

**NEWFIELD**



July 22, 2005

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

RE: Applications for Permit to Drill: Ashley Federal 6-22-9-15, 8-22-9-15, and 12-22-9-15. ✓

Dear Diana:

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

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**  
**JUL 26 2005**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

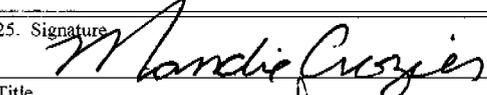
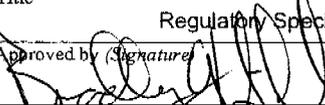
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No. <b>UTU-68548</b>	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. <b>Ashley</b>	
8. Lease Name and Well No. <b>Ashley Federal 8-22-9-15</b>	
9. API Well No. <b>43013-32858</b>	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <b>Monument Butte</b>
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	11. Sec., T., R., M., or Blk. and Survey or Area <b>SE/NE Sec. 22, T9S R15E</b>
2. Name of Operator <b>Newfield Production Company</b>	12. County or Parish <b>Duchesne</b>
3a. Address <b>Route #3 Box 3630, Myton UT 84052</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>(435) 646-3721</b>	14. Distance in miles and direction from nearest town or post office* <b>Approximatley 16.1 miles southwest of Myton, Utah</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>SE/NE 1813' FNL 720' FEL 567350X 40.01873</b> At proposed prod. zone <b>4429924Y -110.21080</b>	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 720' f/lse, 3902' f/unit <b>711.22</b>
16. No. of Acres in lease <b>711.22</b>	17. Spacing Unit dedicated to this well <b>40 Acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1350'	19. Proposed Depth <b>6120'</b>
20. BLM/BIA Bond No. on file <b>UT0056</b>	21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>6447' GL</b>
22. Approximate date work will start* <b>4th Quarter 2005</b>	23. Estimated duration Approximately seven (7) days from spud to ng release.

**24. Attachments**

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

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

25. Signature 	Name (Printed/Typed) <b>Mandie Crozier</b>	Date <b>7/22/05</b>
Title <b>Regulatory Specialist</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>08-09-05</b>
Title <b>ENVIRONMENTAL SCIENTIST III</b>		

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)

**Federal Approval of this  
Action is Necessary**

**RECEIVED**  
**JUL 26 2005**  
**DIV. OF OIL, GAS & MINING**



NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #8-22-9-15  
SE/NE SECTION 22, 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' - 2675'
Green River	2675'
Wasatch	6120'

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

Green River Formation 2675' - 6120' - 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 1800 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.

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #8-22-9-15  
SE/NE SECTION 22, 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 Newfield Production Company well location site Ashley Federal #8-22-9-15 located in the SE 1/4 NE 1/4 Section 22, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 12.7 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road 550'  $\pm$  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

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #8-22-9-15 Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-68548 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-68548 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 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**

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

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

**Threatened, Endangered, And Other Sensitive Species**

None.

**Reserve Pit Liner**

A 12 mil liner with felt will be used at the operators own discretion. 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, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex Confertifolia</i>	6 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	5 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs /acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #8-22-9-15 was on-sited on 4/12/05. The following were present; Shon Mckinnon (Newfield Production), Brad Mecham (Newfield Production), Byron Tolman (Bureau of Land Management), and Amy Torres (Bureau of Land Management). Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

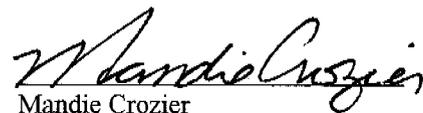
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-22-9-15 SE/NE Section 22, Township 9S, Range 15E: Lease UTU-68548 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 Newfield 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.

7/22/05

Date

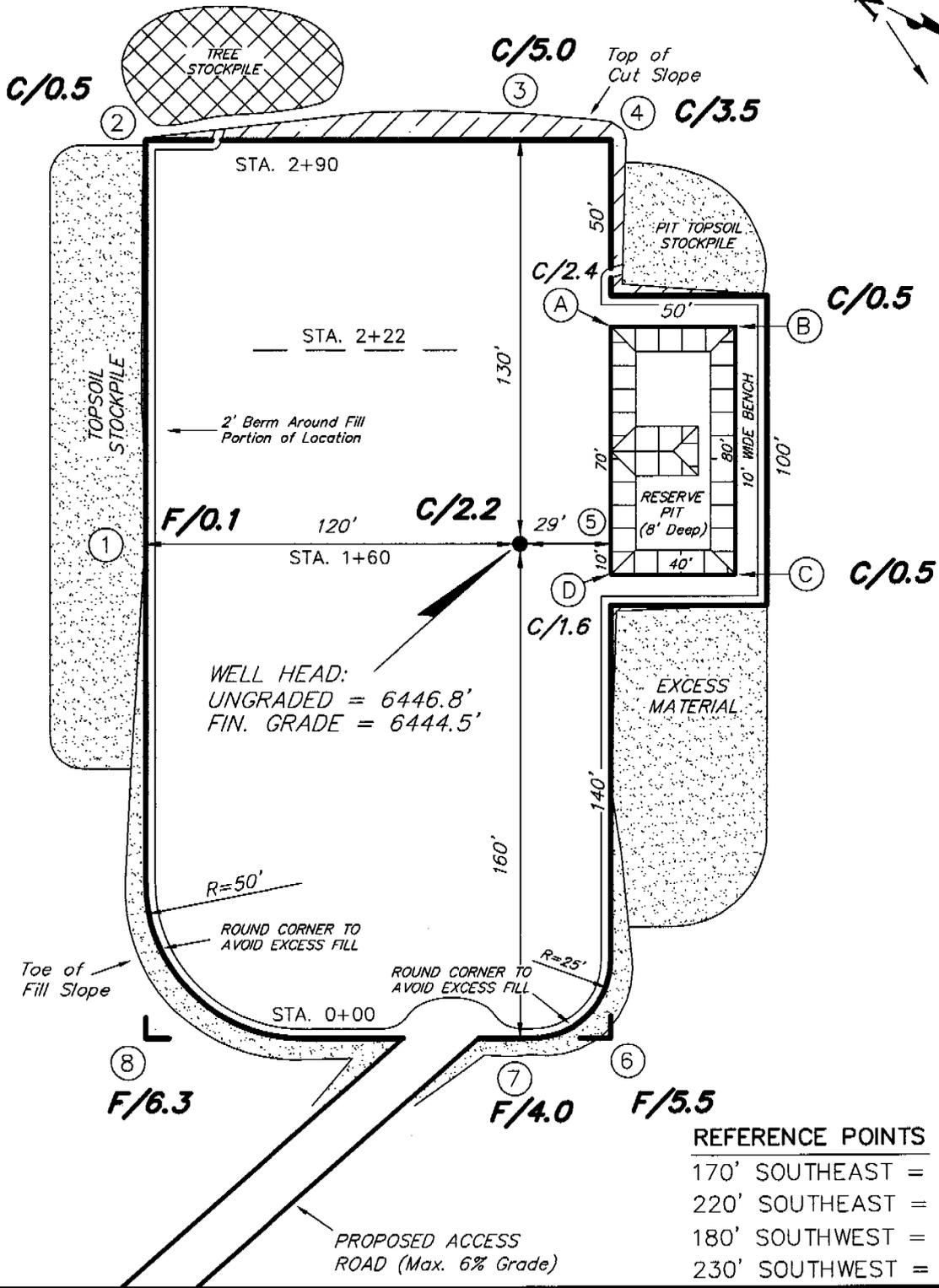
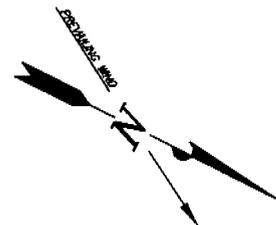


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 8-22

Section 22, T9S, R15E, S.L.B.&M.



REFERENCE POINTS	
170' SOUTHEAST	= 6441.7'
220' SOUTHEAST	= 6433.8'
180' SOUTHWEST	= 6453.8'
230' SOUTHWEST	= 6457.2'

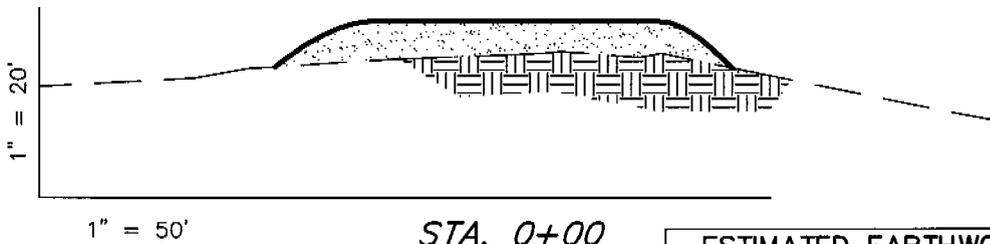
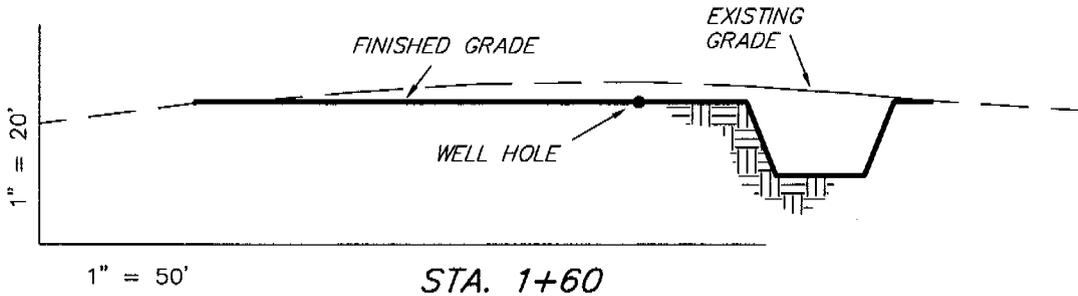
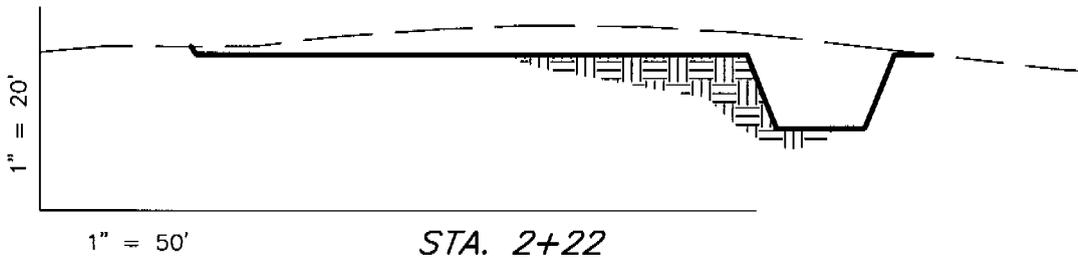
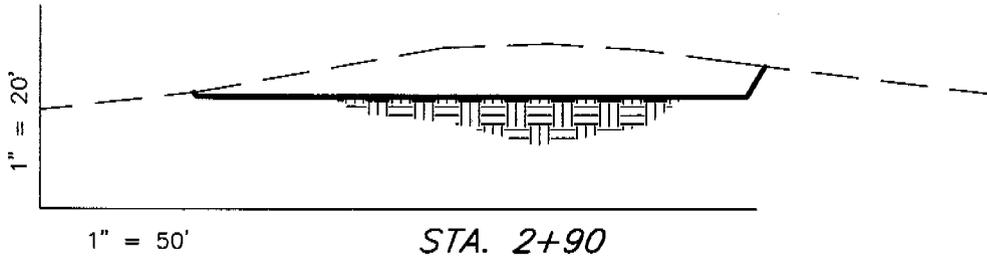
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 6-22-05

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 8-22



**ESTIMATED EARTHWORK QUANTITIES**  
(No Shrink or swell adjustments have been used)  
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,780	1,780	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,420	1,780	950	640

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

SURVEYED BY: D.P.

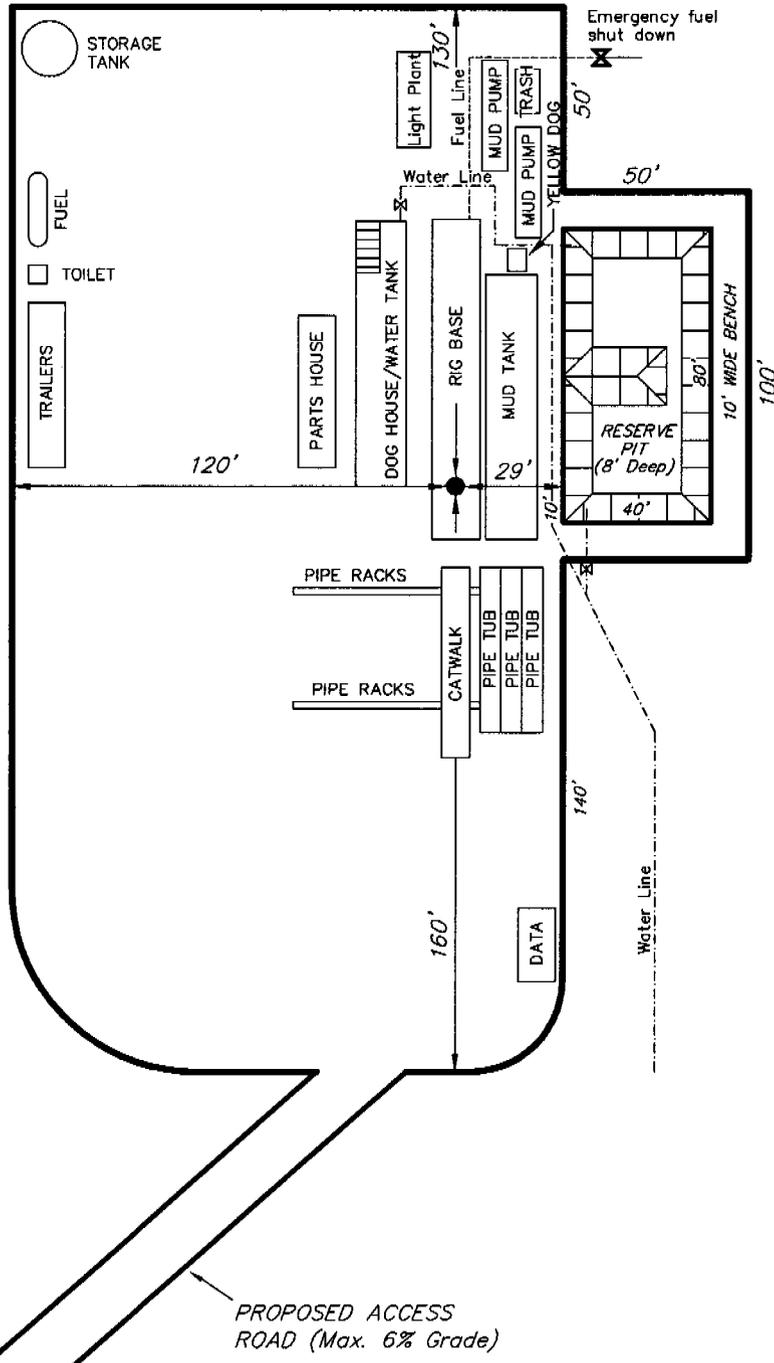
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 6-22-05

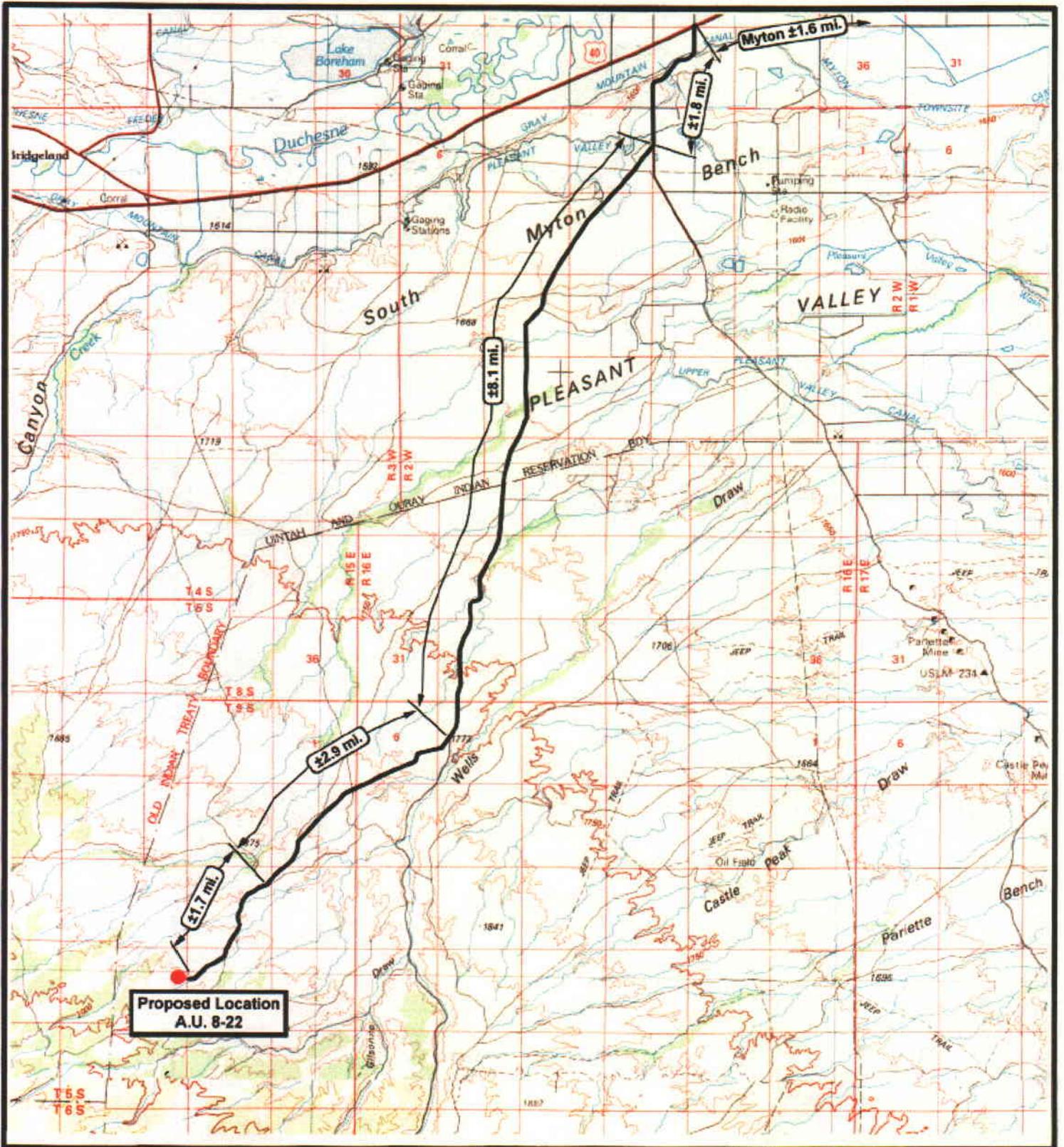
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**ASHLEY UNIT 8-22**



SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 6-22-05

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




  
**NEWFIELD**  
 Exploration Company

---

**Ashley Unit 8-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**




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

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SCALE: 1 = 100,000  
 DRAWN BY: mw  
 DATE: 06-27-2005

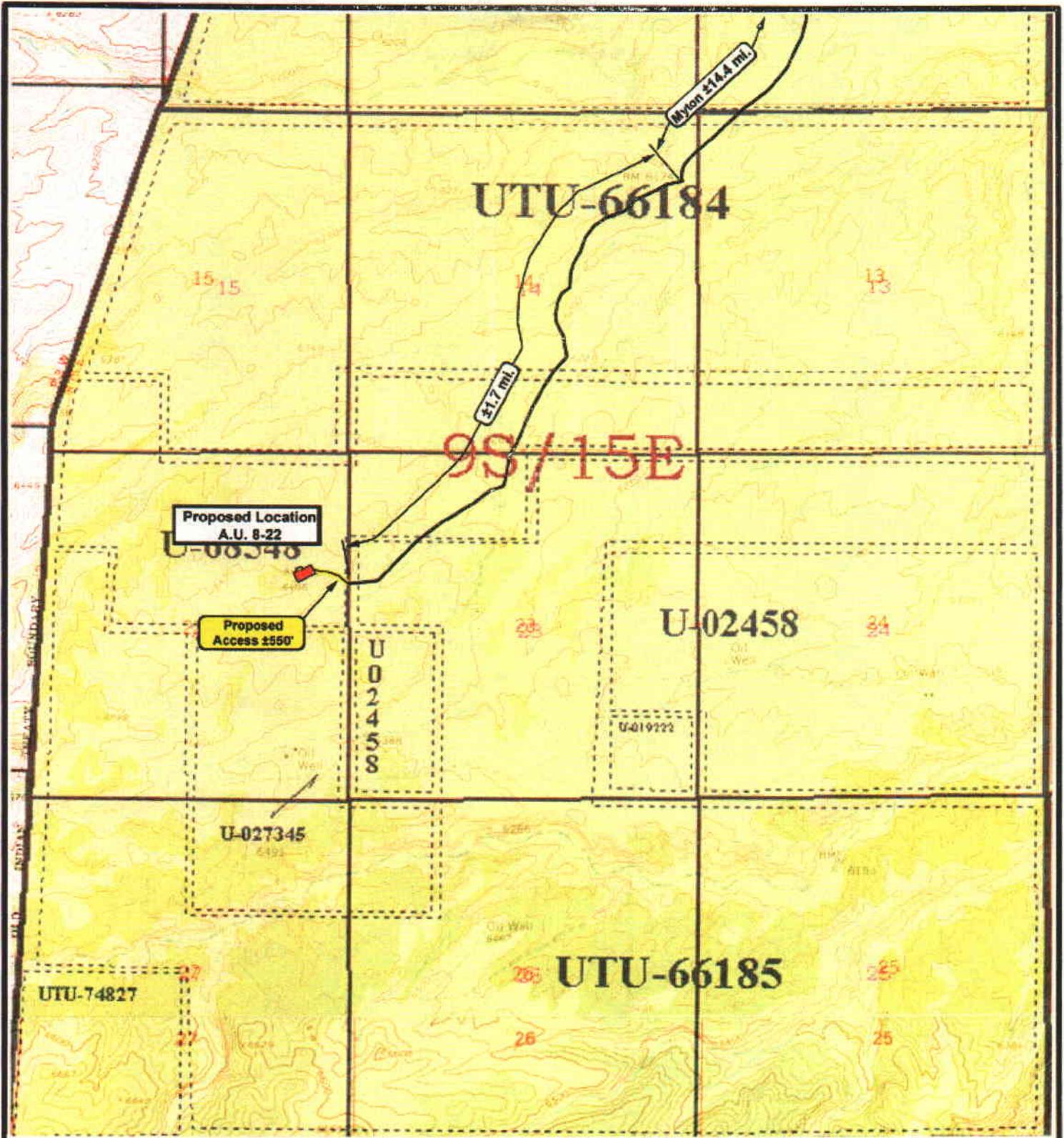
**Legend**

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 Existing Road  
 Proposed Access

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**TOPOGRAPHIC MAP**  
"A"



**Ashley Unit 8-22-9-15  
SEC. 22, T9S, R15E, S.L.B.&M.**



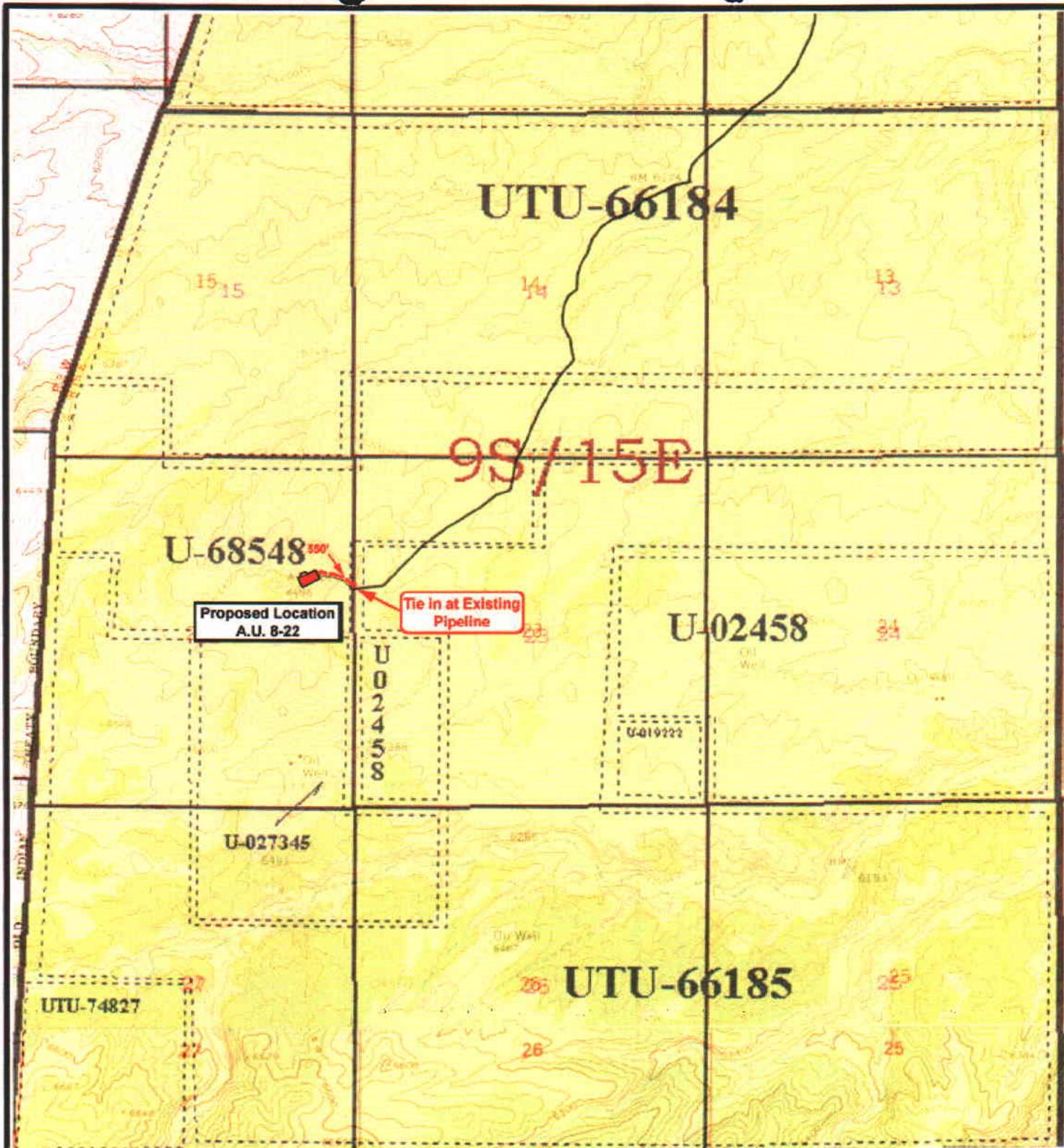
*Tri-State  
Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-27-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"B"**




**NEWFIELD**  
Exploration Company

**Ashley Unit 8-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**



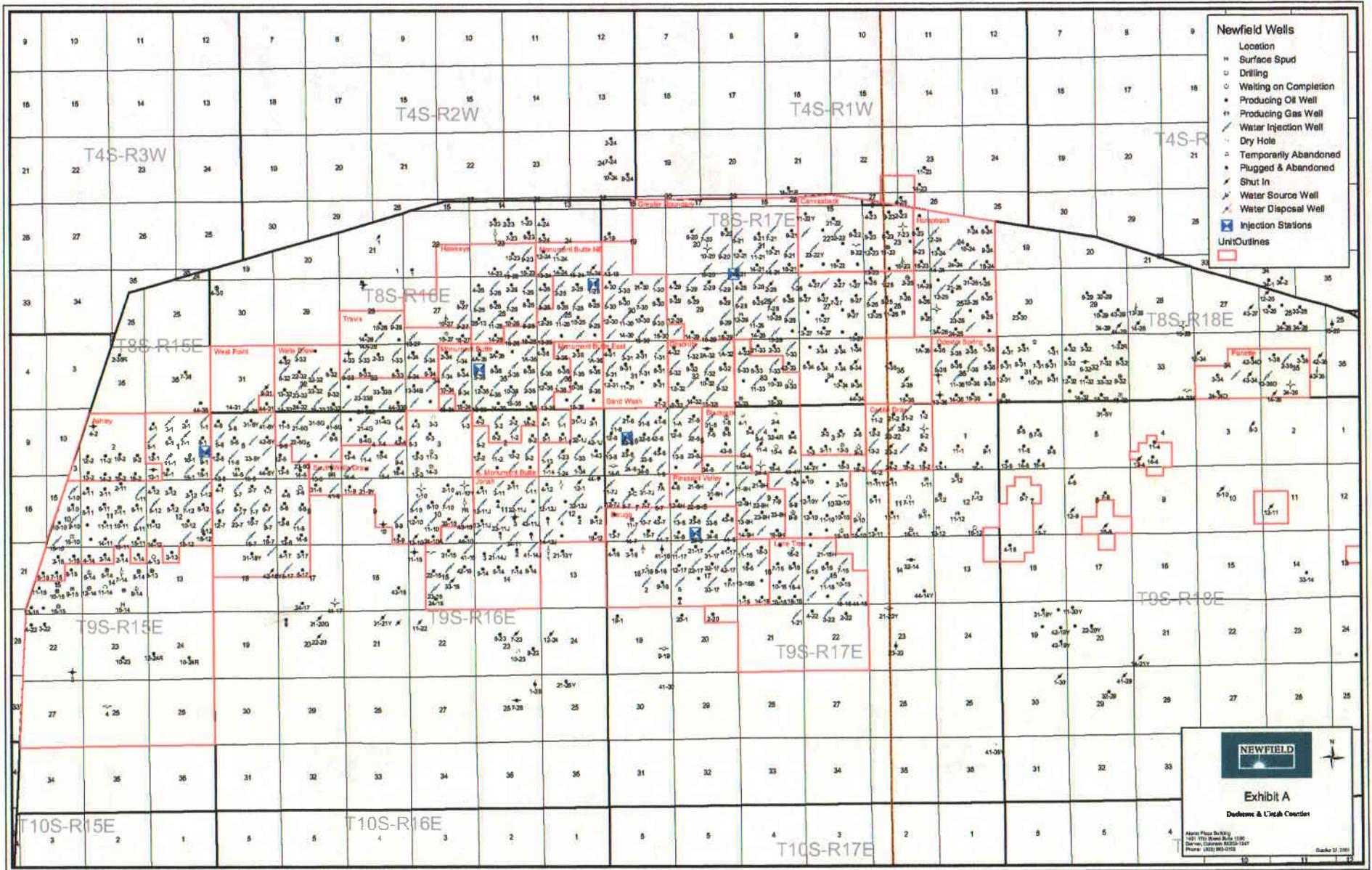

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

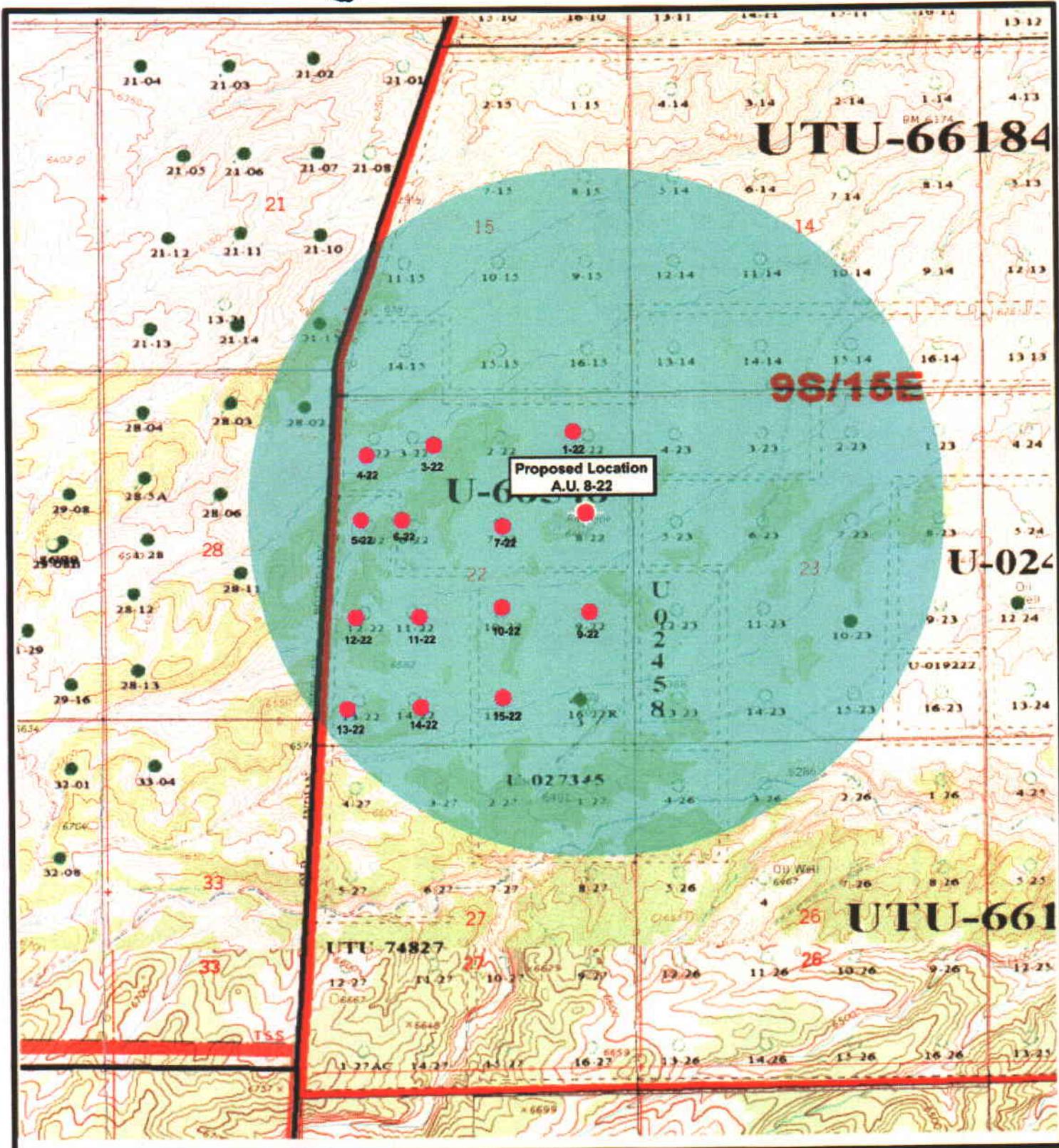
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-27-2005

**Legend**

-  Roads
-  Proposed Gas Line

TOPOGRAPHIC MAP  
**"C"**





**NEWFIELD**  
Exploration Company



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

**Legend**

- Proposed Location
- One-Mile Radius

**Ashley Unit 8-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-27-2005

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

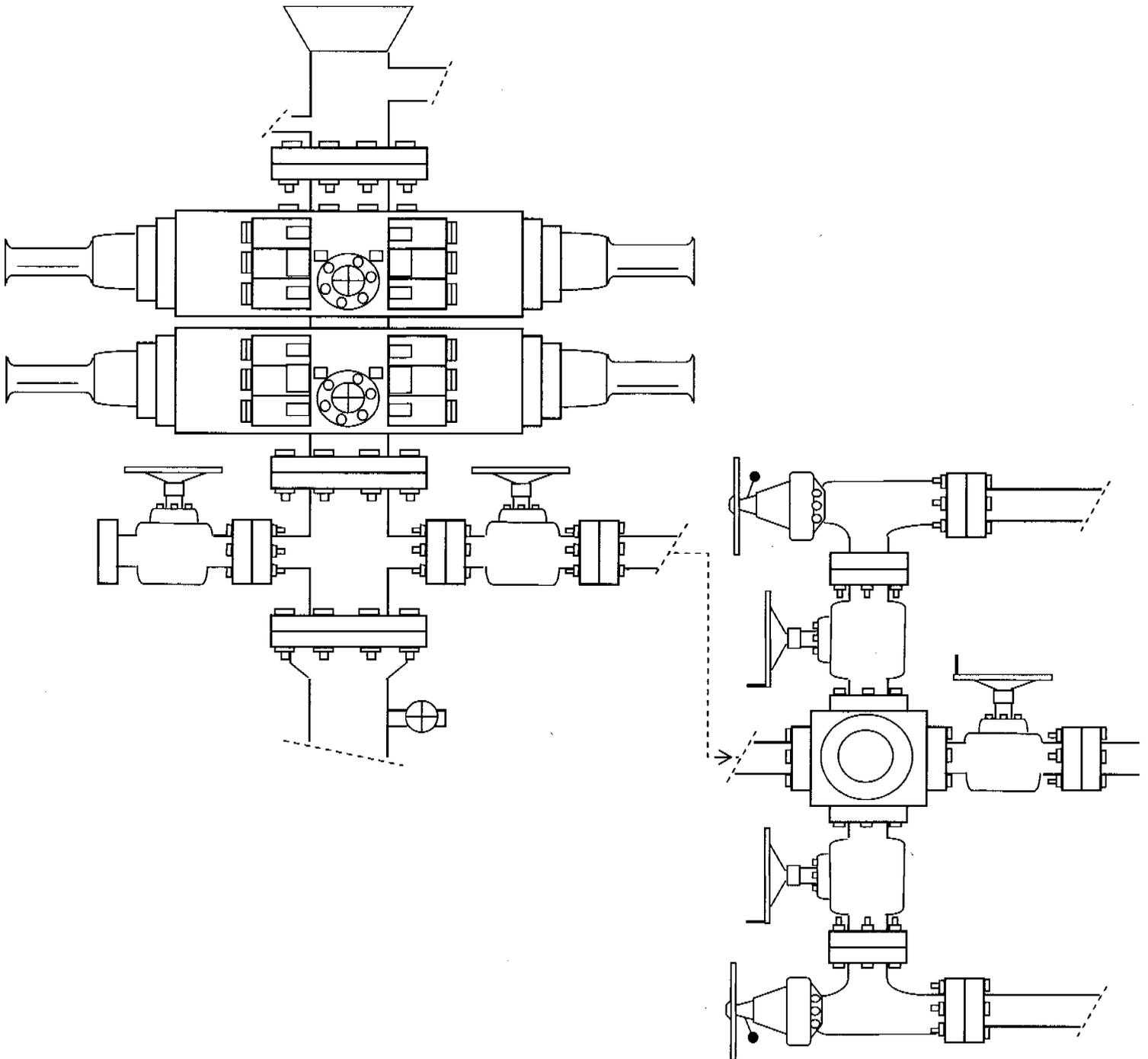


EXHIBIT C

Exhibit "D"  
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24,  
DUCHESNE COUNTY, UTAH

By:

Christopher M Nicholson  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Inland Resources  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

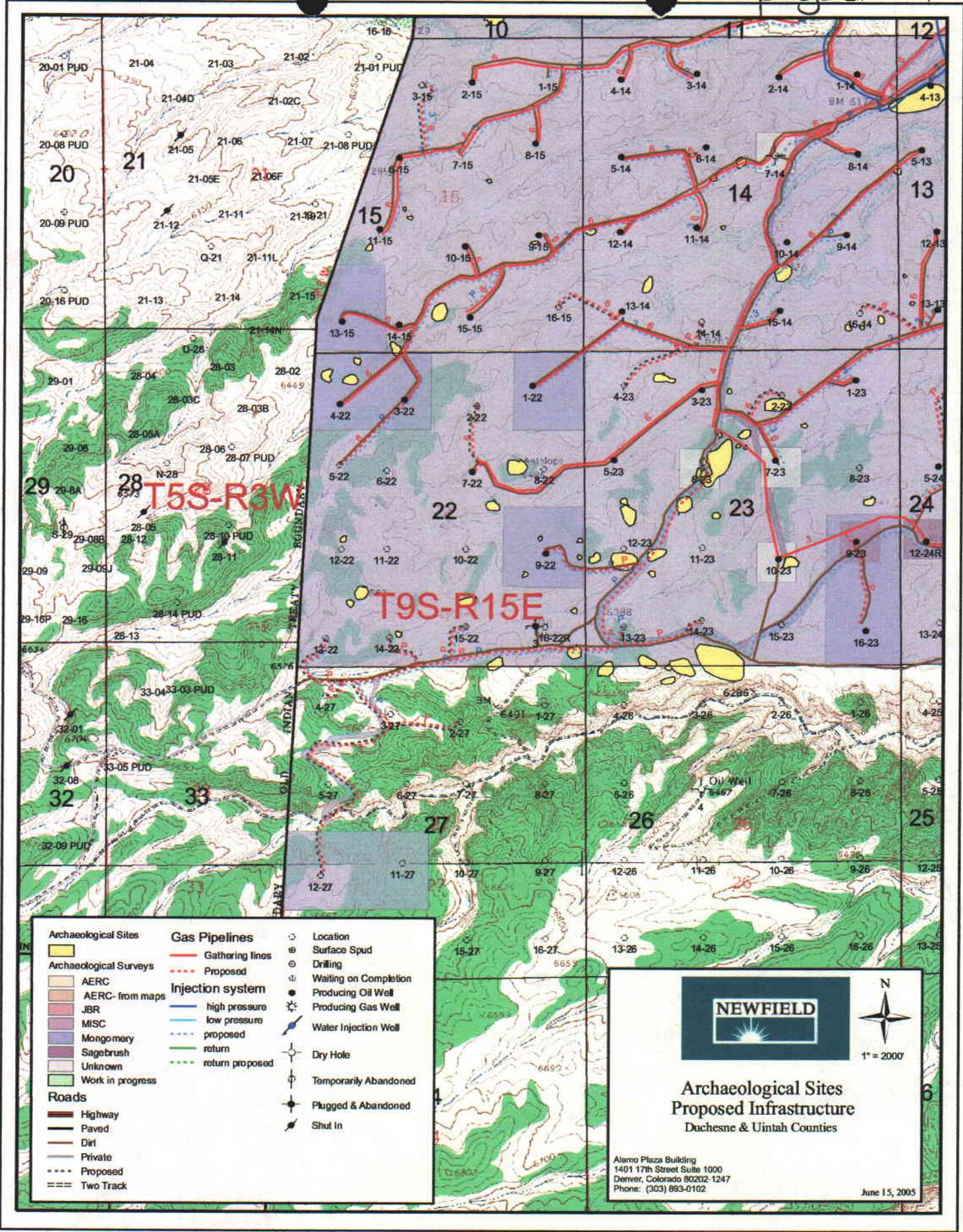
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 03-59

September 15, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0392b



<b>Archaeological Sites</b>	<b>Gas Pipelines</b>	<b>Location</b>
Archaeological Surveys	Gathering lines	Surface Spud
AERC	Proposed	Drilling
AERC- from maps		Waiting on Completion
JBR	<b>Injection system</b>	Producing Oil Well
MISC	high pressure	Producing Gas Well
Montgomery	low pressure	Water Injection Well
Sagebrush	proposed	Dry Hole
Unknown	return	Temporarily Abandoned
Work in progress	return proposed	Plugged & Abandoned
<b>Roads</b>		Shut In
Highway		
Paved		
Dirt		
Private		
Proposed		
Two Track		



1" = 2000'

**Archaeological Sites  
Proposed Infrastructure**  
Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

June 15, 2005

**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)

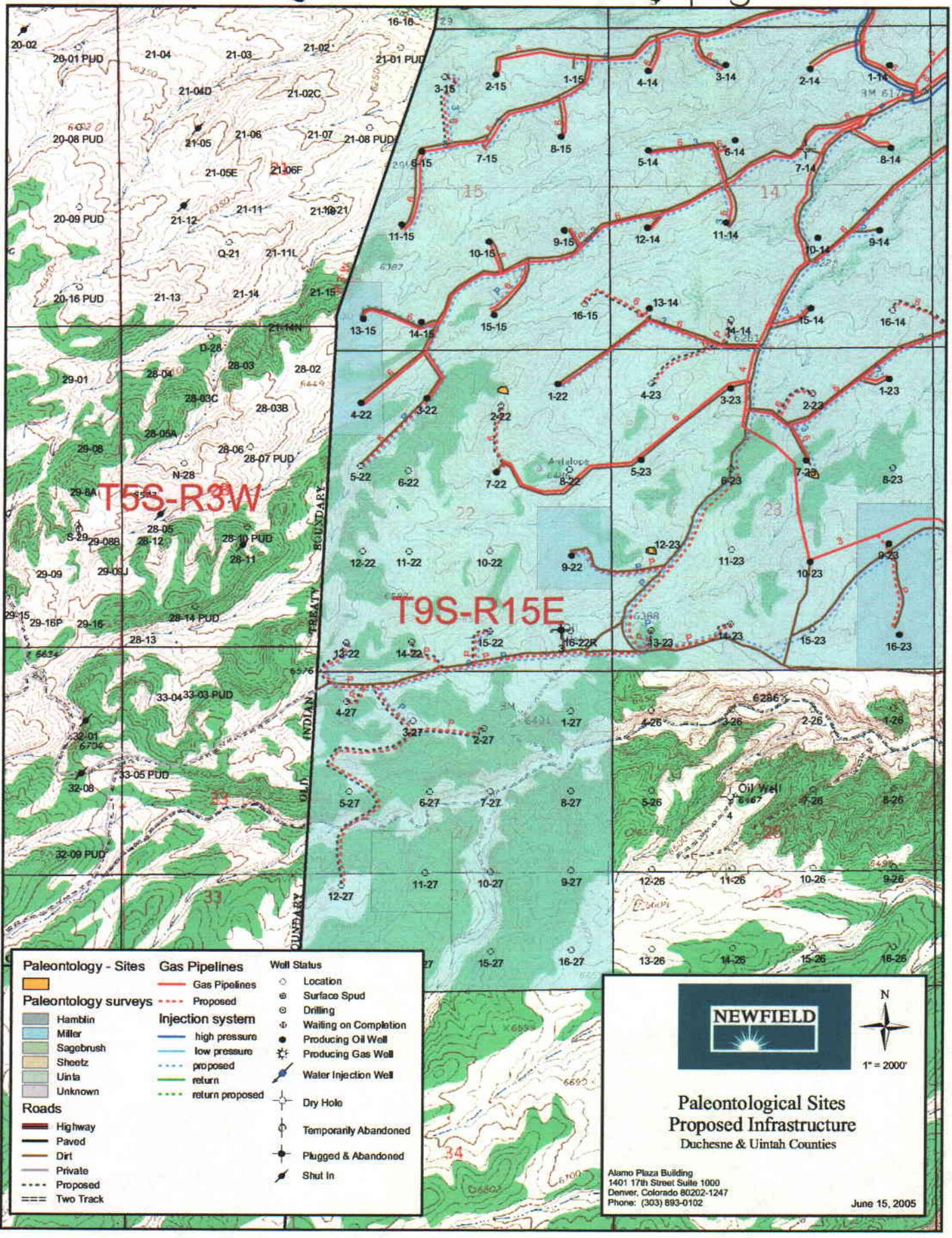
**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003



Paleontology - Sites	Gas Pipelines	Well Status
Paleontology surveys	Gas Pipelines	Location
Hamblin	Proposed	Surface Spud
Miller	Injection system	Drilling
Sagebrush	high pressure	Waiting on Completion
Sheetz	low pressure	Producing Oil Well
Uinta	proposed	Producing Gas Well
Unknown	return	Water Injection Well
Roads	return proposed	Dry Hole
Highway		Temporarily Abandoned
Paved		Plugged & Abandoned
Dirt		Shut In
Private		
Proposed		
Two Track		



**NEWFIELD**



N  
1" = 2000'

**Paleontological Sites  
Proposed Infrastructure**  
Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

June 15, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/26/2005

API NO. ASSIGNED: 43-013-32858

WELL NAME: ASHLEY FED 8-22-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 22 090S 150E  
 SURFACE: 1813 FNL 0720 FEL  
 BOTTOM: 1813 FNL 0720 FEL  
 DUCHESNE  
 MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-68548  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

LATITUDE: 40.01873  
 LONGITUDE: -110.2108

RECEIVED AND/OR REVIEWED:

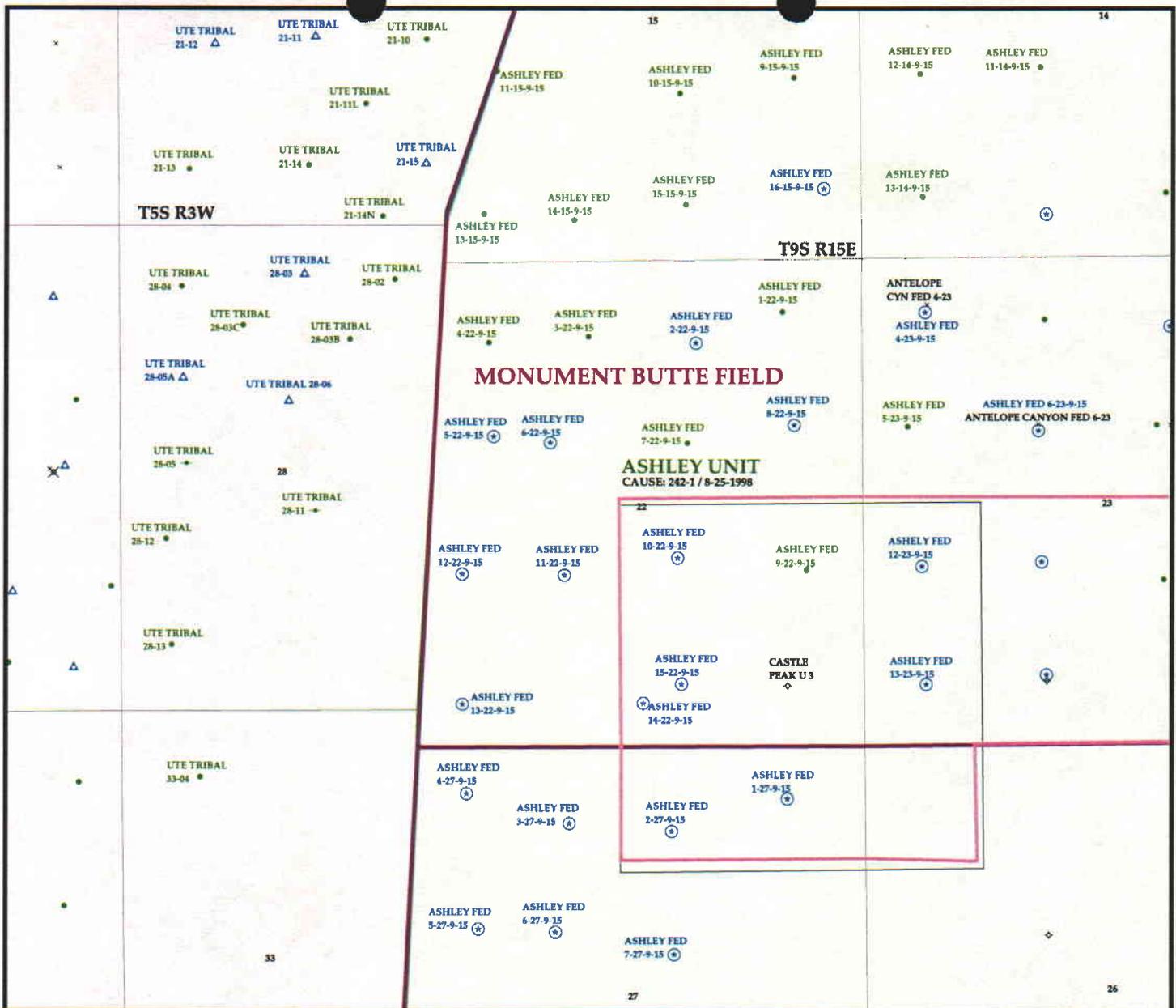
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: Suspend General Siting
- \_\_\_ R649-3-11. Directional Drill

COMMENTS: (SOP, Superint. Files)

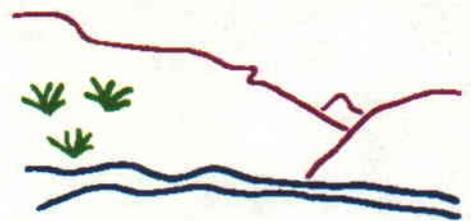
STIPULATIONS: 1- Federal Approved



**MONUMENT BUTTE FIELD**

**ASHLEY UNIT**  
CAUSE: 242-1 / 8-25-1998

**OPERATOR: NEWFIELD PROD CO (N2695)**  
**SEC: 22 T. 9S R. 15E**  
**FIELD: MONUMENT BUTTE (107)**  
**COUNTY: UINTAH**  
**CAUSE: 242-1 / 8-25-1998**



*Utah Oil Gas and Mining*

Wells	Units.shp	Fields.shp
⚡ GAS INJECTION	🔲 EXPLORATORY	🔲 ABANDONED
⊛ GAS STORAGE	🔲 GAS STORAGE	🔲 ACTIVE
⊗ LOCATION ABANDONED	🔲 NF PP OIL	🔲 COMBINED
⊕ NEW LOCATION	🔲 NF SECONDARY	🔲 INACTIVE
⊖ PLUGGED & ABANDONED	🔲 PENDING	🔲 PROPOSED
⊙ PRODUCING GAS	🔲 PI OIL	🔲 STORAGE
⊚ PRODUCING OIL	🔲 PP GAS	🔲 TERMINATED
⊛ SHUT-IN GAS	🔲 PP GEOTHERML	
⊖ SHUT-IN OIL	🔲 PP OIL	
⊗ TEMP. ABANDONED	🔲 SECONDARY	
⊕ TEST WELL	🔲 TERMINATED	
⊕ WATER INJECTION		
⊕ WATER SUPPLY		
⊕ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY  
DATE: 28-JULY-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

July 28, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32857	Ashley Fed	6-22-9-15 Sec 22 T09S R15E 1949 FNL 1157 FWL
43-013-32858	Ashley Fed	8-22-9-15 Sec 22 T09S R15E 1813 FNL 0720 FEL
43-013-32859	Ashley Fed	12-22-9-15 Sec 22 T09S R15E 1891 FSL 0476 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-28-05



State of Utah

Department of  
Natural Resources

MICHAEL R. STYLER  
*Executive Director*

Division of  
Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 9, 2005

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

Re: Ashley Federal 8-22-9-15 Well, 1813' FNL, 720' FEL, SE NE,  
Sec. 22, 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 43-013-32858.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number Ashley Federal 8-22-9-15  
API Number: 43-013-32858  
Lease: UTU-68548

Location: SE NE                      Sec. 22                      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.

RECEIVED

JUL 26 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-68548
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Ashley Federal 8-22-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1813' FNL 720' FEL At proposed prod. zone		9. API Well No. 43,013,32858
14. Distance in miles and direction from nearest town or post office* Approximatley 16.1 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 720' f/lea, 3902' f/unit	16. No. of Acres in lease 711.22	11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 22, T9S R15E
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. 1350'	12. County or Parish Duchesne
19. Proposed Depth 6120'	20. BLM/BIA Bond No. on file UT0056	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6447' GL	22. Approximate date work will start* 4th Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 7/22/05
Title Regulatory Specialist		
Approved by (Signature) <i>Thomas Blum</i>	Name (Printed/Typed) Thomas Blum	Date 04/04/2006
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.

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR [unclear]

RECEIVED

APR 06 2006

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Newfield Production Company      **Location:** SENE, Sec. 22, T9S, R15E  
**Well No:** Ashley Federal 8-22-9-15      **Lease No:** UTU-68548  
**API No:** 43-013-32858      **Agreement:** Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
<b>After hours contact number:</b>	<b>(435) 781-4513</b>	<b>FAX:</b> (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Nathaniel West)            | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Nathaniel West)              | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

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

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- The reserve pit will be lined with a 16 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

- Prevent fill and stock piles from entering drainages.
- **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
- The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not OSHA regulated will be painted Olive Black.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- Interim Reclamation (see below):
  - Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
    - Interim Reclamation Seed Mix for location:

• Galleta grass	<i>Hilaria jamesii</i>	6 lbs/acre
• Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre
    - The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
    - There shall be no primary or secondary noxious weeds in the seed mixture.
    - Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
    - The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

## **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status

without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration

and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 8-22-9-15

Api No: 43-013-32858 Lease Type: FEDERAL

Section 22 Township 09S Range 15E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

**SPUDDED:**

Date 04/24/06

Time 9:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 04/24/2006 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3639  
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		
B	99999	11486	43-013- <del>3013</del> <sup>33013</sup>	GILSONITE STATE Q- <del>32-9-18</del> <sup>32-8-17</sup>	NWSW	32	8S	17E	DUCHESNE	04/18/06	4/27/06

WELL COMMENTS: GRRV -K

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11486	43-013-33012	GILSONITE STATE N- <del>32-9-18</del> <sup>32-8-17</sup>	NWSW	32	8S	17E	DUCHESNE	04/19/06	4/27/06

WELL COMMENTS: GRRV -K

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	15344	43-047-35775	STATE J-2-9-18	NWNE	2	9S	18E	UINTAH	04/23/06	4/27/06

WELL COMMENTS: GRRV -K

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32858	ASHLEY FEDERAL 8-22-9-15	SENE	22	9S	15E	DUCHESNE	04/26/06	4/27/06

WELL COMMENTS: GRRV -K

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	15345	43-047-35787	State FEDERAL 7-2-9-18	SWNE	2	9S	18E	UINTAH	04/20/06	4/27/06

WELL COMMENTS: GRRV -K

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	15346	43-047-36665	FEDERAL 13-29-8-18	SWSW	29	8S	18E	UINTAH	04/24/06	4/27/06

WELL COMMENTS: GRRV -K

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

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

Kim Kettle  
Signature Kim Kettle

Production Clerk April 27, 2006  
Title Date

RECEIVED  
APR 27 2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPlicate (Other instructions on reverse side)		5. Lease Serial No. UTU68548
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA/Agreement, Name and/or No. ASHLEY PA A
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	8. Well Name and No. ASHLEY FEDERAL 8-22-9-15
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1813 FNL 720 FEL SE/NE Section 22 T9S R15E		9. API Well No. 4301332858
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

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

On 4/24/2006 MIRU Ross Rig # 24. Spud well @ 9:30 AM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 311.79' KB On 4/27/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned .5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Troy Zufelt	Title Drilling Foreman
Signature 	Date 04/27/2006

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

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(Instructions on reverse)

RECEIVED

MAY 05 2006

DIV. OF OIL, GAS & MINING

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

8 5/8 CASING SET AT 311.79

LAST CASING 8 5/8" set @ 311.79  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 308' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Federal 8-22-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 24

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.65'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	299.94
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		301.79
TOTAL LENGTH OF STRING			301.79	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>311.79</b>
TOTAL			299.94	7			
TOTAL CSG. DEL. (W/O THRDS)			299.94	7	} COMPARE		
TIMING			1ST STAGE				
BEGIN RUN CSG.			Spud	4/24/2006	9:30 AM	GOOD CIRC THRU JOB <u>YES</u>	
CSG. IN HOLE				4/25/2006	10:00 AM	Bbls CMT CIRC TO SURFACE <u>0.5</u>	
BEGIN CIRC				4/27/2006	9:48 AM	RECIPROCATED PIPE FOR <u>N/A</u>	
BEGIN PUMP CMT				4/27/2006	9:57 AM		
BEGIN DSPL. CMT				4/27/2006	10:06 AM	BUMPED PLUG TO <u>554</u> PSI	
PLUG DOWN				4/27/2006	10:15 AM		
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 4/27/2006

**RECEIVED**

MAY 05 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1813 FNL 720 FEL  
 SE/NE    Section 22 T9S R15E

5. Lease Serial No.  
 UTU68548

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL 8-22-9-15

9. API Well No.  
 4301332858

10. Field and Pool, or Exploratory Area  
 Monument Butte

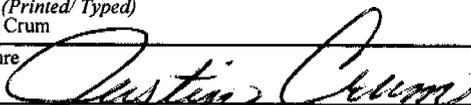
11. County or Parish, State  
 Duchesne, UT

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

On 5/4/06 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 @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6120'. 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, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 6119' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 20 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 120,000 #'s tension. Release rig @ 7:30 PM on 5/7/06.

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Justin Crum	Drilling Foreman
Signature 	Date 05/13/2006

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

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

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(Instructions on reverse)

RECEIVED  
MAY 17 2006  
DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6119.63

Flt cllr @ 6015.67'

LAST CASING 8 5/8" SET AT 311.33'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Ashley Federal 8-22-9-15

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # NDSI#1

TD DRILLER 6120' Loggers TD 6120'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>5.88 @ 3971'</b>					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6015.67
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.61
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6121.63
TOTAL LENGTH OF STRING		6121.63	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		260.21	6	CASING SET DEPTH			<b>6119.63</b>
<b>TOTAL</b>		<b>6366.59</b>	143	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6366.59	143				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		5/7/2006	10:30 AM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		5/7/2006	1:00 PM	Bbls CMT CIRC TO SURFACE		20 bbls	
BEGIN CIRC		5/7/2006	1:05 PM	RECIPROCATED PIPE FOR		THRUSTROKE No	
BEGIN PUMP CMT		5/7/2006	2:31 PM	DID BACK PRES. VALVE HOLD ?		Yes	
BEGIN DSPL. CMT		5/7/2006	3:31 PM	BUMPED PLUG TO		1700 PSI	
PLUG DOWN		5/7/2006	3:47 PM				
CEMENT USED		<b>B. J.</b>					
STAGE	# SX						
1	325	Premlite II w/ 10% gel + 3% KCL, .5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	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 Justin Crum DATE 5/7/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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)  
1813 FNL 720 FEL  
SE/NE Section 22 T9S R15E

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 8-22-9-15

9. API Well No.

4301332858

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct	Title
Name (Printed/Typed) Mandie Crozier	Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 06/05/2006

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

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

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(Instructions on reverse)

**JUN 07 2006**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
UTU68548

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
ASHLEY FEDERAL 8-22-9-15

9. API Well No.  
4301332858

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1813 FNL 720 FEL  
SE/NE Section 22 T9S R15E

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

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

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Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 6/12/06  
By: [Signature]

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist	10/6/06 BA
Signature [Signature]	Date 06/05/2006	

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

Approved by _____	Title _____	Date _____
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(Instructions on reverse)

JUN 07 2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU68548
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. ASHLEY PA A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1813 FNL 720 FEL SE/NE Section 22 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 8-22-9-15
		9. API Well No. 4301332858
		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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 05/19/06 - 06/02/06

Subject well had completion procedures initiated in the Green River formation on 05-19-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5629'-5646'), (5554'-5560'); Stage #2 (4828'-4835'), (4804'-4814'); Stage #3 (4702'-4708'); Stage #4 (4612'-4634'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 02-27-2006. Bridge plugs were drilled out and well was cleaned to 6076'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 06-02-2006.

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Lana Nebeker	Production Clerk
Signature <i>Lana Nebeker</i>	Date 07/03/2006

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

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(Instructions on reverse)

**RECEIVED**  
JUL 05 2006  
DIV. OF OIL, GAS & MINING

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

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-68548

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

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

7. UNIT AGREEMENT NAME

Ashley Unit

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

Ashley Federal 8-22-9-15

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-32858

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 1813' FNL & 720' FEL (SE/NE) Sec. 22, T9S, R15E

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

Sec. 22, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32858 DATE ISSUED 8/9/05

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

15. DATE SPUNDED  
4/24/06

16. DATE T.D. REACHED  
5/7/06

17. DATE COMPL. (Ready to prod.)  
6/2/06

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
6447' GL 6459' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
6120'

21. PLUG BACK T.D., MD & TVD  
6076'

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 4612'-5646'

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#	312'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6120'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5732'	TA @ 5601'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC&CP2) 5554'-60', 5629'-46'	.46"	4/92	5554'-5646'	Frac w/ 66,054# 20/40 sand in 522 bbls fluid
(D3&C) 4804'-14', 4828'-35'	.43"	4/68	4804'-4835'	Frac w/ 59,712# 20/40 sand in 468 bbls fluid
(D1) 4702'-4708'	.43"	4/24	4702'-4708'	Frac w/ 19,553# 20/40 sand in 289 bbls fluid
(DS3) 4612'-4634'	.43"	4/88	4612'-4634'	Frac w/ 88,286# 20/40 sand in 648 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.\* PRODUCTION

DATE FIRST PRODUCTION 6/2/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 28	GAS--MCF. 67	WATER--BBL. 44	GAS-OIL RATIO 2393
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 74-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

Received

35. LIST OF ATTACHMENTS

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

SIGNED Mandie Crozier  
Mandie Crozier

TITLE Regulatory Specialist

JUL 14 2006

DATE 7/6/2006

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 8-22-9-15			
				Garden Gulch Mkr	3670'	
				Garden Gulch 1	3882'	
				Garden Gulch 2	3983'	
				Point 3 Mkr	4228'	
				X Mkr	4506'	
				Y-Mkr	4541'	
				Douglas Creek Mkr	4648'	
				BiCarbonate Mkr	4884'	
				B Limestone Mkr	4979'	
				Castle Peak	5568'	
				Basal Carbonate	6000'	
				Total Depth (LOGGERS)	6120'	

38.



October 21, 2011

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

RE: Permit Application for Water Injection Well  
Ashley Federal #8-22-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 22-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #8-22-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is written in a cursive style and is positioned above the typed name and title.

Eric Sundberg  
Regulatory Lead

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

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #8-22-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**OCTOBER 21, 2011**

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Ashley Federal #8-22-9-15

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DM OF CL, BUREAU



# Ashley Federal 8-22-9-15

Spud Date: 04/24/06  
 Put on Production: 06/02/06  
 K.B.: 6489, G.L.: 6477

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

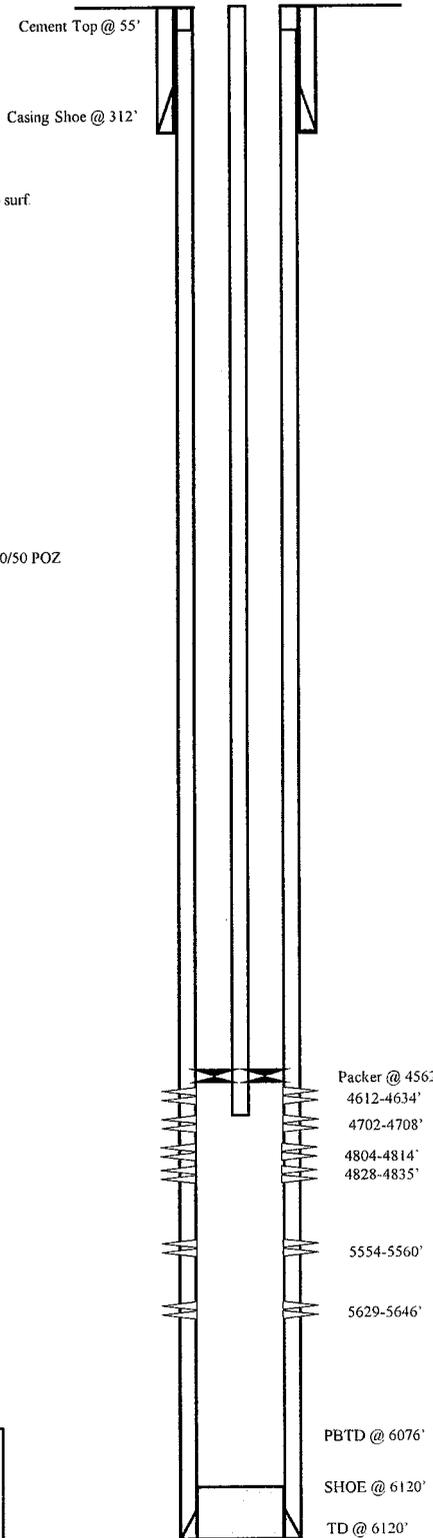
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (299.94')  
 DEPTH LANDED: 311.79' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (6058.28')  
 DEPTH LANDED: 6119.63' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP: 55'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 177 jts (5586.7')  
 TUBING ANCHOR: 5586.7' KB  
 NO OF JOINTS: 2 jts (63.3')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5652.8' KB  
 NO OF JOINTS: 2 jts (63.40')  
 TOTAL STRING LENGTH: EOT @ 5717.3' KB



### FRAC JOB

05/25/06	5554-5646'	<b>Frac LODC, CP2, sands as follows:</b> 66054# 20/40 sand in 522 bbls Lightning 17 frac fluid Treated @ avg press of 1772 psi w/avg rate of 25.3 BPM ISIP 2175 psi Calc flush: 5644gal Actual flush: 5040 gal
05/25/06	4804-4835'	<b>Frac D3, C sands as follows:</b> 59712# 20/40 sand in 468 bbls Lightning 17 frac fluid Treated @ avg press of 1963 psi w/avg rate of 25.2 BPM ISIP 2520 psi Calc flush: 4833 gal Actual flush: 4284 gal
05/31/06	4702-4708'	<b>Frac D1 sands as follows:</b> 19553# 20/40 sand in 289 bbls Lightning 17 frac fluid Treated @ avg press of 2515 psi w/avg rate of 25.2 BPM ISIP 2080 psi Calc flush: 4706 gal Actual flush: 4242 gal
05/31/06	4612-4634'	<b>Frac DS3 sands as follows:</b> 88286# 20/40 sand in 648 bbls Lightning 17 frac fluid Treated @ avg press of 2672 psi w/avg rate of 24.9 BPM ISIP 3495 psi Calc flush: 4632 gal Actual flush: 4536 gal
12/05/06		Pump change. Update rod and tubing leak
01/18/07		Pump Change Rod & Tubing detail updated
06/21/07		Tubing Leak Update rod and tubing details
3/19/09		Pump Change Updated r & t details
6/16/09		Parted rods. Updated r & t details
3/31/10		Pump change. Updated rod and tubing detail

### PERFORATION RECORD

05/19/06	5629-5646'	4 JSPF	68 holes
05/19/06	5554-5560'	4 JSPF	24 holes
05/25/06	4828-4835'	4 JSPF	28 holes
05/25/06	4804-4814'	4 JSPF	40 holes
05/25/06	4702-4708'	4 JSPF	24 holes
05/31/06	4612-4634'	4 JSPF	88 holes

**NEWFIELD**

---

**Ashley Federal 8-22-9-15**

1813' FNL & 720' FEL  
 SE/NE Section 8-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32858; Lease #UTU-66185

## **WORK PROCEDURE FOR INJECTION CONVERSION**

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

Ashley Federal #8-22-9-15

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

**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 #8-22-9-15 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 #8-22-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3983' - 6076'). 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 3670' and the TD is at 6120'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #8-22-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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DIV. OF OIL, GAS & MINING

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 312' KB, and 5-1/2", 15.5# casing run from surface to 6120' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

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**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 2049 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 #8-22-9-15, for existing perforations (5612' - 5646') calculates at 0.88 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 2049 psig. We may add additional perforations between 3670' and 6120'. 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 #8-22-9-15, the proposed injection zone (3983' - 6076') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-13.

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

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

See Attachment C.

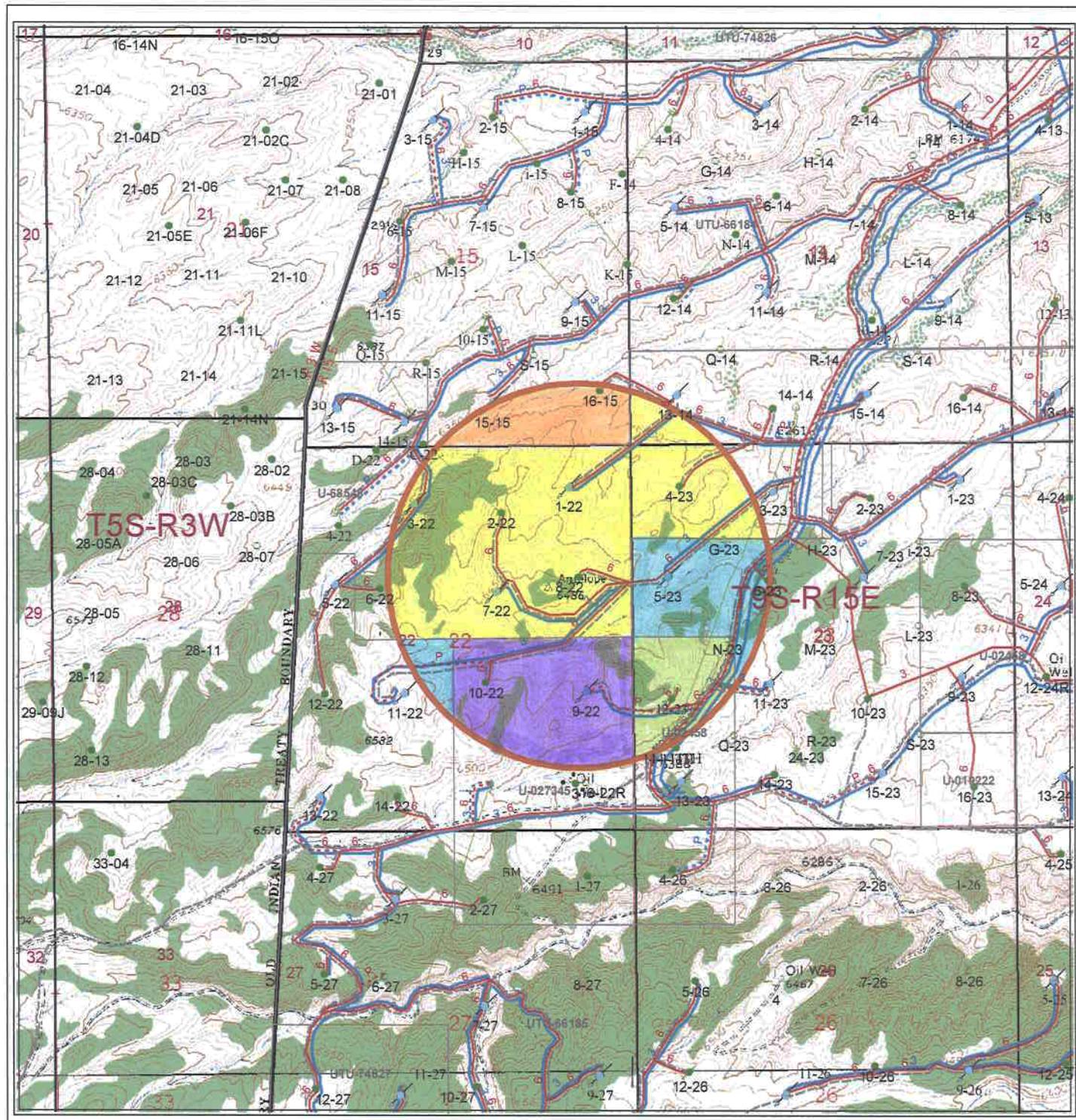
- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

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

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**Well Status**

- Location
- ⊕ CTI
- ⊖ Surface Spud
- ⊙ Drilling
- ⊙ Waiting on Completion
- Producing Oil Well
- ⊙ Producing Gas Well
- ⊕ Water Injection Well
- ⊕ Dry Hole
- ⊕ Temporarily Abandoned
- ⊕ Plugged & Abandoned
- ⊕ Shut In

**Countyline**

- Countyline

**Injection system**

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

**Leases**

- ▭ Leases
- ▭ Mining tracts

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines
- ▭ 8\_22\_9\_15\_Buffer

UTU-68548  
 UTU-66185  
 UTU-02458  
 UTU-027345  
 UTU-66184

OCT 26 2011

Ashley 8-22  
 Section 22, T9S-R15E

**NEWFIELD**  
 ROCKY MOUNTAINS

1" = 2000'

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

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

June 28, 2011



**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	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
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 22: SE Section 26: NWNW Section 27: N2NE	USA UTU-027345 HBP	Newfield Production Company Newfield RMI LLC	USA
5	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

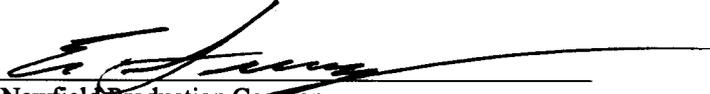
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 DEPT. OF CL. AND RIGHTS

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #8-22-9-15

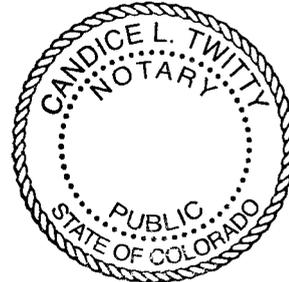
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 21<sup>st</sup> day of October, 2011.

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

My Commission Expires 02/10/2013



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# Ashley Federal 8-22-9-15

Spud Date: 04/24/06  
 Put on Production: 06/02/06  
 K.B.: 6489, G.L.: 6477

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.94')  
 DEPTH LANDED: 311.79' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est .5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (6058.28')  
 DEPTH LANDED: 6119.63' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 55'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5586.7')  
 TUBING ANCHOR: 5586 7' KB  
 NO. OF JOINTS: 2 jts (63.3')  
 SEATING NIPPLE: 2-7/8" (1 10")  
 SN LANDED AT: 5652 8' KB  
 NO. OF JOINTS: 2 jts (63.40')  
 TOTAL STRING LENGTH: EOT @ 5717.3' KB

**SUCKER RODS**

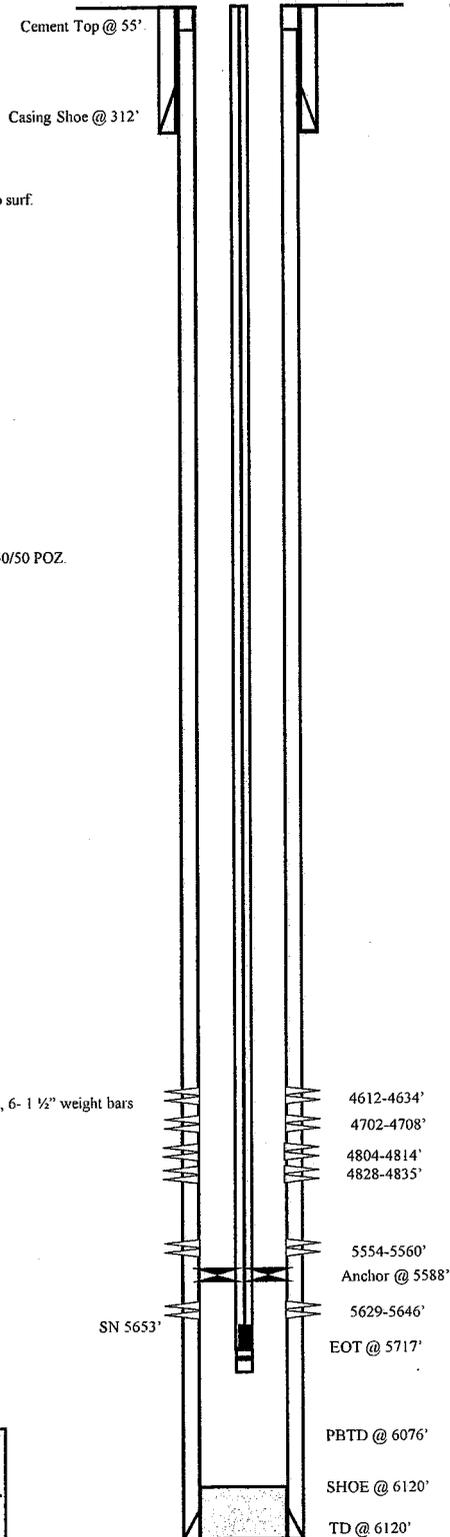
POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-2' x 3/4" pony rod, 219-3/4" guided rods, 6- 1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 18"  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5

**FRAC JOB**

05/25/06	5554-5646'	<b>Frac L0DC, CP2, sands as follows:</b> 66054# 20/40 sand in 522 bbls Lightning 17 frac fluid Treated @ avg press of 1772 psi w/avg rate of 25.3 BPM. ISIP 2175 psi Calc flush: 5644gal. Actual flush: 5040 gal
05/25/06	4804-4835'	<b>Frac D3, C sands as follows:</b> 59712# 20/40 sand in 468 bbls Lightning 17 frac fluid Treated @ avg press of 1963 psi w/avg rate of 25.2 BPM. ISIP 2520 psi Calc flush: 4833 gal. Actual flush: 4284 gal.
05/31/06	4702-4708'	<b>Frac D1 sands as follows:</b> 19553# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2515 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 4706 gal. Actual flush: 4242 gal.
05/31/06	4612-4634'	<b>Frac DS3 sands as follows:</b> 88286# 20/40 sand in 648 bbls Lightning 17 frac fluid Treated @ avg press of 2672 psi w/avg rate of 24.9 BPM. ISIP 3495 psi. Calc flush: 4632 gal. Actual flush: 4536 gal.
12/05/06		Pump change. Update rod and tubing leak
01/18/07		Pump Change. Rod & Tubing detail updated
06/21/07		Tubing Leak. Update rod and tubing details
3/19/09		Pump Change. Updated r & t details
6/16/09		Parted rods. Updated r & t details
3/31/10		Pump change. Updated rod and tubing detail

**PERFORATION RECORD**

05/19/06	5629-5646'	4 JSPF	68 holes
05/19/06	5554-5560'	4 JSPF	24 holes
05/25/06	4828-4835'	4 JSPF	28 holes
05/25/06	4804-4814'	4 JSPF	40 holes
05/25/06	4702-4708'	4 JSPF	24 holes
05/31/06	4612-4634'	4 JSPF	88 holes



**NEWFIELD**

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**Ashley Federal 8-22-9-15**

1813' FNL & 720' FEL  
 SE/NE Section 8-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32858; Lease #UTU-66185

## 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'

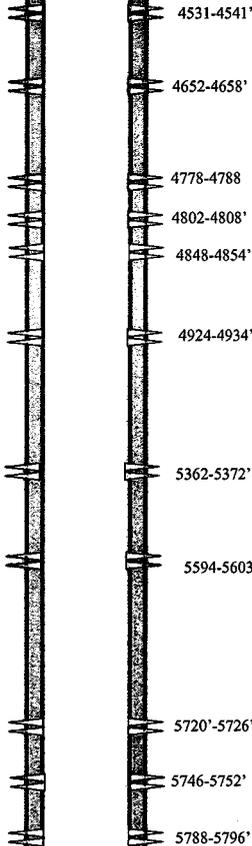
### TUBING

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

Cement Top @ 140'

SN @4480'

Packer @ 4484'  
 EOT @ 4489'



PBTB @ 5949'

SHOE @ 5965'

TD @5975'

### FRAC JOB

01/06/05 5720-5796' **Frac CP5 & CP4 sands as follows:**  
 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' **Frac LODC sands as follows:**  
 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' **Frac B2 sands as follows:**  
 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' **Frac B.5 & C sands as follows:**  
 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' **Frac D1 sands as follows:**  
 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' **Frac CP2 sands as follows:**  
 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' **Frac DS1 sands as follows:**  
 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 **Well converted to an injection well.**  
 5/12/06 **MIT completed and submitted.**

### 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

RECEIVED

OCT 26 2011

DIRECTOR, OIL & GAS DIVISION

## Ashley Federal 2-22-9-15

Spud Date: 7-8-05  
Put on Production: 9-29-05

GL: 6413' KB: 6425'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.67')  
DEPTH LANDED: 310.52' 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: 135jts. (6054.26')  
DEPTH LANDED: 6053.51' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 250'

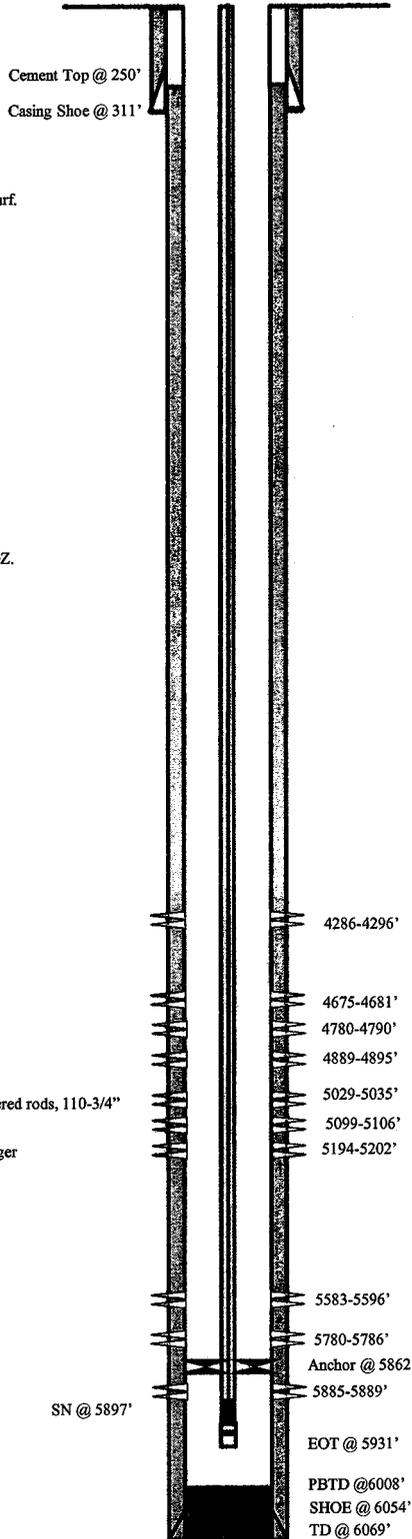
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5850.03')  
TUBING ANCHOR: 5862.03'  
NO. OF JOINTS: 1 jts (32.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5897.33'  
NO. OF JOINTS: 1 jts (32.51')  
TOTAL STRING LENGTH: EOT @ 5931.39'

### SUCKER RODS

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

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

9-22-05 5780-5889' **Frac CP4 & CP5 sand as follows:**  
29349#'s 20/40 sand in 346 bbls Lightning  
17 frac fluid. Treated @ avg press of 2000 psi  
w/avg rate of 29 BPM. ISIP:2100. Calc flush:  
5779 gal Actual flush: 5838 gal.

9-25-05 5583-5596' **Frac CP1 sand as follows:**  
39782#'s 20/40 sand in 391 bbls Lightning  
17 frac fluid. Treated @ avg press of 1538 psi  
w/avg rate of 24.7BPM. ISIP 1900 Calc flush:  
5581 gal. Actual flush: 5586 gal.

9-22-05 5194-5202' **Frac LODC, sand as follows:**  
35182#'s 20/40 sand in 349 bbls Lightning  
17 frac fluid. Treated @ avg press of 2376 psi  
w/avg rate of 24.7 BPM. ISIP 3100 psi. Calc  
flush: 5192 gal. Actual flush: 5250 gal.

9-22-05 5029-5106' **Frac A1 & A5 sand as follows:**  
34292#'s 20/40 sand in 342 bbls Lightning  
17 frac fluid. Treated @ avg press of 1950 psi  
w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc  
flush: 5027 gal. Actual flush:5082 gal.

9-22-05 4889-4895' **Frac B.5 sand as follows:**  
33992#'s 20/40 sand in 339 bbls Lightning  
17 frac fluid. Treated @ avg press of 1880 psi  
w/avg rate of 24.7 BPM. ISIP 2200. Calc  
flush: 4887. Actual flush: 4914

9-22-05 4780-4790' **Frac D3 sand as follows:**  
58767#'s 20/40 sand in 472 bbls Lightning  
17 frac fluid. Treated @ avg press of 1965 psi  
w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc  
flush: 4779 gal. Actual flush: 4830 gal.

9-23-05 4675-4681' **Frac D1 sand as follows:**  
28942#'s 20/40 sand in 299 bbls Lightning  
17 frac fluid. Treated @ avg press of 1790 psi  
w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc  
flush: 4673 gal. Actual flush: 4662 gal.

9-23-05 4286-4296' **Frac PB7 sand as follows:**  
38655#'s 20/40 sand in 293 bbls Lightning  
17 frac fluid. Treated @ avg press of 2051 psi  
w/avg rate of 17.6 BPM. ISIP 3800 psi. Calc  
flush: 4284 gal. Actual flush: 3108 gal.

8/1/07 Pump change. Update rod & tubing detail.

9/21/09 Pump Change. Updated rod & tubing details.

### PERFORATION RECORD

Date	Wellbore	Tool	Holes
8-20-05	5780-5786'	4 JSPF	24 holes
8-20-05	5885-5889'	4 JSPF	16 holes
8-22-05	5583-5596'	4 JSPF	52 holes
8-22-05	5194-5202'	4 JSPF	32 holes
8-22-05	5029-5035'	4 JSPF	24 holes
8-22-05	5099-5106'	4 JSPF	28 holes
8-22-05	4889-4895'	4 JSPF	24 holes
8-22-05	4780-4790'	4 JSPF	40 holes
8-22-05	4675-4681'	4 JSPF	24 holes
8-23-05	4286-4296'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 2-22-9-15  
914' FNL & 1784' FEL  
NW/NE Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32643; Lease #UTU-68548

OCT 26 2011  
DIV. OF OIL, GAS & MINING

## Ashley Federal 3-22-9-15

Spud Date: 8/17/2004  
 Put on Production: 9/20/2004  
 GL: 6369' KB: 6381'

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

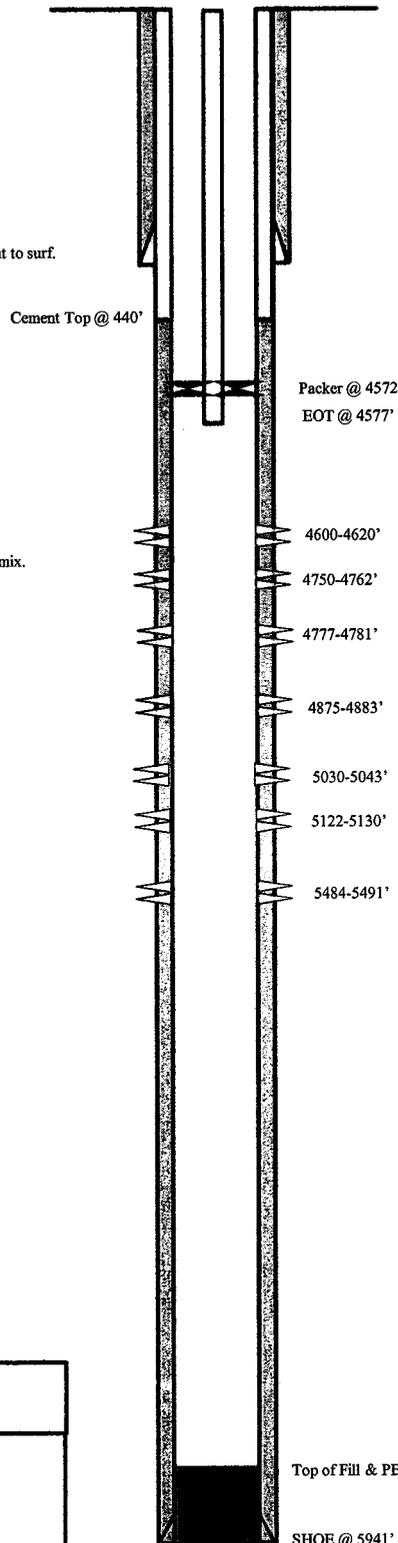
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.79')  
 DEPTH LANDED: 310.79' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G" mixed cmt, est 4.5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5945.37')  
 DEPTH LANDED: 5940.97' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 275 sxs Prem. Lite II & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 440'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 138 jts (4556.16')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4568.16' KB  
 TOTAL STRING LENGTH: EOT @ 4576.66' w/ 12' KB



**FRAC JOB**

09/15/04	5484-5491'	<b>Frac CP/stray sands as follows:</b> 29,821# 20/40 sand in 335 bbls lightning Frac 17 fluid. Treated @ avg press of 2154 psi w/avg rate of 25.3 BPM. ISIP 3920 psi. Calc flush: 5482 gal. Actual flush: 5502 gal.
09/15/04	5030-5130'	<b>Frac A3 and LODC sands as follows:</b> 53,951# 20/40 sand in 454 bbls lightning Frac 17 fluid. Treated @ avg press of 1964 psi w/avg rate of 25.2 BPM. ISIP 2570 psi. Calc flush: 5028 gal. Actual flush: 5069 gal.
09/16/04	4875-4883'	<b>Frac B1 sands as follows:</b> 25,085# 20/40 sand in 292 bbls lightning Frac 17 fluid. Treated @ avg press of 1964 psi w/avg rate of 25.2 BPM. ISIP 2200 psi. Calc flush: 4873 gal. Actual flush: 4872 gal.
09/16/04	4750-4781'	<b>Frac C sands as follows:</b> 34,501# 20/40 sand in 334 bbls lightning Frac 17 fluid. Treated @ avg press of 2198 psi w/avg rate of 24.8 BPM. ISIP 3250 psi. Calc flush: 4748 gal. Actual flush: 4746 gal.
09/16/04	4600-4620'	<b>Frac D1 sands as follows:</b> 94,299# 20/40 sand in 649 bbls lightning Frac 17 fluid. Treated @ avg press of 1841 psi w/avg rate of 25.3 BPM. ISIP 2400 psi. Calc flush: 4598 gal. Actual flush: 4515 gal.
7/24/06		<b>Well converted to an Injection well.</b>
8/1/06		<b>MIT completed and submitted.</b>

**PERFORATION RECORD**

Date	Interval	JSPF	Holes
9/13/04	5484-5491'	4 JSPF	28 holes
9/15/04	5122-5130'	4 JSPF	32 holes
9/15/04	5030-5043'	4 JSPF	52 holes
9/15/04	4875-4883'	4 JSPF	32 holes
9/16/04	4777-4781'	4 JSPF	16 holes
9/16/04	4750-4762'	4 JSPF	48 holes
9/16/04	4600-4620'	4 JSPF	80 holes

**NEWFIELD**

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Ashley Federal 3-22-9-15  
 795' FNL 1565' FWL  
 NE/NW Section 22-T9S-R15E  
 Duchesne Co., Utah  
 API# 43-013-32429; Lease # UTU-68548

Top of Fill & PBTD @ 5919'  
 SHOE @ 5941'  
 TD @ 5956'

OCT 26 2011  
 DIV. OF OIL, GAS & MINING

## Ashley Federal 7-22-9-15

Spud Date: 12/09/2004  
 Put on Production: 01/28/2005  
 GL: 6454' KB: 6466'

Initial Production: 50 BOPD,  
 69 MCFD, 5 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

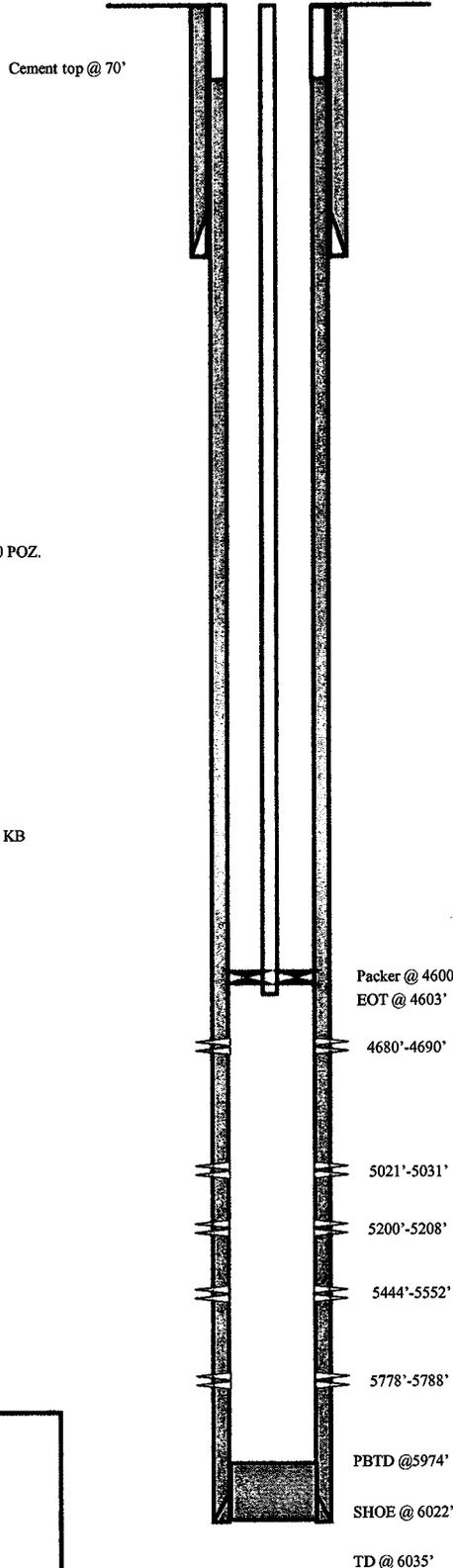
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290.24')  
 DEPTH LANDED: (300.24')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class G, 3 bbls cmt to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (6023.59')  
 DEPTH LANDED: (6021.59')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 345 sxs Premlite II & 500 sxs 50/50 POZ.  
 CEMENT TOP AT: 70'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 138 jts (4583.05')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4595.05' KB  
 CE @ 4599.75'  
 TOTAL STRING LENGTH: EOT @ 4603.55' w/ 12' KB



**FRAC JOB**

01/24/05	5778'-5788'	<b>Frac CP4 sands as follows:</b> 26,787# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press. of 2127 w/ avg rate of 24.8 bpm. ISIP 2180. Calc flush: 5776 gal. Actual flush: 5783 gal.
01/25/05	5444'-5552'	<b>Frac CP STRAY sands as follows:</b> 15,972# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press. of 2285 w/ avg rate of 24.6 bpm. ISIP 2100. Calc flush: 5442 gal. Actual flush 5544 gal.
01/25/05	5200'-5208'	<b>Frac LODC sands as follows:</b> 20,035# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press. of 2585 w/ avg rate of 24.2 bpm. ISIP 2440. Calc flush: 5198 gal. Actual flush: 5250 gal.
01/25/05	5021'-5031'	<b>Frac A.5 sands as follows:</b> 19,716# 20/40 sand in 272 bbls lightning 17 frac fluid. Treated @ avg press. of 1960 w/ avg rate of 14.4 bpm ISIP 2360. Calc flush: 5019 gal. Actual Flush: 5040 gal.
01/25/05	4680'-4690'	<b>Frac D1 sands as follows:</b> 42,888# 20/40 sand in 380 bbls lightning 17 frac fluid. Treated @ avg press. of 1737 w/ avg rate of 24.7 bpm ISIP 2080 Calc flush: 4678 gal. Actual flush: 4578 gal.
5/12/06		<b>Well converted to an injection well.</b>
6/8/06		<b>MIT completed and submitted.</b>
05/04/11		<b>5 YR MIT Completed</b>

**PERFORATION RECORD**

1/19/2005	5778'-5788'	4 SPF	40 holes
1/25/2005	5444'-5552'	4 SPF	32 holes
1/25/2005	5200'-5208'	4 SPF	32 holes
1/25/2005	5021'-5031'	4 SPF	40 holes
1/25/2005	4680'-4690'	4 SPF	40 holes

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DIV. OF OIL, GAS & MINES

**NEWFIELD**

**Ashley Federal 7-22-9-15**  
 2016' FNL & 1867' FEL  
 SW/NE Section 22-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32487; Lease #UTU-68548

## Ashley Federal 9-22-9-15

Spud Date: 2-23-05  
Put on Production: 4-18-05

GL: 6337' KB: 6349'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (296.65')  
DEPTH LANDED: 308.5' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

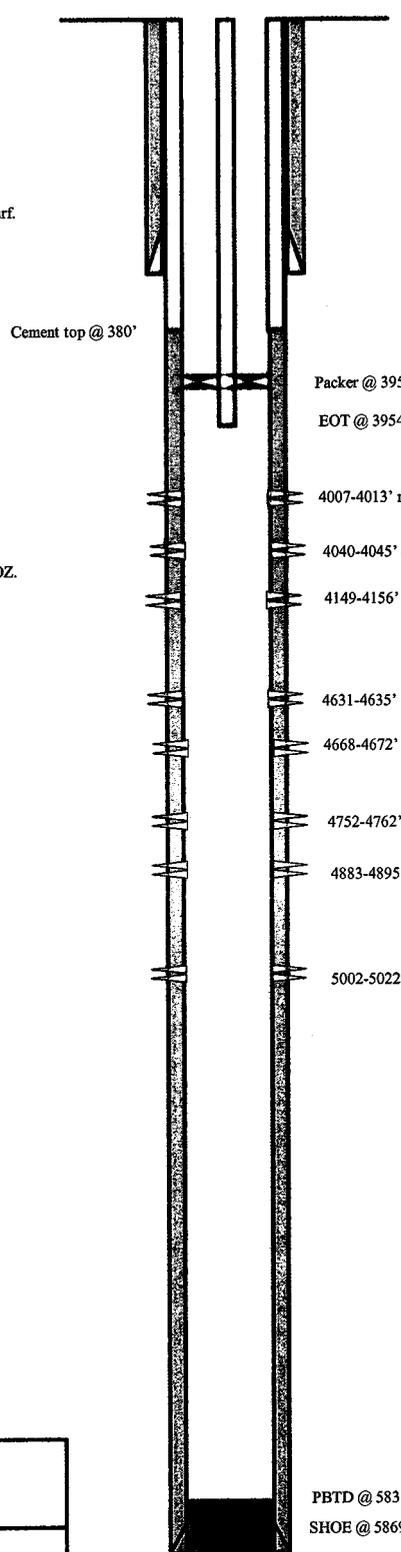
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5869.98')  
DEPTH LANDED: 5869.23' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 380'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 126 jts (3933.93')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 3945.93' KB  
TOTAL STRING LENGTH: EOT @ 3954.33' KB

### Injection Wellbore Diagram



Initial Production: 14 BOPD,  
34 MCFD, 36 BWPD

### FRAC JOB

3-29-05	5002-5022'	<b>Frac A1 sand as follows:</b> 85420#s 10/40 sand in 639 bbls Lightning 17 frac fluid. Treated @ avg press of 2430 psi w/avg rate of 24.9 BPM. ISIP 3380 psi. Calc flush: 5000 gal. Actual flush: 5040 gal.
3-29-05	4883-4895'	<b>Frac B2 sand down casing as follows:</b> 21052#s 10/40 sand in 216 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.8 BPM. Screened out
4-4-05	4883-4895'	<b>Frac B2, sand down tubing as follows:</b> 17639#s 10/40 sand in 270 bbls Lightning 19 frac fluid. Treated @ avg press of 5205 psi w/avg rate of 14.1 BPM. Screened out.
4-5-05	4631-4762'	<b>Frac C,D1, D2 sand as follows:</b> 44010#s 10/40 sand in 421 bbls Lightning 19 frac fluid. Treated @ avg press of 3953 psi w/avg rate of 14.1BPM. ISIP 3680 psi. Calc flush: 1411 gal. Actual flush: 1092 gal.
4-13-05	4149-4156	<b>Frac P2 sands as follows:</b> 5973#s 10/40 sand in 120 bbls Lightning 19 frac fluid. Treated @ avg press of 4245 psi w/avg rate of 12.3 BPM. Screened out.

**Well converted to an Injection well.  
MIT completed and submitted.**

### PERFORATION RECORD

3-17-05	5002-5022"	4 JSPF	80 holes
3-29-05	4883-4895'	4 JSPF	48 holes
3-29-05	4149-4156'	4 JSPF	28 holes
3-29-05	4007-4013'	4 JSPF	24 holes not frac'd
3-29-05	4040-4045'	4 JSPF	20 holes not frac'd
4-1-05	4631-4635'	4 JSPF	16 holes
4-1-05	4668-4672'	4 JSPF	16 holes
4-1-05	4752-4762'	4 JSPF	40 holes

PBTD @ 5831'  
SHOE @ 5869'

TD @ 5880'

**NEWFIELD**

Ashley Federal 9-22-9-15  
1904' FSL & 636' FEL  
NE/SE Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32427; Lease #UTU-027345

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OCT 26 2011

FRAC OIL, SP & LITING

# Ashley Federal 10-22-9-15

Spud Date: 05/05/2006  
Put on Production: 06/07/06

Initial Production: 6/7/06

GL: 6452 KB: 6464'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (308 72')  
DEPTH LANDED: 319 62' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts (6065 14')  
DEPTH LANDED: 6064.39' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55  
NO OF JOINTS: 178 jts (5605 74')  
TUBING ANCHOR: 5617 74'  
NO OF JOINTS: 1 jts (30 84')  
SEATING NIPPLE: 2-7/8" (1 10')  
SN LANDED AT: 5651.38'  
NO OF JOINTS: 2 jts (63 15')  
TOTAL STRING LENGTH: EOT 5708 65'

### SUCKER RODS

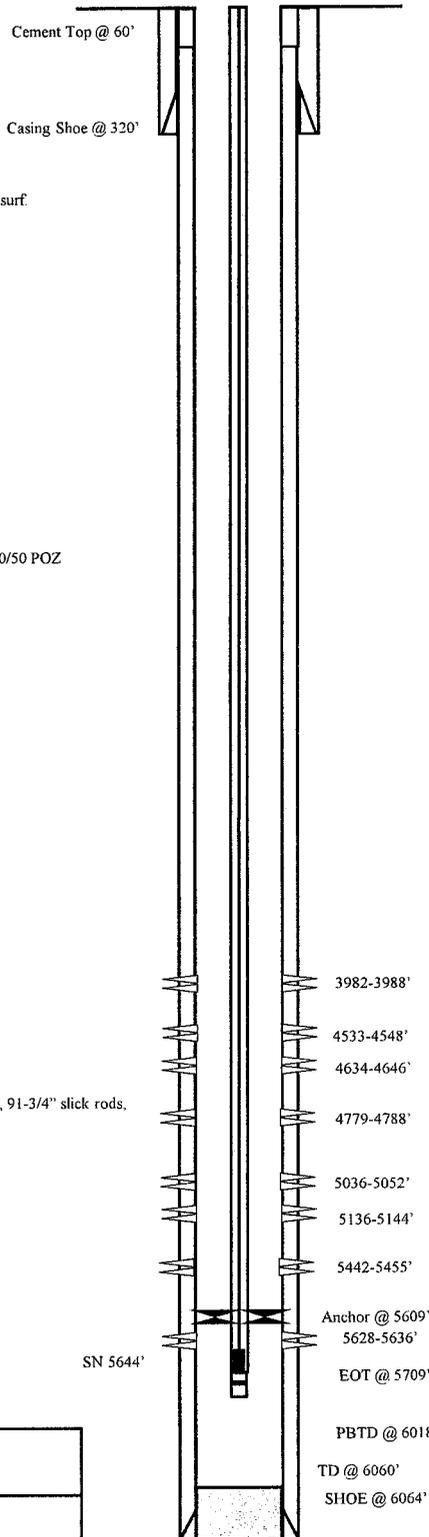
POLISHED ROD: 1-1/2" x 22' Polished Rod  
SUCKER RODS: 3/4" x 2'-2" pony rods, 98-3/4" guided rods, 91-3/4" slick rods, 30-3/4" guided rods, 6-1 1/2" weight rods  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5

### FRAC JOB

06/02/06	5628-5636'	<b>Frac CP3 sands as follows:</b> 24,469# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2208 psi w/avg rate of 25 BPM. ISIP 2005 psi. Calc flush: 5626 gal. Actual flush: 5166 gal.
06/02/06	5442-5455'	<b>Frac LODC sands as follows:</b> 35,010# 20/40 sand in 396 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 25.1 BPM. ISIP 1920 psi. Calc flush: 5440 gal. Actual flush: 4914 gal.
06/02/06	5136-5144'	<b>Frac LODC sands as follows:</b> 19,529# 20/40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 27.9 BPM. ISIP 2450 psi. Calc flush: 5134 gal. Actual flush: 4662 gal.
06/02/06	5036-5052'	<b>Frac A1 sands as follows:</b> 70,458# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 2482 psi w/avg rate of 28.6 BPM. ISIP 2680 psi. Calc flush: 5034 gal. Actual flush: 4536 gal.
06/02/06	4779-4788'	<b>Frac C sands as follows:</b> 39,615# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2246 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 4777 gal. Actual flush: 4284 gal.
06/02/06	4634-4646'	<b>Frac D1 sands as follows:</b> 49,707# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 25 BPM. ISIP 2190 psi. Calc flush: 4632 gal. Actual flush: 4158 gal.
06/02/06	4533-4548'	<b>Frac DS3 sands as follows:</b> 65,332# 20/40 sand in 496 bbls Lightning 17 frac fluid. Treated @ avg press of 2054 psi w/avg rate of 25 BPM. ISIP 2310 psi. Calc flush: 4531 gal. Actual flush: 3990 gal.
06/02/06	3982-3988'	<b>Frac GB2 sands as follows:</b> 19,757# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg press of 1478 psi w/avg rate of 14.5 BPM. ISIP 1380 psi. Calc flush: 3980 gal. Actual flush: 3906 gal.
8/21/07		Pump change. Updated rod & tubing details
10/7/08		Major workover, rod & tubing updated

### PERFORATION RECORD

06/02/06	5628-5636'	4 JSPF	32 holes
06/02/06	5442-5455'	4 JSPF	52 holes
06/02/06	5136-5144'	4 JSPF	32 holes
06/02/06	5036-5052'	4 JSPF	64 holes
06/02/06	4779-4788'	4 JSPF	36 holes
06/02/06	4634-4646'	4 JSPF	48 holes
06/02/06	4533-4548'	4 JSPF	60 holes
06/02/06	3982-3988'	4 JSPF	24 holes



**NEWFIELD**

**Ashley Federal 10-22-9-15**

2035' FSL & 2023' FEL  
NW/SE Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32825; Lease #UTU-027345

## Ashley Federal 4-23-9-15

Spud Date: 7/6/05  
Put on Production: 10/12/05

GL: 6277' KB: 6289'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.87')  
DEPTH LANDED: 312.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5950.91')  
DEPTH LANDED: 5948.91' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 225'

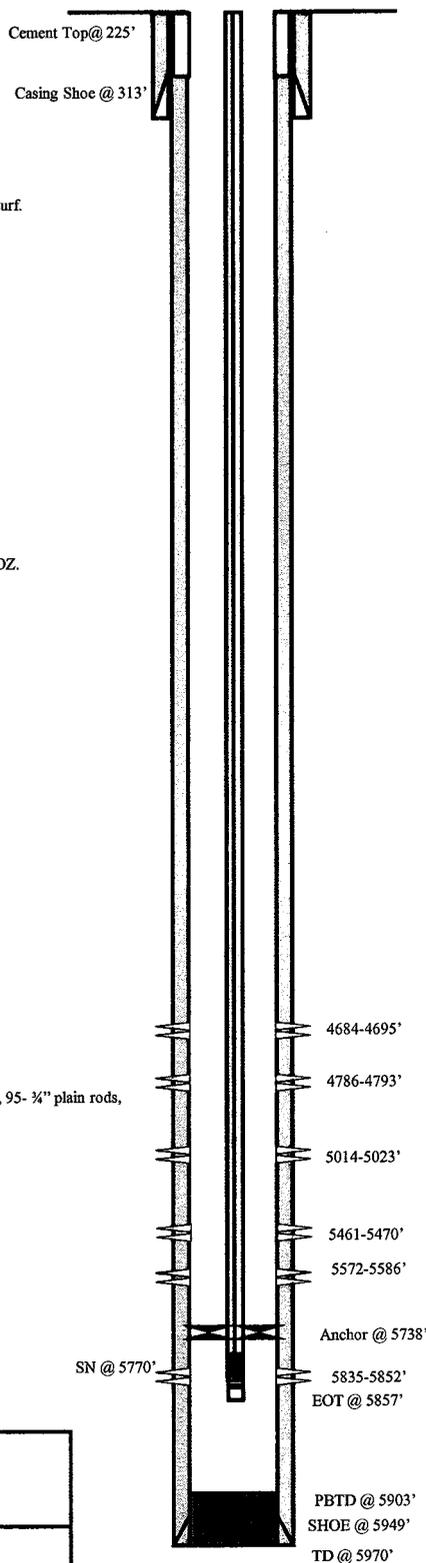
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5725.78)  
TUBING ANCHOR: 5737.78'  
NO. OF JOINTS: 1 jts (29.30')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5769.88'  
NO. OF JOINTS: 2 jts (61.46')  
NO. OF SUBS: 2 (20.00')  
NO. OF PERF SUB: 1 (4.00')  
TOTAL STRING LENGTH: EOT @ 5856.89'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-2' x 3/4" pony rod, 99- 3/4" scraped rods, 95- 3/4" plain rods, 30- 3/4" scraped rods, 6-1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, 4 SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

Date	Depth Range	Description
10/5/05	5835-5852'	<b>Frac CP5 sand as follows:</b> 120,429#'s 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 25.1 BPM. ISIP 2350 Calc Flush: 5833 gal. Actual Flush 5838 gals.
10/5/05	5572-5586'	<b>Frac CP1 sand as follows:</b> 59,862#'s 20/40 sand in 496 bbls Lightning 17 frac fluid. Treated @ avg press of 1493 psi w/avg rate of 25.1 BPM. ISIP 1850 Calc flush: 5570 gal. Actual flush: 5628 gal.
10/5/05	5461-5470'	<b>Frac LODC, sand as follows:</b> 40,377#'s 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc flush: 5459 gal. Actual flush: 5460 gal.
10/5/05	5014-5023'	<b>Frac A1 sand as follows:</b> 40,727#'s 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 2475 psi w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc flush: 5012 gal. Actual flush: 4998 gal.
10/5/05	4786-4793'	<b>Frac C sand as follows:</b> 29,853#'s 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 2485 psi w/avg rate of 27.5 BPM. Screened Out. Calc flush: 4784 gal. Actual flush: 4242 gal
10/6/05	4684-4695'	<b>Frac D2 sand as follows:</b> 46,269#'s 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1810 psi w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc flush: 4682 gal. Actual flush: 4578 gal
08/22/06		Pump Change. Update rod and tubing details.
8/3/07		Tubing Leak. Updated rod & tubing details.

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes

**NEWFIELD**

Ashley Federal 4-23-9-15  
575' FNL & 683' FWL  
NW/NW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32736; Lease #UTU-68548

OCT 26 2011

## Ashley Federal 5-23-9-15

Spud Date: 12/08/04  
 Put on Production: 1/25/2005  
 GL: 6350' KB: 6362'

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

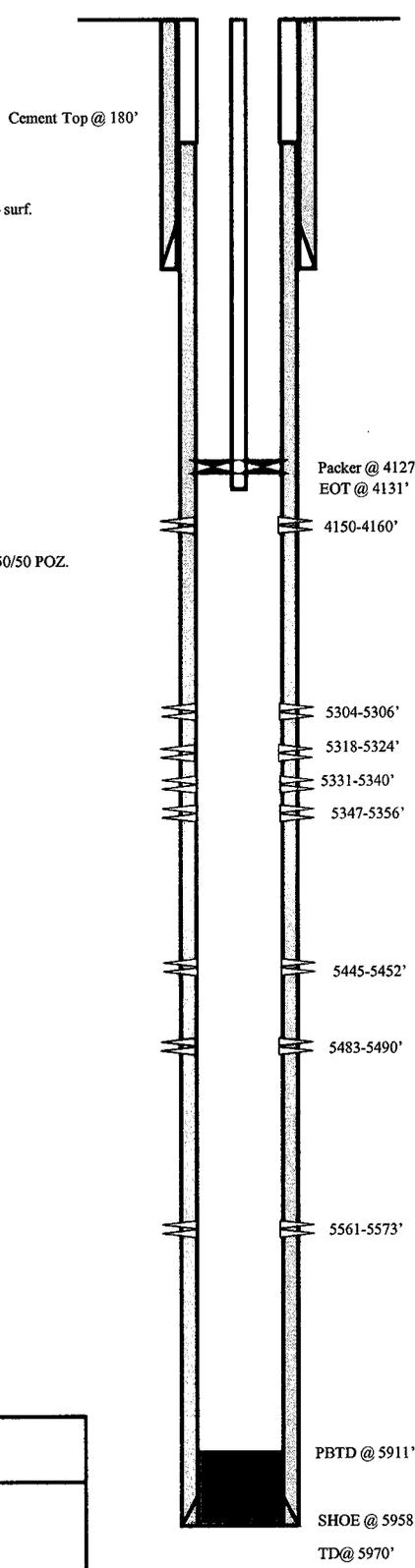
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290.67')  
 DEPTH LANDED: 300.67' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5959.62')  
 DEPTH LANDED: 5957.62' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 180'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 126 jts (4110.77')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4123.87' KB  
 TOTAL STRING LENGTH: EOT @ 4131.37' w/ 12' KB



**FRAC JOB**

1/17/05	5561'-5573'	<b>Frac CP2 sands as follows:</b> 20,943# 20/40 sand in 272 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 24.8 BPM. ISIP 1875 psi. Calc flush: 5559 gal. Actual flush: 5603 gal.
1/20/05	5445'-5490'	<b>Frac LODC sands as follows:</b> 39,334# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 psi w/avg rate of 24.5 BPM. ISIP 3300 psi. Screened out.
1/21/05	5304'-5356'	<b>Frac LODC sands as follows:</b> 95,313# 20/40 sand in 697 bbls Lightning 17 frac fluid. Treated @ avg press of 2775 psi w/avg rate of 24.5 BPM. ISIP 3350 psi. Calc flush: 5302 gal. Actual flush: 5300 gal.
1/21/05	4150'-4160'	<b>Frac GB6 sands as follows:</b> 28,799# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 14.4 BPM. ISIP 2000 psi. Calc flush: 4148 gal. Actual flush: 4056 gal.
6/30/06		<b>Well converted to an Injection well.</b>
8/1/06		<b>MIT completed and submitted.</b>

**PERFORATION RECORD**

1/12/05	5561'-5573'	4 JSPF	48 holes
1/20/05	5483'-5490'	4 JSPF	28 holes
1/20/05	5445'-5452'	4 JSPF	28 holes
1/21/05	5347'-5356'	4 JSPF	36 holes
1/21/05	5331'-5340'	4 JSPF	36 holes
1/21/05	5318'-5324'	4 JSPF	24 holes
1/21/05	5304'-5306'	4 JSPF	8 holes
1/21/05	4150'-4160'	4 JSPF	40 holes

OCT 26 2011

**NEWFIELD**

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**Ashley Federal 5-23-9-15**

1832' FNL & 510' FWL

SW/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32480; Lease #UTU-66185

## Ashley Federal 6-23-9-15

Spud Date: 06/14/2006  
Put on Production: 08/02/2006

### Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

GL: 6327' KB: 6339'

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (309.16')  
DEPTH LANDED: 321.01' 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: 135 jts. (5912.51')  
DEPTH LANDED: (5925.76') KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 275'

#### TUBING

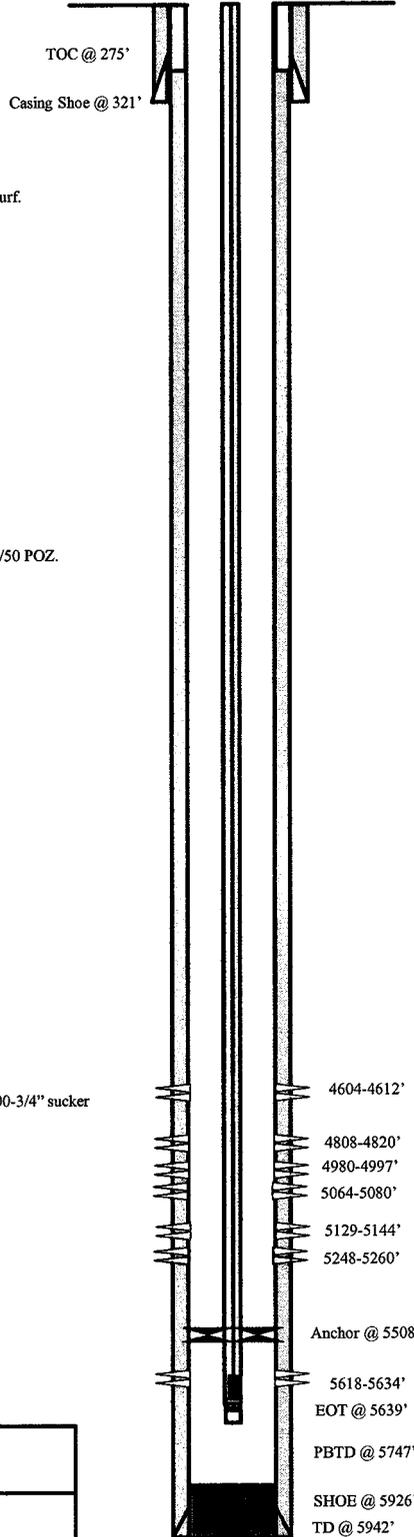
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 174 jts (5507.09')  
TUBING ANCHOR: 5507.9'  
NO. OF JOINTS: 2 jts (63.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5574'  
NO. OF JOINTS: 2 jts (63.30')  
TOTAL STRING LENGTH: EOT @5638.4'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-4' x 3/4" ponies, 100-3/4" guided rods, 100-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 4' x 12' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5'

#### FRAC JOB

07/28/06	5618-5634	<b>Frac CP2 sands as follows:</b> 34,075# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1597 psi w/avg rate of 24.9 BPM. ISIP 1675 psi. Calc flush: 5616 gal. Actual flush: 5124 gal
07/28/06	5248-5260'	<b>Frac LODC sands as follows:</b> 69,111# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5246 gal. Actual flush: 4788 gal.
07/28/06	5129-4997'	<b>Frac LODC, A3, &amp; A1 sands as follows:</b> 198,857# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 2698 psi w/avg rate of 26.7 BPM. ISIP 3150 psi. Calc flush: 5127 gal. Actual flush: 4536 gal.
07/28/06	4808-4820'	<b>Frac B.5 sands as follows:</b> 33,850# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.5 BPM. ISIP 20900 psi. Calc flush: 4806 gal. Actual flush: 4326 gal.
07/28/06	4604-4612'	<b>Frac D1 sands as follows:</b> 43,995# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 1928 psi w/avg rate of 25.5 BPM. ISIP 2450 psi. Calc flush: 4602 gal. Actual flush: 4536 gal.
10/23/06	<b>Pump Change</b>	Rod & Tubing detail updated.
8-7-08		Pump change. Updated rod & tubing details.
12/31/2011		Parted Rods. Rod & tubing detail updated.



#### PERFORATION RECORD

07/28/06	5618-5634'	4 JSPF	64 holes
07/28/06	5248-5260'	4 JSPF	48 holes
07/28/06	5129-5144'	4 JSPF	60 holes
07/28/06	5064-5080'	4 JSPF	64 holes
07/28/06	4980-4997'	4 JSPF	68 holes
07/28/06	4808-4820'	4 JSPF	48 holes
07/28/06	4604-4612'	4 JSPF	32 holes

OCT 26 2011

**NEWFIELD**

**Ashley Federal 6-23-9-15**

1878' FNL & 1888' FWL

SE/NW Section 23-T9S-R15E

Uintah County, Utah

API #43-013-32827; Lease #UTU-66185

# Ashley Federal 12-23-9-15

Spud Date: 5-21-06  
Put on Production: 6-27-06

GL: 6435' KB: 6447'

**SURFACE CASING**

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (305 73')  
DEPTH LANDED: 317 58' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

**PRODUCTION CASING**

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15.5#  
LENGTH 140 jts. (6055 96')  
DEPTH LANDED: 6069.21' KB  
HOLE SIZE 7-7/8"  
CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT 270'

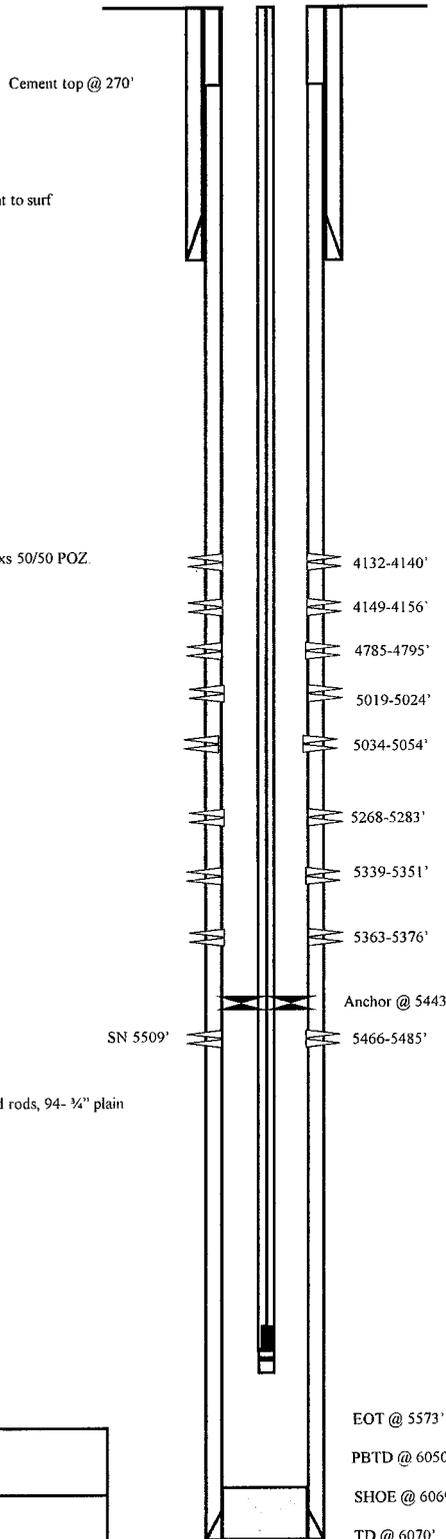
**TUBING**

SIZE/GRADE/WT 2-7/8" / J-55  
NO. OF JOINTS 172 jts (5430.80')  
TUBING ANCHOR 5442 80' KB  
NO. OF JOINTS: 1 jts (63 20')  
SEATING NIPPLE 2-7/8" (1 10')  
SN LANDED AT: 5508 80' KB  
NO. OF JOINTS: 2 jts (63 10')  
TOTAL STRING LENGTH. EOT @ 5573 35' KB

**SUCKER RODS**

POLISHED ROD 1-1/2" x 22' SM  
SUCKER RODS: 1- 2' X 3/4" pony rods, 100- 3/4" guided rods, 94- 3/4" plain rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH 86"  
PUMP SPEED, SPM 5 SPM

Wellbore Diagram



Initial Production: BOPD, MCFD, BWPD

**FRAC JOB**

06-19-06	5466-5485'	<b>Frac LODC sands as follows:</b> 35309# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2118 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc flush: 5464 gal. Actual flush: 4998 gal.
06-20-06	5268-5376'	<b>Frac LODC sands as follows:</b> 82289# 20/40 sand in 718 bbls Lightning 17 frac fluid. Treated @ avg press of 2580 psi w/avg rate of 27.8 BPM. ISIP 2688 psi. Calc flush: 5266 gal. Actual flush: 4746 gal.
06-20-06	5019-5054'	<b>Frac A 1 sands as follows:</b> 70997# 20/40 sand in 556 bbls Lightning 17 frac fluid. Treated @ avg press of 2435 psi w/avg rate of 30.8 BPM. ISIP 2580 psi. Calc flush: 5017 gal. Actual flush: 4494 gal.
06-20-06	4785-4795'	<b>Frac C sands as follows:</b> 40577# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 4783 gal. Actual flush: 4032 gal.
06-20-06	4132-4156'	<b>Frac GB6 sands as follows:</b> 45187# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 1642 w/avg rate of 25.2 BPM. ISIP 2580 psi. Calc flush: 4130 gal. Actual flush: 4032 gal.
8-22-08 05/19/10		Pump change. Updated rod & tubing details Tubing Leak Rod & Tubing updated.

**PERFORATION RECORD**

06-15-06	5466-5485'	4 JSPF	76 holes
06-19-06	5363-5376'	4 JSPF	52 holes
06-19-06	5339-5351'	4 JSPF	48 holes
06-19-06	5268-5283'	4 JSPF	60 holes
06-20-06	5034-5054'	4 JSPF	80 holes
06-20-06	5019-5024'	4 JSPF	20 holes
06-20-06	4785-4795'	4 JSPF	40 holes
06-20-06	4149-4156'	4 JSPF	28 holes
06-20-06	4132-4140'	4 JSPF	32 holes

**NEWFIELD**

**Ashley Federal 12-23-9-15**

1950' FSL & 623' FWL  
NW/SW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32830; Lease #UTU-02458

# Ashley Federal 14-23-9-15

Spud Date: 06/28/2006  
 Put on Production: 08/09/06  
 GL: 6382' KB: 6394'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.49')  
 DEPTH LANDED: 322.34' 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: 135 jts (5904.11')  
 DEPTH LANDED: 5917.90' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 305 sxs Prem. Lite II mixed & 452 sxs 50/50 POZ  
 CEMENT TOP: 270'

**TUBING**

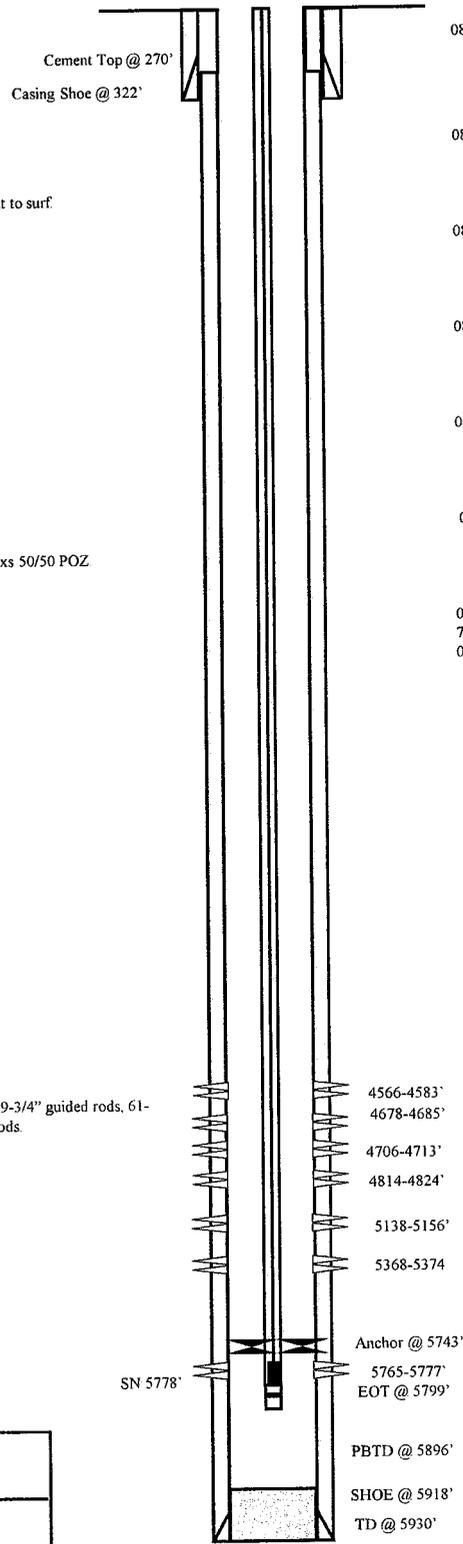
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO OF JOINTS: 181 jts (5731.01')  
 TUBING ANCHOR 5731.0' KB  
 NO OF JOINTS: 1 jts (31.80')  
 SEATING NIPPLE: 2-7/8" 1.10  
 SN LANDED AT: 5765.60' KB  
 NO OF JOINTS: 1 jts (31.80')  
 TOTAL STRING LENGTH: EOT @ 5799' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-8, 1-6', 1-4' & 1-2' x 3/4" ponies, 99-3/4" guided rods, 61-3/4" sucker rods, 63-3/4" guided rods, 6-1 1/2" weight rods  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 15' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM 5'

**FRAC JOB**

08-01-06	5765-5777'	<b>Frac CP5 sands as follows:</b> 24,586# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 2484 psi w/avg rate of 25.3 BPM. ISIP 2415 psi. Calc flush: 5763 gal. Actual flush: 5250 gal
08-01-06	5368-5374'	<b>Frac LODC sands as follows:</b> 19,944# 20/40 sand in 303 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc flush: 5366 gal. Actual flush: 4914 gal
08-02-06	5138-5156'	<b>Frac LODC sands as follows:</b> 80,509# 20/40 sand in 601 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.2 BPM. ISIP 2680 psi. Calc flush: 5136 gal. Actual flush: 4620 gal
08-02-06	4814-4824'	<b>Frac B2 sands as follows:</b> 24,626# 20/40 sand in 315 bbls Lightning 17 frac fluid. Treated @ avg press of 2157 psi w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.
08-02-06	4706-4685'	<b>Frac C &amp; D3 sands as follows:</b> 54,787# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 1657 psi w/avg rate of 25.3 BPM. ISIP 1540 psi. Calc flush: 4704 gal. Actual flush: 4200 gal
08-04-06	4566-4583'	<b>Frac D1 sands as follows:</b> 176,650# 20/40 sand in 1162 bbls Lightning 17 frac fluid. Treated @ avg press of 1722 psi w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc flush: 4564 gal. Actual flush: 4452 gal
03/22/07		Pump Change. Update rod and tubing details
7/13/07		Pump change. Update rod & tubing details
02/27/10		Parted Rods. Update rod & tubing details



**PERFORATION RECORD**

07-21-06	5765-5777'	4 JSPF	48 holes
08-01-06	5368-5374'	4 JSPF	24 holes
08-01-06	5138-5156'	4 JSPF	72 holes
08-02-06	4814-4824'	4 JSPF	40 holes
08-02-06	4706-4713'	4 JSPF	28 holes
08-02-06	4678-4685'	4 JSPF	28 holes
08-02-06	4566-4583'	4 JSPF	68 holes

**NEWFIELD**

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**Ashley Federal 14-23-9-15**

751' FNL & 1957' FWL  
 SE/SW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32817; Lease #UTU-66185

## Ashley Federal 15-15-9-15

Spud Date: 8/27/04  
Put on Production: 10/12/04

GL: 6314' KB: 6326'

### 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.

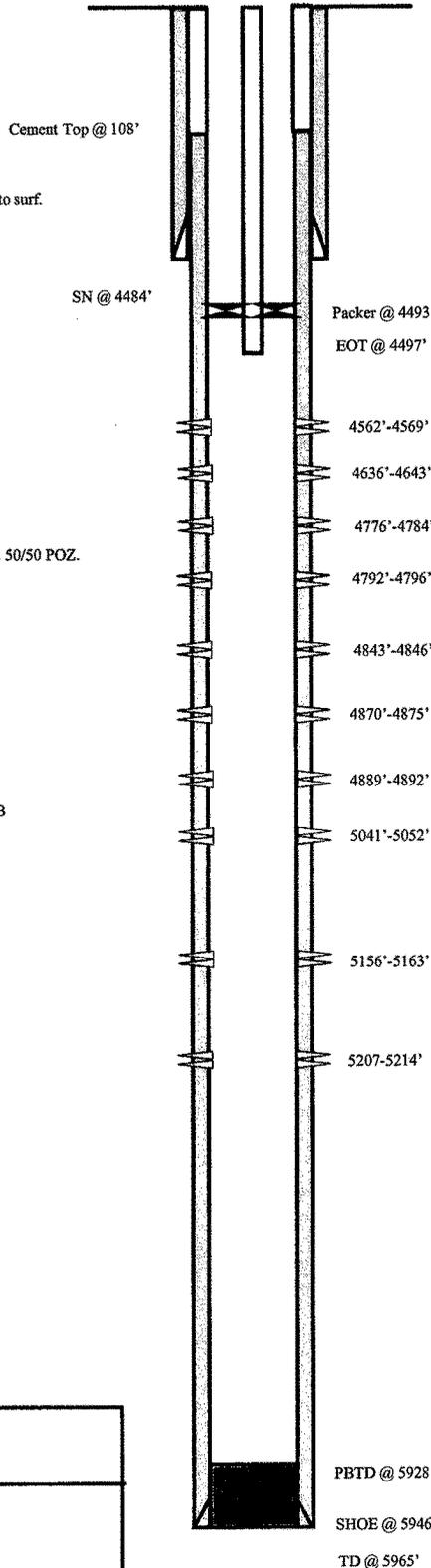
### PRODUCTION CASING

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



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

10/05/04 5156'-5214' **Frac LODC sands as follows:**  
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.

10/07/04 5041'-5052' **Frac A1 sands as follows:**  
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.

10/07/04 4776'-4892' **Frac B1, B.5 and C sands as follows:**  
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.

10/07/04 4636'-4643' **Frac D1 sands as follows:**  
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.

10/07/04 4562'-4569' **Frac DS3 sands as follows:**  
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.

12/10/04 **Pump Change. Update rod details**

10/26/05 **Tubing Leak. Update rod and tubing details.**

5/2/06 **Well converted to an injection well.**

5/12/06 **MIT completed and submitted.**

### PERFORATION RECORD

Date	Interval	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

OCT 25 2011

## 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

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

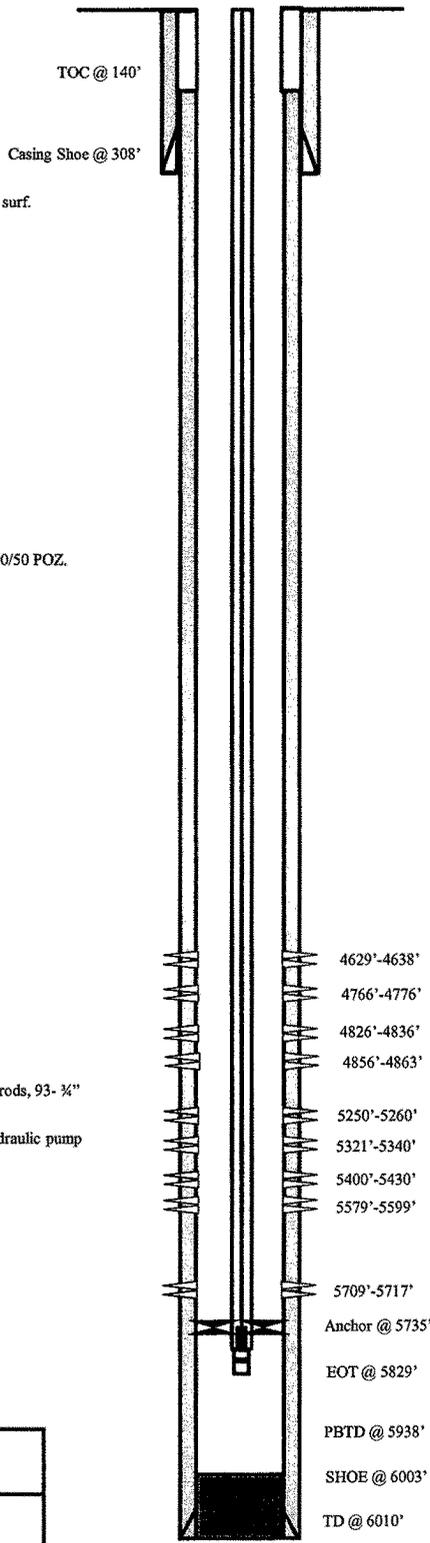
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6004.93')  
 DEPTH LANDED: 6002.93' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 140'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 186 jts (5720.7)  
 TUBING ANCHOR: 5735.4' KB  
 NO. OF JOINTS: 1 jts (30.8")  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5766.2' KB  
 NO. OF JOINTS: 2 jts (61.50')  
 TOTAL STRING LENGTH: EOT @ 5828.8' W/12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-4", 2", 8' x 3/4" pony rods, 99- 3/4" guided rods, 93- 3/4" guided rods, 30- 3/4" guided rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" x 16" RHAC Central Hydraulic pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM



### 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 tubing 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.

### PERFORATION RECORD

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

**NEWFIELD**

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

RECORDED

OCT 26 2011

REG. OF CH. 2011 OCT 26 10:11 AM

# 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 3/4" 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

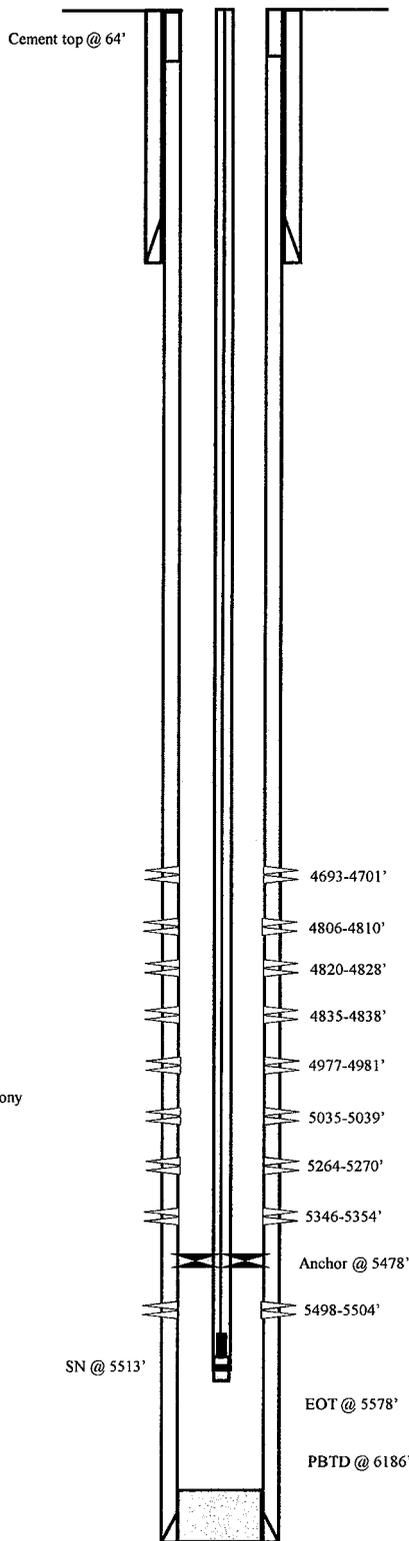
7/6/2009 5264-5270' Frac A3 sds as follows:  
 15,504# 20/40 sand in 282 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 3189 psi w/ ave rate of 15.9 BPM. Screened out  
 4.6 bbls short of flush. ISIP 4180 psi

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

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

**GMB 14-14T-9-15H**

**Wellbore Diagram**



Surface Location: NE/NW, Sec 16, T9S R16E  
 County/State: Greater Monument Butte, Duchesne County, Utah  
 Elevation: 5847' GL + 12' KB API: 43-013-50242



Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
8-5/8" Casing Shoe													
Surface	8-5/8"	24#	J-55	LTC	0	311							Surface
Production	5-1/2"	17#	M-80	LTC	0	6,300	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Port Collar:
Production	4-1/2"	11.6#	P-110	LTC	6,300	10,630	7,774	8,510	4.000	3.875	0.0155	6-1/8"	to Surface
					TVD	5,828	burst & collapse values are book, no additional safety factors have been applied						

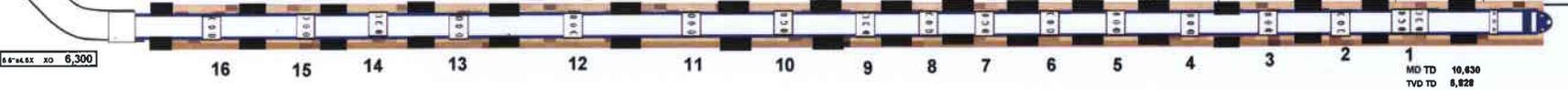
Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints
TBG DETAIL: bullplug, 3 jts tubing, 21' cavins Desander, 2-7/8" sub, 1 jt 2-7/8" tubing, SN, 1 jt 2-7/8" tubing, TAC, and remaining 185 jts of 2-7/8" tubing. TA @ 5,839'. EOT @ 5,985' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs—4.825" OD)								

**WELLBORE FLUIDS**  
 Lateral section fluid = +8.4 ppg "clean" fresh water  
 Uphole annulus has 10ppg mudweight prior to cementing

10/24/11 - Tubing Leak -  
 178 joints 3381-4 / 1 joint 31-3 / Sealing Nipple 5609-2 / 1 joint 31-4 / Total string length 5854'  
 RODS:  
 1 x 1/2" x 26' polished rod, 1x7/8" x 2' pony rod, 1x7/8" x 4' pony rod, 1x7/8" x 6' pony rod, 1x1 1/4" x 8' pony rod,  
 1x rod 7/8" x 5500' 1x7/8" x 4' pony rod, 1 on/off tool 0.7' 1 G subal 1" x 2'  
 UPDATED ROD & TUBING INFORMATION  
 10/28/2011 VC

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: WFD MacGyver 3 pump with spring loaded cages, 2-1/2"x1-3/4" x22"x25"x29" RHBC pump x, on/off tool, 4'x7/8" guided rod sub, 5789' x SE 4 corod, 4,4,6,6' x 7/8" pony subs, 1 1/2" x 28' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

Proposed Frac Data	Weatherford 16 Stage Zone Select frac system		Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
	Top	Bottom			
OH swell packer 1	10,615	10,627	float collar, and casing shoe below this Fracis swell packer, total installation at 10,630'. And Open Hole TMD = 10,660		
Stage 1	10,470	10,615	Dual Hydraulic Depth: 10,581 Ball OD (in.): NA Seal ID (in.): NA Vol. to Seat (bbl): 219.79 Actual Vol. (bbl): NA Difference (bbl): NA Ball Action (ΔP):	100 mesh sand 18,894 30/50 mesh sand 16,333	1,892
OH swell packer 2	10,458	10,470	Weatherford OH Fracis water swell packer	100 mesh sand	29,646
Stage 2	10,208	10,458	FracPort 2: Depth: 10,329 Ball OD (in.): 1.380 Seat ID (in.): 1.390 Vol. to Seat (bbl): 209.35 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	24,042
OH swell packer 3	10,196	10,208	Weatherford OH Fracis water swell packer	100 mesh sand 28,832 30/50 mesh sand 24,617	2,267
Stage 3	9,914	10,196	FracPort 3: Depth: 10,072 Ball OD (in.): 1.560 Seat ID (in.): 1.410 Vol. to Seat (bbl): 205.39 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	100 mesh sand 31,594 30/50 mesh sand 28,064	2,238
OH swell packer 4	9,944	9,956	Weatherford OH Fracis water swell packer	100 mesh sand	31,484
Stage 4	9,663	9,944	FracPort 4: Depth: 9,818 Ball OD (in.): 1.625 Seat ID (in.): 1.530 Vol. to Seat (bbl): 201.46 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,619
OH swell packer 5	9,651	9,663	Weatherford OH Fracis water swell packer	100 mesh sand	31,484
Stage 5	9,411	9,651	FracPort 5: Depth: 9,526 Ball OD (in.): 1.750 Seat ID (in.): 1.660 Vol. to Seat (bbl): 196.93 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,619
OH swell packer 6	9,399	9,411	Weatherford OH Fracis water swell packer	100 mesh sand	31,270
Stage 6	9,118	9,399	FracPort 6: Depth: 9,274 Ball OD (in.): 1.875 Seat ID (in.): 1.770 Vol. to Seat (bbl): 193.03 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,668
OH swell packer 7	9,106	9,118	Weatherford OH Fracis water swell packer	100 mesh sand	31,477
Stage 7	8,864	9,106	FracPort 7: Depth: 8,980 Ball OD (in.): 2.000 Seat ID (in.): 1.920 Vol. to Seat (bbl): 188.48 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,860
OH swell packer 8	8,852	8,864	Weatherford OH Fracis water swell packer	100 mesh sand	31,566
Stage 8	8,575	8,852	FracPort 8: Depth: 8,729 Ball OD (in.): 2.125 Seat ID (in.): 2.060 Vol. to Seat (bbl): 184.59 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,279
OH swell packer 9	8,863	8,875	Weatherford OH Fracis water swell packer	100 mesh sand	31,778
Stage 9	8,284	8,863	FracPort 9: Depth: 8,440 Ball OD (in.): 2.250 Seat ID (in.): 2.210 Vol. to Seat (bbl): 180.12 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,374
OH swell packer 10	8,272	8,284	Weatherford OH Fracis water swell packer	100 mesh sand	0
Stage 10	8,030	8,272	FracPort 10: Depth: 8,147 Ball OD (in.): 2.375 Seat ID (in.): 2.360 Vol. to Seat (bbl): 176.98 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand 4,822 Never break back, dropped next ball	1,260
OH swell packer 11	8,018	8,030	Weatherford OH Fracis water swell packer	100 mesh sand	29,874
Stage 11	7,742	8,018	FracPort 11: Depth: 7,897 Ball OD (in.): 2.500 Seat ID (in.): 2.560 Vol. to Seat (bbl): 171.72 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,867
OH swell packer 12	7,730	7,742	Weatherford OH Fracis water swell packer	100 mesh sand	31,133
Stage 12	7,449	7,730	FracPort 12: Depth: 7,606 Ball OD (in.): 2.625 Seat ID (in.): 2.660 Vol. to Seat (bbl): 167.20 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,111
OH swell packer 13	7,437	7,449	Weatherford OH Fracis water swell packer	100 mesh sand	31,663
Stage 13	7,192	7,437	FracPort 13: Depth: 7,312 Ball OD (in.): 2.750 Seat ID (in.): 2.800 Vol. to Seat (bbl): 162.68 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,261
OH swell packer 14	7,180	7,192	Weatherford OH Fracis water swell packer	100 mesh sand	31,142
Stage 14	6,894	7,180	FracPort 14: Depth: 7,056 Ball OD (in.): 2.875 Seat ID (in.): 2.950 Vol. to Seat (bbl): 158.79 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	28,140
OH swell packer 15	6,882	6,894	Weatherford OH Fracis water swell packer	100 mesh sand	36,277
Stage 15	6,633	6,882	FracPort 15: Depth: 6,757 Ball OD (in.): 3.000 Seat ID (in.): 3.140 Vol. to Seat (bbl): 154.07 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	40,263
OH swell packer 16	6,621	6,633	Weatherford OH Fracis water swell packer	100 mesh sand	62,784
Stage 16	6,352	6,621	FracPort 16: Depth: 6,485 Ball OD (in.): 3.125 Seat ID (in.): 3.340 Vol. to Seat (bbl): 149.88 Actual Vol. (bbl): 0.00 Difference (bbl): NA Ball Action (ΔP):	30/50 mesh sand	61,265
OH swell packer 17	6,345	6,352	Weatherford OH Fracis water swell packer		
ACP packer	5,427	5,432	Weatherford Annulus Casing Packer (ACP), Hydraulically set at 2,706psi		
ACP packer	5,417	5,422	Weatherford Annulus Casing Packer (ACP), Hydraulically set at 2,706psi		
Lat Length 4,263 Total Stim. Lateral 4,263 Avg. Stage Length 265 *between packers				Sand Total 100 mesh sand 478,495 30/50 mesh sand 466,545	Total Clean (bbl) 37,526



**GMBU 15-22-9-15H**

Uinta Central Basin - Duchesne County, Utah, USA

Surface Location: SW/SE, Sec 22, T9S R15E; 961' FSL, 1978' FEL

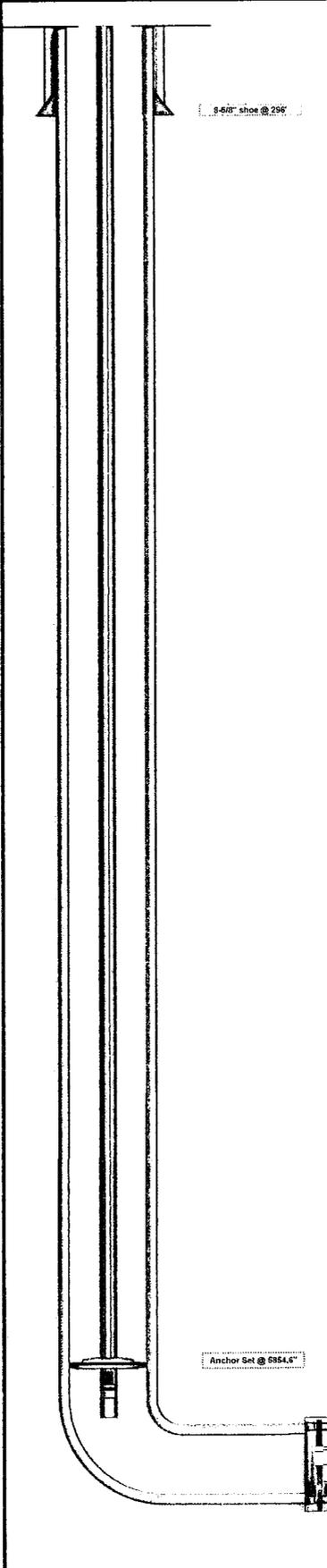
Elevation: 6461' GL + 13' KB

Marc Barcola

PFA 6/6/2012

API# 43-013-50243

Spud Date: 9/1/2011 PoP Date: 10/25/2011



Casing Detail	Casing	Top		Bottom		Size	WT	Grade	Drift	Burst	Collapse	ID	bbbl	Coupling	Hole
		Top	Bottom	Top	Bottom										
Surf	13.00	298.00	8,625	248	J-55	7.972	2,950	1,370	6,097	0.0037	STC	12.25			
Prod	13.00	6,242.52	5,500	209	L-80	4.653	9,190	8,830	4,778	0.0238	LTC	6.125			
Liner	6,245.52	10,517.00	4,500	11.64	P-110	3.875	10,890	7,580	4,000	0.01554	LTC	6.125			
Tubing Detail	Top	Bottom	Size	WT	Grade	Coupling	Drift	Burst	Collapse	ID	Packer/Hanger				
	13'	6,099'	2.876	6.5	J-65	8 RD EUE	2.347	10,567	11,165	2,441	5-1/2" Tubing Anchor Set @ 5854.6'				
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump						
	Polish Rod		0'	30'	1 1/2"	Spray Metal	30'	1	Weatherford Meggyer 3 Inset Pump: 2.5 Max IO + 1.75 Plunger RHIC; Ball Lng 20'; Ext Lng 23'; Max Sl. 144"; 5 SPM						
	Pony Rod		30'	32'	7/8"	Norris 97	2'	1							
	Pony Rod		32'	36'	7/8"	Norris 96	4'	1							
	Pony Rod		36'	42'	7/8"	Norris 97	6'	1							
	Pony Rod		42'	50'	7/8"	Norris 96	8'	1							
	Sucker Rod		50'	5,892'	1"	Corod	5,842'	-							
	On/Off Tool		5,892'	5,893'	-	-	1'	1							
	Pony Rod		5,893'	5,895'	3/4"	Norris 97	2'	1							
SLEEVES/PACKERS	Sleeves		Stage	Depth (ft)	Ball Seat ID	Ball OD	Disp. Vol. bbl	Zone Length	Open Hole Packers	Top of Joint Depth (ft)					
	Hydraulic Stage Collar		1	10430.4	2.125	Hydraulic	197.6	158'	OH Packer 1	10,494					
	Weatherford Ball Drop Sleeve		2	10252.9	1.315	1.345	194.8	190'	OH Packer 2	10,328					
	Weatherford Ball Drop Sleeve		3	10062.4	1.37	1.4	191.9	191'	OH Packer 3	10,135					
	Weatherford Ball Drop Sleeve		4	9872.0	1.425	1.455	188.9	190'	OH Packer 4	9,945					
	Weatherford Ball Drop Sleeve		5	9681.0	1.48	1.51	186	191'	OH Packer 5	9,754					
	Weatherford Ball Drop Sleeve		6	9490.4	1.535	1.565	183	191'	OH Packer 6	9,563					
	Weatherford Ball Drop Sleeve		7	9257.4	1.59	1.62	179.4	234'	OH Packer 7	9,373					
	Weatherford Ball Drop Sleeve		8	9022.5	1.645	1.675	175.7	235'	OH Packer 8	9,199					
	Weatherford Ball Drop Sleeve		9	8789.2	1.7	1.73	172.1	233'	OH Packer 9	8,904					
	Weatherford Ball Drop Sleeve		10	8557.3	1.769	1.801	168.5	232'	OH Packer 10	8,671					
	Weatherford Ball Drop Sleeve		11	8324.5	1.816	1.848	164.9	234'	OH Packer 11	8,440					
	Weatherford Ball Drop Sleeve		12	8091.4	2.063	2.185	161.3	233'	OH Packer 12	8,206					
	Weatherford Ball Drop Sleeve		13	7858.7	2.21	2.332	157.6	233'	OH Packer 13	7,973					
	Weatherford Ball Drop Sleeve		14	7625.2	2.357	2.479	154	233'	OH Packer 14	7,740					
	Weatherford Ball Drop Sleeve		15	7391.7	2.504	2.626	150.4	233'	OH Packer 15	7,507					
	Weatherford Ball Drop Sleeve		16	7158.8	2.651	2.773	146.8	232'	OH Packer 16	7,274					
	Weatherford Ball Drop Sleeve		17	6926.0	2.798	2.92	143.1	234'	OH Packer 17	7,042					
	Weatherford Ball Drop Sleeve		18	6693.2	2.945	3.115	139.5	232'	OH Packer 18	6,808					
	Weatherford Ball Drop Sleeve		19	6460.6	3.14	3.31	135.9	275'	OH Packer 19	6,576					
N/A									OH Packer 20	6,301					
Stage	Date	Top	Bottom	Max STP	Avg Rate	Frac Summary									
19	10/18/2011	6,461'	6,465'	6,845	44.8	Frac Uteland Butte as follows: Frac with 16998# 30/50 White Sand and 11530lbs fluid to recover									
18	10/18/2011	6,893'	6,898'	5,953	56.5	Frac Uteland Butte as follows: Frac with 7312# 100 Mesh, 39360# 30/50 White Sand with 21800lbs fluid to recover									
17	10/18/2011	6,925'	6,930'	4,522	58.1	Frac Uteland Butte as follows: Frac with 2238# 100 Mesh, 3681# 30/50 White Sand with 20270lbs fluid to recover									
16	10/18/2011	7,158'	7,163'	4,522	58.1	Frac Uteland Butte as follows: Frac with 2238# 100 Mesh, 3681# 30/50 White Sand with 20420lbs fluid to recover									
15	10/18/2011	7,391'	7,396'	4,574	56.9	Frac Uteland Butte as follows: Frac with 2241# 100 Mesh, 3879# 30/50 White Sand with 20260lbs fluid to recover									
14	10/18/2011	7,625'	7,630'	5,040	57.3	Frac Uteland Butte as follows: Frac with 2322# 100 Mesh, 3588# 30/50 White Sand with 20360lbs fluid to recover									
13	10/18/2011	7,858'	7,863'	4,810	56.6	Frac Uteland Butte as follows: Frac with 2226# 100 Mesh, 3743# 30/50 White Sand with 20320lbs fluid to recover									
12	10/18/2011	8,091'	8,096'	5,197	55.9	Frac Uteland Butte as follows: Frac with 2234# 100 Mesh, 3769# 30/50 White Sand with 20710lbs fluid to recover									
11	10/18/2011	8,324'	8,329'	6,685	44.3	Frac Uteland Butte as follows: Frac with 2224# 100 Mesh, 3725# 30/50 White Sand with 21030lbs fluid to recover									
10	10/18/2011	8,557'	8,562'	6,395	57.0	Frac Uteland Butte as follows: Frac with 2231# 100 Mesh, 3756# 30/50 White Sand with 20990lbs fluid to recover									
9	10/18/2011	8,789'	8,794'	6,923	43.1	Frac Uteland Butte as follows: Frac with 2558# 100 Mesh, 3396# 30/50 White Sand with 20540lbs fluid to recover									
8	10/18/2011	9,022'	9,027'	6,717	47.6	Frac Uteland Butte as follows: Frac with 2545# 100 Mesh, 3403# 30/50 White Sand with 20540lbs fluid to recover									
7	10/18/2011	9,257'	9,262'	7,030	49.1	Frac Uteland Butte as follows: Frac with 2540# 100 Mesh, 3403# 30/50 White Sand with 20970lbs fluid to recover									
6	10/18/2011	9,490'	9,495'	6,842	38.3	Frac Uteland Butte as follows: Frac with 2877# 100 Mesh, 3097# 30/50 White Sand with 22420lbs fluid to recover									
5	10/18/2011	9,680'	9,685'	6,928	31.0	Frac Uteland Butte as follows: Frac with 2856# 100 Mesh, 3042# 30/50 White Sand with 21020lbs fluid to recover									
4	10/18/2011	9,872'	9,877'	6,809	41.1	Frac Uteland Butte as follows: Frac with 2856# 100 Mesh, 3075# 30/50 White Sand with 21920lbs fluid to recover									
3	10/18/2011	10,062'	10,067'	6,862	38.8	Frac Uteland Butte as follows: Frac with 2891# 100 Mesh, 2552# 30/50 White Sand with 20390lbs fluid to recover									
2	10/18/2011	10,252'	10,257'	6,709	31.7	Frac Uteland Butte as follows: Frac with 2387# 100 Mesh, 2087# 30/50 White Sand with 17550lbs fluid to recover									
1	10/18/2011	10,430'	10,435'	6,906	26.7	Frac Uteland Butte as follows: Frac with 1875# 100 Mesh, 1583# 30/50 White Sand with 15970lbs fluid to recover									
CEMENT	Stage 1: 160 cc Class G-29/CaCl Mixed @ 15.8ppg W/1 17' yield returned 30lbs to pt. Cement to surface.														
	Surf														
	Prod	Lead cement (350 sls) Premium Lite II with 3% KCl, 10% bentonite, 1/2lb/sk Celco Flake, 5 blk Kcl Seal and chemical additives mixed at 11.0ppg and 3.53 lb/sk yield Tail cement (290) sls, 50/50 Pow/Class G with 3% KCl, 2% bentonite, 1/4 blk Celco Flake, and chemical additives mixed at 14.4 ppg and 1.24 lb/sk yield Cement to Surface.													
Liner	Uncemented														

4-1/2" shoe @ 10,517'  
TVD = 5,747'  
BHT 226 F

**Multi-Chem Group, LLC**

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

**Water Analysis Report**

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

Sample ID: **WA-53130**

Well Name: **Ashley IF**

Sample Point: **tank**

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

Sales Rep: **Monty Frost**

Lab Tech: **Peter Poulsen**

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

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

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bb1										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

**Conclusions:**

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

**Notes:**

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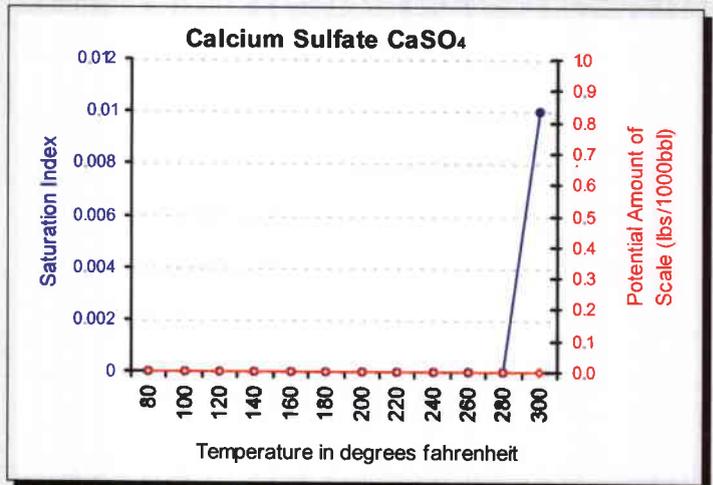
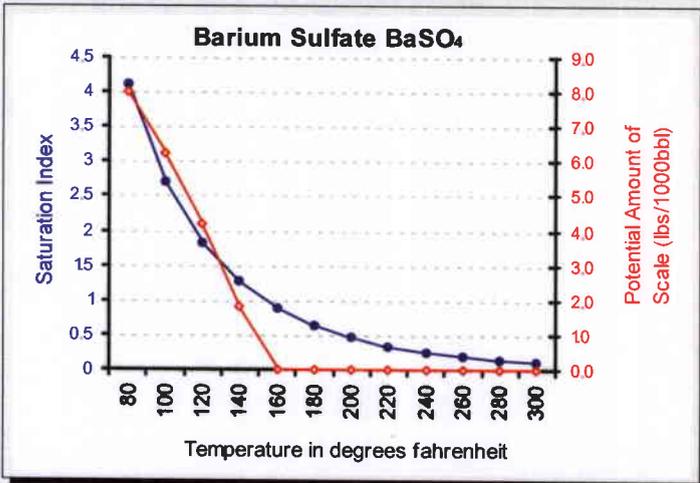
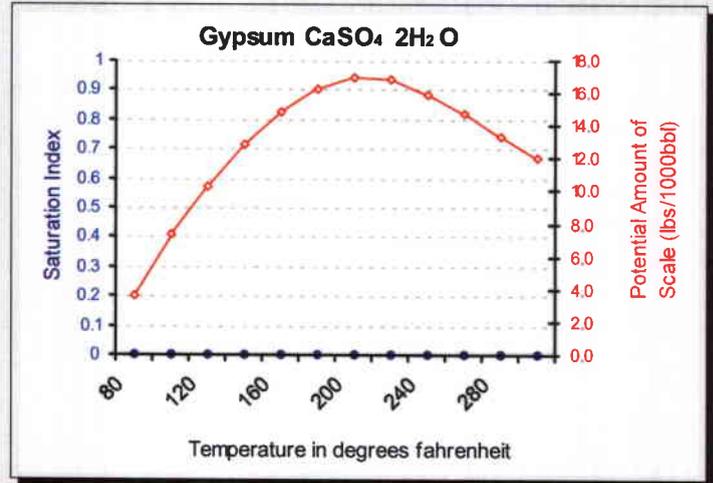
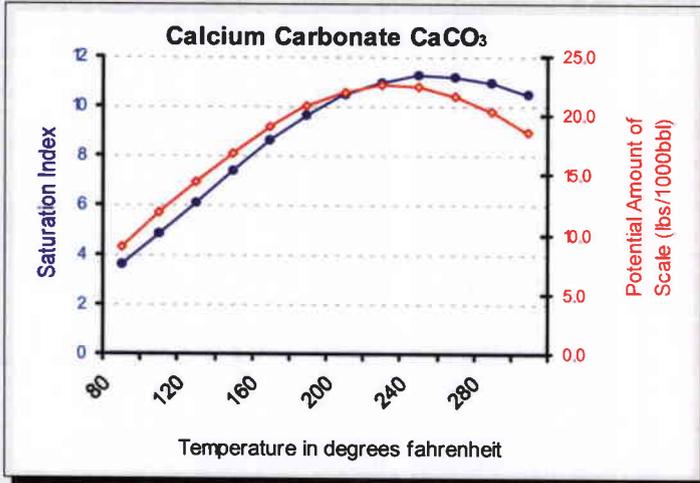
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 Multi-Chem Analytical Laboratory  
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 Vernal, UT 84078

Scale Prediction Graphs

Well Name: Ashley IF

Sample ID: WA-53130



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## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **Ashley Federal 8-22-9-15**  
 Sample Point: **Treater**  
 Sample Date: **5 /16/2011**  
 Sales Rep: **Darren Betts**  
 Lab Tech: **John Keel**

Sample ID: **WA-58659**

Sample Specifics		Analysis @ Properties in Sample Specifics					
Test Date:	6/3/2011	<b>Cations</b>		<b>mg/L</b>	<b>Anions</b>		<b>mg/L</b>
Temperature (°F):	70	Calcium (Ca):	0.90	Chloride (Cl):	1000.00	Sulfate (SO <sub>4</sub> ):	6.00
Sample Pressure (psig):		Magnesium (Mg):	0.80	Dissolved CO <sub>2</sub> :	-	Bicarbonate (HCO <sub>3</sub> ):	4636.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0050	Barium (Ba):	1.10	Carbonate (CO <sub>3</sub> ):	-	H <sub>2</sub> S:	0.50
pH:	8.1	Strontium (Sr):	-	Phosphate (PO <sub>4</sub> ):	-	Silica (SiO <sub>2</sub> ):	-
Turbidity (NTU):	-	Sodium (Na):	2382.00	Fluoride (F):	-	Nitrate (NO <sub>3</sub> ):	-
Calculated T.D.S. (mg/L):	8028	Potassium (K):	-	Lead (Pb):	-	Zinc (Zn):	-
Molar Conductivity (µS/cm):	12163	Iron (Fe):	0.20	Bromine (Br):	-	Boron (B):	-
Resitivity (Mohm):	0.8222	Manganese (Mn):	0.01				
		Lithium (Li):	-				
		Aluminum (Al):	-				
		Ammonia NH <sub>3</sub> :	-				

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
70		0.39	-2.26	0.00	-2068.30	0.00	-2384.10	-	-	0.72	-0.63	1.74
80	0	0.45	-1.67	0.00	-2084.00	0.00	-2345.80	-	-	0.57	-1.15	0.49
100	0	0.58	-0.92	0.00	-2091.50	0.00	-2201.30	-	-	0.39	-2.24	0.66
120	0	0.69	-0.51	0.00	-1934.90	0.00	-1991.20	-	-	0.28	-3.40	0.78
140	0	0.79	-0.27	0.00	-1776.30	0.00	-1744.90	-	-	0.21	-4.72	0.92
160	0	0.86	-0.14	0.00	-1641.80	0.00	-1486.90	-	-	0.16	-6.21	1.09
180	0	0.91	-0.08	0.00	-1526.60	0.00	-1236.60	-	-	0.12	-7.86	1.25
200	0	0.93	-0.05	0.00	-1427.20	0.00	-1007.00	-	-	0.09	-9.65	1.32
220	2.51	0.93	-0.05	0.00	-1354.00	0.00	-812.94	-	-	0.07	-11.76	1.39
240	10.3	0.92	-0.05	0.00	-1280.10	0.00	-640.74	-	-	0.06	-13.90	1.47
260	20.76	0.89	-0.07	0.00	-1216.70	0.00	-498.56	-	-	0.05	-16.22	1.56
280	34.54	0.86	-0.08	0.00	-1162.90	0.00	-383.83	-	-	0.04	-18.75	1.65
300	52.34	0.82	-0.11	0.00	-1117.90	0.00	-292.97	-	-	0.03	-21.51	1.74

**Conclusions:**  
 Calcium Carbonate Scaling Index is negative from 80°F to 300°F  
 Gypsum Scaling Index is negative from 80°F to 300°F  
 Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate Scaling Index is negative from 80°F to 300°F

**Notes:**  
 P=0.06

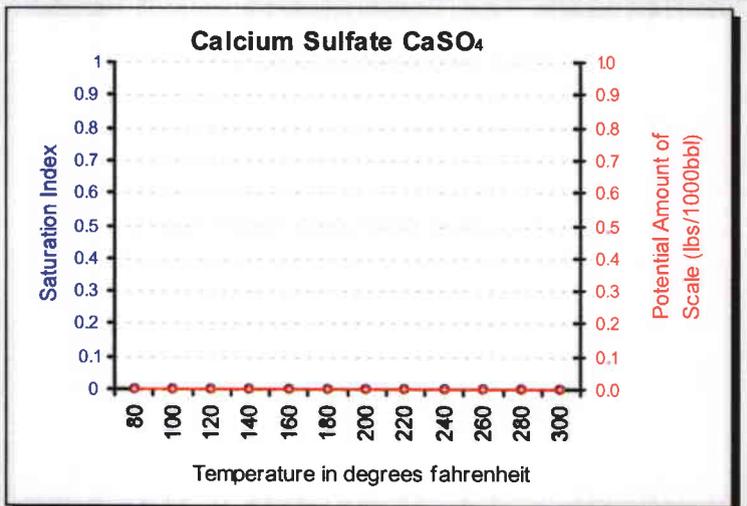
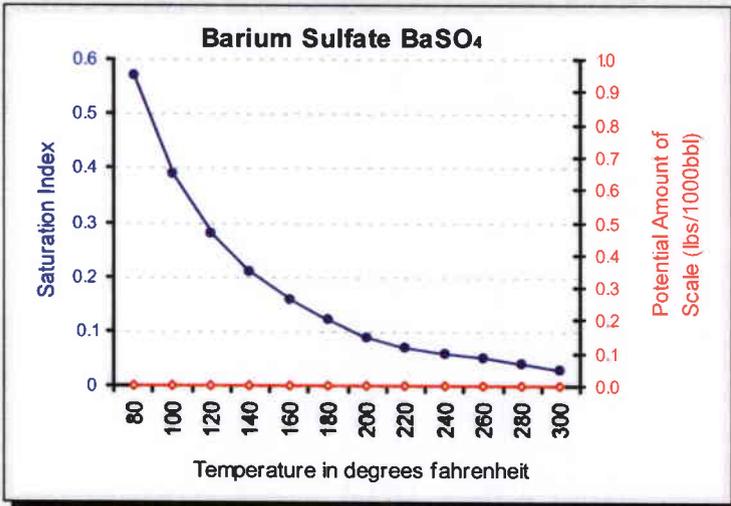
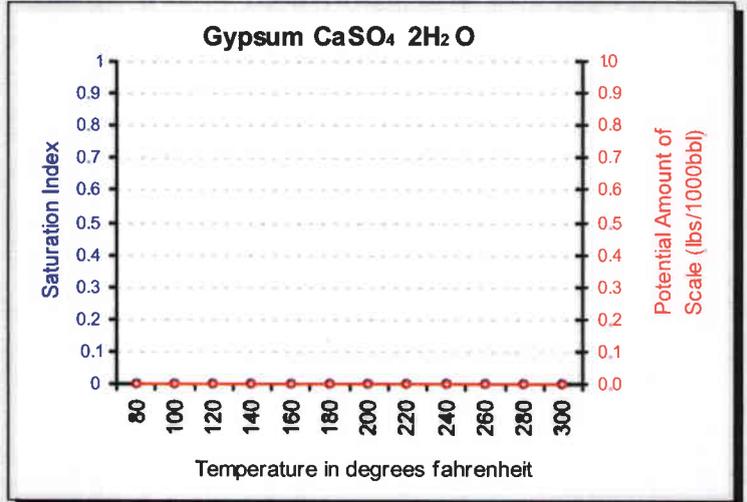
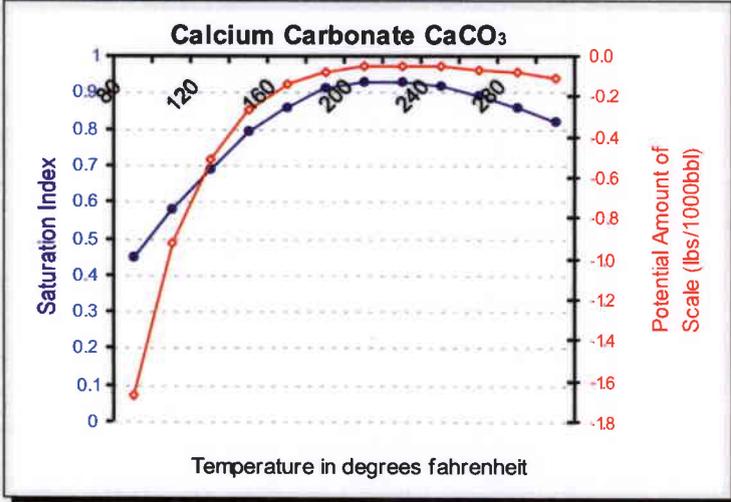
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 Multi-Chem Analytical Laboratory  
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Scale Prediction Graphs

Well Name: Ashley Federal 8-22-9-15

Sample ID: WA-58659



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**Attachment "G"**

**Ashley Federal #8-22-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5554	5646	5600	2175	0.82	2139
4804	4835	4820	2520	0.96	2489
4702	4708	4705	2080	0.88	2049 ←
4612	4634	4623	3495	1.19	3465
				<b>Minimum</b>	<u><u>2049</u></u>

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

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

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

PREPARED BY: [illegible]  
 OCT 26 2011



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: 5-20-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8" @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBTD: 6032'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes rows for LODC sds (5554-5560', 4/24) and CP2 sds (5629-5646', 4/68).

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-May-06 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6032' & cement top @ 55'. Perforate stage #1, CP2 sds @ 5629-46' & LODC sds @ 5554-5560' w/ 4" Port guns (19 gram, .46"HE. 120 w/ 4 spf for total of 92 shots. 144 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

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

COSTS

Table with 2 columns: Item, Cost. Includes Weatherford BOP (\$460), NPC NU crew (\$300), NDSI trucking (\$800), Perforators LLC (\$6,988), Drilling cost (\$305,560), Zubiate Hot Oil (\$425), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC Supervisor (\$300).

DECEMBER

OCT 25 2011

5:00 PM

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

Completion Supervisor: Ron Shuck

DAILY COST: \$320,833
TOTAL WELL COST: \$320,833



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: 5-26-06 Day: 2a  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBDT: 6032'WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: \_\_\_\_\_

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5554-5560'	4/24			
CP2 sds	5629-5646'	4/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-06 SITP: \_\_\_\_\_ SICP: 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP2 & LODC sds, stage #1 down casing w/ 66,054#'s of 20/40 sand in 522 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2264 psi, back to 1173 psi. Treated @ ave pressure of 1772 w/ ave rate of 25.3 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid ir flush for next stage. ISIP was 2175. 666 bbls EWTR. Leave pressure on well. See day2b.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

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

COSTS

Weatherford Services	\$975
NPC frac water	\$952
NPC fuel gas	\$168
BJ Serv CP2&LODC	\$28,728
NPC Supervisor	\$150

4998 gals of pad  
 3319 gals w/ 1-5 ppg of 20/40 sand  
 6622 gals w/ 5-8 ppg of 20/40 sand  
 1441 gals w/ 8 ppg of 20/40 sand  
 504 gals of 15% HCL acid  
 Flush w/ 5040 gals of Slick water

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

Max TP: 2014 Max Rate: 25.5 Total fluid pmpd: 522 bbls  
 Avg TP: 1772 Avg Rate: 25.3 Total Prop pmpd: 66,054#'s  
 ISIP: .82 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .82

Completion Supervisor: Ron Shuck

DAILY COST: \$30,973  
 TOTAL WELL COST: \$351,806



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: 5-26-06 Day: 2b  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBDT: 6032'WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: 4950'  
 Plug 4770'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4702-4708'	4/24			
D3 sds	4804-4814'	4/40			
C sds	4828-4835'	4/28			
LODC sds	5554-5560'	4/24			
CP2 sds	5629-5646'	4/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-May-06 SITP: \_\_\_\_\_ SICP: 1234

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 7' & 10' per guns. Set plug @ 4950'. Perforate C sds @ 4828-4835' & D3 sds @ 4804-14' w/ 3-1/8" Slick Guns ( 23 gram, .43"HE 90 ) w 4 spf for total of 68 shots. RU BJ & frac stage #2 w/ 59,712#'s of 20/40 sand in 468 bbls of Lightning 17 frac fluid. Open well w/ 1234 psi on casing. Perfs broke down @ 3345 psi. Treated @ ave pressure of 1963 w/ ave rate of 25.2 w/ 8 ppg. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2520. 1134 bbls EWTR. Leave pressure on well. RIH & set plug @ 4770'. Perforate D1 sds @ 4702-08'. RU BJ & perfs won't break down. RIH & tag sand @ 4637'. Flow well back. Well flowed 160 bbls back(lite sand, some acid). SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1134 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 160 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 974 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: C & D3 sds down casing

Weatherford Services	\$2,200
NPC frac water	\$884
NPC fuel gas	\$156
BJ Services C&D3sds	\$18,809
NPC Supervisor	\$150
Lone Wolf C & D3 sd	\$5,192
Flow back hand	\$240

4494 gals of pad  
 3000 gals w/ 1-5 ppg of 20/40 sand  
 6000 gals w/ 5-8 ppg of 20/40 sand  
 1374gals w/ 8 ppg of 20/40 sand  
 504 gals of 15% HCL acid  
 Flush w/ 4284 gals of Slick water

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

Max TP: 2226 Max Rate: 25.5 Total fluid pmpd: 468 bbls  
 Avg TP: 1963 Avg Rate: 25.3 Total Prop pmpd: 59,712#'s  
 ISIP: .96 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .96

Completion Supervisor: Ron Shuck

DAILY COST: \$27,631  
 TOTAL WELL COST: \$379,437



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: 5-27-06 Day: 3
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBTD: 6032'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4950' Plug 4950'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include D1 sds, D3 sds, C sds, LODC sds, CP2 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 26-May-06 SITP: SICP: 0

Open well w/ 0 psi on casing. RU BJ & perfs won't break down. RIH w/ frac plug & 11' perf gun. Tag sand @ 4512 (106' of sand over DS3). RD BJ & WLT. SIFN. Come back & frac 2 stages Wednesday down casing.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 974 Starting oil rec to date:
Fluid lost/recovered today: Oil lost/recovered today:
Ending fluid to be recovered: 974 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac Weatherford Services \$975
Company: BJ Services Lone Wolf D1 sds \$8,746
Procedure or Equipment detail: sds down casing NPC Supervisor \$300

gals of pad
gals w/ 1-5 ppg of 20/40 sand
gals w/ 5-8 ppg of 20/40 sand OCT 26 2011
gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 00 gals of Slick water

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

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

Completion Supervisor: Ron Shuck

DAILY COST: \$10,021
TOTAL WELL COST: \$389,458







**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 8-22-9-15 **Report Date:** June 1, 2006 **Day:** 5b  
**Operation:** Completion **Rig:** NC #1

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 311' **Prod Csg:** 5-1/2" @ 6119' **Csg PBTD:** 6032'WL  
**Tbg:** **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 0 **BP/Sand PBTD:** 4680'  
**Plug** 4950' 4770'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>DS3 sds</u>	<u>4612-4634'</u>	<u>4/88</u>			
<u>D1 sds</u>	<u>4702-4708'</u>	<u>4/24</u>			
<u>D3 sds</u>	<u>4804-4814'</u>	<u>4/40</u>			
<u>C sds</u>	<u>4828-4835'</u>	<u>4/28</u>			
<u>LODC sds</u>	<u>5554-5560'</u>	<u>4/24</u>			
<u>CP2 sds</u>	<u>5629-5646'</u>	<u>4/68</u>			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** May 31, 2006 **SITP:** \_\_\_\_\_ **SICP:** 1305

Day5b.

RU Lone Wolf WLT & lubricator. RIH w/ frac plug & 11' perf gun. Set plug @ 4680'. Perforate DS3 sds @ 5612-34 w/ 4 spf for total of 88 shots. RU BJ & frac stage #4 w/ 88,286#'s of 20/40 sand in 648 bbls of Lightning 17 frac fluid Open well w/ 1305 psi on casing. Perfs took water @ 1528. Treated @ ave pressure of 2672 w/ ave rate of 24.9 bpr w/ 8 ppg of sand. ISIP was 3495. 1895 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1.5 hours & diec w/ 104 bbls rec'd. RD Cameron BOP & 5M frac head. Instal 3M production head & BOP. RIH w/ 4-3/4" bit & bit sub TIH w/126 jts tbg. RU pump & tanks. Circulate well clean. SIFN.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 1895 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 104 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1791 **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

**STIMULATION DETAIL**

**Base Fluid used:** Lightning 17 **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** DS3 sds down casing

6804 gals of pad  
4625 gals w/ 1-5 ppg of 20/40 sand  
9250 gals w/ 5-8 ppg of 20/40 sand  
2001 gals w/ 8 ppg of 20/40 sand  
Flush w/ 4536 gals of Slick water

**COSTS**

<u>NC #1 rig</u>	<u>\$2,037</u>
<u>NPC frac water</u>	<u>\$1,400</u>
<u>NPC fuel gas</u>	<u>\$300</u>
<u>BJ Services DS3 sds</u>	<u>\$24,440</u>
<u>Weatherford Services</u>	<u>\$2,200</u>
<u>NPC Supervisor</u>	<u>\$150</u>
<u>Lone Wolf DS3 sds</u>	<u>\$5,640</u>
<u>Weatherford BOP's</u>	<u>\$140</u>

**Max TP:** 3146 **Max Rate:** 25.1 **Total fluid pmpd:** 648 bbls  
**Avg TP:** 2672 **Avg Rate:** 24.9 **Total Prop pmpd:** 88,286#'s  
**ISIP:** 3495 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** 1.2  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$36,307  
**TOTAL WELL COST:** \$629,574



8 of 9

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: June 2, 2006 Day: 06  
 Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBTD: 6076'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5943' BP/Sand PBTD: 6076'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS3 sds	<u>4612-4634'</u>	<u>4/88</u>			
D1 sds	<u>4702-4708'</u>	<u>4/24</u>			
D3 sds	<u>4804-4814'</u>	<u>4/40</u>			
C sds	<u>4828-4835'</u>	<u>4/28</u>			
LODC sds	<u>5554-5560'</u>	<u>4/24</u>			
CP2 sds	<u>5629-5646'</u>	<u>4/68</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 1, 2006 SITP: 0 SICP: 0

Con't TIH W/ bit & tbg. Tag fill @ 4524'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4524', plug @ 4680' in 30 minutes; no sd, plug @ 4770' in 23 minutes; no sd, plug @ 4950' in 41 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5867'. PL swivel. Drill plug remains & sd to PBTD @ 6076'. Circ hole clean. Lost est 60 BW during cleanout. RD swivel. Pul EOT to 5943'. RU swab equipment. IFL @ sfc. Made 10 swb runs rec 111 BTF W/ light tr gas & oil and still fair trace of sand. FFL @ 2700'. SIFN W/ est 1729 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1791 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 62 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1729 Cum oil recovered: \_\_\_\_\_  
 IFL: sfc FFL: 2700' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

STIMULATION DETAIL

COSTS

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

NC #1 rig	\$4,552
Weatherford BOP	\$140
NDSI wtr transfer	\$400
NPC trucking	\$600
Weatherford swivel	\$750
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

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

DAILY COST: \$7,347  
 TOTAL WELL COST: \$636,921

OCT 26 2011



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-22-9-15 Report Date: June 3, 2006 Day: 07  
 Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6119' Csg PBTD: 6076'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 5601' BP/Sand PBTD: 6076'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS3 sds	4612-4634'	4/88			
D1 sds	4702-4708'	4/24			
D3 sds	4804-4814'	4/40			
C sds	4828-4835'	4/28			
LODC sds	5554-5560'	4/24			
CP2 sds	5629-5646'	4/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 2, 2006 SITP: 50 SICP: 50

Bleed gas off well. Con't swabbing well for cleanup. IFL @ 1600'. Made 5 swb runs rec 52 BTF W/ light gas, tr oil & no sand. FFL @ 3300'. TIH W/ tbg. Tag sd @ 6046' (30' new fill). C/O sd to PBTD @ 6076'. Circ hole clean. Lost est 75 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 177 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Se TA @ 5601' W/ SN @ 5667' & EOT @ 5732'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 111-3/4" plain rods, 98-3/4" scraped rods, 1-8' & 1-6' > 3/4" pony rods 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. RDMOSU. Est 1755 BWTR. Place well on production @ 7:00 PM 6/2/2006 W/ 86" SL @ 5 SPM. FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1729 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 26 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1755 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
		NC #1 rig \$4,291
KB 12.00'	1 1/2" X 22' polished rod	Weatherford BOP \$140
177 2 7/8 J-55 tbg (5588.54')	1-8' & 1-6' X 3/4" pony rods	Central machine-PBGA \$550
TA (2.80' @ 5600.54' KB)	98-3/4" scraped rods	NPC trucking \$300
2 2 7/8 J-55 tbg (63.25')	111-3/4" plain rods	CDI rod pump \$1,400
SN (1.10' @ 5666.59' KB)	10-3/4" scraped rods	"A" grade rod string \$13,727
2 2 7/8 J-55 tbg (63.40')	6-1 1/2" weight rods	Zubiate HO trk \$250
2 7/8 NC (.45')	CDI 2 1/2' X 1 1/2" X 14'	NPC frac tks(5X8 dys) \$1,600
EOT 5731.54' W/ 12' KB	RHAC pump W/ SM plunger	NPC swb tk (4 dys) \$160
		NPC frac head \$500
		NPC supervision \$300

DAILY COST: \$23,218

Completion Supervisor: Gary Dietz OCT 26 2001

TOTAL WELL COST: \$660,139

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4562'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 189' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 362'.

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

Ashley Federal #8-22-9-15

ENCLOSURE

OCT 26 2011

ENCLOSURE

# Ashley Federal 8-22-9-15

Spud Date: 04/24/06  
 Put on Production: 06/02/06  
 K.B.: 6489, G.L.: 6477

Initial Production: BOPD,  
 MCFD, BWPD

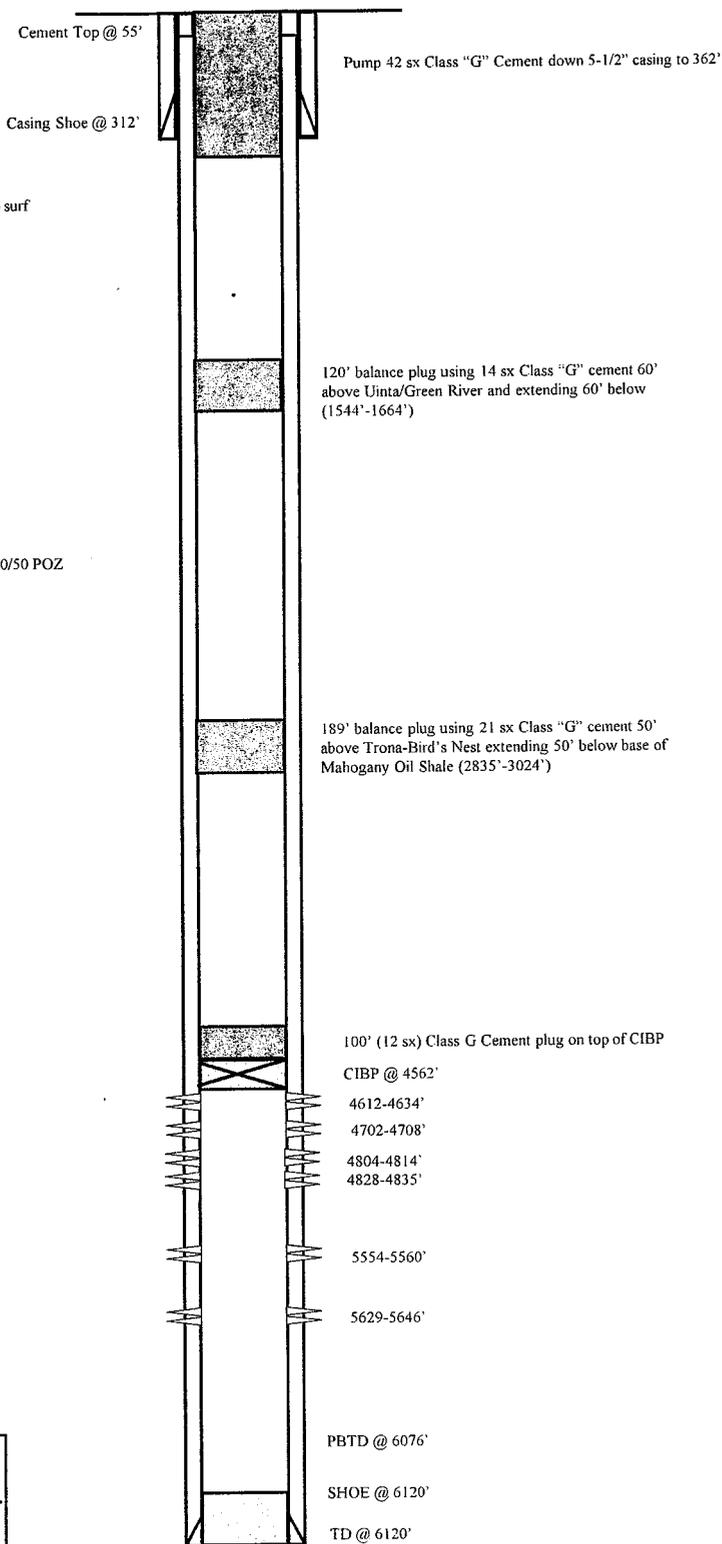
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (299.94')  
 DEPTH LANDED: 311 79' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (6058.28')  
 DEPTH LANDED: 6119.63' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP: 55'




<p><b>Ashley Federal 8-22-9-15</b>                  1813' FNL &amp; 720' FEL                  SE/NE Section 8-T9S-R15E                  Duchesne Co, Utah                  API #43-013-32858; Lease #UTU-66185</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-68548
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1813 FNL 720 FEL SENE Section 22 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 8-22-9-15
		9. API Well No. 4301332858
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

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

FORM APPROVED

OCT 26 2011

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Lovle	Title Regulatory Technician
Signature 	Date 10/21/2011

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

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

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

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

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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	11/7/2011

RECEIVED  
NOV 16 2011

DIV. OF OIL, GAS & MINING

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

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

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

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

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

Greater Monument Butte Unit,  
Ashley Federal 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32858  
Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827  
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828  
Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817  
Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32423

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 intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

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

AFFIDAVIT OF PUBLICATION

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

PUBLISHED ON Start 11/04/2011 End 11/04/2011

SIGNATURE Brad Hill

11/7/2011

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

*Virginia Craft*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT  
22.50 / CSE / GAS OIL ADMIN / 12/16/11

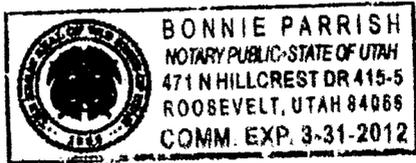
# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

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

Kevin Ashby  
Publisher

Subscribed and sworn to before me this  
8 day of November, 20 11  
Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-381

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

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

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

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

- Greater Monument Butte Unit: Ashley Federal 8-22-

Last week I met

Ostertag Beats Guy

offense. He was the student to have his ber retired. Also considered running back Albie I defensive Bob Fuhr jazz forward Shandon jazz forward Billy Pe jazz center Billy Pe forward Jerry Chan center Mike Sojour fans are probably sa are those last two g

requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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

Dated this 1st day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

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

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 8-22-9-15

**Location:** 22/9S/15E      **API:** 43-013-32858

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

**Well Integrity:** The proposed well has surface casing set at 312 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,120 feet. A cement bond log demonstrates adequate bond in this well up to about 3,106 feet. A 2 7/8 inch tubing with a packer will be set at 4,562 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 8 producing wells and 5 injection wells in the AOR. There is 1 producing horizontal well with a surface location outside the AOR, a long horizontal section passing through the AOR, and a bottom hole location slightly outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 3,983 feet and 6,076 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 8-22-9-15 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,049 psig. The requested maximum pressure is 2,049 psig. We intend to permit this well at a maximum pressure of 2,000 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 8-22-9-15**  
**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: 11/4/2011 (rev. 12/22/11 &12/19/13)

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

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

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Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
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Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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

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

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

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

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

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

**Cause No. UIC-381**

Publication Notices were sent to the following:

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

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

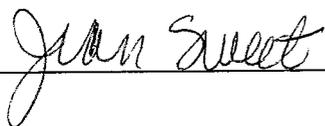
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

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

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

November 1, 2011

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



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

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

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

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

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

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

**Confirmation Notes:**

**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 68 Li	<NONE>

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

**Ad Content Proof Actual Size**

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

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

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Dated this 1st day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
739594

UPAXLP



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

November 1, 2011

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



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

---

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

---

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

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

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



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 12, 2012

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 8-22-9-15, Section 22, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32858

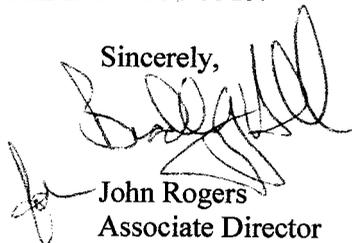
Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,106 feet in the Ashley Federal 8-22-9-15 well.

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

Sincerely,



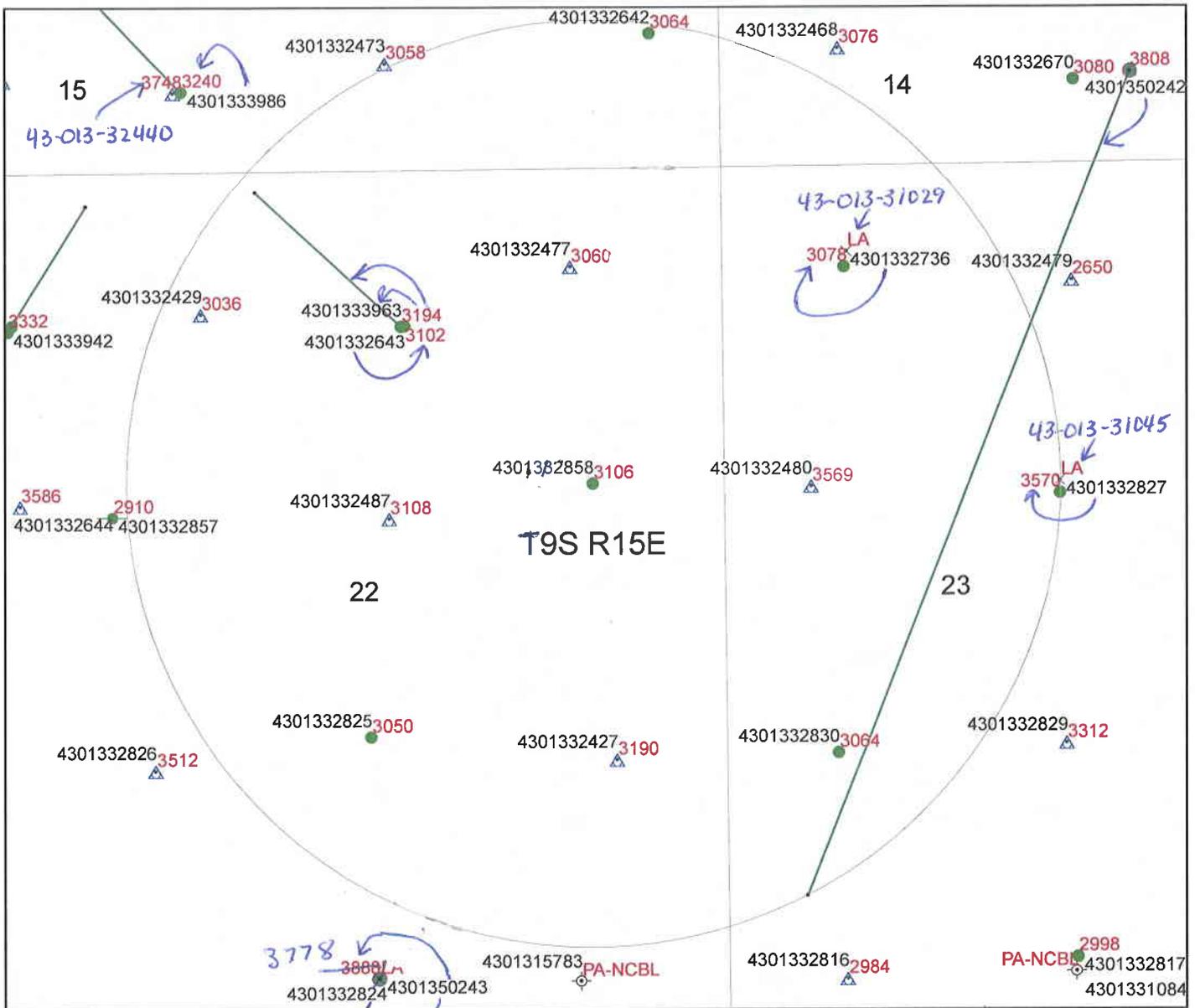
John Rogers  
Associate Director

JR/MLR/js

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

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





# Cement Bond Tops ASHLEY FEDERAL 8-22-9-15

API #43-013-32858

UIC-381.5

## Legend

- |  |     |
|--|-----|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_104 | PGW |
| <b>SGID93.ENERGY.DNROilGasWells</b>        | POW |
| <b>GIS_STAT_TYPE</b>                       | RET |
| APD  | SGW |
| DRL  | SOW |
| GIW  | TA  |
| GSW  | TW  |
| LA   | WDW |
| LOC  | WIW |
| OPS  | WSW |
| PA   |     |

- SGID93.BOUNDARIES.Counties
- SGID93.ENERGY.DNROilGasWells\_HDBottom
- SGID93.ENERGY.DNROilGasWells\_HDPath
- Wells-CbltopsMaster01\_20\_12



1870calc = approx cement top calculated from well completion report





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-381

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 8-22-9-15  
**Location:** Section 22, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32858  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 12, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,983' – 6,076') (Note that injection top is revised upward from 4,106 feet in conversion approval)
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

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

  
John Rogers  
Associate Director

\_\_\_\_\_  
Date

1/6/2014

JR/MLR/js

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

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)



<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-68548
<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 8-22-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013328580000
<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> 1813 FNL 0720 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 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

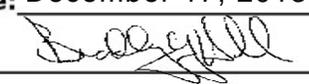
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/5/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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

The subject well has been converted from a producing oil well to an injection well on 12/03/2013. New intervals perforated, GB6 sands - 4198-4203' 3 JSPF & GB4 sands - 4160-4168' 3 JSPF. On 12/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/05/2013 the casing was pressured up to 1211 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

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

Date: December 17, 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> 12/13/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 12/5/13 Time 11:20 am pm

Test Conducted by: Johnny Daniels

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

Well: <u>Ashley 8-22-9-15</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/NE Sec. 22, T4S, R15E</u> <u>Purchase county</u>	API No: <u>43-015-32858</u>

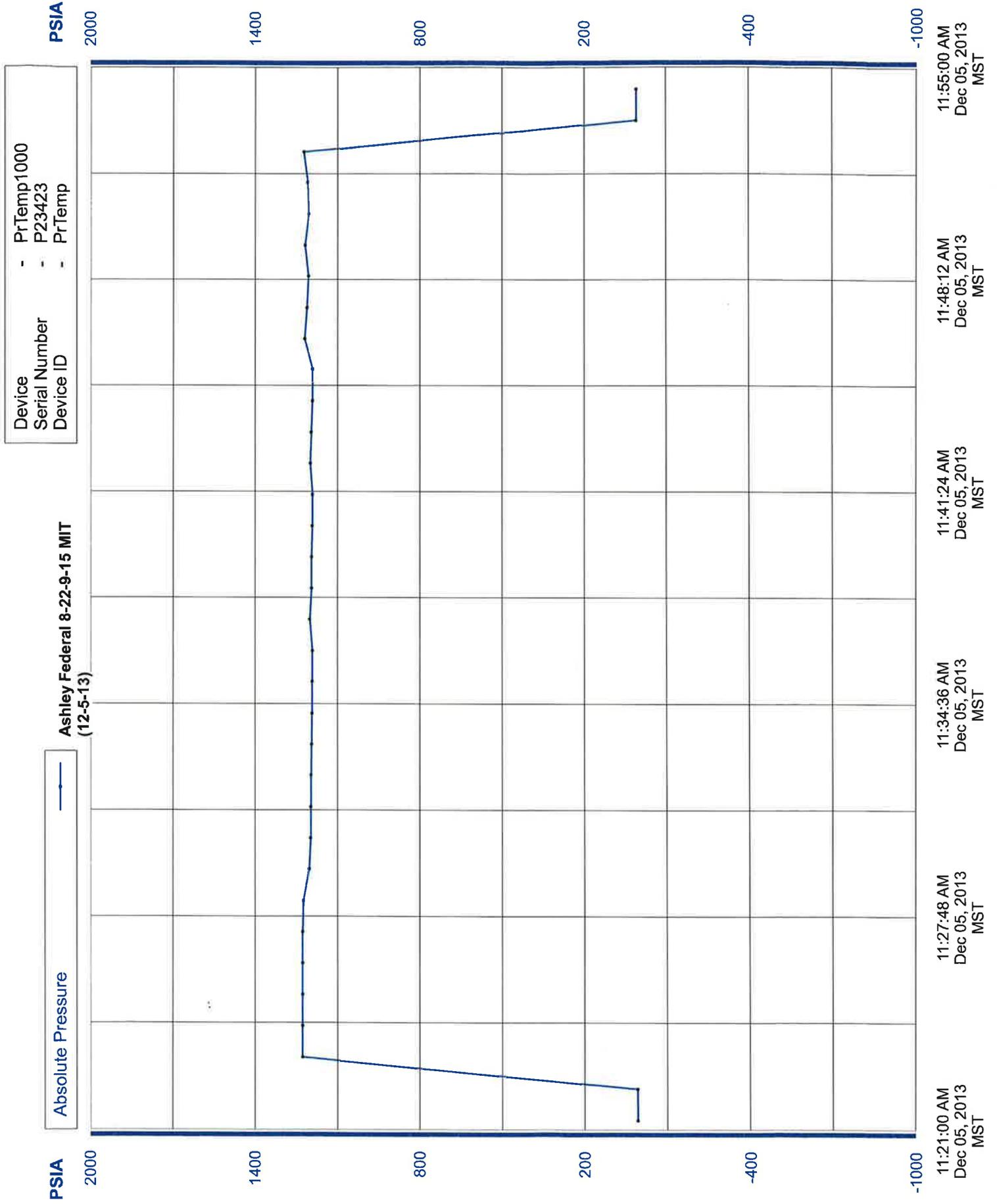
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1227</u>	psig
5	<u>1227</u>	psig
10	<u>1196</u>	psig
15	<u>1201</u>	psig
20	<u>1199</u>	psig
25	<u>1211</u>	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Johnny Daniels



## Summary Rig Activity

**Daily Activity Report**

Format For Sundry

**ASHLEY 8-22-9-15****9/1/2013 To 1/30/2014****11/26/2013 Day: 1****Conversion**

Nabors #1608 on 11/26/2013 - MIRUSU, RD unit & unseat pump, Test tbg to 3,000 psi, Good test, LD rods & pump, Un-set TAC & NU BOPs - Travel time - Travel time - SPOT IN RIG AND R/U, R/D HORSE HEAD, HOT OILER PUMPED 60 BBLS DOWN CSG - UNSEAT PUMP, LAY DOWN POLISH ROD, FLUSH RODS W/ 30 BBLS - SOFT SEAT RODS, FILL TBG W/ 15 BBLS, PRESSURE TEST TBG TO 3000 PSI (GOOD TEST) - LAY DOWN 219 3/4 4 PERS, 6 K BARS AND A PUMP, STOPPED AND FLUSHED RODS HALF WAY OUT W/ 20 BBLS ( ROD COUNT WAS CORRECT) - TIE BACK TO SINGLE LINE, CHANGE OVER FOR TBG, N/D B-1 FLANGE (ANCHOR IS SET), N/U BOPS, R/U WORK FLOOR, SWIFN - Travel time - Travel time - CHAIN UP EQUIPMENT, MOVE RIG 2 MILES TO LOCATION - SPOT IN RIG AND R/U, R/D HORSE HEAD, HOT OILER PUMPED 60 BBLS DOWN CSG - UNSEAT PUMP, LAY DOWN POLISH ROD, FLUSH RODS W/ 30 BBLS - SOFT SEAT RODS, FILL TBG W/ 15 BBLS, PRESSURE TEST TBG TO 3000 PSI (GOOD TEST) - LAY DOWN 219 3/4 4 PERS, 6 K BARS AND A PUMP, STOPPED AND FLUSHED RODS HALF WAY OUT W/ 20 BBLS ( ROD COUNT WAS CORRECT) - TIE BACK TO SINGLE LINE, CHANGE OVER FOR TBG, N/D B-1 FLANGE (ANCHOR IS SET), N/U BOPS, R/U WORK FLOOR, SWIFN - Travel time - Travel time - CHAIN UP EQUIPMENT, MOVE RIG 2 MILES TO LOCATION - SPOT IN RIG AND R/U, R/D HORSE HEAD, HOT OILER PUMPED 60 BBLS DOWN CSG - UNSEAT PUMP, LAY DOWN POLISH ROD, FLUSH RODS W/ 30 BBLS - SOFT SEAT RODS, FILL TBG W/ 15 BBLS, PRESSURE TEST TBG TO 3000 PSI (GOOD TEST) - LAY DOWN 219 3/4 4 PERS, 6 K BARS AND A PUMP, STOPPED AND FLUSHED RODS HALF WAY OUT W/ 20 BBLS ( ROD COUNT WAS CORRECT) - TIE BACK TO SINGLE LINE, CHANGE OVER FOR TBG, N/D B-1 FLANGE (ANCHOR IS SET), N/U BOPS, R/U WORK FLOOR, SWIFN - CHAIN UP EQUIPMENT, MOVE RIG 2 MILES TO LOCATION **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$12,304**11/27/2013 Day: 3****Conversion**

Nabors #1608 on 11/27/2013 - Continue PU N-80 workstring, Set & test tools, Break down perfs, SDFW - Travel time - Travel time - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - SPOT IN WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO 4500', TOO H W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH, 21.00 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE - SPOT IN WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO 4500', TOO H W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH, 21.00 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80 TBG. SWIFN - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80 TBG. SWIFN - Travel time - Travel time - Travel time - Travel time - P/U 116 JTS OF 2 7/8 N-80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN

AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS W/ MUD PUMP, PRESSURE TEST PKR @ 3,000 PSI. WATCH FOR 5 MINUTES (GOOD TEST) HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN FIRST SET OF PERFS @ 4160-4168. BROKE @ 900 PSI - P/U 116 JTS OF 2 7/8 N-80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS W/ MUD PUMP, PRESSURE TEST PKR @ 3,000 PSI. WATCH FOR 5 MINUTES (GOOD TEST) HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN FIRST SET OF PERFS @ 4160-4168. BROKE @ 900 PSI - RELAESE PKR AND MOVE PLUG DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG, HOTOILER FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR AND MOVE PLUG DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG, HOTOILER FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR, MAKE UP WASH STAND, STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @ 4130', DRAIN UP HARDLINE AND PUMP, SWIFN - RELAESE PKR, MAKE UP WASH STAND, STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @ 4130', DRAIN UP HARDLINE AND PUMP, SWIFN - CREW TRAVEL - CREW TRAVEL - Travel time - Travel time - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - SPOT IN WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO 4500', TOOH W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH, 21.00 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE - SPOT IN WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO 4500', TOOH W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH, 21.00 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80 TBG. SWIFN - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80 TBG. SWIFN - Travel time - Travel time - Travel time - Travel time - P/U 116 JTS OF 2 7/8 N-80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS W/ MUD PUMP, PRESSURE TEST PKR @ 3,000 PSI. WATCH FOR 5 MINUTES (GOOD TEST) HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN FIRST SET OF PERFS @ 4160-4168. BROKE @ 900 PSI - P/U 116 JTS OF 2 7/8 N-80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS W/ MUD PUMP, PRESSURE TEST PKR @ 3,000 PSI. WATCH FOR 5 MINUTES (GOOD TEST) HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN FIRST SET OF PERFS @ 4160-4168. BROKE @ 900 PSI - RELAESE PKR AND MOVE PLUG DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG, HOTOILER FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR AND MOVE PLUG DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG, HOTOILER FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR, MAKE UP WASH STAND, STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @ 4130', DRAIN UP HARDLINE AND PUMP, SWIFN - RELAESE PKR, MAKE UP WASH STAND, STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @ 4130', DRAIN UP HARDLINE AND PUMP, SWIFN - CREW TRAVEL - CREW TRAVEL - Travel time - Travel time - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - HOTOILER PUMPED 30 BBLS DOWN TBG, BLEED DOWN WELL, POOH W/ 131 JTS OF 2 7/8 J55 TBG BREAK AND DOPING COLLARS, HOTOILER FLUSHED 20 MORE BARRELS DOWN TBG HALF WAY OUT, TALLY TBG - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - LAY DOWN 50 JTS OF 2 7/8 J55 TBG ONTO PIPE TRAILER, HOTOILER PUMPED DOWN CSG TO KEEP TBG CLEAN - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - R/D WASHINGTON HEAD, R/U PUMP HARDLINE WHILE WAITING FOR WIRELINE - SPOT IN

WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO 4500',  
 TOOH W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH, 21.00  
 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE -  
 SPOT IN WIRELINE, HOLD SAFETY MEETING, R/U WIRELINE, TIH W/ 4 3/4 GUAGE RING TO  
 4500', TOOH W/ GUAGE RING, MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (16g, 0.34 EH,  
 21.00 pen, 3 SPF), PERFORATE GB-6 @ 4189'-03' & GB-4 @ 4160'-68', POOH & RD WIRELINE  
 - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80 TBG.  
 SWIFN - MU & RIH W/ WFT 5 1/2" HD PKR & TS BRIDGE PLUG, P/U 15 JTS OF 2 7/8 N-80  
 TBG. SWIFN - Travel time - Travel time - Travel time - Travel time - P/U 116 JTS OF 2 7/8 N-  
 80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS  
 W/ MUD PUMP, PRESSURE TEST PKR @ 3,000 PSI. WATCH FOR 5 MINUTES (GOOD TEST)  
 HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN FIRST SET OF PERFS @ 4160-4168.  
 BROKE @ 900 PSI - P/U 116 JTS OF 2 7/8 N-80 TBG, SET PLUG @ 4180', LAY ONE JT DOWN  
 AND SET PKR @ 4130' , FILL CSG W/ 27 BBLS W/ MUD PUMP, PRESSURE TEST PKR @ 3,000  
 PSI. WATCH FOR 5 MINUTES (GOOD TEST) HOTOILER FILLED TBG W/ 16 BBLS, BREAK DOWN  
 FIRST SET OF PERFS @ 4160-4168. BROKE @ 900 PSI - RELAESE PKR AND MOVE PLUG  
 DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG, HOTOILER  
 FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR AND MOVE  
 PLUG DOWN TO 4233', LAY DOWN 2 JTS, ADD 14' SUBS, SET PKR @ 4274', FILL CSG,  
 HOTOILER FILLED TBG, BREAK DOWN PERFS @ 4198'-4203' @ 3300 PSI - RELAESE PKR,  
 MAKE UP WASH STAND, STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @  
 4130', DRAIN UP HARDLINE AND PUMP, SWIFN - RELAESE PKR, MAKE UP WASH STAND,  
 STAB DRILL RUBBER, LEFT PLUG @ 4233', PKR LEFT HANGING @ 4130', DRAIN UP HARDLINE  
 AND PUMP, SWIFN - CREW TRAVEL - CREW TRAVEL **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$26,529**12/2/2013 Day: 4****Conversion**

Nabors #1608 on 12/2/2013 - RU HES frac equipment, Frac 2-stg tbg frac & flowback,  
 Release tools, LD N-80 work string & tools - SWIFN AND BREAK DOWN AND DRAIN PUMP AND  
 HARDLINE - SWIFN AND BREAK DOWN AND DRAIN PUMP AND HARDLINE - RU FLOWBACK  
 IRON, OPEN WELL TO TANK @ APPROX 3 BPM, FLOWBACK TTL OF 120 BBLS FLUID, RELEASE  
 PKR & CIRCULATE TBG CLEAN, TIH & CLEAN 5' SAND OFF PLUG & CIRCULTE WELL CLEAN,  
 RELEASE PLUG & TOOH W/ TOOLS - RU HES FRAC EQUIPMENT, TEST LINES TO 5000 PSI,  
 BREAK DOWN FRAC GB-4 FORMATION @ 4691 PSI W/ 2.0 BBLS FRESH WATER @ 1.9 BPM,  
 PUMPED TTL OF 303 BBLS FRESH WATER, MAX PRESS 3770 PSI, AVG PRESS 3499 PSI, MAX  
 RATE 18.4 BPM, AVG RATE 18.3 BPM, PUMPED TTL OF 30,300# 20/40 WHITE SAND IN  
 FORMATION, ISIP 1122 PSI, F.G. .70, SWI - RU FLOWBACK IRON, OPEN WELL TO TANK @  
 APPROX 3 BPM, FLOWBACK TTL OF 70 BBLS FLUID, RELEASE PKR & CIRCULATE TBG CLEAN,  
 TIH & CLEAN 30' SAND OFF PLUG & CIRCULTE WELL CLEAN, RELEASE PLUG & TOOH W/  
 TOOLS, SET RBP @ 4180', TOOH & MU FRAC VALVE, SET PKR @ 4134' - Travel time - CICIP 0  
 PSI, CITP 0 PSI, PU 1-JT TBG & 14 TBG SUBS, MU FRAC VALVE, RBP @ 4233' & PKR @ 4180',  
 RU HES FRAC EQUIPMENT, PRESS TEST LINES TO 5000 PSI, BREAK DOWN FRAC GB-6  
 FORMATION @ 3744 PSI W/ .7 BBLS FRESH WATER @ 4.0 BPM, PUMPED TTL OF 178 BBLS  
 FRESH WATER, MAX PRESS 3183 PSI, AVG PRESS 2989, MAX RATE 17.5 BPM, AVG RATE 17.4  
 BPM, PUMPED TTL OF 15,000# 20/40 WHITE SAND IN FORMATION, ISIP 1596 PSI, F.G. .81,  
 SWI - LAY DOWN 134 JTS OF 2 7/8 N-80- TBG ONTO PIPE TRAILER AND BREAK TOOLS  
 APART. - RU FLOWBACK IRON, OPEN WELL TO TANK @ APPROX 3 BPM, FLOWBACK TTL OF  
 120 BBLS FLUID, RELEASE PKR & CIRCULATE TBG CLEAN, TIH & CLEAN 5' SAND OFF PLUG &  
 CIRCULTE WELL CLEAN, RELEASE PLUG & TOOH W/ TOOLS - RU HES FRAC EQUIPMENT, TEST  
 LINES TO 5000 PSI, BREAK DOWN FRAC GB-4 FORMATION @ 4691 PSI W/ 2.0 BBLS FRESH  
 WATER @ 1.9 BPM, PUMPED TTL OF 303 BBLS FRESH WATER, MAX PRESS 3770 PSI, AVG  
 PRESS 3499 PSI, MAX RATE 18.4 BPM, AVG RATE 18.3 BPM, PUMPED TTL OF 30,300# 20/40  
 WHITE SAND IN FORMATION, ISIP 1122 PSI, F.G. .70, SWI - CICIP 0 PSI, CITP 0 PSI, PU 1-JT

TBG & 14 TBG SUBS, MU FRAC VALVE, RBP @ 4233' & PKR @ 4180', RU HES FRAC EQUIPMENT, PRESS TEST LINES TO 5000 PSI, BREAK DOWN FRAC GB-6 FORMATION @ 3744 PSI W/ .7 BBLS FRESH WATER @ 4.0 BPM, PUMPED TTL OF 178 BBLS FRESH WATER, MAX PRESS 3183 PSI, AVG PRESS 2989, MAX RATE 17.5 BPM, AVG RATE 17.4 BPM, PUMPED TTL OF 15,000# 20/40 WHITE SAND IN FORMATION, ISIP 1596 PSI, F.G. .81, SWI - CREW TRAVEL - RU FLOWBACK IRON, OPEN WELL TO TANK @ APPROX 3 BPM, FLOWBACK TTL OF 70 BBLS FLUID, RELEASE PKR & CIRCULATE TBG CLEAN, TIH & CLEAN 30' SAND OFF PLUG & CIRCULATE WELL CLEAN, RELEASE PLUG & TOOH W/ TOOLS, SET RBP @ 4180', TOOH & MU FRAC VALVE, SET PKR @ 4134' - CICP 0 PSI, CITP 0 PSI, PU 1-JT TBG & 14 TBG SUBS, MU FRAC VALVE, RBP @ 4233' & PKR @ 4180', RU HES FRAC EQUIPMENT, PRESS TEST LINES TO 5000 PSI, BREAK DOWN FRAC GB-6 FORMATION @ 3744 PSI W/ .7 BBLS FRESH WATER @ 4.0 BPM, PUMPED TTL OF 178 BBLS FRESH WATER, MAX PRESS 3183 PSI, AVG PRESS 2989, MAX RATE 17.5 BPM, AVG RATE 17.4 BPM, PUMPED TTL OF 15,000# 20/40 WHITE SAND IN FORMATION, ISIP 1596 PSI, F.G. .81, SWI - CREW TRAVEL - CREW TRAVEL - Travel time - SWIFN AND BREAK DOWN AND DRAIN PUMP AND HARDLINE - Travel time - RU FLOWBACK IRON, OPEN WELL TO TANK @ APPROX 3 BPM, FLOWBACK TTL OF 70 BBLS FLUID, RELEASE PKR & CIRCULATE TBG CLEAN, TIH & CLEAN 30' SAND OFF PLUG & CIRCULATE WELL CLEAN, RELEASE PLUG & TOOH W/ TOOLS, SET RBP @ 4180', TOOH & MU FRAC VALVE, SET PKR @ 4134' - RU HES FRAC EQUIPMENT, TEST LINES TO 5000 PSI, BREAK DOWN FRAC GB-4 FORMATION @ 4691 PSI W/ 2.0 BBLS FRESH WATER @ 1.9 BPM, PUMPED TTL OF 303 BBLS FRESH WATER, MAX PRESS 3770 PSI, AVG PRESS 3499 PSI, MAX RATE 18.4 BPM, AVG RATE 18.3 BPM, PUMPED TTL OF 30,300# 20/40 WHITE SAND IN FORMATION, ISIP 1122 PSI, F.G. .70, SWI - RU FLOWBACK IRON, OPEN WELL TO TANK @ APPROX 3 BPM, FLOWBACK TTL OF 120 BBLS FLUID, RELEASE PKR & CIRCULATE TBG CLEAN, TIH & CLEAN 5' SAND OFF PLUG & CIRCULATE WELL CLEAN, RELEASE PLUG & TOOH W/ TOOLS - LAY DOWN 134 JTS OF 2 7/8 N-80- TBG ONTO PIPE TRAILER AND BREAK TOOLS APART. - LAY DOWN 134 JTS OF 2 7/8 N-80- TBG ONTO PIPE TRAILER AND BREAK TOOLS APART.

**Daily Cost:** \$0

**Cumulative Cost:** \$92,848

**12/4/2013 Day: 5**

**Conversion**

Nabors #1608 on 12/4/2013 - TIH W/ injection pkr & tbg, Test tbg, ND BOPs & pump pkr fluid, Set pkr @ 4119.77 C.E. & pressure up csg to 1400 psi, SDFN - CREW TRAVEL - SET PACKER @ 4119.77 C.E. REMOVE 8' SUB, N/U NEW 3K INJECTION TREE, LAND WELL W/ 18K TENSION. TIGHTEN WELL, PRESSURE UP ON CSG W/ 1400 PSI, CHECK PRESSURE IN AM & RDMO - HOTOILER PUMPED 60 BBLS W/ PKR FLUID, CIRCULATED TO FLAT TANK - TIE BACK TO SINGLE LINE, ADD 8' PUP JT. R/D WORK FLOOR, N/D BOPS, LAND WELL ON B-1-FLANGE - P/U SANDLINE AND M/U 2" OVER SHOT, TIH TO 4100 TO SV. POOH W/ SANDLINE AND DID NOT HAVE FISH. HAD TO MAKE A SECOND RUN. POOH W/ SV - WATCH PRESSURE TEST. HAD TO BLEED OFF AND PRESSURE BACK UP 3 TIMES BUT DID GET A 100% TEST @ 3,000 PSI - MU & RIH W/ INJECTION STRING AS FOLLOWS: 2 3/8" RE-ENTRY GUIDE, 2 3/8" 1.875 "XN" NIPPLE, 4' X 2 3/8" SUB, X-OVER, 5 1/2" AS1X PACKER W/ ON/OFF TOOL & 1.875 "X" SEAL NIPPLE, TIH W/ 130 JTS OF 2 7/8 J55 TBG CLEANING AND INSPECTING THREADS - SICP 150 PSI, GREASE RIG, RIG UP HARDLINE TO FLAT TANK & BLEED WELL TO TANK - Travel time - CREW TRAVEL - SET PACKER @ 4119.77 C.E. REMOVE 8' SUB, N/U NEW 3K INJECTION TREE, LAND WELL W/ 18K TENSION. TIGHTEN WELL, PRESSURE UP ON CSG W/ 1400 PSI, CHECK PRESSURE IN AM & RDMO - HOTOILER PUMPED 60 BBLS W/ PKR FLUID, CIRCULATED TO FLAT TANK - TIE BACK TO SINGLE LINE, ADD 8' PUP JT. R/D WORK FLOOR, N/D BOPS, LAND WELL ON B-1-FLANGE - P/U SANDLINE AND M/U 2" OVER SHOT, TIH TO 4100 TO SV. POOH W/ SANDLINE AND DID NOT HAVE FISH. HAD TO MAKE A SECOND RUN. POOH W/ SV - WATCH PRESSURE TEST. HAD TO BLEED OFF AND PRESSURE BACK UP 3 TIMES BUT DID GET A 100% TEST @ 3,000 PSI - DROP SV, HOT OILER PUMPED SV TO BOTTOM W/ 30 BBLS (WELL CIRCULATED) PRESSURED UP TO 3,000 PSI - MU & RIH W/ INJECTION STRING AS FOLLOWS: 2 3/8" RE-ENTRY GUIDE, 2 3/8" 1.875 "XN" NIPPLE, 4' X 2 3/8" SUB, X-OVER, 5

## Summary Rig Activity

1/2" AS1X PACKER W/ ON/OFF TOOL & 1.875 "X" SEAL NIPPLE, TIH W/ 130 JTS OF 2 7/8 J55 TBG CLEANING AND INSPECTING THREADS - SICP 150 PSI, GREASE RIG, RIG UP HARDLINE TO FLAT TANK & BLEED WELL TO TANK - Travel time - DROP SV, HOT OILER PUMPED SV TO BOTTOM W/ 30 BBLS (WELL CIRCULATED)PRESSURED UP TO 3,000 PSI - CREW TRAVEL - SET PACKER @ 4119.77 C.E. REMOVE 8' SUB, N/U NEW 3K INJECTION TREE, LAND WELL W/ 18K TENSION. TIGHTEN WELL, PRESSURE UP ON CSG W/ 1400 PSI, CHECK PRESSURE IN AM & RDMO - Travel time - SICP 150 PSI, GREASE RIG, RIG UP HARDLINE TO FLAT TANK & BLEED WELL TO TANK - MU & RIH W/ INJECTION STRING AS FOLLOWS: 2 3/8" RE-ENTRY GUIDE, 2 3/8" 1.875 "XN" NIPPLE, 4' X 2 3/8" SUB, X-OVER, 5 1/2" AS1X PACKER W/ ON/OFF TOOL & 1.875 "X" SEAL NIPPLE, TIH W/ 130 JTS OF 2 7/8 J55 TBG CLEANING AND INSPECTING THREADS - DROP SV, HOT OILER PUMPED SV TO BOTTOM W/ 30 BBLS (WELL CIRCULATED)PRESSURED UP TO 3,000 PSI - WATCH PRESSURE TEST. HAD TO BLEED OFF AND PRESSURE BACK UP 3 TIMES BUT DID GET A 100% TEST @ 3,000 PSI - P/U SANDLINE AND M/U 2" OVER SHOT, TIH TO 4100 TO SV. POOH W/ SANDLINE AND DID NOT HAVE FISH. HAD TO MAKE A SECOND RUN. POOH W/ SV - TIE BACK TO SINGLE LINE, ADD 8' PUP JT. R/D WORK FLOOR, N/D BOPS, LAND WELL ON B-1-FLANGE - HOTOILER PUMPED 60 BBLS W/ PKR FLUID, CIRCULATED TO FLAT TANK **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$123,513**12/6/2013 Day: 6****Conversion**

Rigless on 12/6/2013 - Conduct initial MIT - On 12/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On12/05/2013 the casing was pressured up to 1211 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 12/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On12/05/2013 the casing was pressured up to 1211 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 12/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On12/05/2013 the casing was pressured up to 1211 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$155,725**Pertinent Files: [Go to File List](#)**

Spud Date: 04/24/06  
 Put on Production: 06/02/06  
 K.B.: 6489, G.L.: 6477

# Ashley Federal 8-22-9-15

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.94')  
 DEPTH LANDED: 311.79' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est .5 bbls cmt to surf.

### PRODUCTION CASING

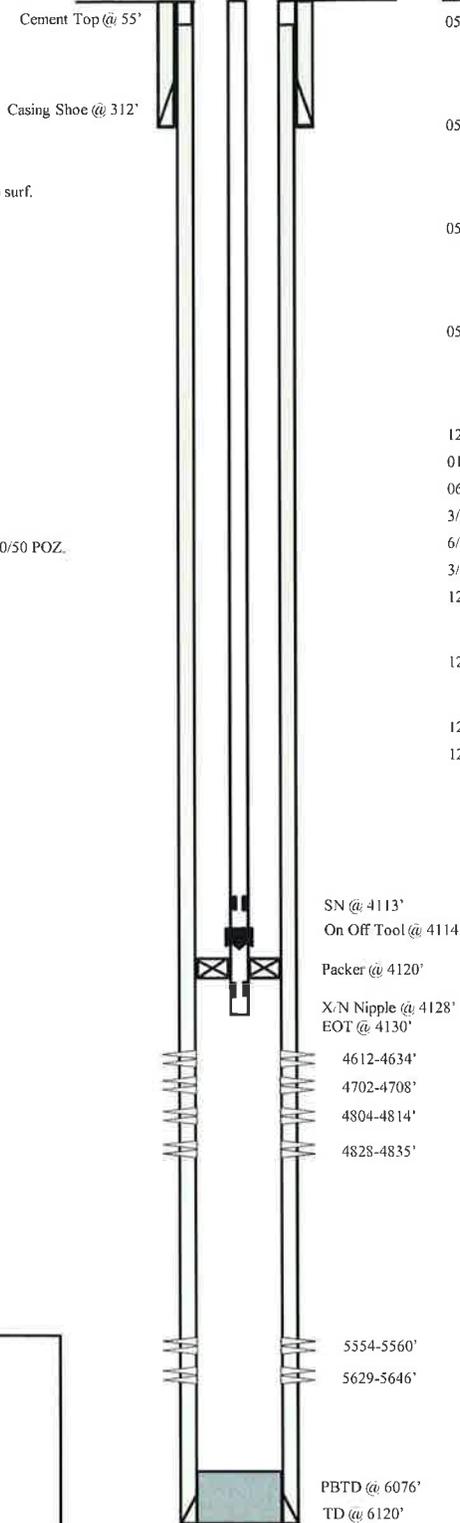
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (6058.28')  
 DEPTH LANDED: 6119.63' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 55'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 130 jts (4101.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4113.4' KB  
 ON/OFF TOOL AT: 4114.5'  
 ARROW #1 PACKER CE AT: 4119.8'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4123.5'  
 TBG PUP 2-3/8 J-55 AT: 4124'  
 X/N NIPPLE AT: 4128.2'  
 TOTAL STRING LENGTH: EOT @ 4129.73'

### FRAC JOB

05/25/06	5554-5646'	<b>Frac LODC, CP2, sands as follows:</b> 66054# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1772 psi w/avg rate of 25.3 BPM. ISIP 2175 psi. Calc flush: 5644gal. Actual flush: 5040 gal.
05/25/06	4804-4835'	<b>Frac D3, C sands as follows:</b> 59712# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 25.2 BPM. ISIP 2520 psi. Calc flush: 4833 gal. Actual flush: 4284 gal.
05/31/06	4702-4708'	<b>Frac D1 sands as follows:</b> 19553# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2515 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 4706 gal. Actual flush: 4242 gal.
05/31/06	4612-4634'	<b>Frac DS3 sands as follows:</b> 88286# 20/40 sand in 648 bbls Lightning 17 frac fluid. Treated @ avg press of 2672 psi w/avg rate of 24.9 BPM. ISIP 3495 psi. Calc flush: 4632 gal. Actual flush: 4536 gal.
12/05/06		<b>Pump change.</b> Update rod and tubing leak.
01/18/07		<b>Pump Change.</b> Rod & Tubing detail updated.
06/21/07		<b>Tubing Leak.</b> Update rod and tubing details.
3/19/09		<b>Pump Change.</b> Updated r & t details.
6/16/09		<b>Parted rods.</b> Updated r & t details.
3/31/10		<b>Pump change.</b> Updated rod and tubing detail
12/02/13	<b>4198-4203'</b>	<b>Frac GB6 sands as follows:</b> 15000# 20/40 sand in 178 bbls Lightning 17 frac fluid.
12/02/13	<b>4160-4168'</b>	<b>Frac GB4 sands as follows:</b> 30300# 20/40 sand in 303 bbls Lightning 17 frac fluid.
12/03/13		<b>Convert to Injection Well</b>
12/05/13		<b>Conversion MIT Finalized</b> – update tbg detail



### PERFORATION RECORD

Date	Depth Range	Tool	Holes
05/19/06	5629-5646'	4 JSPF	68 holes
05/19/06	5554-5560'	4 JSPF	24 holes
05/25/06	4828-4835'	4 JSPF	28 holes
05/25/06	4804-4814'	4 JSPF	40 holes
05/25/06	4702-4708'	4 JSPF	24 holes
05/31/06	4612-4634'	4 JSPF	88 holes
11/26/13	4198-4203'	3 JSPF	15 holes
11/26/13	4160-4168'	3 JSPF	24 holes



**Ashley Federal 8-22-9-15**  
 1813' FNL & 720' FEL  
 SE/NE Section 22-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32858; Lease #UTU-66185

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68548
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: ASHLEY FED 8-22-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1813 FNL 0720 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 22 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013328580000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013328580000	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: 1/21/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 12:30 PM on 01/21/2014.

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

Date: February 03, 2014

By:

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