

002



August 18, 2003

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

RE: Applications for Permit to Drill: Ashley Federal 1-22-9-15, 1-23-9-15, 3-23-9-15, 5-23-9-15, 7-23-9-15, 1-24-9-15, 3-24-9-15, 5-24-9-15, and 7-24-9-15.

Dear Diana:

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

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
AUG 19 2003  
DIV. OF OIL, GAS & MINING

001

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
U-68548

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

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

8. Lease Name and Well No.  
Ashley Federal 3-23-9-15

9. API Well No.  
43-013-32479

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NE/NW Sec. 23, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Inland Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NE/NW 660' FNL 1980' FWL 4430276 Y 40.02183  
At proposed prod. zone 568173X -110.20112

14. Distance in miles and direction from nearest town or post office\*  
Approximately 15.9 miles southwest of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/lse & 7280' f/unit

16. No. of Acres in lease  
711.22

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. 2905'

19. Proposed Depth  
6500'

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6300' GR

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

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 8/18/03

Title Regulatory Specialist

Approved by Signature *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 08-20-03

Title ENVIRONMENTAL SCIENTIST III

**Federal Approval of this Action is Necessary**

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

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

\*(Instructions on reverse)

RECEIVED  
AUG 19 2003  
DIV. OF OIL, GAS & MINING



INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #3-23-9-15  
NE/NW SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6085'

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

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #3-23-9-15  
NE/NW SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #3-23-9-15 located in the NE 1/4 NW 1/4 Section 23, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles ± to it's junction with an existing road to the southwest; proceed southwesterly - 9.5 miles ± to it's junction with an existing road to the northwest; proceed northwesterly and then southwesterly - 2.9 miles ± to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road 185' ± to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey for this area is attached. The Archaeological Resource Survey will be forthcoming. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

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

Inland Production Company also requests a 60' ROW be granted for the Ashley Federal #3-23-9-15 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Please refer to the Monument Butte Field SOP.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Shadscale	<i>Atriplex Centerfolia</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	3 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: Route #3 Box 3630  
Myton, UT 84052

Telephone: (435) 646-3721

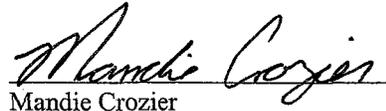
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #3-23-9-15 NE/NW Section 23, Township 9S, Range 15E: Lease U-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 Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/18/03

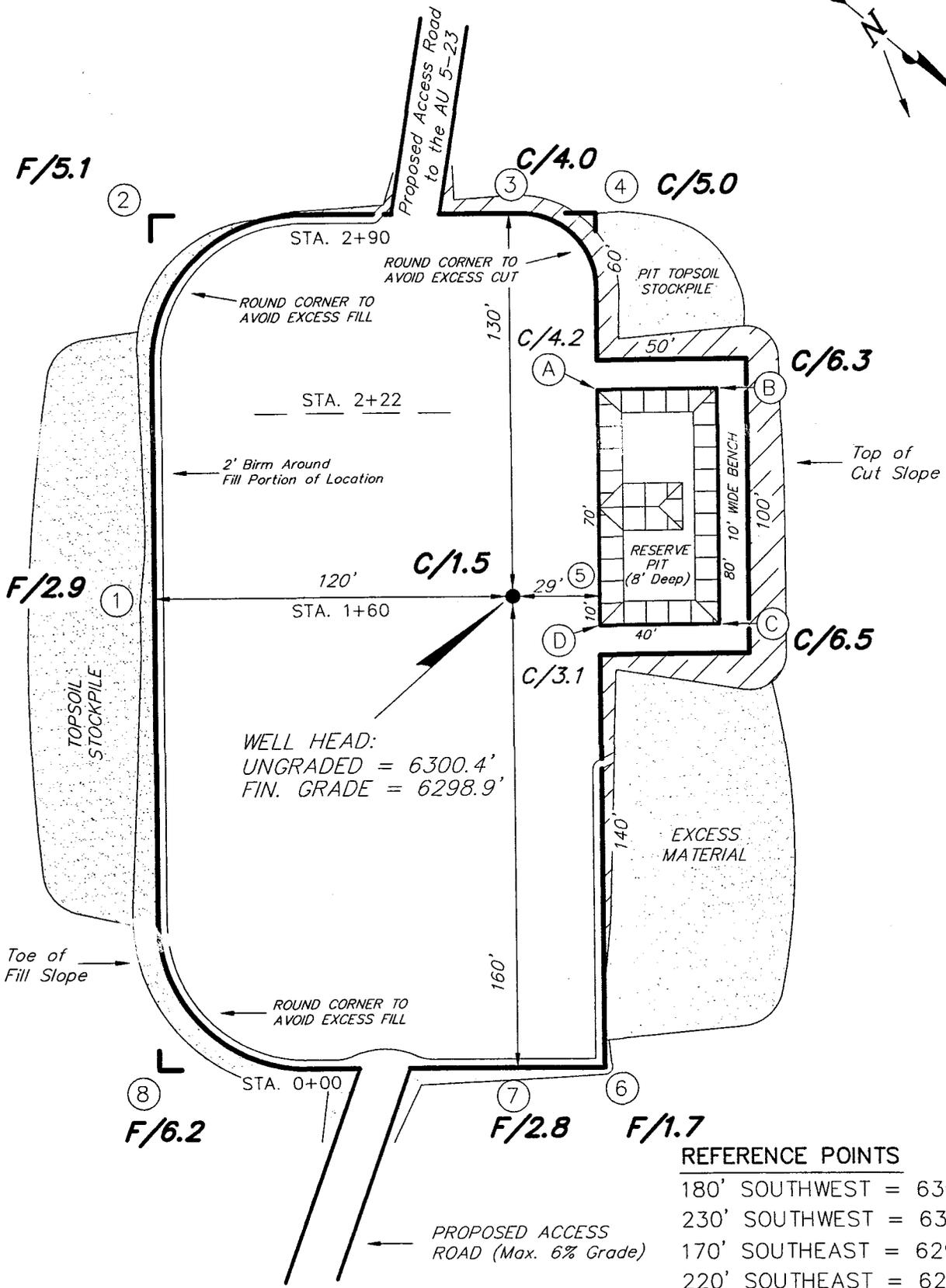
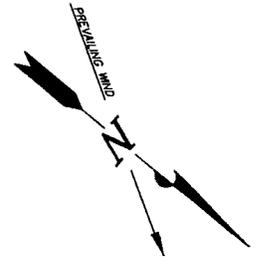
Date



Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

Ashley Unit 3-23  
 Section 23, T9S, R15E, S.L.B.&M.



**REFERENCE POINTS**

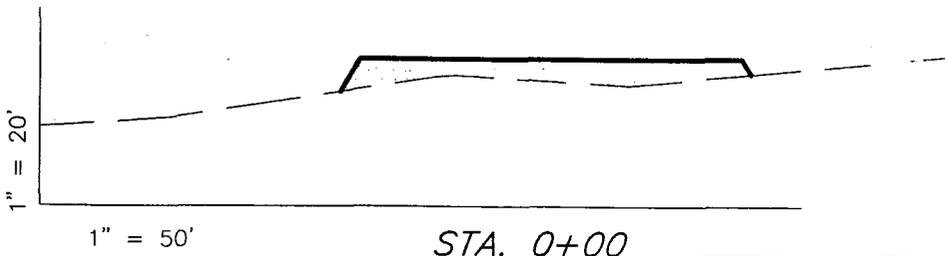
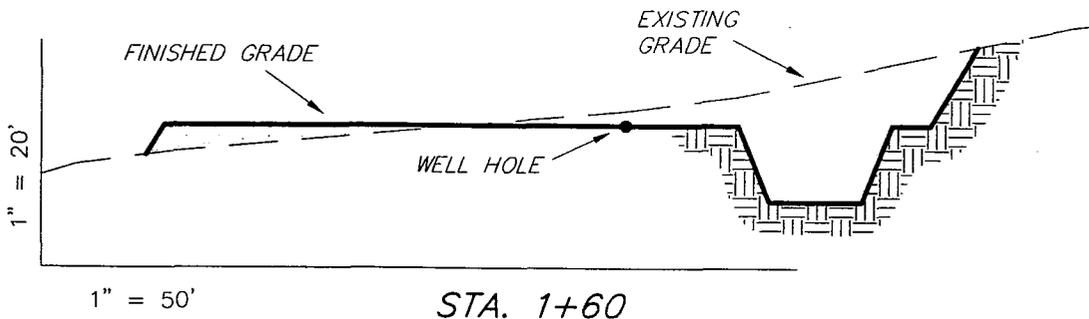
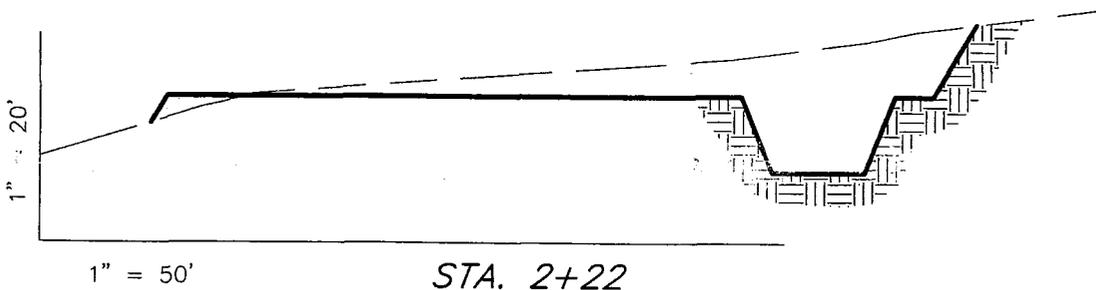
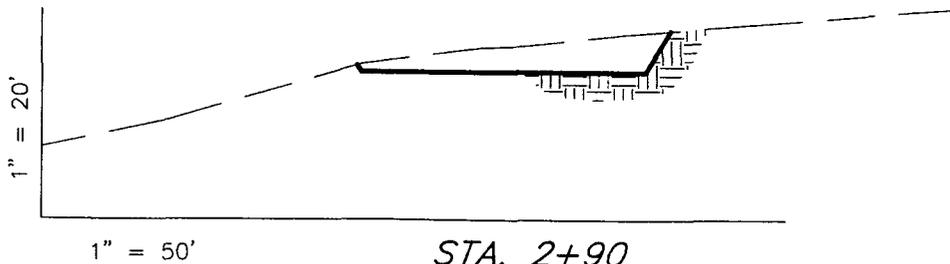
- 180' SOUTHWEST = 6302.1'
- 230' SOUTHWEST = 6305.8'
- 170' SOUTHEAST = 6291.9'
- 220' SOUTHEAST = 6287.5'

SURVEYED BY: D.J.S.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: R.V.C.	DATE: 7-22-03	

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### Ashley Unit 3-23



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

#### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,160	2,160	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,800	2,160	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: R.V.C.

DATE: 7-22-03

**Tri State**  
Land Surveying, Inc.

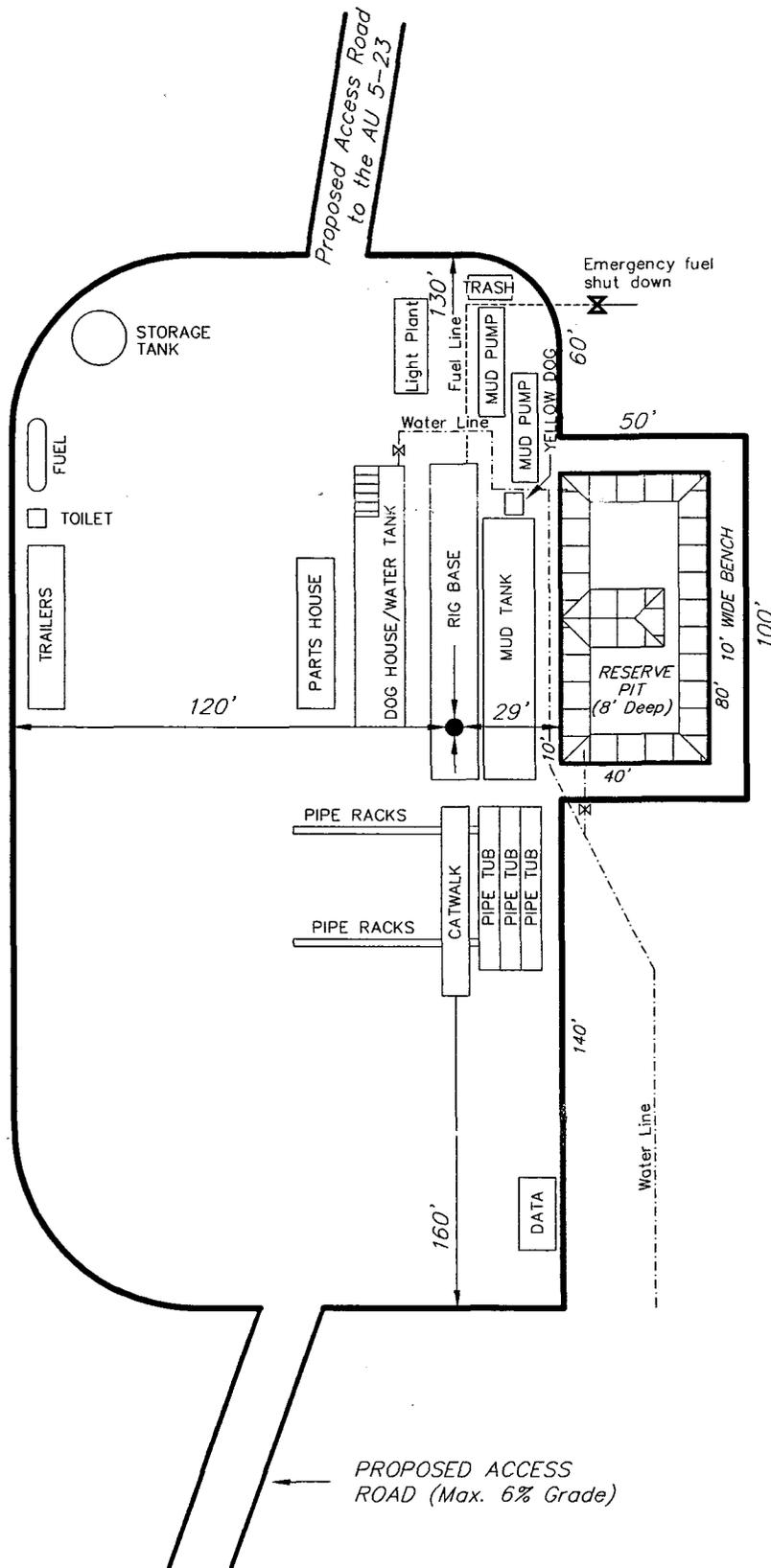
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

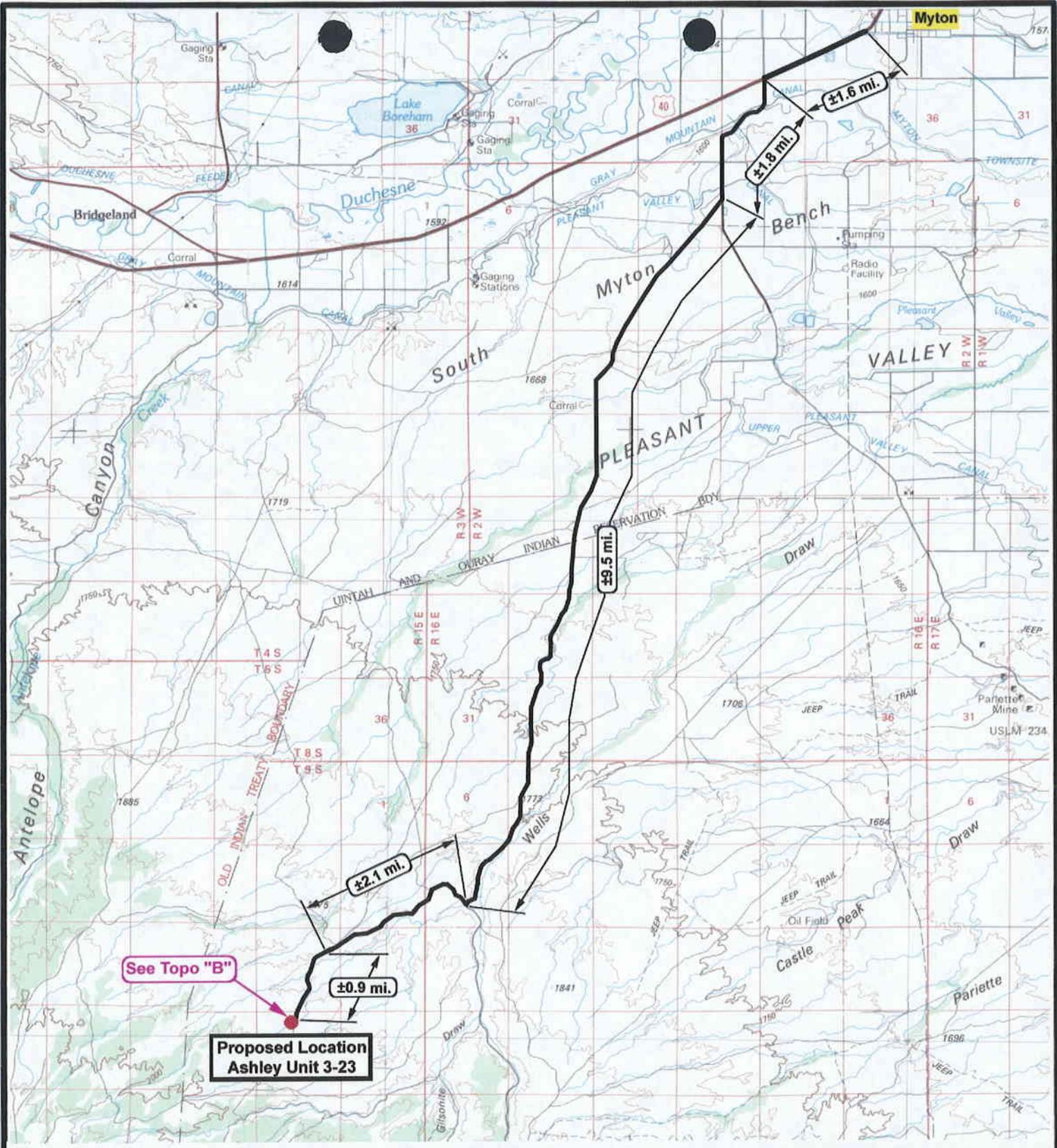
# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### Ashley Unit 3-23



SURVEYED BY: D.J.S.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: R.V.C.	DATE: 7-22-03		



See Topo "B"

**Proposed Location  
Ashley Unit 3-23**



**Ashley Unit 3-23  
SEC. 23, T9S, R15E, S.L.B.&M.**



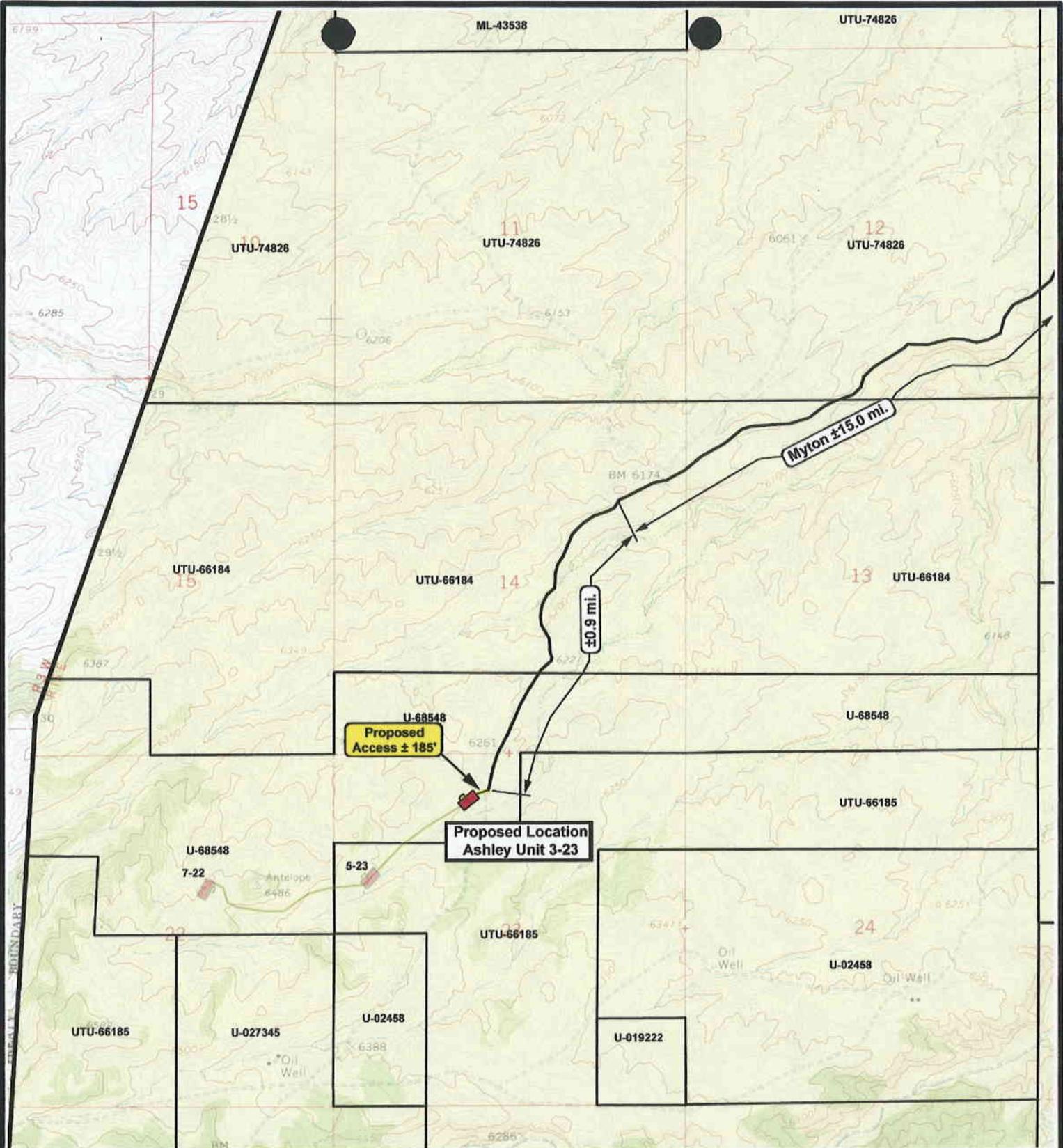
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: R.A.B.  
DATE: 08-04-2003

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**




  
**Ashley Unit 3-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**

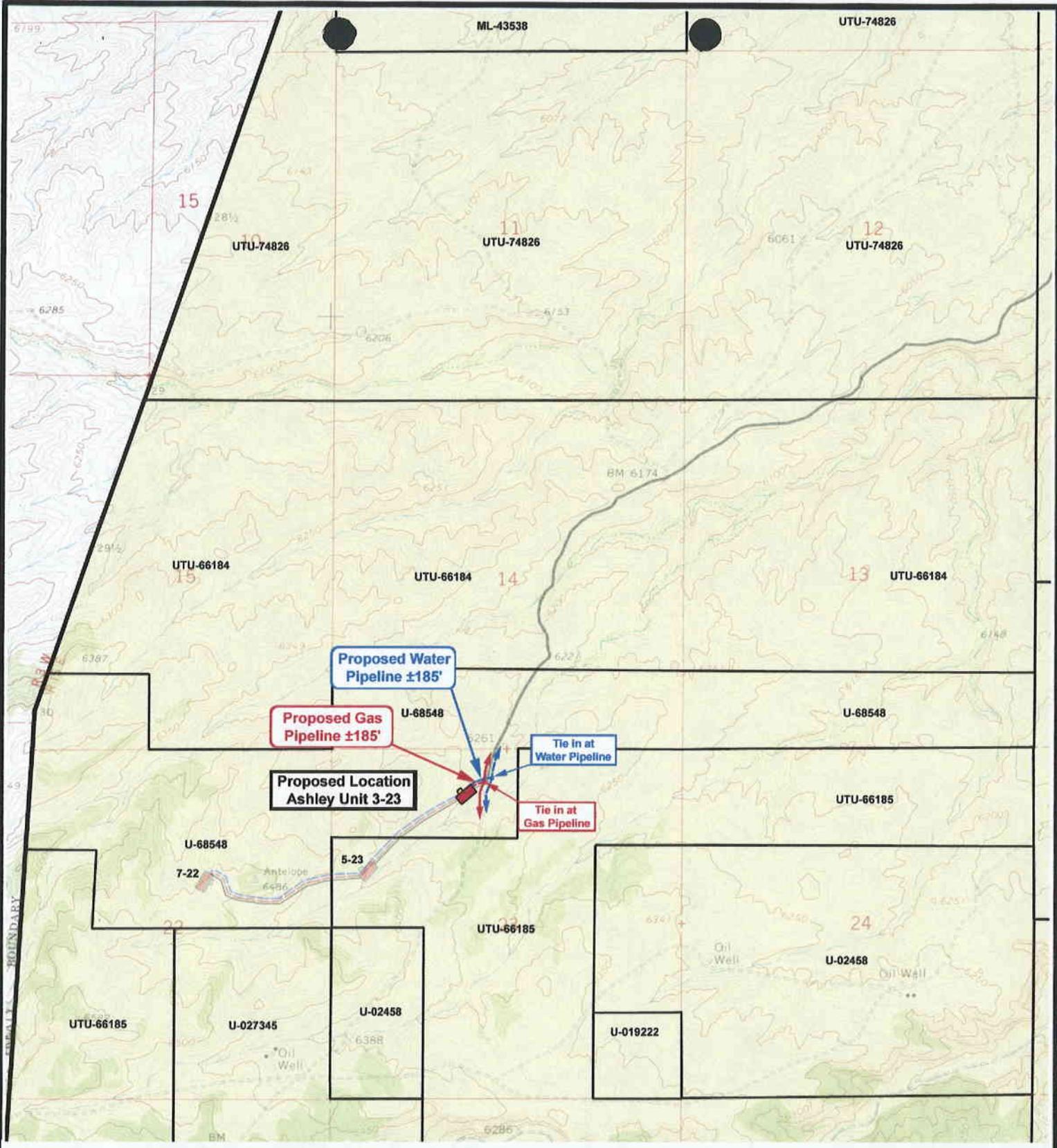


  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 08-04-2003

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**Ashley Unit 3-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



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

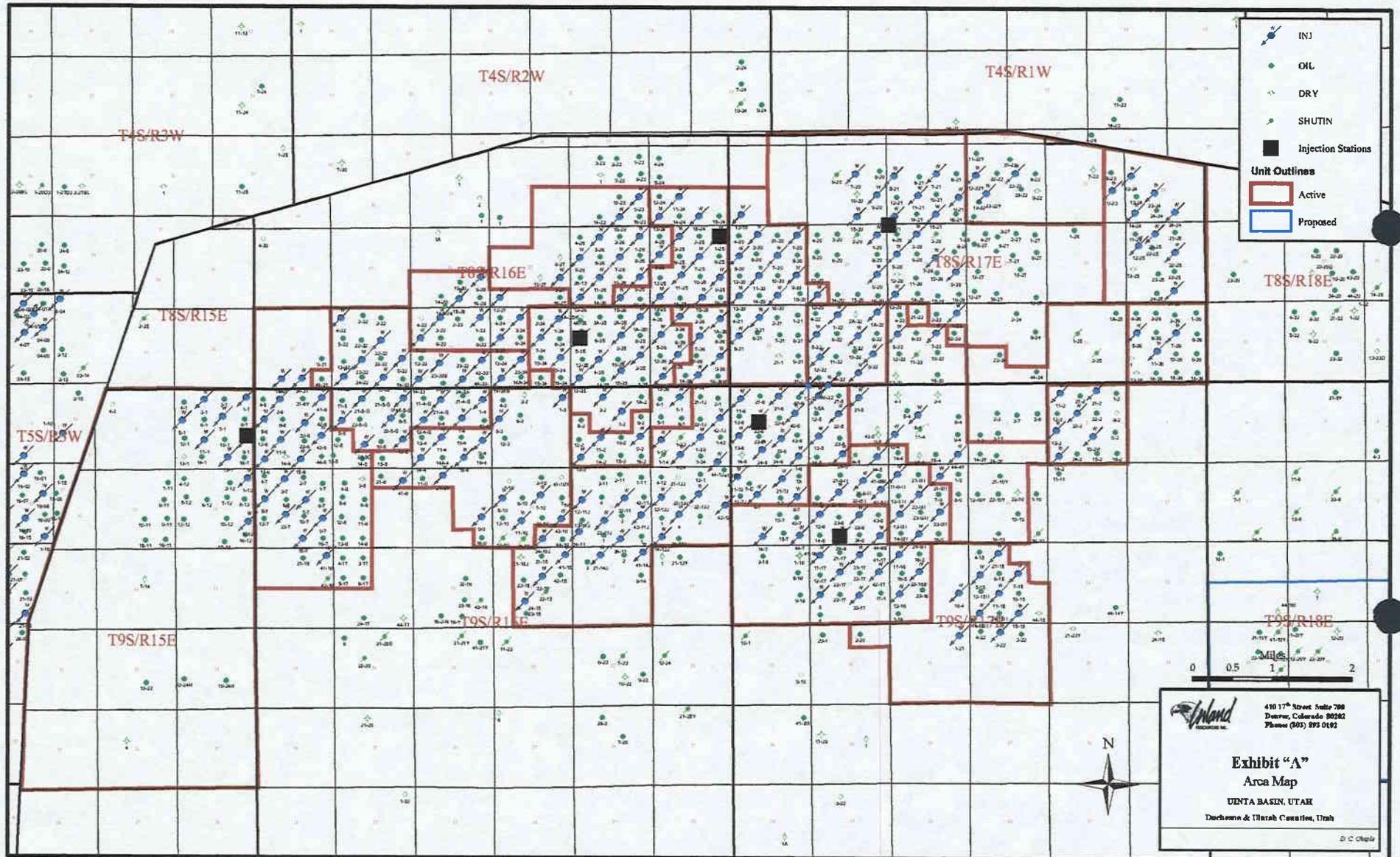
SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 08-04-2003

**Legend**

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water Line
- Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**



January 15, 2003



# 2-M SYSTEM

Blowout Prevention Equipment Systems

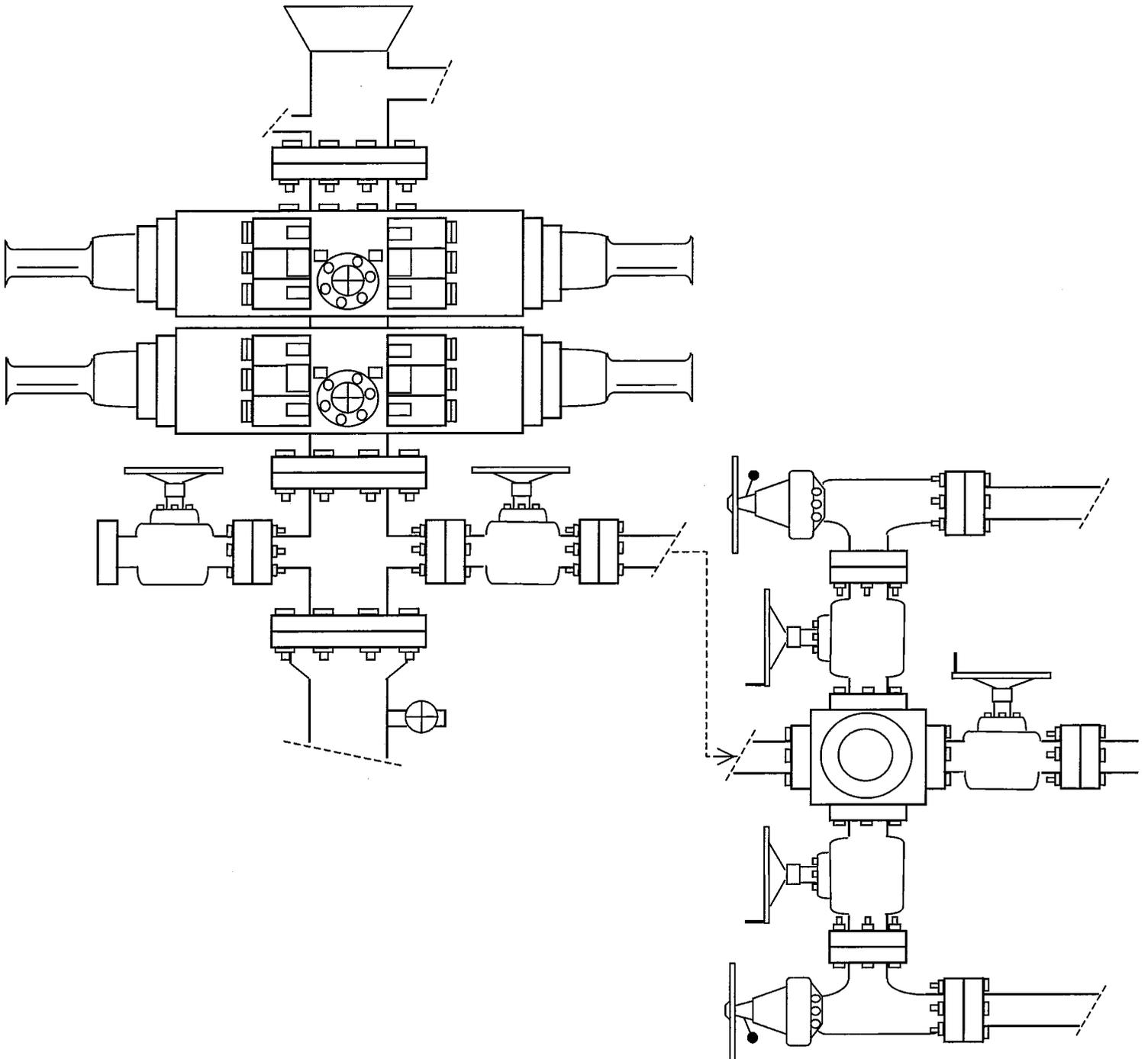


EXHIBIT C

Exhibit "D"

**INLAND RESOURCES, INC.**

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

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

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/19/2003

API NO. ASSIGNED: 43-013-32479

WELL NAME: ASHLEY FED 3-23-9-15  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
NENW 23 090S 150E  
SURFACE: 0660 FNL 1980 FWL  
BOTTOM: 0660 FNL 1980 FWL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-68548  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV

LATITUDE: 40.02183  
LONGITUDE: 110.20112

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit  
(No. MUNICIPAL )

RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )

Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit ASHLEY

\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

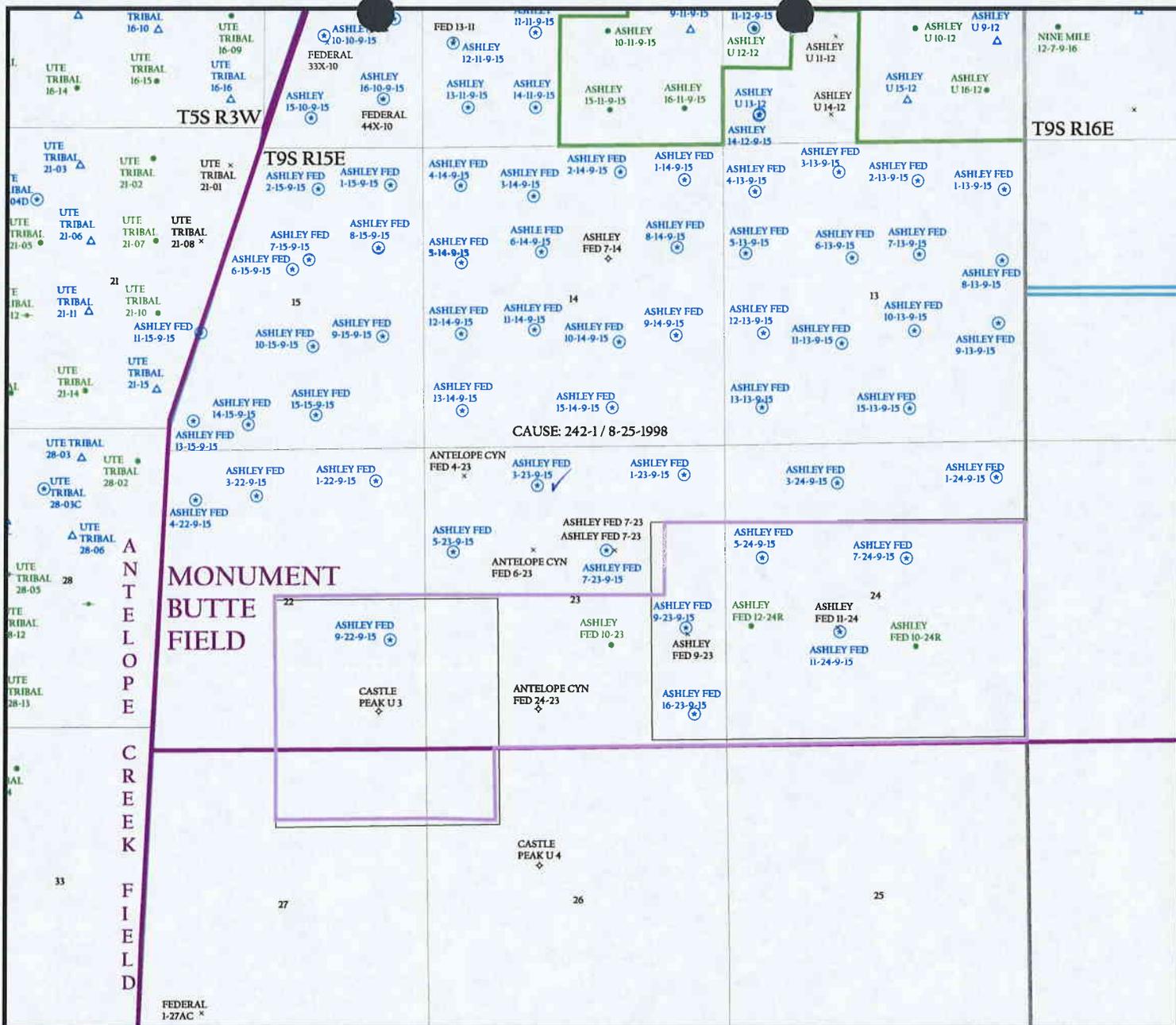
\_\_\_ R649-3-3. Exception

Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting

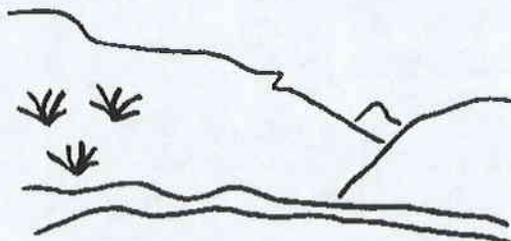
\_\_\_ R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1 Federal Approval



OPERATOR: INLAND PRODUCTION CO (N5160)  
 SEC. 23 T.9S, R.15E  
 FIELD: MONUMENT BUTTE (105)  
 COUNTY: DUCHESNE  
 CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

- Wells**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL

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

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED



PREPARED BY: DIANA MASON  
 DATE: 10-AUGUST-2003



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

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

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

August 20, 2003

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

Re: Ashley Federal 3-23-9-15 Well, 660' FNL, 1980' FWL, NE NW, Sec. 23, T. 9 South,  
R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32479.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is stylized and cursive.

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** Ashley Federal 3-23-9-15  
**API Number:** 43-013-32479  
**Lease:** U-68548

**Location:** NE NW                      **Sec.** 23                      **T.** 9 South                      **R.** 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

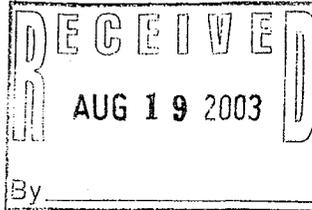
Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

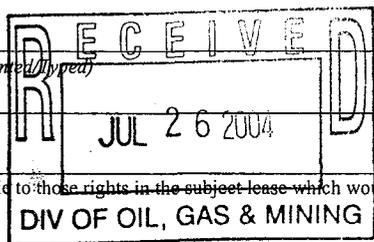
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-68548
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Inland Production Company		7. If Unit or CA Agreement, Name and No. Ashley UTU73520A
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 3-23-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NW 660' FNL 1980' FWL At proposed prod. zone		9. API Well No. 43-013-32479
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 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. 660' f/ise & 7260' f/unit	16. No. of Acres in lease 711.22	11. Sec., T., R., M., or Blk. and Survey or Area NE/NW Sec. 23, T9S R15E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2905'	19. Proposed Depth 6500'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6300' GR	22. Approximate date work will start* 4th Quarter 2003	13. State UT
23. Estimated duration Approximately seven (7) days from spud to rig release.		17. Spacing Unit dedicated to this well 40 Acres
20. BLM/BIA Bond No. on file #4488944		24. Attachments

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

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

25. Signature: *Mandie Crozier* Name (Printed/Typed): Mandie Crozier Date: 8/18/03  
 Title: Regulatory Specialist

Approved by (Signature): *Bruce A. Cleavage* Name (Printed/Typed): Office: Date: 07/16/2004  
 Title: Assistant F... Mineral Resources



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

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)

WD GM  
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

04JMD829A

No. 105

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: ASHLEY FEDERAL 3-23-9-15  
API Number: 43-013-32479  
Lease Number: UTU - 68548  
Location: NENW Sec. 23 TWN: 09S RNG: 15E  
Agreement: N/A

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at  $\pm 1,495$  ft.

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

Company/Operator: Inland Production Company.

API Number: 43-013-32479

Well Name & Number: Ashley Federal 3-23-9-15

Lease Number: U-66548

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

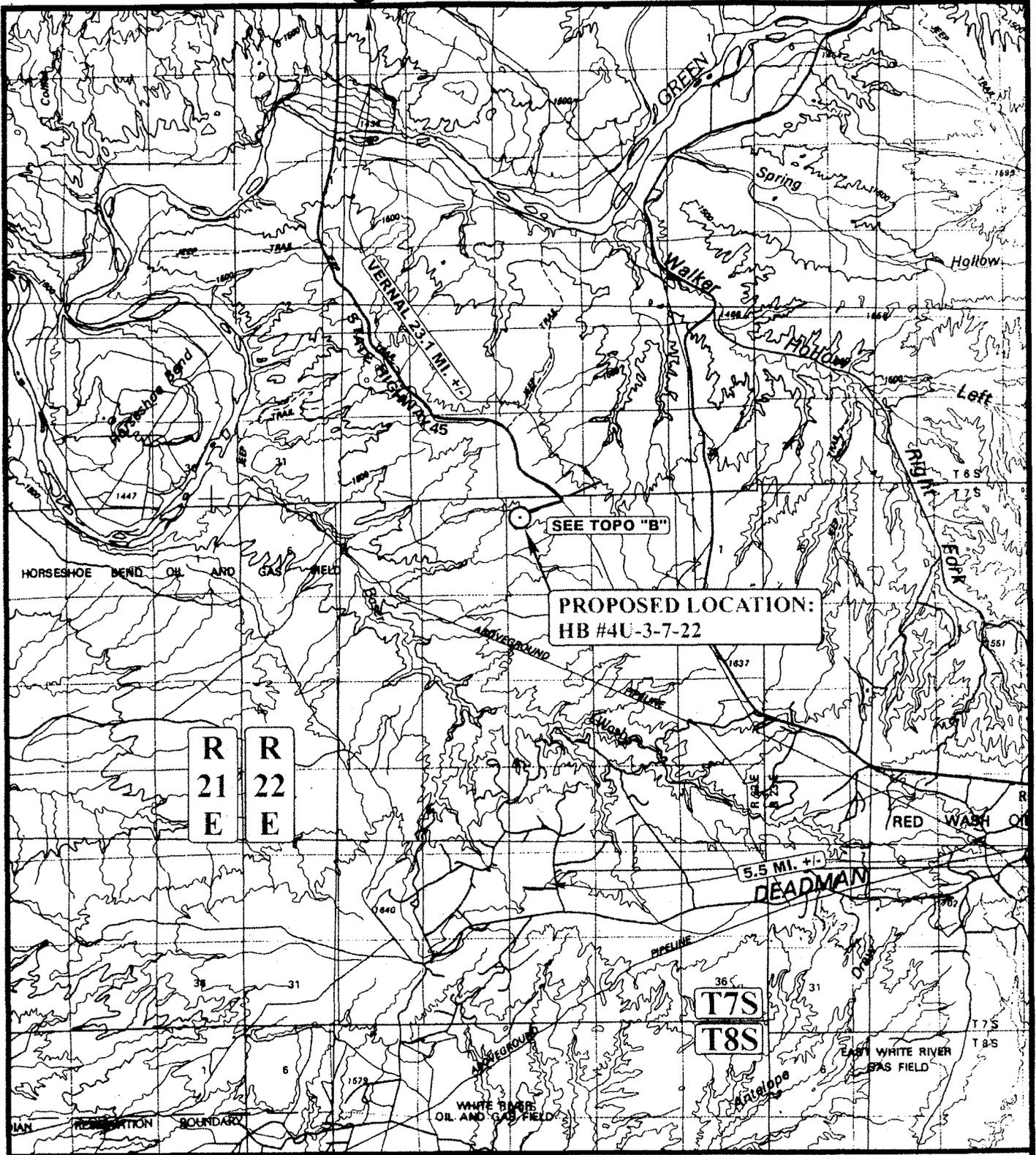
Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 8-19-03

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

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



**LEGEND:**

○ PROPOSED LOCATION

**QUESTAR EXPLR. & PROD.**

HB #4U-3-7-22  
 SECTION 3, T7S, R22E, S.L.B.&M.  
 1191' FNL 795' FWL

**U&L S** Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP 07 13 04  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: J.D.G. REVISED: 00-00-00



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

006

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
**U-68548**

6. If Indian, Allottee or Tribe Name  
**NA**

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

8. Well Name and No.  
**ASHLEY FEDERAL 3-23-9-15**

9. API Well No.  
**43-013-32479**

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

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**660 FNL 1980 FWL NE/NW Section 23, T9S R15E**

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

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/20/03 (expiration 8/20/04).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-23-04  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 8-26-04  
Initials: MC

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

Signed Mandie Crozier Title Regulatory Specialist Date 8/16/04  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED  
Date  
**AUG 17 2004**

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

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

**API:** 43-013-32479  
**Well Name:** Ashley Federal 3-23-9-15  
**Location:** NE/NW Section 23, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 8/20/2003

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

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

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

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

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

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

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

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

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

Mandie Craigie  
Signature

8/16/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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

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



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

007

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ASHLEY FED 3-23-9-15

Api No: 43-013-32479 Lease Type: FEDERAL

Section 23 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### SPUDED:

Date 12/06/2004

Time 12:30 PM

How DRY

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

Reported by FLOYD MITCHELL

Telephone # 1-435-823-3610

Date 12/06/2004 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

008

**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 UNIT

8. Well Name and No.  
ASHLEY FEDERAL 3-23-9-15

9. API Well No.  
4301332479

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

RECEIVED

DEC 14 2004

DIV. OF OIL, GAS & MINING

**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)  
660 FNL 1980 FWL  
NE/NW Section 23 T9S R15E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment 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 12-06-04 MIRU NDSI NS # 1. Spud well @ 12:00 PM. Drill 335' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 333.36' KB On 12/10/04 cement with 160 sks class "G" cement W/2% CaCL2 + 1/4#/SK Cello Flake mixed @ 15.8 ppg 1.17 CF/SK yield Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 12/13/2004

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

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

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

(Instructions on reverse)

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

**RECEIVED**

**DEC 14 2004**

8 5/8 CASING SET AT 333.36

DIV. OF OIL, GAS & MINING

LAST CASING 8 5/8" SET AT 333.36'  
 DATUM 12. KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 335' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Fed 3-23-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		39.36 sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
8	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	321.51
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			323.36
TOTAL LENGTH OF STRING		323.36	8	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>333.36</b>
TOTAL		321.51	8	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		321.51	8				
TIMING		1ST STAGE					
BEGIN RUN CSG.	SPUD	12/06/04	12:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		12/7/2004	12:00 PM	Bbls CMT CIRC TO SURFACE			4
BEGIN CIRC		12/10/2004	10:09 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		12/10/2004	10:20 AM	DID BACK PRES. VALVE HOLD ?			N/A
BEGIN DSPL. CMT		12/10/2004	10:31 AM	BUMPED PLUG TO _____			455 PSI
PLUG DOWN		12/10/2004	10:45 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 Floyd Mitchell

DATE 12/13/2004

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

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

OPERATOR ACCT. NO. 115160 **N2695**

RECEIVED

DEC 15 2004

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	14451	43-013-32479	Ashley Federal 3-23-9-15	NE/NW	23	9S	15E	Duchesne	December 6, 2004	
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	14452	43-013-32480	Ashley Federal 5-23-9-15	SW/NW	23	9S	15E	Duchesne	December 8, 2004	
WELL 2 COMMENTS: <i>GRRU</i>											
A	99999	14453	43-013-32487	Ashley Federal 7-22-9-15	SW/NE	22	9S	15E	Duchesne	December 9, 2004	
WELL 3 COMMENTS: <i>GRRU</i>											
A	99999	14454	43-013-32481	Ashley Federal 7-23-9-15	SW/NE	23	9S	15E	Duchesne	December 11, 2004	
WELL 4 COMMENTS: <i>GRRU</i>											
A	99999	14455	43-013-32478	Ashley Federal 1-23-9-15	NE/NE	23	9S	15E	Duchesne	December 13, 2004	
WELL 5 COMMENTS: <i>GRRU</i>											

K  
K  
K  
K  
K  
K

INLAND

4356463031

12/15/2004 14:03

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

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

(5/99)

*Kebbie S. Jones*  
Signature  
Kebbie S. Jones  
Production Clerk  
December 15, 2004  
Date

**COPY**

010

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Newfield Production Company

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include are code)

435.646.3721

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

660 FNL 1980 FWL  
NE/NW Section 23 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 UNIT

8. Well Name and No.

ASHLEY FEDERAL 3-23-9-15

9. API Well No.

4301332479

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 12/15/04/04 MIRU Eagle 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 @ 285'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5985. 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, 133 jt's of 5.5 J-55, 15.5# csgn. Set @ 5975.08/ KB. Cement with 300sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 2 BBS cement returned to pit. Nipple down Bop's. Drop slips @ 70,000 #'s tension. Release rig 6:00 pm on 12/21/04.

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Floyd Mitchell

Title

Drilling Supervisor

Signature

*Floyd Mitchell*

Date

12/22/2004

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

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

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

Title

Date

Office

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

(Instructions on reverse)

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5975.08

LAST CASING 8 5/8" SET AT 322'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12  
 DATUM TO BRADENHEAD FLANGE  
 TD DRILLER 5985' Loggers TD 5973  
 HOLE SIZE 7 7/8"

Fit clr @ 5933.81  
 OPERATOR Inland Production Company  
 WELL Ashley 3-23-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Eagle Rig #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>45 @ 3986'</b>					
132	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	5933.81
		Float collar					0.6
1	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	42.02
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5977.08
TOTAL LENGTH OF STRING		5977.08	133	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		90.31	2	CASING SET DEPTH			<b>5975.08</b>
TOTAL		<b>6052.14</b>	135	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6052.14	135				
TIMING		1st STAGE	2nd STAGE	GOOD CIRC THRU JOB			YES
BEGIN RUN CSG.		12/21/2004	7:00 AM	Bbls CMT CIRC TO SURFACE			2
CSG. IN HOLE		12/21/2004	9:30 AM	RECIPROCATED PIPE IN/A			THRUSTROKE
BEGIN CIRC		12/21/2004	9:30 AM	DID BACK PRES. VALVE HOLD ?			YES
BEGIN PUMP CMT		12/21/2004	12:10 PM	BUMPED PLUG TO			2178 PSI
BEGIN DSPL. CMT		12/21/2004	1:15 PM				
PLUG DOWN		12/21/2004	1:42 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	285	Premite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	375	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 Alvin Nielsen DATE 12/22/2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.

011

**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)  
 660 FNL 1980 FWL  
 NE/NW Section 23 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 3-214-19

9. API Well No.  
 4301332479

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Duchesne, UT

**RECEIVED**  
**JAN 21 2005**

BUREAU OF OIL, GAS & MINING

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 1/6/05 – 1/18/05  
 Subject well had completion procedures initiated in the Green River formation on 1/6/05 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 w/ 20/40 mesh sand. Perf intervals were #1 (5854-5864') (4 JSPF); #2 (5622-5627'), (5588-5607') (All 4 JSPF); #3 (5201-5211') (4 JSPF); #4 (4638-4652') (4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 1/14/05. Bridge plugs were drilled out. Well was cleaned out to PBDT @ 5931'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5865'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 1/18/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
 Martha Warr

Signature: *Martha Warr*

Title  
 Office Manager

Date  
 1/20/2005

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

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

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

Office \_\_\_\_\_

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**013**

Change of Operator (Well Sold)

Designation of Agent/Operator

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No. Unit: ASHLEY**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ASHLEY ST 10-2-9-15	02	090S	150E	4301332574	12419	State	OW	P	K
ASHLEY ST 11-2-9-15	02	090S	150E	4301332575	12419	State	OW	P	K
ASHLEY ST 12-2-9-15	02	090S	150E	4301332576	12419	State	OW	P	K
ASHLEY ST 13-2-9-15	02	090S	150E	4301332577	12419	State	OW	P	K
ASHLEY ST 14-2-9-15	02	090S	150E	4301332578	12419	State	OW	P	K
ASHLEY ST 15-2-9-15	02	090S	150E	4301332579	12419	State	OW	P	K
ASHLEY ST 2-2-9-15	02	090S	150E	4301332580		State	OW	APD	K
ASHLEY ST 3-2-9-15	02	090S	150E	4301332581		State	OW	APD	K
ASHLEY ST 4-2-9-15	02	090S	150E	4301332582		State	OW	APD	K
ASHLEY ST 5-2-9-15	02	090S	150E	4301332583		State	OW	APD	K
ASHLEY ST 6-2-9-15	02	090S	150E	4301332584		State	OW	APD	K
ASHLEY FED 7-22-9-15	22	090S	150E	4301332487	14453	Federal	OW	DRL	K
ASHLEY FED 1-23-9-15	23	090S	150E	4301332478	14455	Federal	OW	DRL	K
ASHLEY FED 3-23-9-15	23	090S	150E	4301332479	14451	Federal	OW	DRL	K
ASHLEY FED 5-23-9-15	23	090S	150E	4301332480	14452	Federal	OW	DRL	K
ASHLEY FED 7-23-9-15	23	090S	150E	4301332481	14454	Federal	OW	DRL	K
ASHLEY FED 1-24-9-15	24	090S	150E	4301332482		Federal	OW	APD	K
ASHLEY FED 3-24-9-15	24	090S	150E	4301332483		Federal	OW	APD	K
ASHLEY FED 5-24-9-15	24	090S	150E	4301332484		Federal	OW	APD	K
ASHLEY FED 7-24-9-15	24	090S	150E	4301332485		Federal	OW	APD	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

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

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

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

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

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

012

RECEIVED

MAR 16 2005

DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
C	14362	12419	43-013-32468	Ashley Federal 13-14-9-15	SW/SW	14	9S	15E	Duchesne		
WELL 1 COMMENTS: Effective 1/1/2005 <i>GRRU changed 1/6/05 1/9 on prod</i>											
C	14363	12419	43-013-32477	Ashley Federal 1-22-9-15	NE/NE	22	9S	15E	Duchesne		
WELL 2 COMMENTS: Effective 1/1/2005 <i>GRRU changed 1/6/05 1/14 on prod</i>											
C	14451	12419	43-013- <sup>32479</sup> <del>34279</del>	Ashley Federal 3-23-9-15	NE/NW	23	9S	15E	Duchesne		3/17/05
WELL 3 COMMENTS: Effective 1/1/2005 <i>GRRU 1/18 on prod</i>											
C	14452	12419	43-013- <sup>32480</sup> <del>34280</del>	Ashley Federal 5-23-9-15	SW/NW	23	9S	15E	Duchesne		3/17/05
WELL 4 COMMENTS: Effective 1/1/2005 <i>GRRU 1/25 on prod</i>											
C	14453	12419	43-013-32487	Ashley Federal 7-22-9-15	SW/NE	22	9S	15E	Duchesne		3/17/05
WELL 5 COMMENTS: Effective 1/1/2005 <i>GRRU 1/28 on prod</i>											

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

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

*OK per Benna @ BLM  
3/15/05*

Signature Kebbie S. Jones

Production Clerk March 16, 2005

Title 435-646-3731

Date

K

K

K

K

K

PAGE 02

INLAND

4356463031

07:36

03/16/2005

(3/05)

014

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. UTU-68548

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA

1a. TYPE OF WORK OIL WELL [X] GAS WELL [ ] DRY [ ] Other [ ]

7. UNIT AGREEMENT NAME Ashley Unit

1b. TYPE OF WELL NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other [ ]

8. FARM OR LEASE NAME, WELL NO. Ashley 3-23-9-15

2. NAME OF OPERATOR Newfield Production Company

9. WELL NO. 43-013-32479

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 660' FNL & 1980' FWL (NE NW) Sec. 23, T9S, R15E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T9S, R15E

14. API NO. 43-013-32479 DATE ISSUED 8/20/2003

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 12/6/2004 16. DATE T.D. REACHED 12/21/2004 17. DATE COMPL. (Ready to prod.) 1/18/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6300' GL 6312' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & 5985' 21. PLUG BACK T.D., MD & TVD 5931' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* Green River 4638'-5864'

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

Table with 5 columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED. Rows include 8-5/8" - J-55 and 5-1/2" - J-55.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Rows include 2-7/8" and 5865'.

Table with 6 columns: INTERVAL, SIZE, SPF/NUMBER, DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Rows include (CP5) 5854'-5864' and (CP1) 5588-5607', 5622-27'.

33.\* PRODUCTION DATE FIRST PRODUCTION 1/18/05 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2 1/2" x 1 1/2" x 10' x 14.5' RHAC pump WELL STATUS (Producing/Abandoned) PRODUCING

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD.N. FOR TEST PERIOD, OIL--BBL., GAS--MCF., WATER--BBL., GAS-OIL RATIO. Row includes 10 day ave, 81, 141, 20, 1741.

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

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 Krishna Russell TITLE Production Clerk DATE

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley 3-23-9-15	Garden Gulch Mkr	3625'	
				Garden Gulch 1	3828'	
				Garden Gulch 2	3937'	
				Point 3 Mkr	4188'	
				X Mkr	4457'	
				Y-Mkr	4491'	
				Douglas Creek Mkr	4580'	
				BiCarbonate Mkr		
				B Limestone Mkr		
				Castle Peak	5512'	
				Basal Carbonate	5933'	
				Total Depth (LOGGERS)	5973'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

015

**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 3-23-9-15

9. API Well No.  
4301332479

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)  
660 FNL 1980 FWL  
NE/NW Section 23 T9S R15E

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

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

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

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

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

COPY SENT TO OPERATOR  
Date: 4-5-05  
Initials: CHD

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed) Mandie Crozier Title Regulatory Specialist

Signature *Mandie Crozier* Date 3/31/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

RECEIVED

APR 04 2005

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 26, 2005

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

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

Gentlemen:

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

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

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

RECEIVED

APR 28 2005

DIV. OF OIL, GAS & MINING

016

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

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

Sincerely,

/s/ Robert Henricks

Robert Henricks  
Acting Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TATHOMPSON:tt:4/26/05

**NEWFIELD**



November 11, 2005

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

RE: Permit Application for Water Injection Well  
Ashley Federal #3-23-9-15  
Monument Butte Field, Ashley Unit, Lease #UTU-68548  
Section 23 -Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #3-23-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley Unit

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 that reads "David Gerbig".

David Gerbig  
Operations Engineer

**RECEIVED**

**JAN 03 2006**

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

**NEWFIELD**



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #3-23-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**ASHLEY UNIT**  
**LEASE #UTU-68548**  
**NOVEMBER 11, 2005**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Ashley Federal #3-23-9-15  
Field or Unit name: Monument Butte (Green River), Ashley Unit Lease No. UTU-68548  
Well Location: QQ NE/NW section 23 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32479

Proposed injection interval: from 3937' to 5933'  
Proposed maximum injection: rate 500 bpd pressure 1638 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

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

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

Name: David Gerbig Signature *David Gerbig*  
Title: Operations Engineer Date 12-28-05  
Phone No. (303) 893-0102

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

Comments:

# Ashley Federal 3-23-9-15

Spud Date: 12/06/04  
 Put on Production: 1/18/2005  
 GL: 6300' KB: 6312'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (323.36')  
 DEPTH LANDED: 333.36' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cnt, est 4 bbls cnt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5977.08')  
 DEPTH LANDED: 5975.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 165'

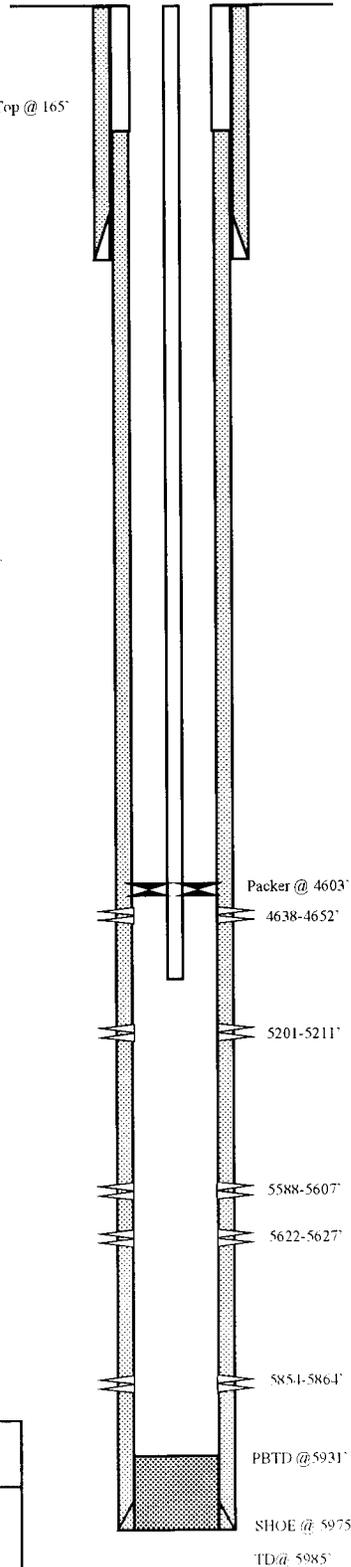
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5751.97')  
 TUBING ANCHOR: 5763.97' KB  
 NO. OF JOINTS: 1 jt (31.73')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5798.50' KB  
 NO. OF JOINTS: 2 jts (65.16')  
 TOTAL STRING LENGTH: EOT @ 5865.21' w/ 12' KB

### FRAC JOB

1/13/05	5854'-5864'	<b>Frac CP5 sands as follows:</b> 29,391# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5852 gal. Actual flush: 5851 gal.
1/13/05	5588'-5627'	<b>Frac CP1 sands as follows:</b> 79,648# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1659 psi w/avg rate of 24.9 BPM. ISIP 1650 psi. Calc flush: 5586 gal. Actual flush: 5586 gal.
1/13/05	5201'-5211'	<b>Frac LODC sands as follows:</b> 26,556# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5199 gal. Actual flush: 5200 gal.
1/14/05	4638'-4652'	<b>Frac D1 sands as follows:</b> 100,974# 20/40 sand in 704 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 4636 gal. Actual flush: 4652 gal.

Cement Top @ 165'



### PERFORATION RECORD

1/06/05	5854'-5864'	4 JSPF	40 holes
1/13/05	5622'-5627'	4 JSPF	20 holes
1/13/05	5588'-5607'	4 JSPF	76 holes
1/13/05	5201'-5211'	4 JSPF	40 holes
1/13/05	4638'-4652'	4 JSPF	56 holes

**NEWFIELD**

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**Ashley Federal 3-23-9-15**

660' ENL & 1980' FWL  
 NE NW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32479; Lease #UTU-68548

## **WORK PROCEDURE FOR INJECTION CONVERSION**

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

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

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

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
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 #3-23-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley Unit.
  
  - 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 #3-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3937' - 5933'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3937' and the Castle Peak top at 5512'.
  
  - 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #3-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District 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 State lease (Lease #UTU-68548) in the Monument Butte (Green River) Field, Ashley Unit, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 333' GL. and 5-1/2" 15.5# J-55 casing run from surface to 5975' 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 from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD. and the estimated maximum rate of injection will be 500 BPD.

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1638 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 #3-23-9-15, for existing perforations (4638' - 5864') calculates at 0.73 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 1638 psig. We may add additional perforations between 3937' and 5985'. See Attachments G and G-1.

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

In the Ashley Federal #3-23-9-15, the proposed injection zone (3937' - 5933') is in the Garden Gulch to Basal limestone members 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 Field. Outside the Monument Butte 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-9.

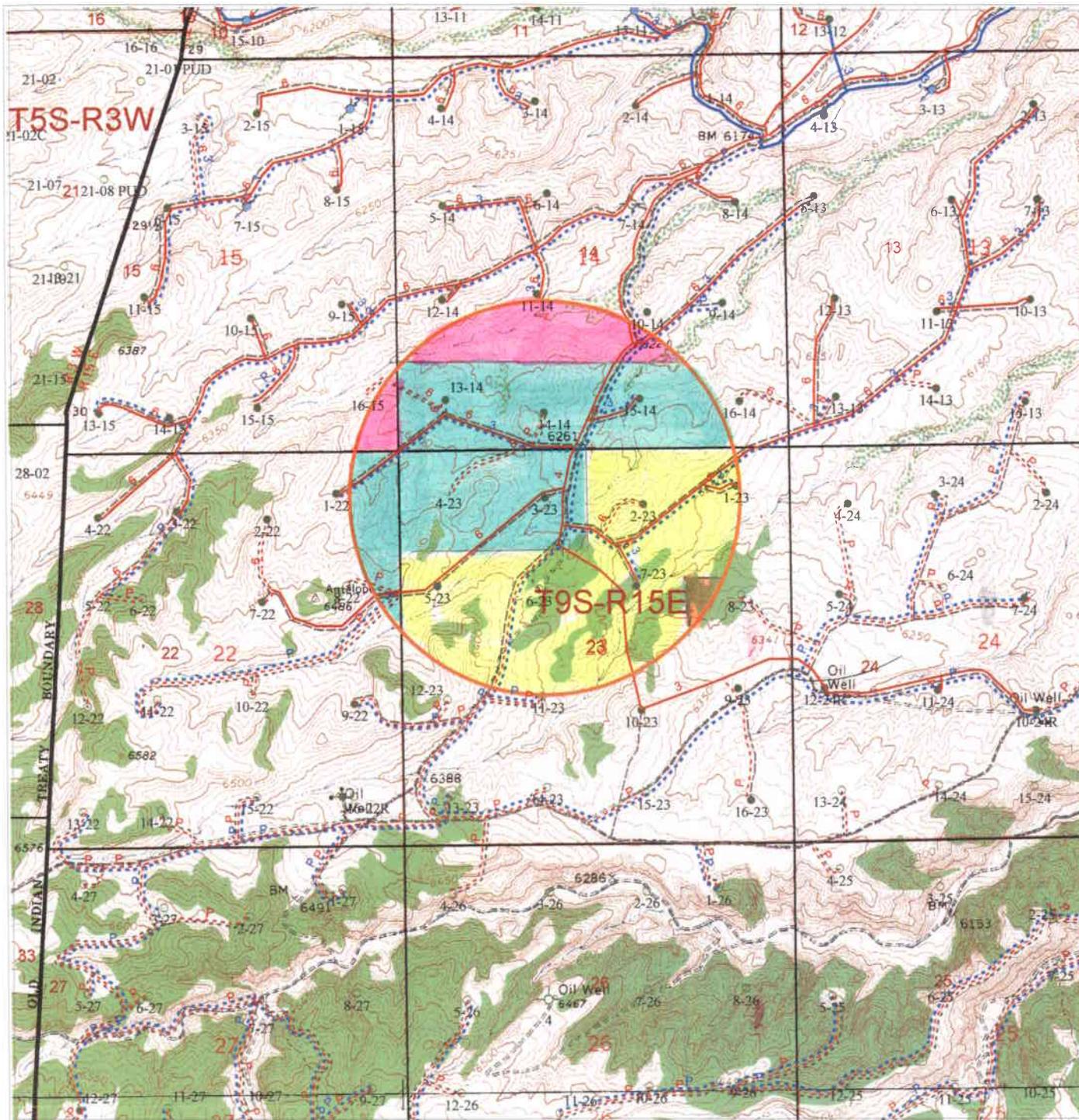
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**Well Status** *UTU-66185*

- Location
- Surface Spud *UTU-66184*
- ⊙ Drilling *UTU-68548*
- ⊙ Waiting on Completion
- Producing Oil Well
- ★ Producing Gas Well
- ⊙ GSI *UTU-02458*
- ⊙ Water Injection Well
- ⊙ SI-INJ
- ⊙ Dry Hole *UTU-02458*
- ⊙ Temporarily Abandoned
- ⊙ Plugged & Abandoned
- ⊙ Shut In

○ 1/2 mile radius of 3-23-9-15

— Countyline

**Injection system**

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

**Gas Pipelines**

- Gathering lines
- - - Proposed lines
- Mining tracts

Ashley 3-23-9-15  
 Section 23, T9S-R15E  
 Attachment A



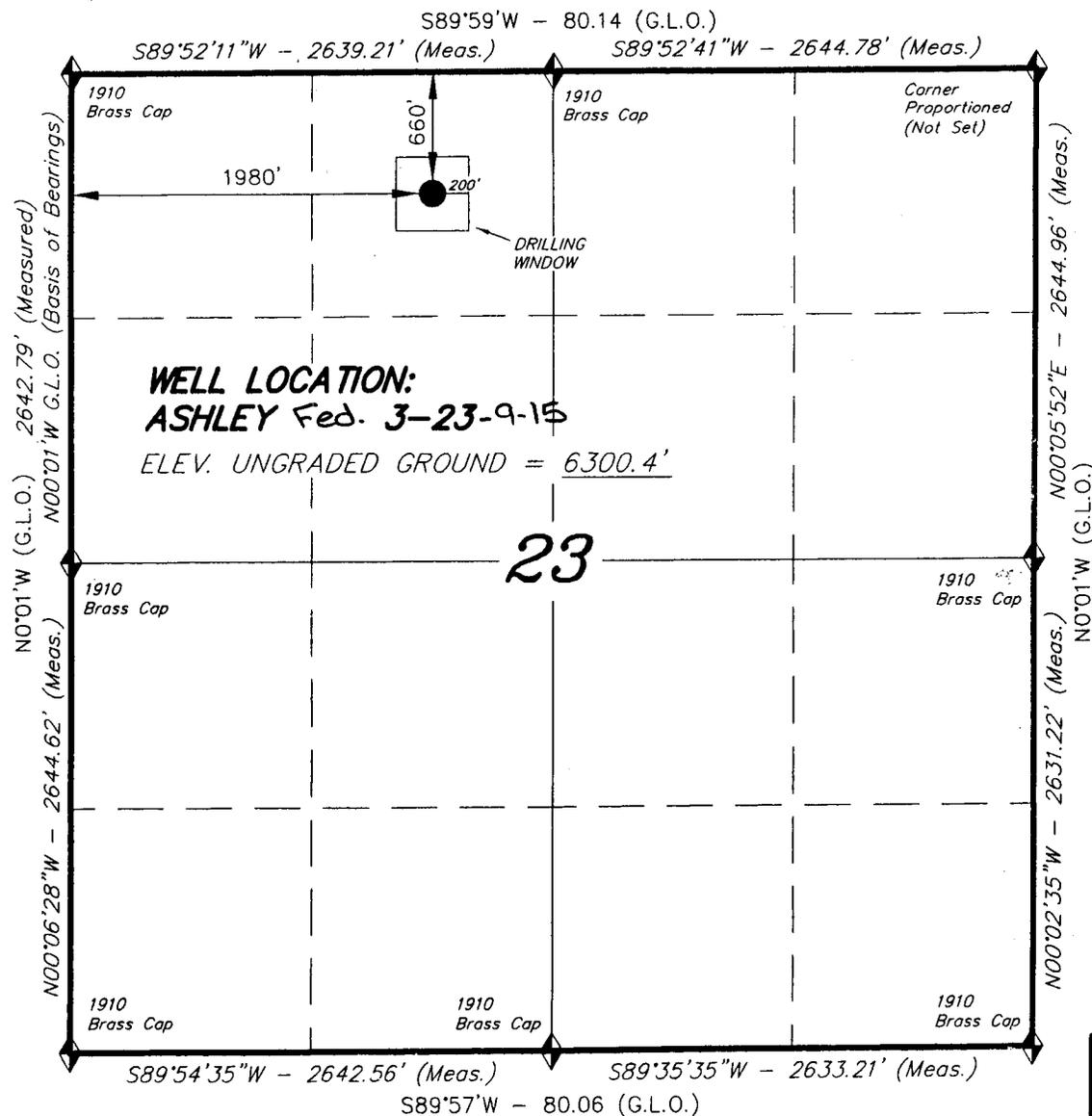
1/2 Mile Radius Map  
 Duchesne County

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

October 10, 2005

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

**INLAND PRODUCTION COMPANY**

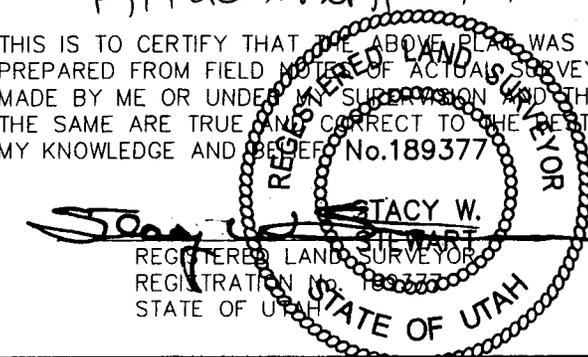


WELL LOCATION, ASHLEY Fed. 3-23-9-15  
 LOCATED AS SHOWN IN THE NE 1/4 NW  
 1/4 OF SECTION 23, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



Attachment A-1

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



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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-22-03	DRAWN BY: R.V.C.
NOTES:	FILE #

Attachment B  
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South Range 15 East</u> Section 13: N/2, N/2S/2 Section 14: N/2, N/2S/2 Section 15: Lots 1-3, E/2	UTU-66184 HBP	Newfield Production Company	USA
2	<u>Township 9 South, Range 15 East, SLM</u> Section 13: S/2S/2 Section 14: S/2S/2 Section 15: Lot 4 Section 22: Lot 1, NE/4, E/2NW/4 Section 23: N/2NW/4	UTU-68548 HBP	Newfield Production Company	USA
3	<u>Township 9 South, Range 15 East, SLM</u> Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	Township 9 South Range 15 East Section 23: SE/4NE/4, W/2SW/4, NE/4SE/4 Section 24: S/2N/2, S/2	UTU-02458 HBP	Newfield Production Company	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #3-23-9-15

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

Signed: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 28 day of December, 2005.

Notary Public in and for the State of Colorado: Laurie Deau

My Commission Expires: 05/05/2009

# Ashley Federal 3-23-9-15

Spud Date: 12/06/04  
 Put on Production: 1/18/2005  
 GL: 6300' KB: 6312'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (323.36')  
 DEPTH LANDED: 333.36' 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: 133 jts. (5977.08')  
 DEPTH LANDED: 5975.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 165'

**TUBING**

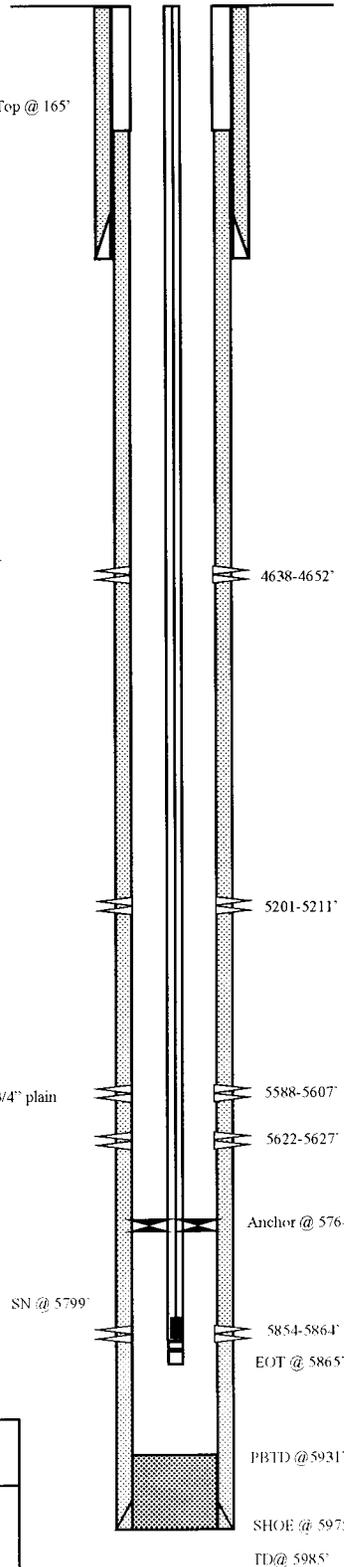
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5751.97')  
 TUBING ANCHOR: 5763.97' KB  
 NO. OF JOINTS: 1 jt (31.73')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5798.50' KB  
 NO. OF JOINTS: 2 jts (65.16')  
 TOTAL STRING LENGTH: EOT @ 5865.21' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" scraped rods; 115-3/4" plain rods; 100-3/4" scraped rods; 1-8", 1-6", 1-2" x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5" RHAC w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

1/13/05	5854'-5864'	<b>Frac CP5 sands as follows:</b> 29,391# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5852 gal. Actual flush: 5851 gal.
1/13/05	5588'-5627'	<b>Frac CP1 sands as follows:</b> 79,648# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1659 psi w/avg rate of 24.9 BPM. ISIP 1650 psi. Calc flush: 5586 gal. Actual flush: 5586 gal.
1/13/05	5201'-5211'	<b>Frac LODC sands as follows:</b> 26,556# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5199 gal. Actual flush: 5200 gal.
1/14/05	4638'-4652'	<b>Frac D1 sands as follows:</b> 100,974# 20/40 sand in 704 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 4636 gal. Actual flush: 4652 gal.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
1/06/05	5854'-5864'	4 JSFP	40 holes
1/13/05	5622'-5627'	4 JSFP	20 holes
1/13/05	5588'-5607'	4 JSFP	76 holes
1/13/05	5201'-5211'	4 JSFP	40 holes
1/13/05	4638'-4652'	4 JSFP	56 holes

**NEWFIELD**

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**Ashley Federal 3-23-9-15**

660' FNL & 1980' FWL  
 NE/NW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32479; Lease #UTU-68548

# Ashley Federal #11-14-9-15

Spud Date: 9/22/04  
 Put on Production: 11/16/04  
 GL: 6213' KB: 6225'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (296.04')  
 DEPTH LANDED: 306.04' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 1 bbls cmt to surf.

Cement Top @ 357'

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6006.7')  
 DEPTH LANDED: 6004.7' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 357'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 147 jts (4776.38')  
 TUBING ANCHOR: 4788.38' KB  
 NO. OF JOINTS: 3 jts (97.60')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4888.78' KB  
 NO. OF JOINTS: 2 jts (65.10')  
 TOTAL STRING LENGTH: EOT @ 4955.43' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-2' x 3/4" pony rods (used), 1-3/4" plain rod (used), 99-3/4" scraped rods (used), 79-3/4" plain rods (used), 10-3/4" scraped rods (used), 6-1 1/2" weight rods (used).  
 PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14" RHAC pump.  
 STROKE LENGTH: 84"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL

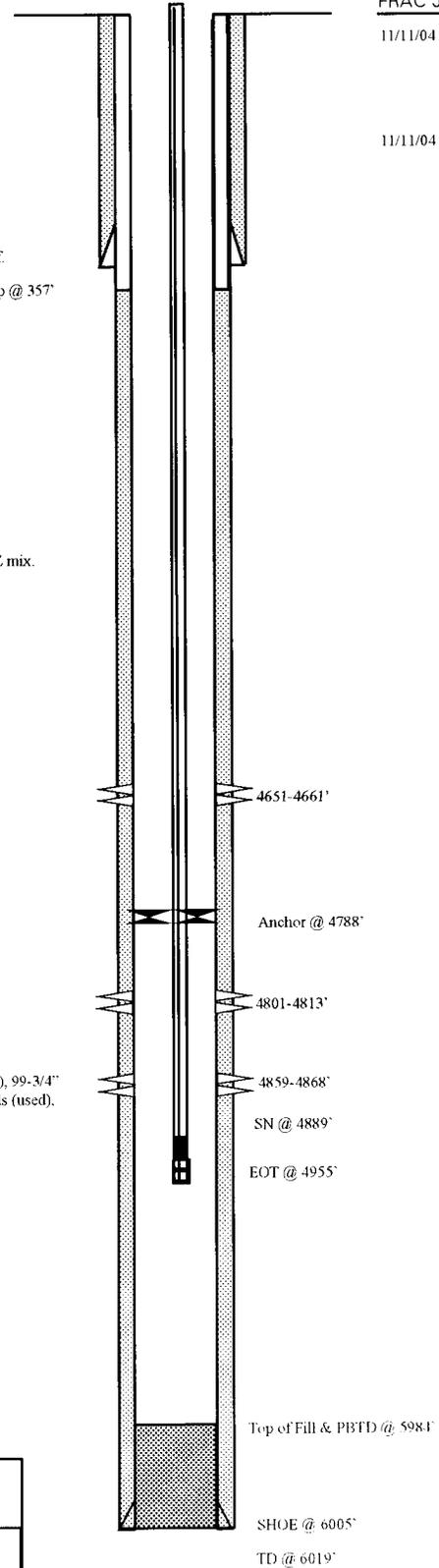
**FRAC JOB**

11/11/04 4801-4868' **Frac C & B.5 sands as follows:**  
 59,811# s 20/40 sand in 481 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1775 psi  
 w/avg rate of 25 BPM. ISIP 2150. Calc  
 flush 4799 gal. Actual flush: 4843 gal.

11/11/04 4651-4661' **Frac D1 sands as follows:**  
 24,145# 20/40 sand in 271 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1975 psi  
 w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc  
 flush: 4649 gal. Actual flush: 4565 gal.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
11/03/04	4859-4868'	4 JSPF	36 holes
11/03/04	4801-4813'	4 JSPF	48 holes
11/11/04	4651-4661'	4 JSPF	40 holes



**NEWFIELD**

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**Ashley Federal 11-14-9-15**  
 2076' FSL & 1921' FWL  
 NE SW Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32467; Lease #UTU-66184

# Ashley Federal 13-14-9-15

Spud Date: 10/25/04  
Put on Production: 1/9/05

GL: 6271' KB: 6283'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (314.35')  
DEPTH LANDED: 314.35' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt. est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 143 jts. (6019.16')  
DEPTH LANDED: 6017.16' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 100'

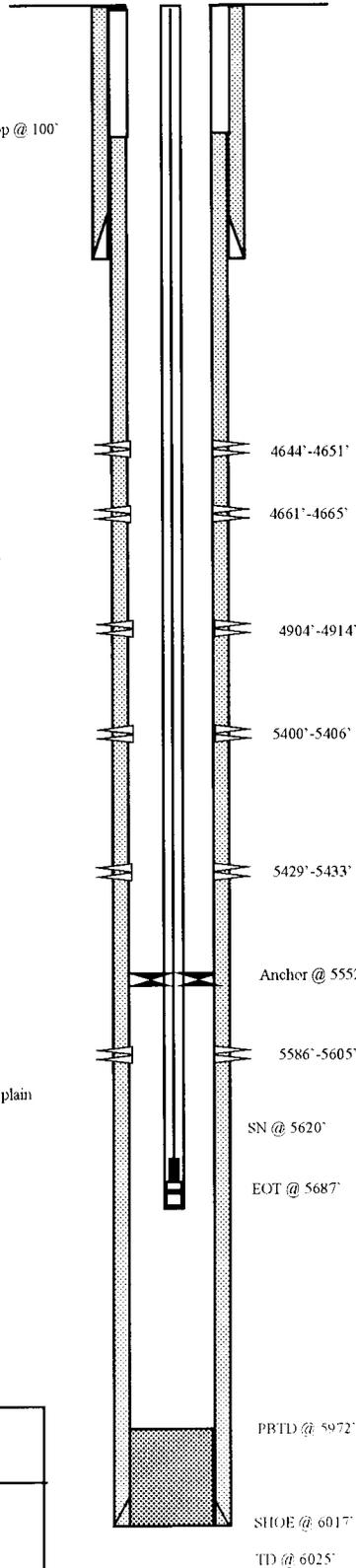
**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5540.04')  
TUBING ANCHOR: 5552.04' KB  
NO. OF JOINTS: 2 jts (65.21')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5620.05' KB  
NO. OF JOINTS: 2 jts (65.28)  
TOTAL STRING LENGTH: EOT @ 5686.88' W/12' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 108-3/4" plain rods, 100-3/4" scraped rods, 1-4', 1-2' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC pump w/ SM Plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM  
LOGS: DIGL/SP/GR/CAL

**Wellbore Diagram**



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

12/30/04 5586'-5605' **Frac CP2 sands as follows:**  
39,989# 20/40 sand in 432 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1552 psi  
w/avg rate of 24.5 BPM. ISIP 1720 psi. Calc  
flush: 5584 gal. Actual flush: 5628 gal.

12/30/04 5400'-5433' **Frac CP1 sands as follows:**  
25,225# 20/40 sand in 306 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2509 psi  
w/avg rate of 24.3 BPM. ISIP 3080 psi. Calc  
flush: 5398 gal. Actual flush: 5418 gal.

12/30/04 4904'-4914' **Frac B2 sands as follows:**  
34,459# 20/40 sand in 342 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2021 psi  
w/avg rate of 24.5 BPM. ISIP 2170 psi. Calc  
flush: 4902 gal. Actual flush: 4914 gal.

12/30/04 4644'-4665' **Frac D1 sands as follows:**  
35,341# 20/40 sand in 344 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1837 psi  
w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc  
flush: 4642 gal. Actual flush: 4578 gal.

**PERFORATION RECORD**

12/22/04	5586'-5605'	4 JSPF	76 holes
12/30/04	5429'-5433'	4 JSPF	16 holes
12/30/04	5400'-5406'	4 JSPF	24 holes
12/30/04	4904'-4914'	4 JSPF	40 holes
12/30/04	4661'-4665'	4 JSPF	16 holes
12/30/04	4644'-4651'	4 JSPF	28 holes

**NEWFIELD**

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**Ashley Federal 13-14-9-15**  
 664 FSL & 659 FWL  
 SW/SW Sec. 15, T9S R15E  
 Duchesne, County  
 API# 43-013-32468; Lease# UTU68548

# Ashley Federal 14-14-9-15

Spud Date: 9/2/05  
 Put on Production: 10/3/05  
 GL: 6290' KB: 6302'

Initial Production: 18 BOPD,  
 118 MCFD, 19 BWPID

Wellbore Diagram

**SURFACE CASING**

C/S/G SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (302.97')  
 DEPTH LANDED: 312.97' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cement, est 3 bbls cement to surf

**PRODUCTION CASING**

C/S/G SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (6024.43')  
 DEPTH LANDED: 6022.43' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 130'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55  
 NO. OF JOINTS: 172 jts (5574.15')  
 TUBING ANCHOR: 5586.15' KB  
 NO. OF JOINTS: 1 jts (32.48')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5621.43' KB  
 NO. OF JOINTS: 2 jts (64.99')  
 TOTAL STRING LENGTH: EOT @ 5687.97' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-2", 1-6", x 3/4" ponies, 100- 3/4" scraped rods, 108- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 1-1/4" RHAC SM plunger  
 STROKE LENGTH: 101"  
 PUMP SPEED: 5 SPM

**FRAC JOB**

9/29/05 5596-5616' **Frac CP1 sand as follows:**  
 90.716# 's 20/40 sand in 685 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1395 psi  
 w/avg rate of 24.9 BPM. ISIP 1680 Calc  
 Flush: 559.4 gal. Actual Flush 5586 gal.

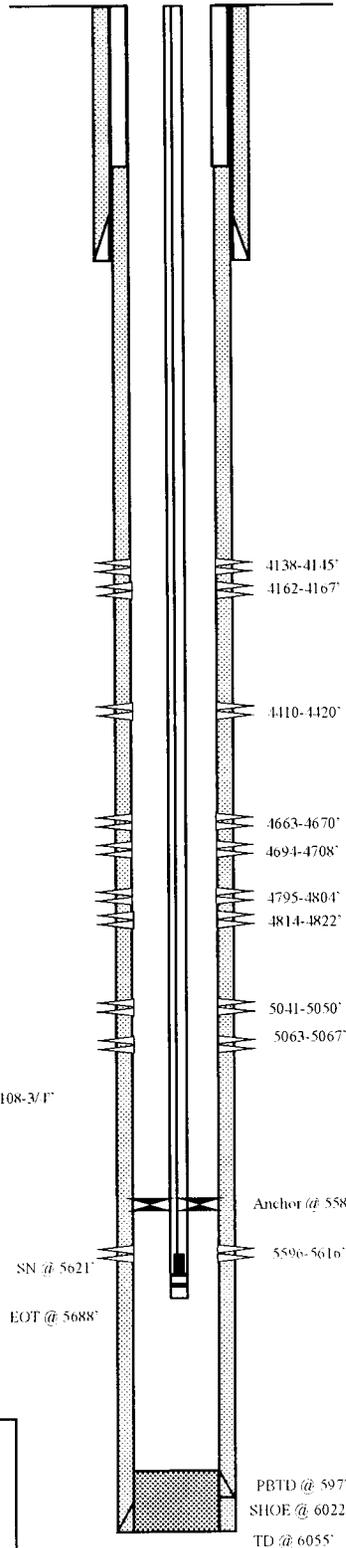
9/29/05 5041-5067' **Frac A1&3 sand as follows:**  
 49,86.4# 's 20/40 sand in 425 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2422 psi  
 w/avg rate of 24.7 BPM. ISIP 2800 Calc  
 flush: 5039 gal. Actual flush: 5040 gal.

9/29/05 4795-4822' **Frac C sand as follows:**  
 80.142# 's 20/40 sand in 596 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1839 psi  
 w/avg rate of 24.8 BPM. ISIP 21.40 psi. Calc  
 flush: 4793 gal. Actual flush: 4830 gal.

9/29/05 4663-4708' **Frac D1&2 sand as follows:**  
 60,072# 's 20/40 sand in 472 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1814 psi  
 w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc  
 flush: 4661 gal. Actual flush: 4662 gal.

9/29/05 4410-4420' **Frac PB10 sand as follows:**  
 30,241# 's 20/40 sand in 300 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1998 psi  
 w/avg rate of 14.4 BPM. ISIP 2620 Calc  
 flush: 4408 gal. Actual flush: 4452 gal.

9/29/05 4138-4167' **Frac GB6 sand as follows:**  
 46,89.4# 's 20/40 sand in 377 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1690 psi  
 w/avg rate of 24.9 BPM. ISIP 2030 psi. Calc  
 flush: 4136 gal. Actual flush: 4032 gal.



**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
9/23/05	5596-5616'	4 JSPF	80 holes
9/29/05	5063-5067'	4 JSPF	16 holes
9/29/05	5041-5050'	4 JSPF	36 holes
9/29/05	4814-4822'	4 JSPF	32 holes
9/29/05	4795-4804'	4 JSPF	36 holes
9/29/05	4694-4708'	4 JSPF	56 holes
9/29/05	4663-4670'	4 JSPF	28 holes
9/29/05	4410-4420'	4 JSPF	40 holes
9/29/05	4162-4167'	4 JSPF	20 holes
9/29/05	4138-4145'	4 JSPF	28 holes



**Ashley Federal 14-14-9-15**  
 483' FSL & 1990' FWL  
 SE/SW Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32670; Lease #UTU-68548

# ASHLEY FEDERAL 15-14-9-15

Spud Date: 10/20/04  
Put on Production: 12/28/04  
GL: 6227' KB: 6239'

Initial Production: BOPD,  
MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.95')  
DEPTH LANDED: 303.95' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150sxs Class "G" mixed cmt, est 2 bbls cmt to surf.

**PRODUCTION CASING**

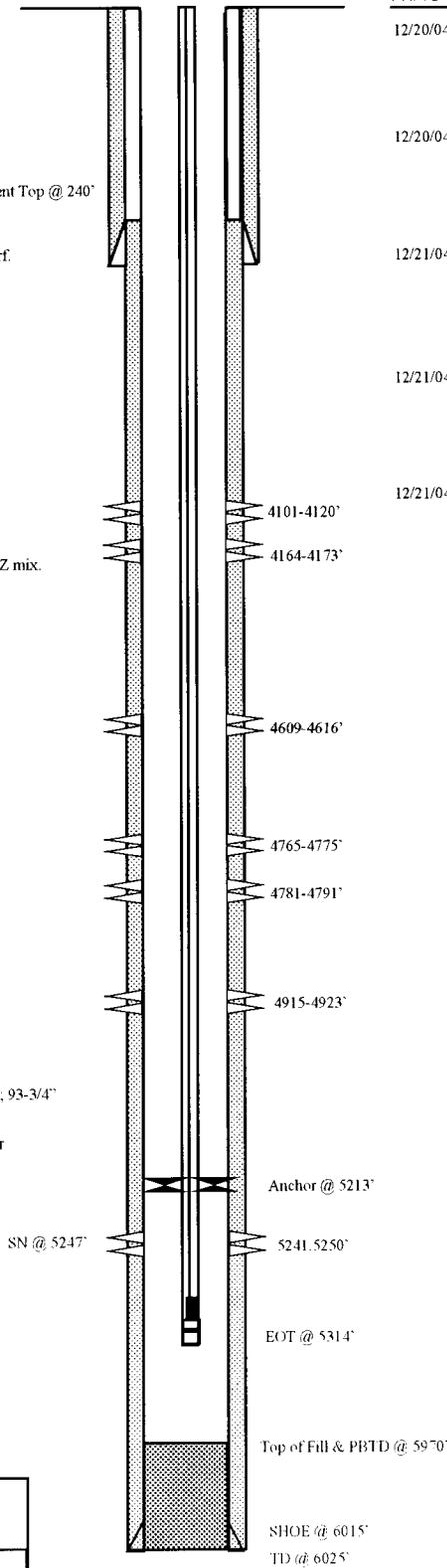
CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts. (6017.02')  
DEPTH LANDED: 6015.02' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
CEMENT TOP AT: 240'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 7#  
NO. OF JOINTS: 177 jts (5200.57')  
TUBING ANCHOR: 5212.57' KB  
NO. OF JOINTS: 1 jts (31.85')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5247.22' KB  
NO. OF JOINTS: 2 jts (65.15')  
TOTAL STRING LENGTH: EOT @ 5313.92' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 1-4', 1-8' x 3/4" pony rods, 100-3/4" scraped rods, 93-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' RHAC pump w/ SM Plunger  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 5.5 SPM  
LOGS: DIGL/SP/GR/CAL



**FRAC JOB**

12/20/04 5241-5250' **Frac LODC sands as follows:**  
15,424# 20/40 sand in 240 bbls Lightning Frac 17 fluid. Treated @ avg press of 2500 psi w/avg rate of 24.5 BPM. ISIP 2280. Calc flush: 5239 gal. Actual flush: 5208 gal.

12/20/04 4915-4923' **Frac B2 sands as follows:**  
19,181# 20/40 sand in 257 bbls Lightning Frac 17 fluid. Treated @ avg press of 2079 psi w/avg rate of 14.3 BPM. ISIP 3300 psi. Calc flush: 4913 gal. Actual flush: 4956 gal.

12/21/04 4765-4791' **Frac C sands as follows:**  
47,965# 20/40 sand in 494 bbls Lightning Frac 17 fluid. Treated @ avg press of 1750 psi w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc flush: 4763 gal. Actual flush: 4805 gal.

12/21/04 4609-4616' **Frac D1 sands as follows:**  
14,292# 20/40 sand in 213 bbls lightning Frac 17 fluid. Treated @ avg press of 2403 psi w/avg rate of 14.3 BPM. ISIP 2000 psi. Calc flush: 4607 gal. Actual flush: 4603 gal.

12/21/04 4101-4173' **Frac GB4 & 6 sands as follows:**  
121,791# 20/40 sand in 838 bbls lightning Frac 17 fluid. Treated @ avg press of 1769 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4099 gal. Actual flush: 4015 gal.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
12/17/04	5241-5250'	4 JSPF	36 holes
12/20/04	4915-4923'	4 JSPF	32 holes
12/21/04	4781-4791'	4 JSPF	40 holes
12/21/04	4765-4775'	4 JSPF	40 holes
12/21/04	4609-4616'	4 JSPF	28 holes
12/21/04	4164-4173'	4 JSPF	36 holes
12/21/04	4101-4120'	4 JSPF	76 holes

**NEWFIELD**

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**Ashley Federal 15-14-9-15**  
 664' FSL & 1984' FEL  
 SW/SE Section 14-T9S-R15E  
 Duchesne Co, Utah  
 API #43-473-013-32469; Lease #UTU-68548

# ASHLEY FEDERAL 1-23-9-15

Spud Date: 12/13/04  
 Put on Production: 02/08/2005  
 GL: 6233' KB: 6245'

Initial Production: 62BOPD,  
 134MCFD, 6BWPD

## Wellbore Diagram

### FRAC JOB

02/04/05 5031-5167'

**Frac A-3 sands/ LODC as follows:**  
 300,629# of 20/40 sand in 1936 bbls lightning  
 Frac 17 fluid. Treated @ avg psi of 2705 psi,  
 w/ avg rate of 40.7 bpm. ISIP 3260 psi. Calc  
 flush: 5029 gal. Actual flush: 4943 gal.

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.78')  
 DEPTH LANDED: 309.78'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class G with 2% CaCL.

### PRODUCTION CASING

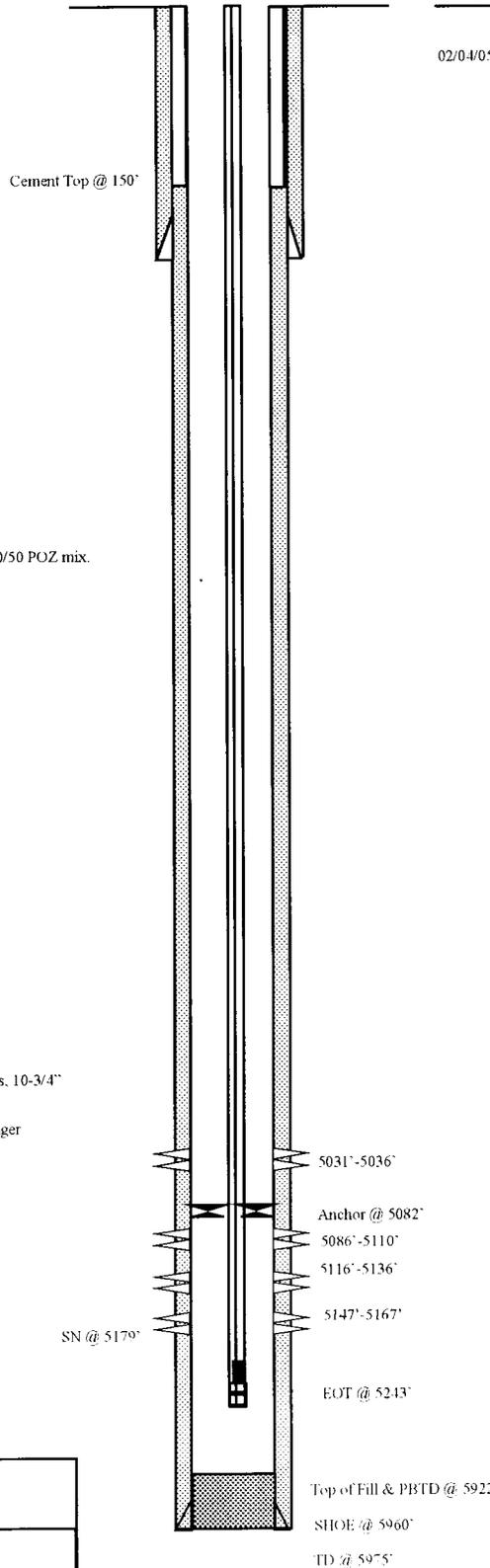
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5961.56')  
 DEPTH LANDED: 5959.56' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 353 sxs Prem. Lite II mixed & 460 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 150'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 162 jts (5070.41')  
 TUBING ANCHOR: 5082.41' KB  
 NO. OF JOINTS: 3 jts (93.91')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5179.12' KB  
 NO. OF JOINTS: 2 jts (62.29')  
 TOTAL STRING LENGTH: 5242.96' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 101-3/4" scraped rods, 90-3/4" plain rods, 10-3/4"  
 scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16" RHAC pump W/ SM Plunger  
 STROKE LENGTH: 85"  
 PUMP SPEED, SPM: 5.5 SPM  
 LOGS: Open hole, CBI.



### PERFORATION RECORD

01/27/05	5147'-5167'	1 JSPF	40 holes
01/27/05	5116'-5136'	1 JSPF	40 holes
01/27/05	5086'-5110'	4 JSPF	48 holes
01/27/05	5031'-5036'	4 JSPF	10 holes

**NEWFIELD**

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**ASHLEY FEDERAL 1-23-9-15**  
 516' FNL & 709' FEL.  
 NE NE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32478; Lease #UTU-66185

# Ashley Federal 2-23-9-15

Spud Date: 6-21-05  
 Put on Production: 8-24-05  
 GL: 6305' KB: 6317'

Initial Production: 46 BOPD,  
 32 MCFD, 92 BWPD

Wellbore Diagram

**SURFACE CASING**

C/S/G SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.28')  
 DEPTH LANDED: 312.13' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf

**PRODUCTION CASING**

C/S/G SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6100.64')  
 DEPTH LANDED: 6099.89' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 400'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 162 jts (5380.38')  
 TUBING ANCHOR: 5392.38' KB  
 NO. OF JOINTS: 2 jts (66.55')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5461.73' KB  
 NO. OF JOINTS: 2 jts (65.70')  
 TOTAL STRING LENGTH: EOT @ 5529.98' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-8", 1-6", 1-1/2" & 1-2" 3/4" ponies, 99- 3/4" serapered rods, 101-3/4" plain rods, 10-3/4" serapered rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 17" RTBC McGuyver plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED: 6 SPM

**FRAC JOB**

8-15-05 5424-5446' **Frac I ODC sand as follows:**  
 54896#s 20/40 sand in 453 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2845 psi  
 w/avg rate of 26.5 BPM. Screened out  
 w/345#s of sand.

8-16-05 5106-5310' **Frac I ODC sand as follows:**  
 240230#s 20/40 sand in 1566 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2358 psi  
 w/avg rate of 39.3 BPM. Calc flush: 5104 gal.  
 Actual flush: 5124 gal.

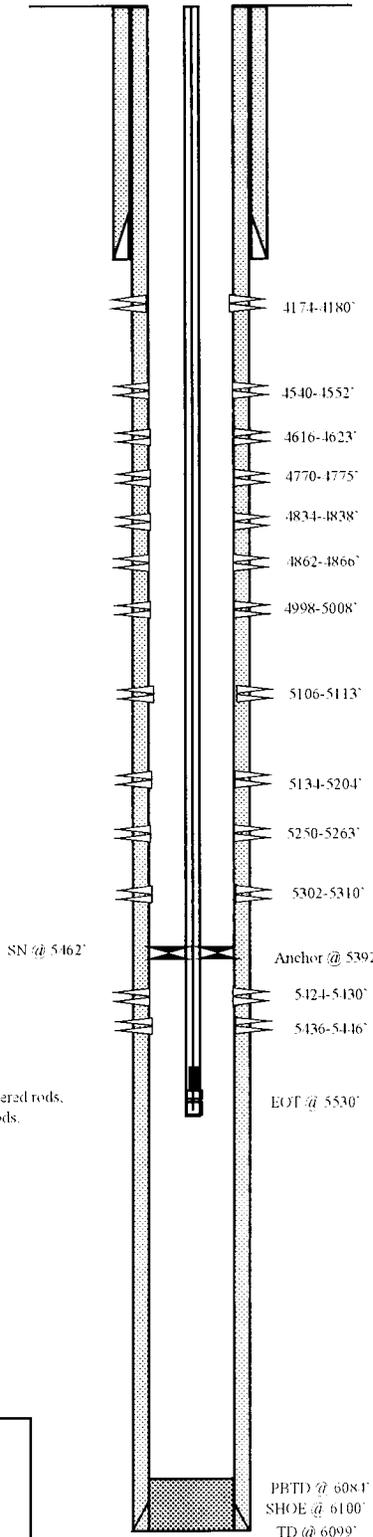
8-17-05 4998-5088' **Frac A1, sand as follows:**  
 34340#s 20/40 sand in 350 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2145 psi  
 w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc  
 flush: 4996 gal. Actual flush: 5040 gal.

8-17-05 4770-4866' **Frac C, B,5, B1 sand as follows:**  
 34266#s 20/40 sand in 345 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1835 psi  
 w/avg rate of 24.9 BPM. ISIP 2120 psi. Calc  
 flush: 4768 gal. Actual flush: 4788 gal.

8-17-05 4616-4623' **Frac D1 sand as follows:**  
 24437#s 20/40 sand in 253 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2078 psi  
 w/avg rate of 25 BPM. Screened out w/6.5#  
 sand.

8-18-05 4540-4552' **Frac DS2 sand as follows:**  
 25087#s 20/40 sand in 283 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2260 psi  
 w/avg rate of 19.8 BPM. ISIP 2800 psi. Calc  
 flush: 4538 gal. Actual flush: 4536 gal.

8-18-05 4174-4180' **Frac GB6 sand as follows:**  
 26129#s 20/40 sand in 244 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1895 psi  
 w/avg rate of 14.1 BPM. ISIP 3800 psi.  
 Screened out w/9500#s in casing.



**PERFORATION RECORD**

8-8-05	5424-5430'	4 JSPE	24 holes
8-8-05	5436-5446'	4 JSPE	40 holes
8-16-05	5106-5113'	4 JSPE	28 holes
8-16-05	5134-5204'	2 JSPE	140 holes
8-16-05	5250-5263'	4 JSPE	52 holes
8-16-05	5302-5310'	4 JSPE	32 holes
8-17-05	4998-5008'	1 JSPE	40 holes
8-17-05	4770-4775'	4 JSPE	20 holes
8-17-05	4834-4838'	4 JSPE	16 holes
8-17-05	4862-4866'	4 JSPE	16 holes
8-17-05	4616-4623'	4 JSPE	28 holes
8-18-05	4540-4552'	4 JSPE	48 holes
8-18-05	4174-4180'	4 JSPE	24 holes

**NEWFIELD**

Ashley Federal 2-23-9-15  
 754' FNL & 1957' FWL  
 NE/4NW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32735; Lease #UTU-66185

# Ashley Federal 4-23-9-15

Spud Date: 7/6/05  
 Put on Production: 10/12/05  
 GL: 6277' KB: 6289'

Initial Production: BOPD.  
 MCFD. BWPD

## Wellbore Diagram

### 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" cement, est 6 bbls cement 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 Perm Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 225'

### TUBING

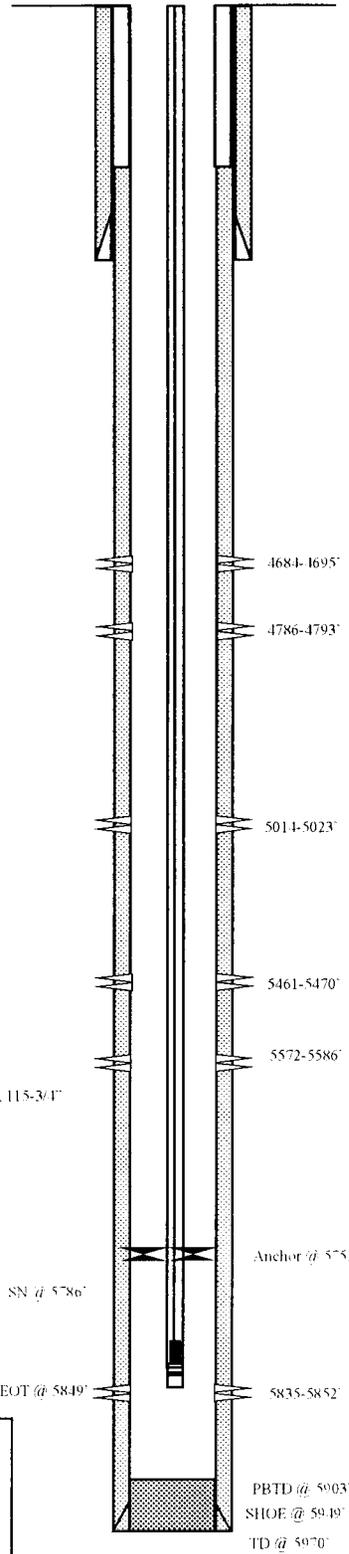
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 181 jts (5739.79')  
 TUBING ANCHOR: 5751.79' KB  
 NO. OF JOINTS: 1 jts (31.78')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5786.37' KB  
 NO. OF JOINTS: 2 jts (61.46')  
 TOTAL STRING LENGTH: EOT @ 5849.38' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-2", 1-6", 1-8" 3/4" ponies, 99- 3/4" scraper rods, 115-3/4"  
 plain rods, 10-3/4" scraper rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC SM plunger  
 STROKE LENGTH: 76"  
 PUMP SPEED: 5 SPM

### FRAC JOB

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



### PERFORATION RECORD

Date	Interval	Rate	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'	1 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

# 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

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: 170 jts (5545.42')  
 TUBING ANCHOR: 5557.42' KB  
 NO. OF JOINTS: 1 jt (32.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5592.82' KB  
 NO. OF JOINTS: 2 jts (65.23')  
 TOTAL STRING LENGTH: EOT @ 5659.60' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" scraped rods; 107-3/4" plain rods; 100-3/4" scraped rods; 1-8', 1-4' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL

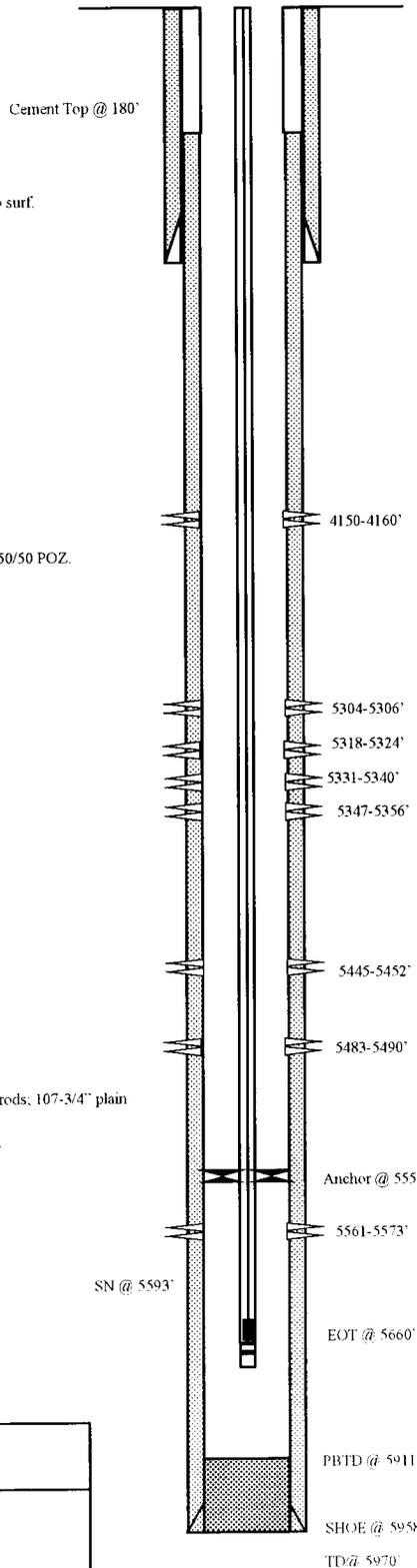
**FRAC JOB**

1/17/05 5561'-5573' **Frac CP2 sands as follows:**  
 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' **Frac LODC sands as follows:**  
 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' **Frac LODC sands as follows:**  
 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' **Frac GB6 sands as follows:**  
 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.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
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

**NEWFIELD**

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

1832' ENL & 510' FWL  
 SW/NW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32480; Lease #UTU-66185

# Ashley Federal 7-23-9-15

Spud Date: 12-11-04  
 Put on Production: 2-4-05  
 GL: 6278' KB: 6290'

Initial Production: 12 BOPD,  
 102 MCFD, 2 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (29131')  
 DEPTH LANDED: 306.16' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surf.

**PRODUCTION CASING**

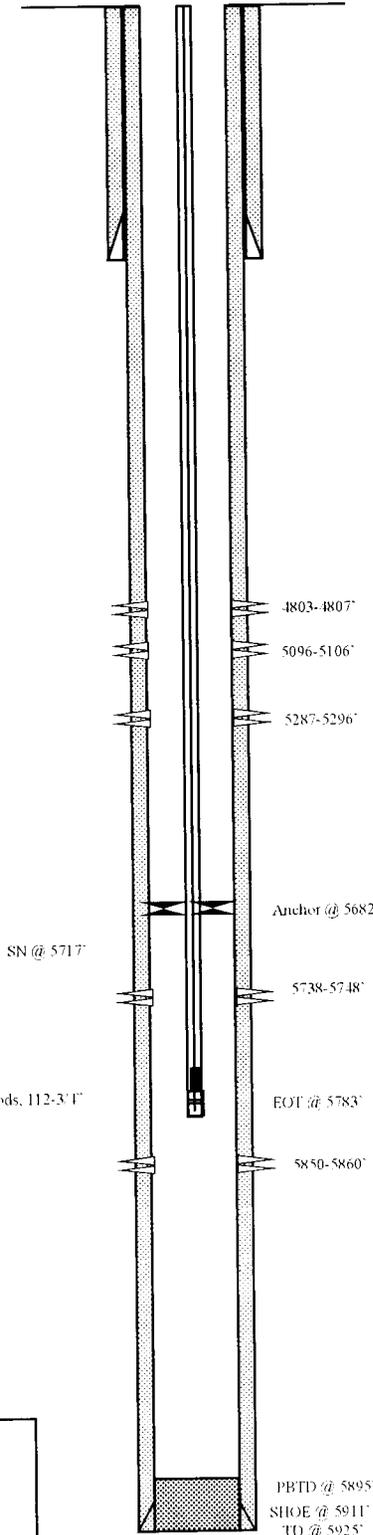
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5911.70')  
 DEPTH LANDED: 5910.95' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite 11 & 400 sxs 50/50 POZ.  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55  
 NO. OF JOINTS: 174 jts (5669.79')  
 TUBING ANCHOR: 5681.79' KB  
 NO. OF JOINTS: 1 jts (32.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5717.19' KB  
 NO. OF JOINTS: 2 jts (64.15')  
 TOTAL STRING LENGTH: EOT @ 5783.19' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-8", 1-6", 1-4", 1-1/4" ponies, 99- 3/4" scraped rods, 112-3/4"  
 plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15.5" RHAC plunger  
 STROKE LENGTH: 84"  
 PUMP SPEED: 5.5 SPM



**FRAC JOB**

- 2-1-05 5850-5860' **Frac CP5 sand as follows:**  
 3569#'s 20/40 sand in 362 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1976 psi  
 w/avg rate of 24.8 BPM. ISIP 3200 Calc  
 Flush: 5848 gal. Actual Flush 5880 gals
- 2-1-05 5738-5748' **Frac CP4 sand as follows:**  
 38551#'s 20/40 sand in 389 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2040 psi  
 w/avg rate of 24.9 BPM. ISIP 2080 Calc  
 flush: 5734 gal. Actual flush: 5754 gal.
- 2-1-05 5287-5296' **Frac LODC sand as follows:**  
 14124#'s 20/40 sand in 225 bbls Lightning  
 17 frac fluid. Treated @ avg press of 3142 psi  
 w/avg rate of 23.2 BPM. ISIP 3320 psi. Calc  
 flush: 5285 gal. Actual flush: 5325 gal.
- 2-2-05 5096-5106' **Frac LODC sand as follows:**  
 24407#'s 20/40 sand in 283 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2022 psi  
 w/avg rate of ? BPM. ISIP 2240 psi. Calc  
 flush: 5094 gal. Actual flush: 5094 gal.
- 2-2-05 4803-4807' **Frac B1 sand as follows:**  
 15788#'s 20/40 sand in 215 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2250 psi  
 w/avg rate of 14.4 BPM. ISIP 2375. Calc  
 flush: 4801 gal. Actual flush: 4716 gal

**PERFORATION RECORD**

2-1-05	5850-5860'	4 JSPF	10 holes
2-1-05	5738-5748'	4 JSPF	10 holes
2-1-05	5287-5296'	4 JSPF	36 holes
2-2-05	5096-5106'	4 JSPF	10 holes
2-2-05	4803-4807'	4 JSPF	16 holes

**NEWFIELD**

Ashley Federal 7-23-9-15  
 1849' FNL & 2072' FEL  
 SW NE Section 23-T9S-R15E  
 Duchesne Co. Utah  
 API #43-013-32481; Lease #UTU-66185

Analytical Laboratory Report for:



Chemical Services

NEWFIELD PRODUCTION COMPANY

Account Representative:  
Arnold, Joe

## Production Water Analysis

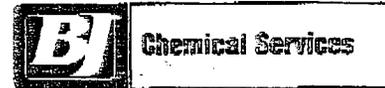
Listed below please find water analysis report from: JOHNSON WATER LINE, JOHNSON STATION #2 CHARGE PUMP

Lab Test No: 2005400163      Sample Date: 01/10/2005  
 Specific Gravity: 1.002  
 TDS: 674  
 pH: 8.20

Cations:	mg/L	as:
Calcium	30.00	(Ca <sup>++</sup> )
Magnesium	56.00	(Mg <sup>++</sup> )
Sodium	0	(Na <sup>+</sup> )
Iron	0.70	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	366	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	100	(SO <sub>4</sub> <sup>-</sup> )
Chloride	71	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

NEWFIELD PRODUCTION Lab Test No: 2005400163  
COMPANY

DownHole SAT™ Scale Prediction  
@ 50 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbis)
Calcite (CaCO <sub>3</sub> )	5.02	1.13
Aragonite (CaCO <sub>3</sub> )	4.41	1.09
Witherite (BaCO <sub>3</sub> )	0	-4.08
Strontianite (SrCO <sub>3</sub> )	0	-.99
Magnesite (MgCO <sub>3</sub> )	2.13	.628
Anhydrite (CaSO <sub>4</sub> )	.0183	-369.47
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.0429	-249.59
Barite (BaSO <sub>4</sub> )	0	-.024
Celestite (SrSO <sub>4</sub> )	0	-49.8
Silica (SiO <sub>2</sub> )	0	-28.21
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-.737
Magnesium silicate	0	-60.59
Siderite (FeCO <sub>3</sub> )	11.14	.0732
Halite (NaCl)	< 0.001	-136816
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	< 0.001	-35132
Iron sulfide (FeS)	0	-.0163

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

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Analytical Laboratory Report for:

**NEWFIELD PRODUCTION COMPANY****Chemical Services**Account Representative:  
Arnold, Joe

## Production Water Analysis

Listed below please find water analysis report from: Run A, ASHLEY 3-23-9-15 TREATER

Lab Test No: 2005403320      Sample Date: 09/30/2005  
Specific Gravity: 1.018TDS: 26481  
pH: 8.20

Cations:	mg/L	as:
Calcium	120	(Ca <sup>++</sup> )
Magnesium	48.00	(Mg <sup>++</sup> )
Sodium	10166	(Na <sup>+</sup> )
Iron	2.50	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	244	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	0	(SO <sub>4</sub> <sup>=</sup> )
Chloride	15900	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

page 4 of 6

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2005403320

DownHole SAT™ Scale Prediction  
@ 130 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	5.18	2.5
Aragonite (CaCO <sub>3</sub> )	4.31	2.37
Witherite (BaCO <sub>3</sub> )	0	-13.32
Strontianite (SrCO <sub>3</sub> )	0	-4.95
Magnesite (MgCO <sub>3</sub> )	2.78	1.65
Anhydrite (CaSO <sub>4</sub> )	0	-716.41
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	0	-881.08
Barite (BaSO <sub>4</sub> )	0	-8.38
Celestite (SrSO <sub>4</sub> )	0	-196.9
Silica (SiO <sub>2</sub> )	0	-79.37
Brucite (Mg(OH) <sub>2</sub> )	.0104	-1.65
Magnesium silicate	0	-134
Siderite (FeCO <sub>3</sub> )	91.04	.629
Halite (NaCl)	.00197	-193931
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	0	-61415
Iron sulfide (FeS)	0	-.032

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)  
MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) Ash 3-23-9-15

Report Date: 10-03-2005

CATIONS		ANIONS	
Calcium (as Ca)	250.00	Chloride (as Cl)	8200
Magnesium (as Mg)	156.50	Sulfate (as SO4)	50.00
Barium (as Ba)	0.00	Dissolved CO2 (as CO2)	7.01
Strontium (as Sr)	0.00	Bicarbonate (as HCO3)	254.51
Sodium (as Na)	5083	Carbonate (as CO3)	27.19
Iron (as Fe)	1.45	H2S (as H2S)	0.00
Manganese (as Mn)	0.00		

## PARAMETERS

pH	7.94
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	14030
Molar Conductivity	18715

BJ Chemical Services  
Roosevelt, Utah

DownHole SAT(tm)

## MIXED WATER DEPOSITION POTENTIAL INDICATORS

Page 6 of 6

1) Johnson Water

2) Ash 3-23-9-15

Report Date: 10-03-2005

SATURATION LEVEL		FREE ION MOMENTARY EXCESS (ppm)	
Calcite (CaCO3)	10.19	Calcite (CaCO3)	5.29
Aragonite (CaCO3)	8.47	Aragonite (CaCO3)	5.17
Witherite (BaCO3)	0.00	Witherite (BaCO3)	-31.48
Strontianite (SrCO3)	0.00	Strontianite (SrCO3)	-12.00
Magnesite (MgCO3)	8.12	Magnesite (MgCO3)	4.33
Anhydrite (CaSO4)	0.0121	Anhydrite (CaSO4)	-1438
Gypsum (CaSO4*2H2O)	0.0105	Gypsum (CaSO4*2H2O)	-1759
Barite (BaSO4)	0.00	Barite (BaSO4)	-3.93
Magnesium silicate	0.00	Magnesium silicate	-356.36
Iron hydroxide (Fe(OH)3)	5938	Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	0.00	Iron sulfide (FeS)	-0.0319
SIMPLE INDICES		BOUND IONS	
Langelier	1.19	Calcium	TOTAL 250.00
Stiff Davis Index	1.28	Barium	0.00
		Carbonate	27.19
		Phosphate	0.00
		Sulfate	50.00
		FREE	234.94
			0.00
			3.52
			0.00
			35.44

## OPERATING CONDITIONS

Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services  
Roosevelt, Utah

**Attachment "G"**

**Ashley Federal #3-23-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5854	5864	5859	2200	0.81	2187
5588	5627	5608	1650	0.73	1638 ←
5201	5211	5206	2030	0.82	2019
4638	4652	4645	2120	0.89	2110
				<b>Minimum</b>	<u><u>1638</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (Frac\ Grad - (0.433 * 1.005)) \times Depth\ of\ Top\ Perf$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

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

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

# NEWFIELD



Attachment G-1  
Page 1 of 4

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 3-23-9-15      **Report Date:** 1-14-05      **Day:** 02a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 332'      **Prod Csg:** 5-1/2" @ 5975'      **Csg PBTD:** 5890' WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>CP-5</u>	<u>5854 - 5864'</u>	<u>4/40</u>			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 1-13-05      **SITP:** \_\_\_\_\_ **SICP:** 15

R/U BJ Services "Ram Head" frac flange. RU BJ & frac CP-5 sd w/ 29,391 lbs. of 20/40 sand and 327 bbls Lightning 17 frac fluid. Open well w/ 15 psi on casing. Perfs broke down @ 2429 psi, back to 1533 psi. Treated @ avg pressure 2133 psi, w/ avg rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCl in flush for next stage. ISIP was 2200 psi. 467 bbls EWTR. Leave pressure on well. See day2b.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 140      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 327      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 467      **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:**      frac CP-5 sd down casing

2400 gals of pad  
1875 gals w/ 1-5 ppg of 20/40 sand  
4910 gals w/ 5-8 ppg of 20/40 sand  
5851 gals of flush

### COSTS

<u>Weatherford BOP</u>	<u>\$30</u>
<u>Weatherford Services</u>	<u>\$650</u>
<u>Betts frac water</u>	<u>\$330</u>
<u>BJ Services CP5 sd</u>	<u>\$16,066</u>
<u>D&amp;M Hot Oil</u>	<u>\$70</u>
<u>NPC fuel gas</u>	<u>\$75</u>
<u>NPC supervisor</u>	<u>\$65</u>

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

**Max TP:** 2464      **Max Rate:** 24.8      **Total fluid pmpd:** 327 bbls  
**Avg TP:** 2133      **Avg Rate:** 24.7      **Total Prop pmpd:** 29,391 lbs.  
**ISIP:** 2200      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 0.81

**Completion Supervisor:** Hans Wychgram

**DAILY COST:** \$17,286  
**TOTAL WELL COST:** \$253,554

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 3-23-9-15      **Report Date:** 1-14-05      **Day:** 02b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 332'      **Prod Csg:** 5-1/2" @ 5975'      **Csg PBTD:** 5890' WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5730'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP-1	5588 - 5607'	4/76			
CP-1	5622 - 5627'	4/20			
CP-5	5854 - 5864'	4/40			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 1-13-05      **SITP:** \_\_\_\_\_ **SICP:** 1580

RU Patterson WLT. RIH w/ 5-1/2" composite frac plug and 5' perf gun. Set plug @ 5730'. Perforate CP-1 sd f/ 5622-5627' and f/ 5588- 5607' w/ 4 spf for total of 96 shots in two runs. RU BJ, open well with 1580 psi, perfs would not breakdown. RIH with dump bailer and spot 8 gals 15% HCl across perfs. RU BJ, perfs broke down @ 4174 psi, back to 1150 psi. Frac CP-1 sd w/ 79,648 lbs. of 20/40 sand and 609 bbls Lightning 17 frac fluid. Treated @ avg pressure 1659 psi, w/ avg rate of 24.9 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCl in flush for next stage. ISIP was 1650 psi. 1076 bbls EWTR. Leave pressure on well. See day2c.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 467      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 609      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1076      **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:** frac CP-1 sd down casing

- \_\_\_\_\_ 6000 gals of pad
- \_\_\_\_\_ 4000 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 8000 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 5646 gals w 8 ppg of 20/40 sand
- \_\_\_\_\_ 5586 gals of flush

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

**Max TP:** 1720      **Max Rate:** 24.9      **Total fluid pmpd:** 609 bbls  
**Avg TP:** 1659      **Avg Rate:** 24.9      **Total Prop pmpd:** 79,648 lbs.  
**ISIP:** 2200      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 0.73

**Completion Supervisor:** Hans Wychgram

### COSTS

Weatherford BOP	\$75
Weatherford Services	\$2,200
Betts frac water	\$940
BJ Services CP1 sd	\$16,852
Patterson CP1 sd	\$8,016
D&M Hot Oil	\$200
NPC fuel gas	\$200
NPC supervisor	\$175

**DAILY COST:** \$28,658  
**TOTAL WELL COST:** \$282,212



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 3-23-9-15 Report Date: 1-14-05 Day: 02c  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 332' Prod Csg: 5-1/2" @ 5975' Csg PBTD: 5890' WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: 4780'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D-1	4638 - 4652'	4/56			
LODC	5201 - 5211'	4/40			
CP-1	5588 - 5607'	4/76			
CP-1	5622 - 5627'	4/20			
CP-5	5854 - 5864'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1-13-05 SITP: \_\_\_\_\_ SICP: 3800

RU Patterson WLT. RIH w/ 5-1/2" composite frac plug and 10' perf gun. Set plug @ 5310'. Perforate LODC sd f/ 5201- 5211' w/ 4 spf for total of 40 shots in one run. RU BJ, open well w/ 1335 psi on casing, perfs would not break down. RIH w/ dump bailer and spot 8 gals 15% HCl across perfs. RU BJ, perfs broke down @ 3343 psi, back to 2087 psi. Frac CP-1 sd w/ 26,556 lbs. of 20/40 sand and 289 bbls Lightning 17 frac fluid. Treated @ avg pressure 2158 psi, w/ avg rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCl in flush for next stage. ISIP was 2030 psi. RU W/L, RIH w/ 5-1/2" composite frac plug and 4' perf gun. Set plug @ 4780'. Perforate D-1 sd f/ 4638- 4652' w/ 4 spf for total of 56 shots in two runs. R/U BJ, open well w/ 1470 psi, perfs would not breakdown. SIFN w/ 3800 psi on casing. 1365 bbls EWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1076 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 289 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1365 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: frac LODC sd down casing  
 \_\_\_\_\_  
2000 gals of pad  
 \_\_\_\_\_  
1569 gals w/ 1-5 ppg of 20/40 sand  
 \_\_\_\_\_  
4545 gals w/ 5-8 ppg of 20/40 sand  
 \_\_\_\_\_  
5200 gals of flush  
 \_\_\_\_\_  
 \_\_\_\_\_

COSTS

Weatherford BOP	\$25
Weatherford Services	\$2,200
Betts frac water	\$305
BJ Services LODC sd	\$8,248
Patterson LODC sd	\$2,505
D&M Hot Oil	\$65
NPC fuel gas	\$65
NPC supervisor	\$60
_____	_____
_____	_____
_____	_____

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

Max TP: 2500 Max Rate: 24.9 Total fluid pmpd: 289 bbls  
 Avg TP: 2158 Avg Rate: 24.7 Total Prop pmpd: 26,556 lbs.  
 ISIP: 2030 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: 0.82

Completion Supervisor: Hans Wychgram

DAILY COST: \$13,473  
 TOTAL WELL COST: \$295,685

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 3-23-9-15      **Report Date:** 1-15-05      **Day:** 03  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 332'      **Prod Csg:** 5-1/2" @ 5975'      **Csg PBTD:** 5890' WL  
**Tbg:**      **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4780'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D-1	4638 - 4652'	4/56			
LODC	5201 - 5211'	4/40			
CP-1	5588 - 5607'	4/76			
CP-1	5622 - 5627'	4/20			
CP-5	5854 - 5864'	4/40			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 1-14-05      **SITP:** \_\_\_\_\_ **SICP:** 1056

RU BJ, open well w/ 1056 psi on casing, perfs would not breakdown. RIH w/ dump bailer and spot 8 gals 15% HCl across from perfs. RU BJ, perfs broke down @ 4040 psi, back to 880 psi. Frac D-1 sd w/ 100,974 lbs. of 20/40 sand and 704 bbls Lightning 17 frac fluid. Treated @ avg pressure 1760 psi, w/ avg rate of 25.1 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCl in flush for next stage. ISIP was 2120 psi. Began immediate flowback w/ 2100 psi and 12/64 choke. Well flowed for 5.0 hours and died with 300 bbls recovered (16% of frac). MIRU NC #2. N/D Cameron BOP and 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. 1769 bbls EWTR. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1365      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 404      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1769      **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:**      frac D-1 sd down casing

- 7500 gals of pad
- 5000 gals w/ 1-5 ppg of 20/40 sand
- 10000 gals w/ 5-8 ppg of 20/40 sand
- 7261 gals w/ 8 ppg of 20/40 sand
- 4553 gals of flush

### COSTS

Weatherford BOP	\$130
Weatherford Services	\$2,200
Betts frac water	\$1,190
BJ Services D-1 sd	\$21,183
Patterson D-1 sd	\$4,272
D&M Hot Oil	\$250
Hot Oil Exp (thaw)	\$240
NPC fuel gas	\$65
NPC supervisor	\$300
NC #2 rig	\$1,009

**Max TP:** 1796      **Max Rate:** 25.3      **Total fluid pmpd:** 704 bbls  
**Avg TP:** 1760      **Avg Rate:** 25.1      **Total Prop pmpd:** 100,974 lbs.  
**ISIP:** 2120      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 0.89  
**Completion Supervisor:** Hans Wychgram

**DAILY COST:** \$30,839  
**TOTAL WELL COST:** \$326,524

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4543`.
2. Plug #1 Set 100` plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200` plug from 2000`-2200` with 25 sx Class "G" cement.
4. Plug #3 Pump 44 sx Class G cement down 5-1/2" casing to 383`.

The approximate cost to plug and abandon this well is \$33,025.

# Ashley Federal 3-23-9-15

Spud Date: 12/06/04  
 Put on Production: 1/18/2005  
 GL 6300' KB 6312'

Initial Production: BOPD,  
 MCFD, BWPD

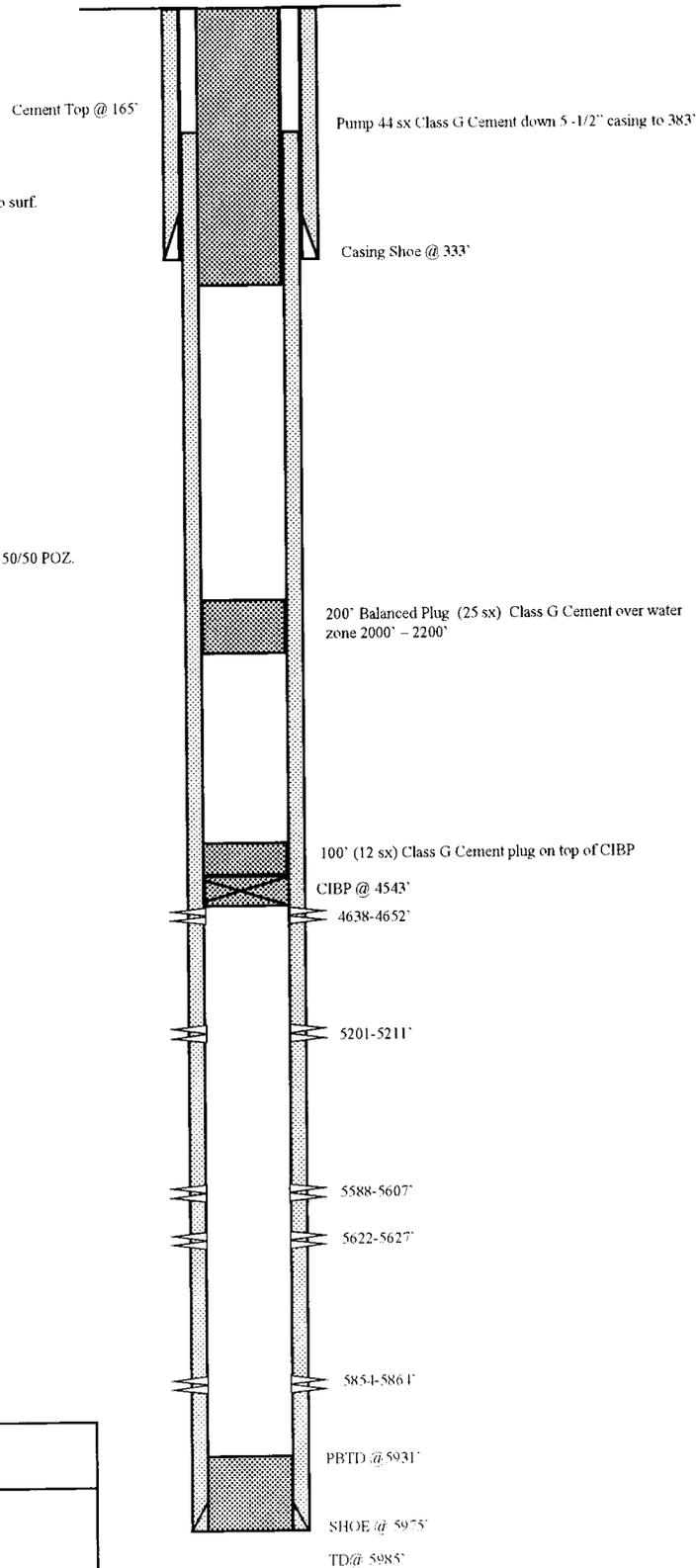
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (323.36')  
 DEPTH LANDED: 333.36' 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: 133 jts. (5977.08')  
 DEPTH LANDED: 5975.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 165'

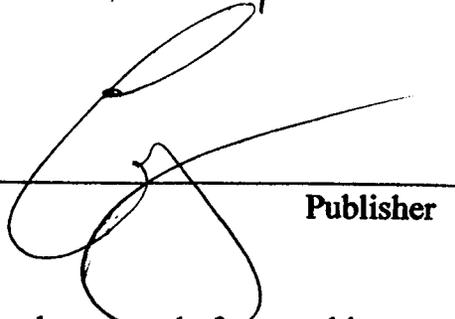



<p><b>Ashley Federal 3-23-9-15</b></p> <p>660' ENL &amp; 1980' FWL</p> <p>NE NW Section 23-T9S-R15E</p> <p>Duchesne Co, Utah</p> <p>API: 43-013-32479; Lease #UTU-68548</p>

300  
**AFFIDAVIT OF PUBLICATION**

County of Duchesne,  
STATE OF UTAH

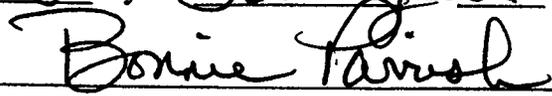
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 7 day of February, 20 06, and that the last publication of such notice was in the issue of such newspaper dated the 7 day of February, 20 06.



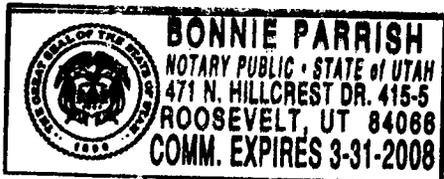
Publisher

Subscribed and sworn to before me this

8 day of February, 20 06



Notary Public



**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 328**

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 THE Ashley Federal 7-2-9-15, Ashley Federal 13-15-9-15, Ashley Federal 15-15-9-15, Ashley Federal 1-22-9-15, Ashley Federal 3-22-9-15, Ashley Federal 7-22-9-15, Ashley Federal 9-22-9-15, Ashley Federal 3-23-9-15, Ashley Federal 5-23-9-15, Ashley Federal 7-23-9-15, Ashley Federal 9-23-9-15 WELLS LOCATED IN SECTION 2,15,22 and 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, Duchesne COUNTY, UTAH, AS A CLASS II INJECTION

mentioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of February, 2006.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt  
Associate Director  
February 1st, 2006  
Published in the Uintah  
Basin Standard February 7,  
2006.

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**Announces for**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU68548

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA A

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 3-23-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332479

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 660 FNL 1980 FWL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NW, 23, T9S, R15E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION <span style="float: right;">SubDate</span>		
	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input checked="" type="checkbox"/> CONVERT WELL TYPE	<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/STOP)  <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"/> TEMPORARITLY ABANDON  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> VENT OR FLAIR  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> WATER SHUT-OFF  <input type="checkbox"/> OTHER: -
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____			

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

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

NAME (PLEASE PRINT) David Gerbig

TITLE Operations Engineer

SIGNATURE

*David Gerbig*

DATE

12-28-05

(This space for State use only)

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 3-23-9-15

**Location:** 23/9S/15E      **API:** 43-013-324<sup>79</sup>~~27~~

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Ashley 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. 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 Ashley 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 323 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5,985 feet. A cement bond log demonstrates adequate bond in this well up to 586 feet. A 2 7/8 inch tubing with a packer will be set at 4,603 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 2,300 feet. Injection shall be limited to the interval between 3,937 feet and 5,933 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 3-23-9-15 well is .73 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,638 psig. The requested maximum pressure is 1,638 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 3-23-9-15  
page 2

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998 . 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.

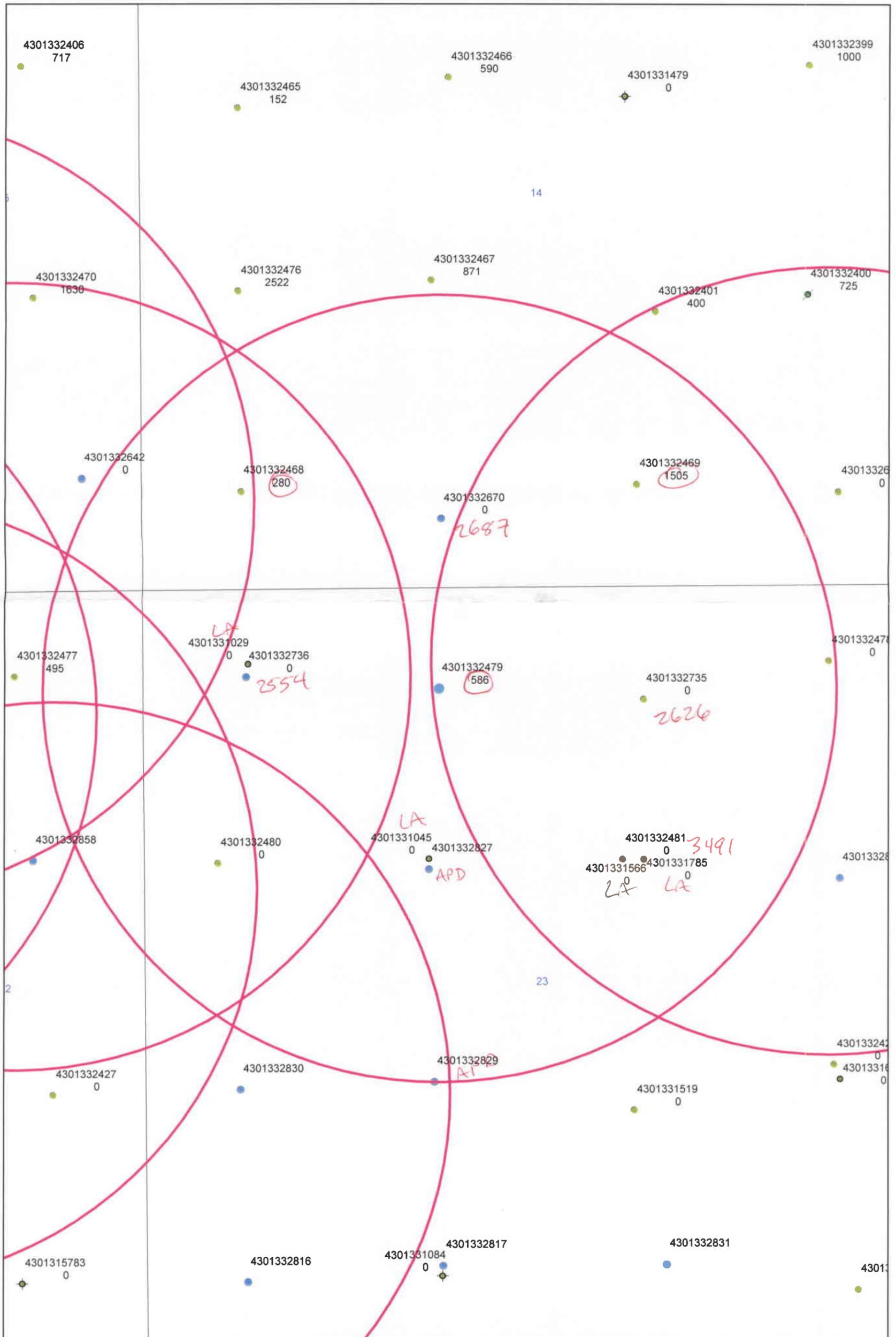
**Bonding:** Bonded with the BLM

**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): Brad Hill Date 03/15/2006

# UIC-328.4/AF 3-23-9-15





**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*

March 16, 2006

Newfield Production Company  
410 Seventeenth Street, Suite 700  
Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 3-23-9-15, Section 23, Township 9  
South, Range 15 East, Duchesne County, Utah

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 Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

BGH:mf

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton

*in RPDMS*

**INJECTION WELL - PRESSURE TEST**

Well Name: <u>Ashley Fed 3-23-9-15</u>	API Number: <u>43-013-32479</u>
Qtr/Qtr: <u>NE/NW</u> Section: <u>23</u>	Township: <u>9N</u> Range: <u>15E</u>
Company Name: <u>NEWFIELD</u>	
Lease: State <u>Utah</u> Fee _____	Federal <u>U-68548</u> Indian _____
Inspector: <u>[Signature]</u>	Date: <u>5-18-06</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 390 psi  
 Casing/Tubing Annulus - Pressure: 1875 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1875</u>	<u>390</u>
5	<u>1875</u>	<u>390</u>
10	<u>1875</u>	<u>390</u>
15	<u>1875</u>	<u>390</u>
20	<u>1875</u>	<u>390</u>
25	<u>1875</u>	<u>390</u>
30	<u>1875</u>	<u>390</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 390 psi  
 Casing/Tubing Annulus Pressure: 1875 psi

COMMENTS: Tested for Conversion. Record on Chart  
#3 11:00

[Signature]  
 Operator Representative



May 22, 2006

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT  
Ashley Federal 3-23-9-15  
Sec.23, T9S, R15E  
API #43-013-32479

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was performed. Please find enclosed the sundry, a copy of the tabular, and chart.

Sincerely,

A handwritten signature in cursive script that reads "Callie Duncan".

Callie Duncan  
Production Clerk

RECEIVED

MAY 24 2006

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU68548

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA A

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 3-23-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332479

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 660 FNL 1980 FWL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NW, 23, T9S, R15E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  05/10/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing oil well to an injection well on 5/10/06. On 5/15/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 5/18/06. On 5/18/06 the csg was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 390 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API #43-013-32479

**RECEIVED**

**MAY 24 2006**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

*Callie Duncan*

DATE 05/22/2006

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: Dennis Ingram Date 5/18/06 Time 11:00 (am) pm

Test Conducted by: Matthew Bertoch

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

Well: Ashley Fed. 3-23-9-15

Field: Ashley Unit UTU 73520X

Well Location: NE/NW Sec 03, T9S, R15E

API No: 43013-32479

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1875</u>	psig
5	<u>1875</u>	psig
10	<u>1875</u>	psig
15	<u>1875</u>	psig
20	<u>1875</u>	psig
25	<u>1875</u>	psig
30 min	<u>1875</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 390 psig

Result:

Pass

Fail

Signature of Witness:

Dennis Ingram

Signature of Person Conducting Test:

Matthew Bertoch





**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*

**UNDERGROUND INJECTION CONTROL PERMIT**

**Cause No. UIC-328**

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 3-23-9-15  
**Location:** Section 23, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32479  
**Well Type:** Enhanced Recovery (waterflood)

**Stipulations of Permit Approval**

1. Approval for conversion to Injection Well issued on March 16, 2006.
2. Maximum Allowable Injection Pressure: 1,638 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation  
(3,937' - 5,933')

Approved by:

Gil Hunt  
Associate Director

5-26-06

Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton

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.

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side</b>		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 3-23-9-15
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL 1980 FWL NE/NW Section 23 T9S R15E		9. API Well No. 4301332479
		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	Change Status, Put Well on Injection
	<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.)

The above referenced well was put on injection at 2:00 p.m. on 6/1/06.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 06/02/2006

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

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

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

(Instructions on reverse)

**JUN 05 2006**



April 7, 2011

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: 5 Year MIT  
Well: Ashley Federal 3-23-9-15  
API # 43-013-32479

95 ISE 23

Dear Mr. Brad Hill:

A 5-year MIT was conducted on the subject well. Attached are the sundry, tabular sheet and a copy of the chart. If you have any questions please give me a call at 435-646-4874.

Sincerely,

Lucy Chavez-Naupoto  
Administrative Assistant

**RECEIVED**

**APR 11 2011**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-68548

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 3-23-9-15

9. API NUMBER:  
4301332479

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

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.

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 660 FNL 1980 FWL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 23, T9S, R15E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/06/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

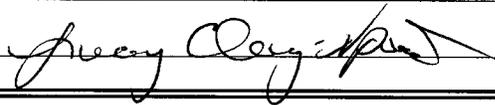
On 04/04/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/06/2011 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1622 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-32479

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 04/07/2011

(This space for State use only)

**RECEIVED**

**APR 11 2011**

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

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Dennis Ingram Date 4/6/11 Time 9:00 @ am pm  
Test Conducted by: Jared Robinson  
Others Present: Scott Sims

Well: <u>Ashley Federal</u>	Field: <u>Monument Butte</u>
Well Location: <u>3-23-9-15</u> <u>NE/NW Sec. 23, T9S, R15E</u>	API No: <u>43-013-32479</u>

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

Tubing pressure: 1622 psig

Result: Pass Fail

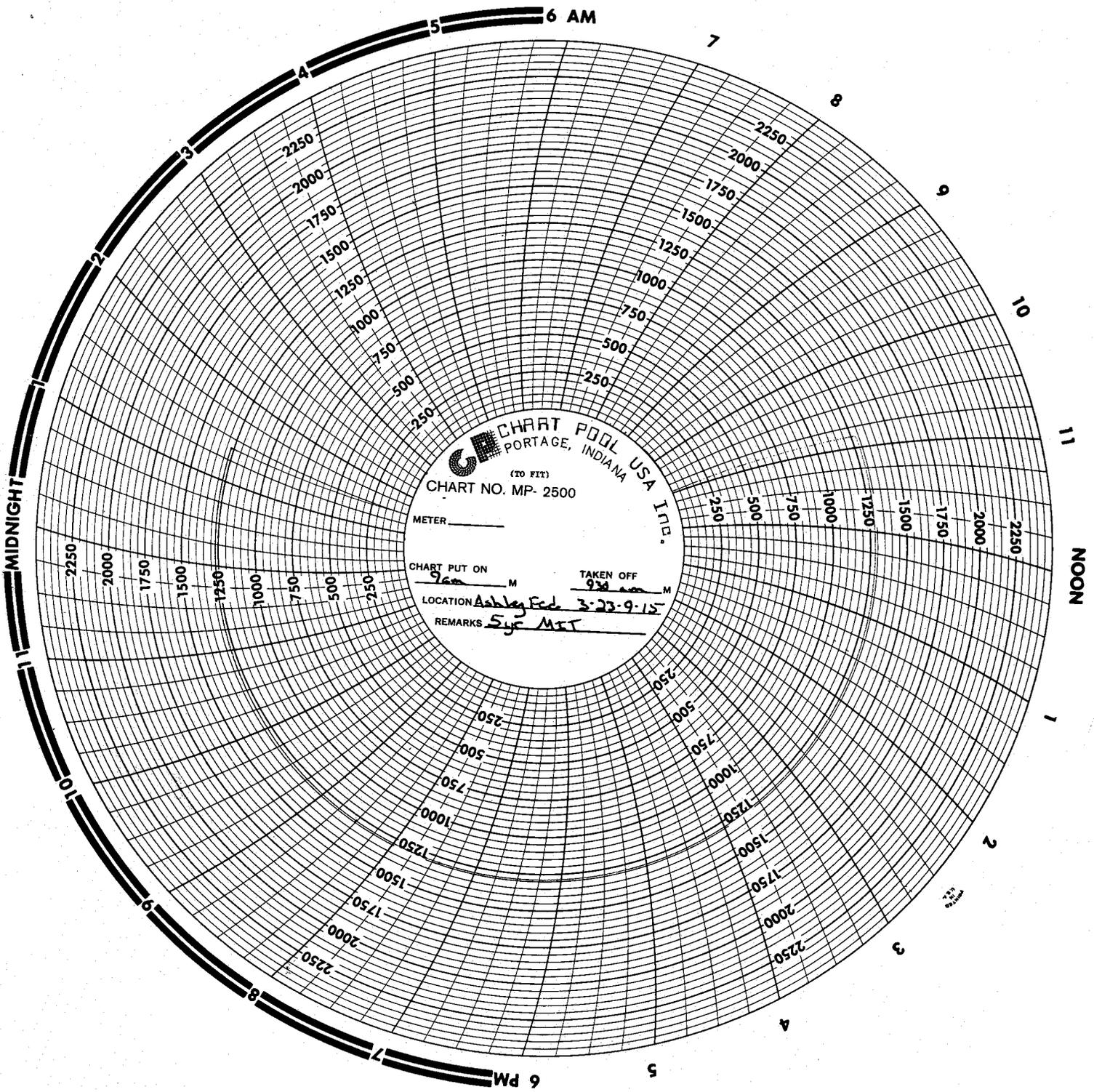
Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Jared Robinson

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING



RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 3-23-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013324790000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/24/2013	<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 type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input 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="Step Rate Test"/>

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

A step rate test was conducted on the subject well on 07/24/2013. Results from the test indicate that the fracture gradient is 0.825 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1638 psi to 1790 psi.

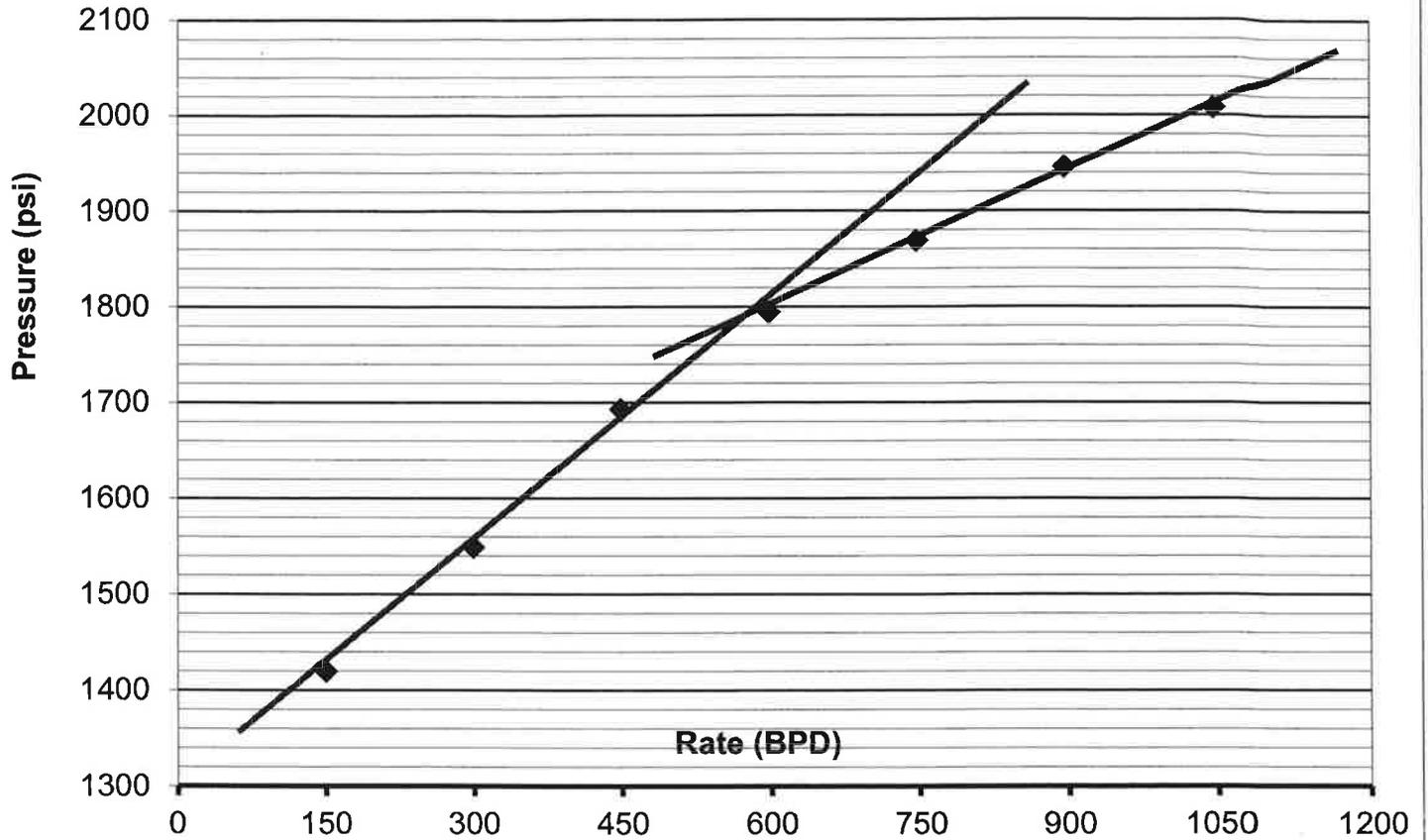
**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: August 07, 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> 8/1/2013	

**Ashley Federal 3-23-9-15  
Greater Monument Butte Unit  
Step Rate Test  
July 24, 2013**



<b>Start Pressure:</b>	1349 psi	<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
		1	150	1420
		2	300	1549
<b>Top Perforation:</b>	4638 feet	3	450	1693
<b>Fracture pressure (Pfp):</b>	1790 psi	4	600	1794
<b>FG:</b>	0.825 psi/ft	5	750	1869
		6	900	1946
		7	1050	2008

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 07/26/2013 13:14:52  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\  
 Ashley Federal 3-23-9-15 SRT (7-24-13).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N89296  
 Device ID: PrTemp  
 Data Start Date: Jul 24, 2013 05:00:00 AM MDT  
 Data End Date: Jul 24, 2013 09:00:00 AM MDT  
 Reading: 1 to 49 of 49  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Sep 18, 2012  
 Next Calibration Date: Sep 18, 2013  
 Next Calibration Date: Sep 18, 2013

**Ashley Federal 3-23-9-15 SRT (7-24-13)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jul 24, 2013 05:00:00 AM	1349.4
2	Jul 24, 2013 05:05:00 AM	1348.6
3	Jul 24, 2013 05:10:00 AM	1349.6
4	Jul 24, 2013 05:15:00 AM	1349.6
5	Jul 24, 2013 05:20:00 AM	1349.2
6	Jul 24, 2013 05:25:00 AM	1349
7	Jul 24, 2013 05:30:00 AM	1348.6
8	Jul 24, 2013 05:35:00 AM	1381
9	Jul 24, 2013 05:40:00 AM	1396.6
10	Jul 24, 2013 05:45:00 AM	1404
11	Jul 24, 2013 05:50:00 AM	1410.4
12	Jul 24, 2013 05:55:00 AM	1415.2
13	Jul 24, 2013 06:00:00 AM	1420.2
14	Jul 24, 2013 06:05:00 AM	1470.2
15	Jul 24, 2013 06:10:00 AM	1489.2
16	Jul 24, 2013 06:15:00 AM	1510.4
17	Jul 24, 2013 06:20:00 AM	1522.6
18	Jul 24, 2013 06:25:00 AM	1539.6
19	Jul 24, 2013 06:30:00 AM	1549
20	Jul 24, 2013 06:35:00 AM	1614.2
21	Jul 24, 2013 06:40:00 AM	1628.6
22	Jul 24, 2013 06:45:00 AM	1650.6
23	Jul 24, 2013 06:50:00 AM	1661.6
24	Jul 24, 2013 06:55:00 AM	1673.8
25	Jul 24, 2013 07:00:00 AM	1692.8
26	Jul 24, 2013 07:05:00 AM	1708
27	Jul 24, 2013 07:10:00 AM	1733.6
28	Jul 24, 2013 07:15:00 AM	1739
29	Jul 24, 2013 07:20:00 AM	1764.2
30	Jul 24, 2013 07:25:00 AM	1772.4
31	Jul 24, 2013 07:30:00 AM	1794.2
32	Jul 24, 2013 07:35:00 AM	1817.4
33	Jul 24, 2013 07:40:00 AM	1842.2
34	Jul 24, 2013 07:45:00 AM	1849.2
35	Jul 24, 2013 07:50:00 AM	1854
36	Jul 24, 2013 07:55:00 AM	1868.4
37	Jul 24, 2013 08:00:00 AM	1868.8
38	Jul 24, 2013 08:05:00 AM	1909.6

**Ashley Federal 3-23-9-15 SRT (7-24-13)**

Unit Type (All Units)

---

<b>Reading</b>	<b>DateTime (MDT)</b>	<b>Channel 2 PSIA</b>
39	Jul 24, 2013 08:10:00 AM	1907.4
40	Jul 24, 2013 08:15:00 AM	1926.6
41	Jul 24, 2013 08:20:00 AM	1927.6
42	Jul 24, 2013 08:25:00 AM	1942.4
43	Jul 24, 2013 08:30:00 AM	1946
44	Jul 24, 2013 08:35:00 AM	1969.2
45	Jul 24, 2013 08:40:00 AM	1976.4
46	Jul 24, 2013 08:45:00 AM	1983.8
47	Jul 24, 2013 08:50:00 AM	1992.6
48	Jul 24, 2013 08:55:00 AM	1999.2
49	Jul 24, 2013 09:00:00 AM	2008

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End of Report

**Data Table Report**

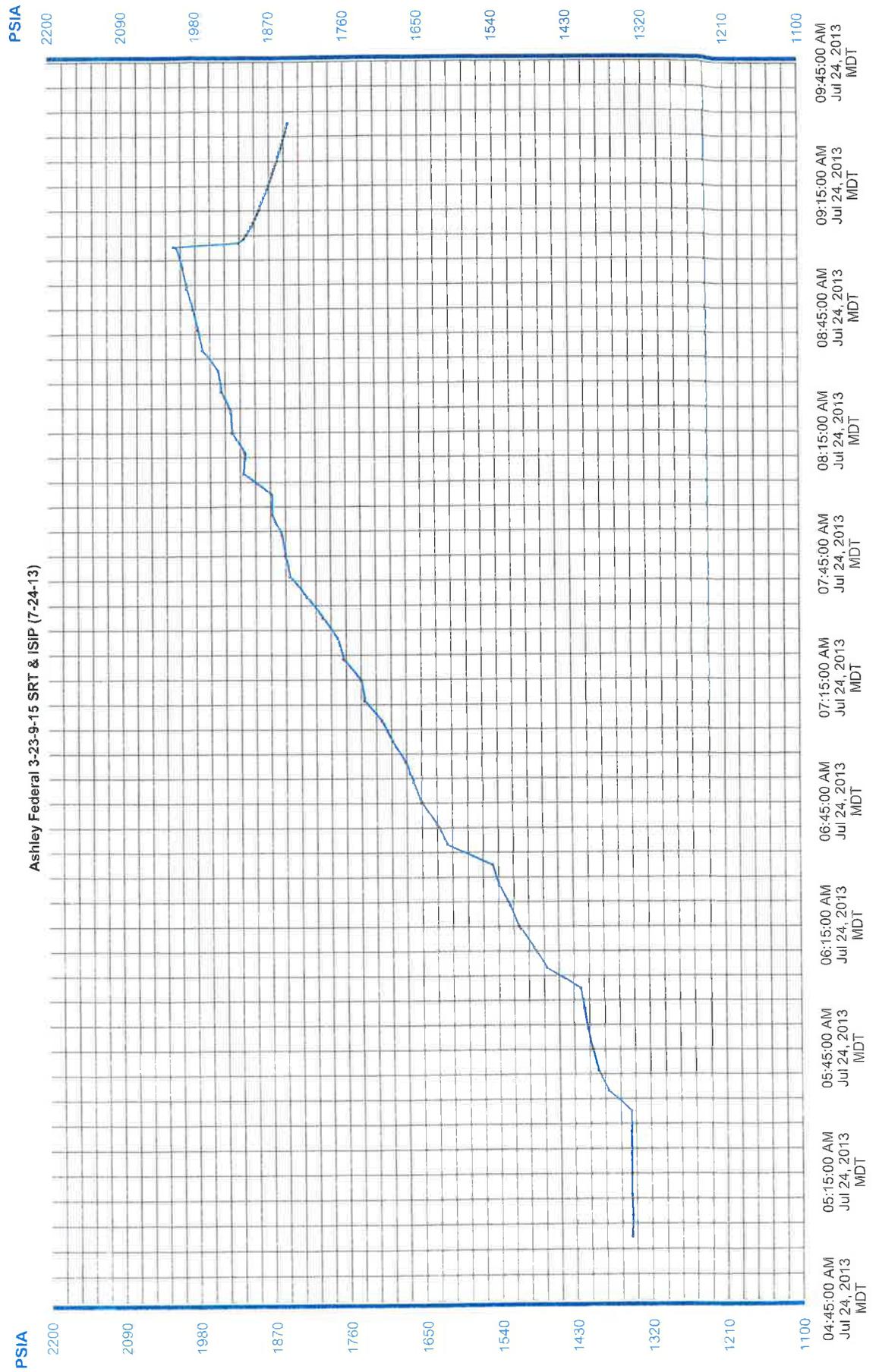
Report Name: PrTemp1000 Data Table  
 Report Date: 07/26/2013 13:15:15  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\  
 Ashley Federal 3-23-9-15 ISIP (7-24-13).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N89296  
 Device ID: PrTemp  
 Data Start Date: Jul 24, 2013 09:00:09 AM MDT  
 Data End Date: Jul 24, 2013 09:30:09 AM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Sep 18, 2012  
 Next Calibration Date: Sep 18, 2013  
 Next Calibration Date: Sep 18, 2013

**Ashley Federal 3-23-9-15 ISIP (7-24-13)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jul 24, 2013 09:00:09 AM	2012.2
2	Jul 24, 2013 09:01:09 AM	1915.6
3	Jul 24, 2013 09:02:09 AM	1907.6
4	Jul 24, 2013 09:03:09 AM	1903.4
5	Jul 24, 2013 09:04:09 AM	1899.8
6	Jul 24, 2013 09:05:09 AM	1896.2
7	Jul 24, 2013 09:06:09 AM	1893.4
8	Jul 24, 2013 09:07:09 AM	1890.6
9	Jul 24, 2013 09:08:09 AM	1887.6
10	Jul 24, 2013 09:09:09 AM	1885
11	Jul 24, 2013 09:10:09 AM	1882.6
12	Jul 24, 2013 09:11:09 AM	1880.2
13	Jul 24, 2013 09:12:09 AM	1877.8
14	Jul 24, 2013 09:13:09 AM	1875.2
15	Jul 24, 2013 09:14:09 AM	1873
16	Jul 24, 2013 09:15:09 AM	1870.8
17	Jul 24, 2013 09:16:09 AM	1868.8
18	Jul 24, 2013 09:17:09 AM	1866.6
19	Jul 24, 2013 09:18:09 AM	1864.4
20	Jul 24, 2013 09:19:09 AM	1862.2
21	Jul 24, 2013 09:20:09 AM	1860.4
22	Jul 24, 2013 09:21:09 AM	1858.2
23	Jul 24, 2013 09:22:09 AM	1856.4
24	Jul 24, 2013 09:23:09 AM	1854.4
25	Jul 24, 2013 09:24:09 AM	1852.6
26	Jul 24, 2013 09:25:09 AM	1850.8
27	Jul 24, 2013 09:26:09 AM	1849
28	Jul 24, 2013 09:27:09 AM	1847
29	Jul 24, 2013 09:28:09 AM	1845.2
30	Jul 24, 2013 09:29:09 AM	1843.4
31	Jul 24, 2013 09:30:09 AM	1841.6

End of Report



# Ashley Federal 3-23-9-15

Spud Date: 12/06/04  
 Put on Production: 1/18/2005  
 GL: 6300' KB: 6312'

Initial Production: BOPD,  
 MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

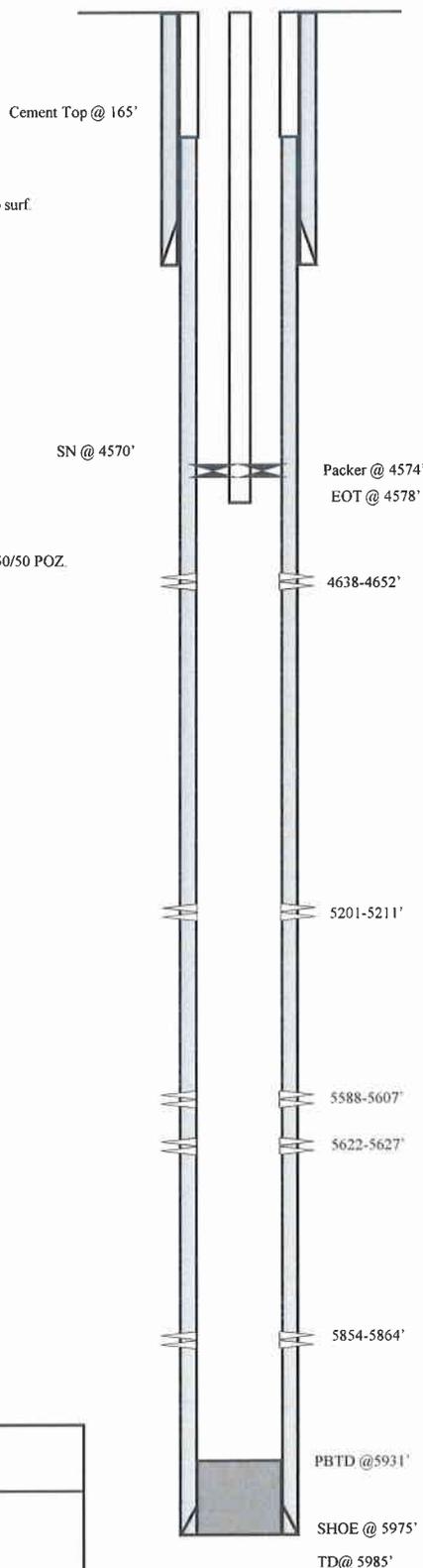
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (323.36')  
 DEPTH LANDED: 333.36' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts (5977.08')  
 DEPTH LANDED: 5975.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem Lite II mixed & 375 sxs 50/50 POZ.  
 CEMENT TOP AT: 165'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4557.79')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4569.79' KB  
 TOTAL STRING LENGTH: EOT @ 4578.29' w/ 12' KB



### FRAC JOB

1/13/05	5854'-5864'	<b>Frac CP5 sands as follows:</b> 29,391# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5852 gal. Actual flush: 5851 gal.
1/13/05	5588'-5627'	<b>Frac CP1 sands as follows:</b> 79,648# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1659 psi w/avg rate of 24.9 BPM. ISIP 1650 psi. Calc flush: 5586 gal. Actual flush: 5586 gal.
1/13/05	5201'-5211'	<b>Frac LODC sands as follows:</b> 26,556# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5199 gal. Actual flush: 5200 gal.
1/14/05	4638'-4652'	<b>Frac D1 sands as follows:</b> 100,974# 20/40 sand in 704 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 4636 gal. Actual flush: 4652 gal.
5/10/06		<b>Well converted to an Injection well.</b>
5/23/06		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
1/06/05	5854'-5864'	4	JSPF 40 holes
1/13/05	5622'-5627'	4	JSPF 20 holes
1/13/05	5588'-5607'	4	JSPF 76 holes
1/13/05	5201'-5211'	4	JSPF 40 holes
1/13/05	4638'-4652'	4	JSPF 56 holes

**NEWFIELD**

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**Ashley Federal 3-23-9-15**

660' FNL & 1980' FWL

NE/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32479; Lease #UTU-68548

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 3-23-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013324790000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>3/3/2016</b>	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>On 02/29/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 03/03/2016 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1745 psig during the test. There was a State representative available to witness the test - Amy Doebele.</p>		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> March 08, 2016		
<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> 3/7/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Amy Doebele Date 3/3/16 Time 2:02 am pm  
Test Conducted by: Michael Jensen  
Others Present: Jeremy Price

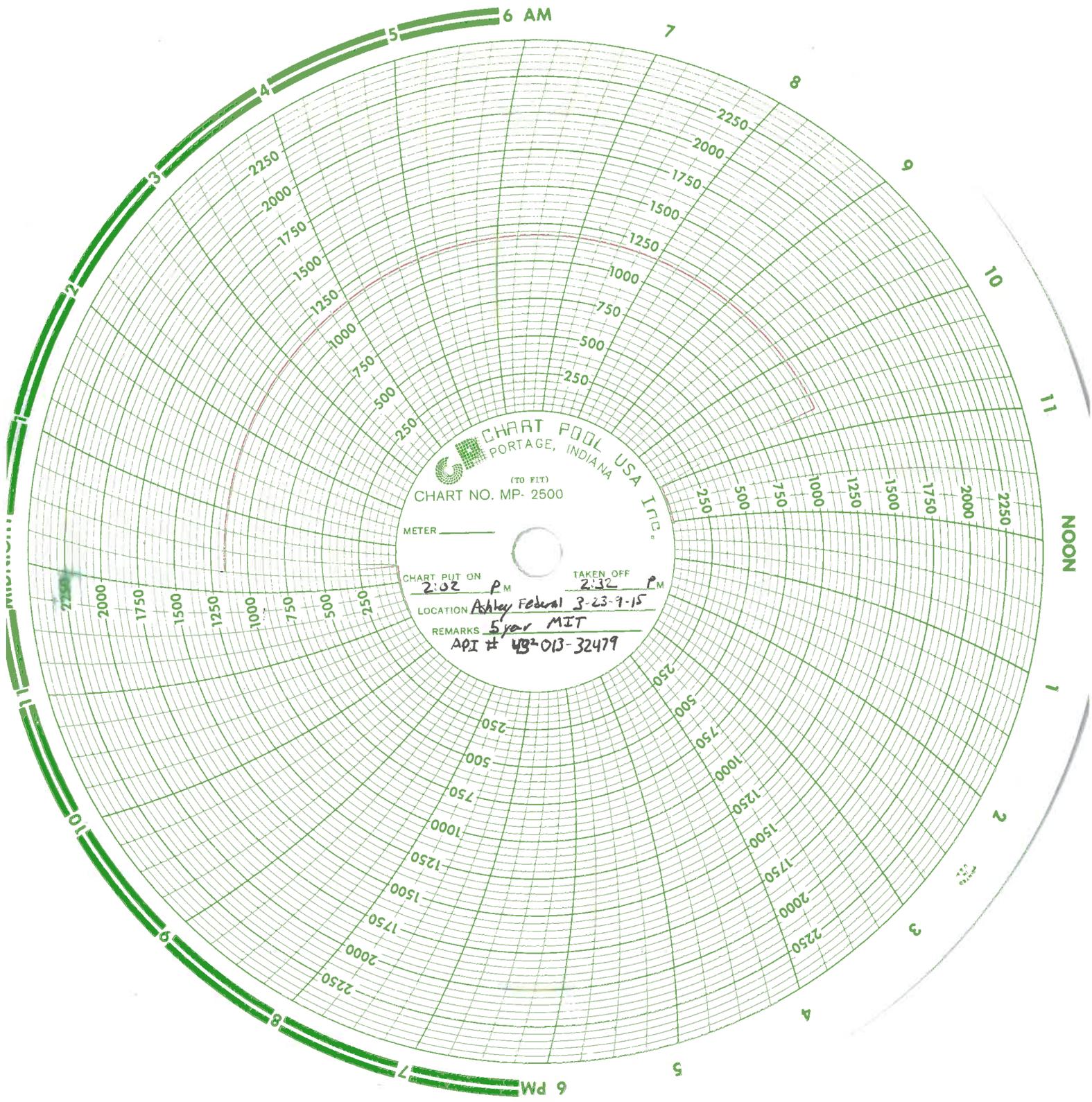
Well: Ashley Federal 3-23-9-15 Field: Monument Butte  
Well Location: NE/NW sec. 23, T9S, R15E API No: 43-013-32479

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1160</u>	psig
5	<u>1165</u>	psig
10	<u>1165</u>	psig
15	<u>1175</u>	psig
20	<u>1175</u>	psig
25	<u>1175</u>	psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1745 psig

Result: Pass Fail

Signature of Witness: Amy Doebele  
Signature of Person Conducting Test: Michael Jensen



**CHART POOL USA INC.**  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500  
METER \_\_\_\_\_

CHART PUT ON 2:02 P.M. TAKEN OFF 2:32 P.M.  
LOCATION Ashley Federal 3-23-9-15  
REMARKS 5 yr MIT  
API # 432013-32479