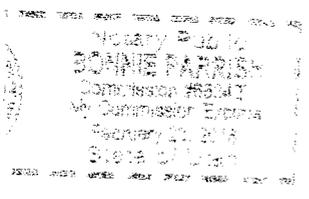
Dated this 11th day of June, 2013.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/

Brad Hill  
Permitting Manager  
Published in the  
Uintah Basin Standard  
June 18, 2013.

Yee Tarnst  
Notary Public



injection wells:  
Greater Monument  
Butte Unit:  
Ashley Federal 10-  
15-9-15 well located  
in NW/4 SE/4, Section  
15, Township 9 South,  
Range 15 East  
API 43-013-32471  
West Point U 12-6-  
9-16 well located in  
NW/4 SW/4, Section  
6, Township 9 South,  
Range 16 East  
API 43-013-31765  
Jonah Federal 16-  
15-9-16 well located  
in SE/4 SE/4, Section  
15, Township 9 South,  
Range 16 East  
API 43-013-32754  
Federal 12-18-9-  
16 well located in  
NW/4 SW/4, Section  
18, Township 9 South,  
Range 16 East  
API 43-013-32998  
Federal 14-18-9-  
16 well located in  
SE/4 SW/4, Section  
18, Township 9 South,  
Range 16 East  
API 43-013-33000  
Federal 13-19-9-  
16 well located in  
SW/4 SW/4, Section  
19, Township 9 South,  
Range 16 East  
API 43-013-33103  
Monument Federal  
22-20-9-16 well lo-  
cated in SE/4 NW/4,  
Section 20, Township  
9 South, Range 16 East  
API 43-013-31681  
Federal 3-30-9-16  
well located in NE/4  
NW/4, Section 30,  
Township 9 South,  
Range 16 East  
API 43-013-33454  
The proceeding will  
be conducted in ac-  
cordance with Utah  
Admin. R649-10, Ad-  
ministrative Proce-  
dures.

Permitting Manager  
Published in the  
Uintah Basin Standard  
June 18, 2013.

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

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

**Location:** 15/9S/15E      **API:** 43-013-32471

**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 and the Ute Tribe. The Federal Government (BLM) and Ute Tribe are the mineral owners 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 305 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,029 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,106 feet. A 2 7/8 inch tubing with a packer will be set at 4,631 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 12 producing wells and 9 injection wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 3 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1600 feet. Injection shall be limited to the interval between 3,977 feet and 5,982 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-15-9-15 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,763 psig. The requested maximum pressure is 1,763 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 10-15-9-15**  
**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: 6/24/2013



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

September 5, 2013

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-15-9-15, Section 15, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32471

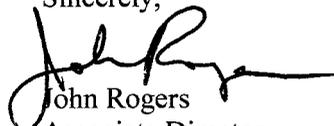
Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,977 feet in the Ashley Federal 10-15-9-15 well.

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

Sincerely,

  
John Rogers  
Associate Director

JR/MLR/js

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

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





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ASHLEY FED 10-15-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013324710000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FSL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 15 Township: 09.0S Range: 15.0E Meridian: S
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 10/16/2013. On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test.

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

Date: October 24, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/21/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/18/13 Time 10:24  am  pm  
Test Conducted by: Michael Jensen  
Others Present: \_\_\_\_\_

Well: Ashby Federal 10-15-9-15 Field: Greater Monument Bette  
Well Location: Ashby Federal 10-15-9-15 API No: 4301332471

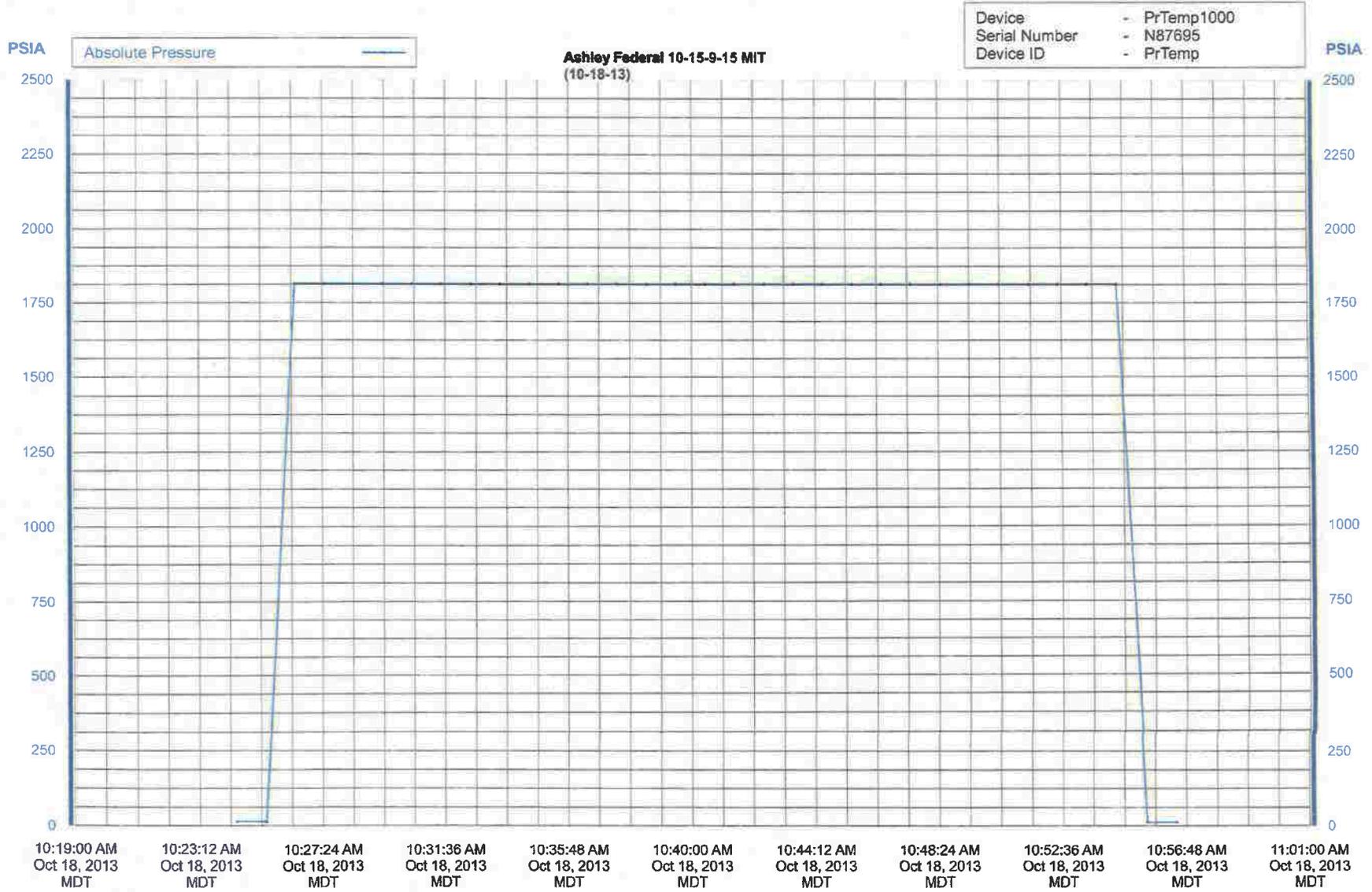
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1816</u>	psig
5	<u>1816</u>	psig
10	<u>1815</u>	psig
15	<u>1815</u>	psig
20	<u>1815</u>	psig
25	<u>1815</u>	psig
30 min	<u>1815</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 50 psig

Result:  **Pass**  **Fail**

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

Signature of Person Conducting Test: Michael Jensen



## Daily Activity Report

Format For Sundrv

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

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

**10/16/2013 Day: 1**

**Conversion**

WWS #7 on 10/16/2013 - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn - 10-15-9-15 8:20 miru rig pump 60 bw down csg 9:00 rdpu9:30 unseat pump ld 1-1/2x22' polish rod, 4'x3/4" pony, flush rods w/ 40bw seat pump 10:30 psi test tbg to 3,000 psi w/ 15 bw good test, ld 99-4per ?", 103-slk ?", 3-4per ?", 20-8per 7/8", 6x1-1/2" wt bars, pump flushed 1 more time w/ 30bw x/o to tbg eq ndwh release tac nu bop ru tbg eq tooh talling tbg, breaking, inspecting, and green doping every connection w/ 100 jts 2-7/8" j-55 tbg flushed 1 more time w/ 30 bw swi ready to flush tbg in AM 6:30sdfn

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$18,295

**10/17/2013 Day: 2**

**Conversion**

WWS #7 on 10/17/2013 - Set packer, get good test on casing. - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg, breaking, inspecting, and green doping every connection w/ 41 more jts 2-7/8 j-55 tbg 8:40-8:55wait for trailer ld 35 jts, 5-1/2 tac, 1 jt, sn, 2 jts, nc. 10:00 Tih w/ 2-3/8" wlenry guide, 2-3/8 xn nipple w/ 1.875 profile, 2-3/8 tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 141 jts 2-7/8"j-55 tbg , 12:00 pump 20 bw down tbg drop sv psi test tbg to 1,500 psi w/ 15 bw 12:35-1:15 psi test tbg -good test- ru and rih w/ sand line retrieve sv pooh and rd sand line mix 20 gall pkr fluid w/ 60 bbls fresh water pump 30 bbls down csg nd bop set pkr @ 4,638' for 15,000# tension, sn @ 4,631', xn n ipple @ 4,646' eot @ 4,648', 33' above top perf nu injection tree land tbg fill csg w/ 25 more bbls well head leaking @ csg ndwh tighten up wh on csg nuwh psi test csg to 1,500 psi @ 3:00-4:15 -good test rd rig ready to road in AM 5:30SDFN - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg, breaking, inspecting, and green doping every connection w/ 41 more jts 2-7/8 j-55 tbg 8:40-8:55wait for trailer ld 35 jts, 5-1/2 tac, 1 jt, sn, 2 jts, nc. 10:00 Tih w/ 2-3/8" wlenry guide, 2-3/8 xn nipple w/ 1.875 profile, 2-3/8 tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 141 jts 2-7/8"j-55 tbg , 12:00 pump 20 bw down tbg drop sv psi test tbg to 1,500 psi w/ 15 bw 12:35-1:15 psi test tbg -good test- ru and rih w/ sand line retrieve sv pooh and rd sand line mix 20 gall pkr fluid w/ 60 bbls fresh water pump 30 bbls down csg nd bop set pkr @ 4,638' for 15,000# tension, sn @ 4,631', xn n ipple @ 4,646' eot @ 4,648', 33' above top perf nu injection tree land tbg fill csg w/ 25 more bbls well head leaking @ csg ndwh tighten up wh on csg nuwh psi test csg to 1,500 psi @ 3:00-4:15 -good test rd rig ready to road in AM 5:30SDFN - 6-7 crew travel and safety meeting flush tbg w/ 30 bw 7 cont tooh talling tbg,

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**Daily Cost:** \$0

**Cumulative Cost:** \$27,143

**10/21/2013 Day: 3**

**Conversion**

Rigless on 10/21/2013 - Conduct initial MIT - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. - On 10/15/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2013 the casing was pressured up to 1815 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$52,855

**Pertinent Files: Go to File List**

# ASHLEY FEDERAL 10-15-9-15

Spud Date: 8-25-2004  
 Put on Production: 10/18/04  
 GL: 6320' KB: 6332'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (294 91")  
 DEPTH LANDED: 304 91" 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: 142 jts. (6030 64")  
 DEPTH LANDED: 6028 64" KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem Lite II mixed & 375 sxs 50/50 POZ mix  
 CEMENT TOP AT: 130'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 141 jts (4620")  
 SEATING NIPPLE: 2-7/8" (1 10")  
 SN LANDED AT: 4632' KB  
 ON/OFF TOOL AT: 4633 1'  
 ARROW #1 PACKER CE AT: 4638 2'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4641 8"  
 TBG PUP 2-3/8 J-55 AT: 4642 3"  
 X/N NIPPLE AT: 4646 4"  
 TOTAL STRING LENGTH: EOT @ 4648 01'

### FRAC JOB

10/11/04 5833-5839' **Frac CP4 sands as follows:**  
 11,595#s 20/40 sand in 219 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2607 psi  
 w/avg rate of 24 5 BPM Screened out

10/12/04 5642-5714' **Frac CP3 & 2 sands as follows:**  
 47,085# 20/40 sand in 449 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1509 psi  
 w/avg rate of 24 6 BPM ISIP 1800 psi Calc  
 flush: 5640 gal Actual flush: 5683 gal

10/13/04 5568-5575' **Frac CP stray sands as follows:**  
 14,202# 20/40 sand in 246 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2185 psi  
 w/avg rate of 24 7 BPM ISIP 2050 psi Calc  
 flush: 5566 gal Actual flush: 5607 gal

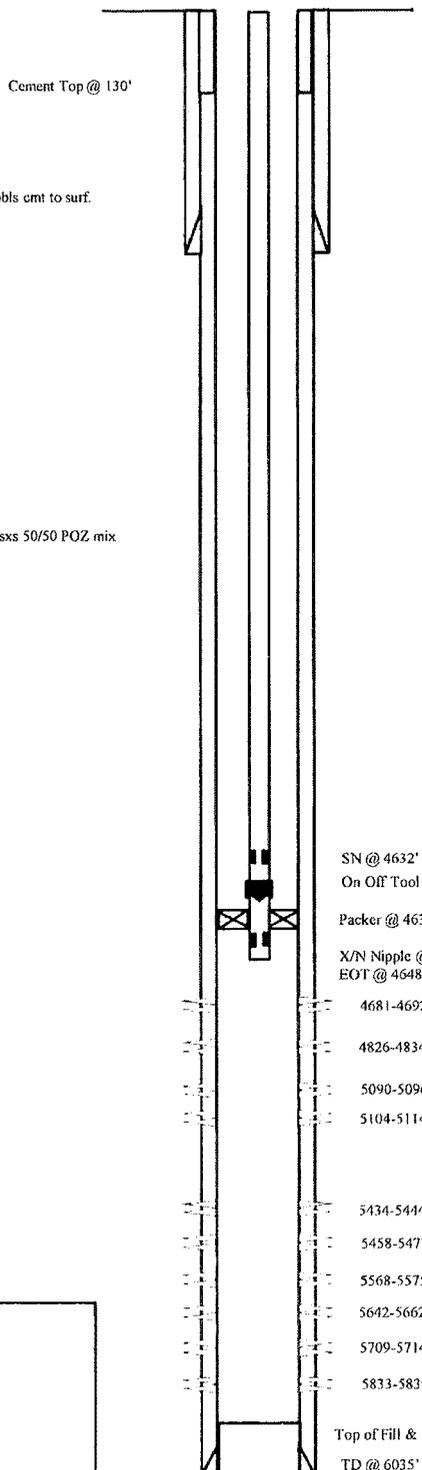
10/13/04 5434-5477' **Frac LODC sands as follows:**  
 175,819# 20/40 sand in 1160 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2281 psi  
 w/avg rate of 24 7 BPM ISIP 2800 psi Calc  
 flush: 5432 gal Actual flush: 5431 gal

10/13/04 5090-5114' **Frac A1 & A3 sands as follows:**  
 58,742# 20/40 sand in 481 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 1449 psi  
 w/avg rate of 24 7 BPM ISIP 1950 psi Calc  
 flush: 5088 gal Actual flush: 5099 gal

10/13/04 4826-4834' **Frac C sands as follows:**  
 18,639# 20/40 sand in 263 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2281 psi  
 w/avg rate of 24 7 BPM ISIP 2100 psi Calc  
 flush: 4824 gal Actual flush: 4864 gal

10/13/04 4681-4692' **Frac D1 sands as follows:**  
 61,420# 20/40 sand in 465 bbls Lightning  
 Frac 17 fluid Treated @ avg press of 2004 psi  
 w/avg rate of 24 7 BPM ISIP 2100 psi Calc  
 flush: 4679 gal Actual flush: 4595 gal

10/16/13 **Convert to Injection Well**  
 10/18/13 **Conversion MIT Finalized - update tbg detail**



### PERFORATION RECORD

Date	Depth Range	Perforation Details
10/07/04	5833-5839'	4 JSPF 24holes
10/12/04	5709-5714'	4 JSPF 20holes
10/12/04	5642-5662'	4 JSPF 80holes
10/12/04	5568-5575'	4 JSPF 28holes
10/13/04	5458-5477'	4 JSPF 76holes
10/13/04	5434-5444'	4 JSPF 40holes
10/13/04	5104-5114'	4 JSPF 40holes
10/13/04	5090-5096'	4 JSPF 24holes
10/13/04	4826-4834'	4 JSPF 32holes
10/13/04	4681-4692'	4 JSPF 44holes



**Ashley Federal 10-15-9-15**  
 1785' FSL & 1957' FEL  
 NW/SE Section 15-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32471; Lease #UTU-66184



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-410

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 10-15-9-15  
**Location:** Section 15, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32471  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 5, 2013.
2. Maximum Allowable Injection Pressure: 1,763 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,977' – 5,982')
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: *Clinton Donahue*  
*for* John Rogers  
Associate Director

11/4/13  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Ute Tribe  
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>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: ASHLEY FED 10-15-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013324710000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FSL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 15 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/7/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on 11/07/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 12, 2013**

<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> 11/11/2013	