



March 26, 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 13-15-9-15 and 14-15-9-15 .

Dear Diana:

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

Sincerely,

Mandie Crozier  
Permit Clerk

mc  
enclosures

RECEIVED

MAR 27 2003

DIV OF OIL, GAS & MINING

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

001

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>				5. LEASE DESIGNATION AND SERIAL NO. <b>U-68548</b>
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				7. UNIT AGREEMENT NAME <b>N/A</b>
2. NAME OF OPERATOR <b>Inland Production Company</b>				8. FARM OR LEASE NAME WELL NO. <b>Ashley Federal #14-15-9-15</b>
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721</b>				9. API WELL NO. <b>43-013-32440</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SE/SW 465' FSL 1409' FWL 4430602 Y 40.02489</b> At proposed Prod. Zone <b>566626 X -110.21921</b>				10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 16.6 miles southwest of Myton, Utah</b>				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/SW Sec. 15, T9S, R15E</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 855' f/lse line &amp; 1409' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>711.22</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1000'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6391' GR</b>			22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2003</b>	
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

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

The Conditions of Approval are also attached.

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MAR 27 2003

DIV. OF OIL, GAS & MINING

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

24. SIGNED *Mandi Coyne* TITLE Permit Clerk DATE 3/26/03  
(This space for Federal or State office use)

PERMIT NO. 43-013-32440 APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title to the lands in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:  
**Federal Approval of this Action is Necessary**  
APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL DATE 04-16-03  
**ENVIRONMENTAL SCIENTIST III**

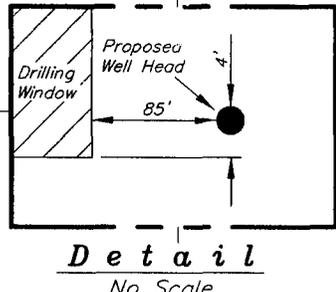
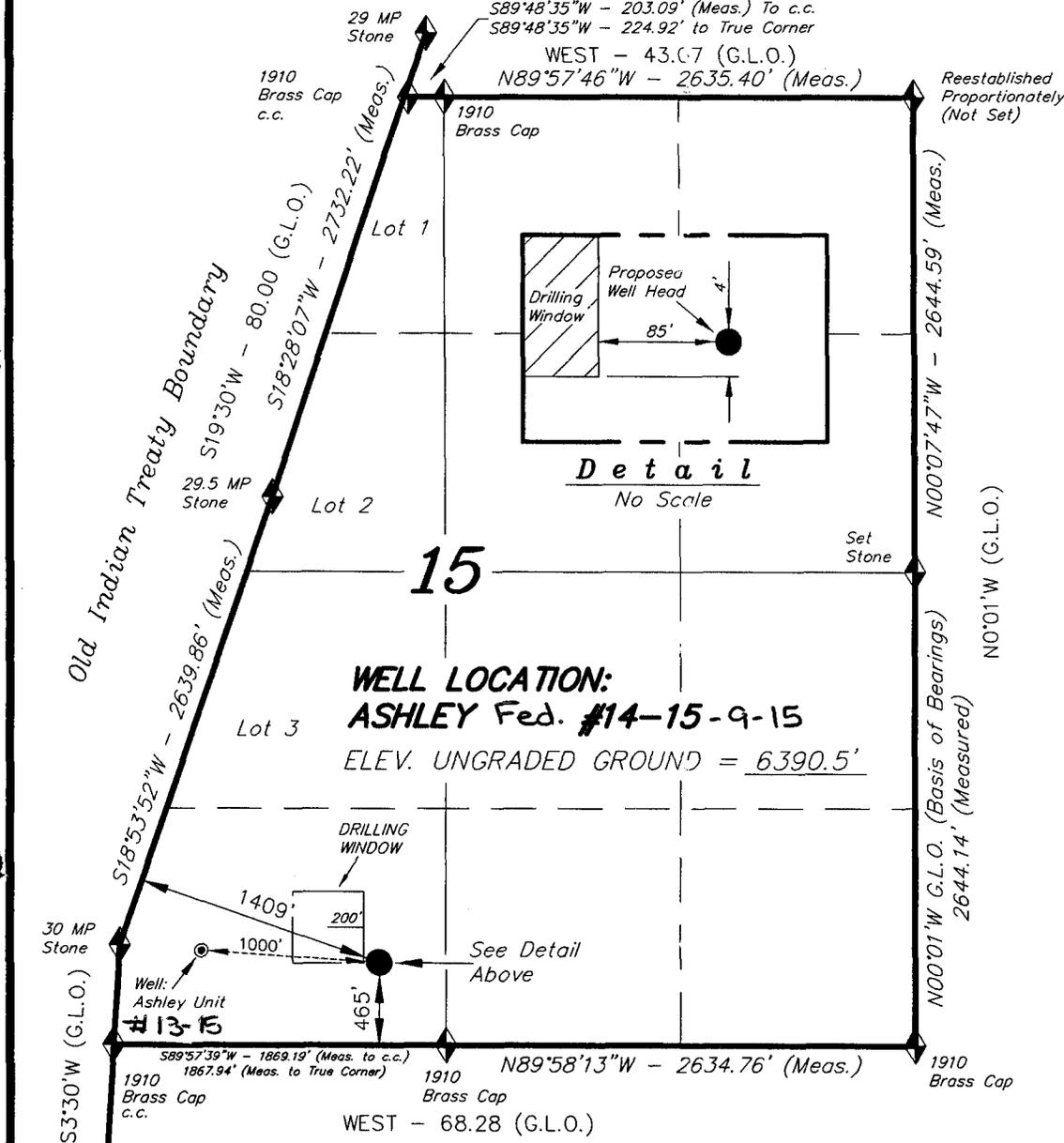
\*See Instructions On Reverse Side

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

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

## INLAND PRODUCTION COMPANY

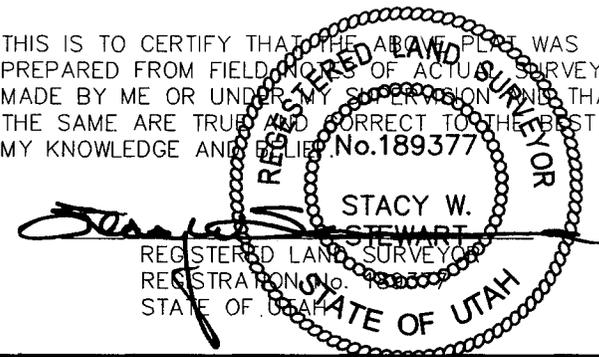
WELL LOCATION, ASHLEY Fed. #14-15-9-15  
 LOCATED AS SHOWN IN SE/SW OF  
 SECTION 15, T9S, R15E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



**NOTES:**  
 Well footages are measured at right angles to the Section Lines.



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 11-15-02	DRAWN BY: J.R.S.
NOTES:	FILE #

Well No.: Ashley Federal 14-15-9-15

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 14-15-9-15

API Number:

Lease Number: U-68548

Location: SE/SW Sec. 15, T9S R15E

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

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

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

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

**LOCATION AND RESERVE PIT RECLAMATION**

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

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

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

Black Sage	<i>Artemisia nova</i>	4 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	4 lbs/acre
Bluebunch wheatgrass	<i>Agropyron spicatum</i>	4 lbs/acre

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

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

**PIPELINES**

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

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

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

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #14-15-9-15  
SE/SW SECTION 15, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	1640'
Wasatch	6500'

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

Green River Formation 1640' - 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #14-15-9-15  
SE/SW SECTION 15, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal # 14-15-9-15 located in the SE 1/4 SW 1/4 Section 15, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 9.5 miles  $\pm$  to it's junction with an existing road to the west; proceed southwesterly - 2.0 miles  $\pm$  to it's junction with the beginning of two track road to be upgraded; proceed southwesterly - 1.7 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road 255'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Ashley Federal #14-15-9-15 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the Ashley Federal #14-15-9-15 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

**Water Disposal**

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

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

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

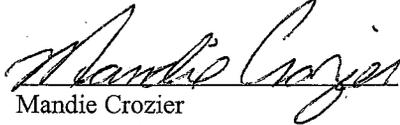
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #14-15-9-15 SE/SW Section 15, Township 9S, Range 15E: Lease U-68548 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond 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.

3/26/03

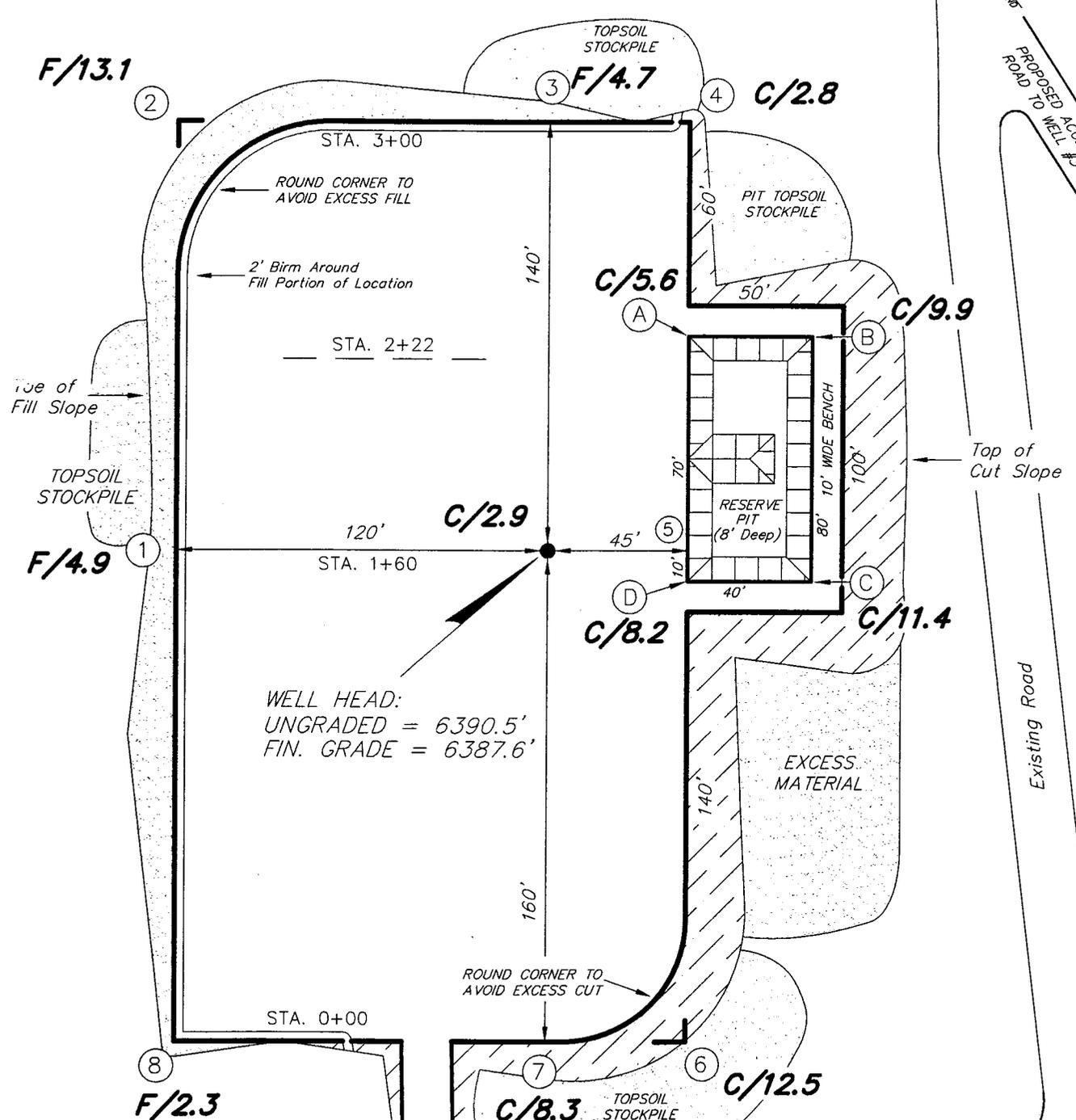
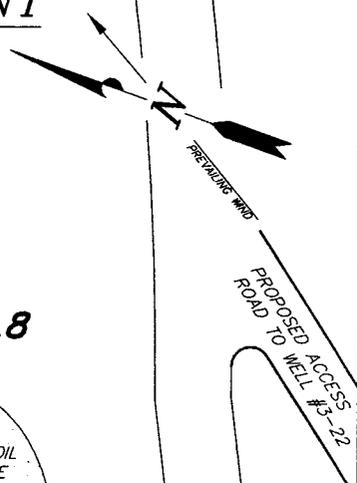
Date

  
Mandie Crozier

Permit Clerk

# INLAND PRODUCTION COMPANY

ASHLEY Fed. #14-15  
SEC.15, T9S, R15E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 6390.5'  
FIN. GRADE = 6387.6'

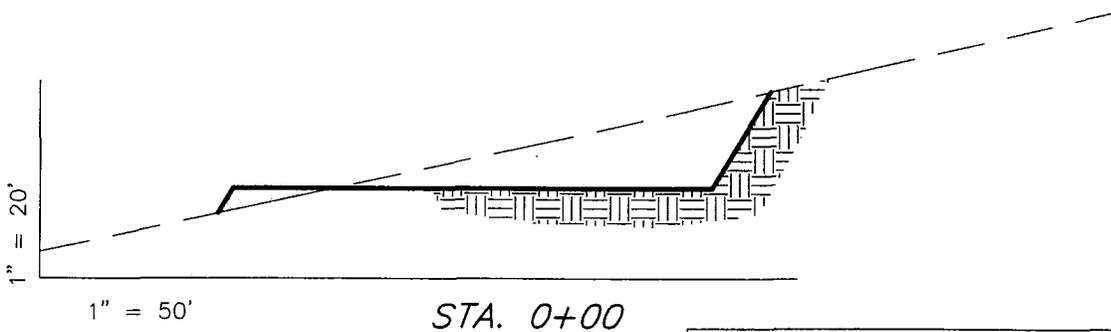
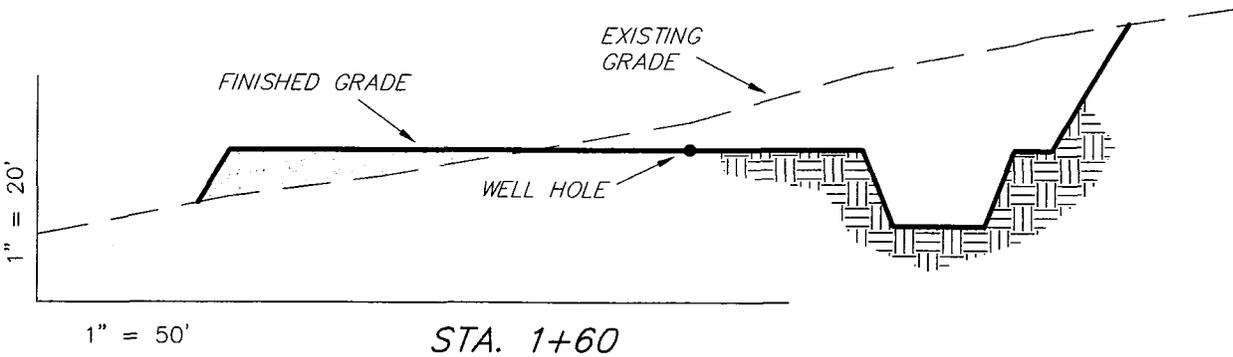
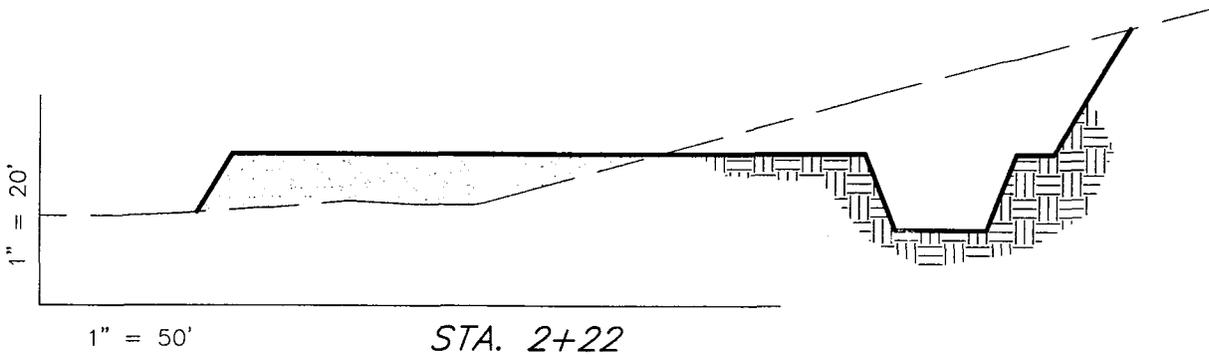
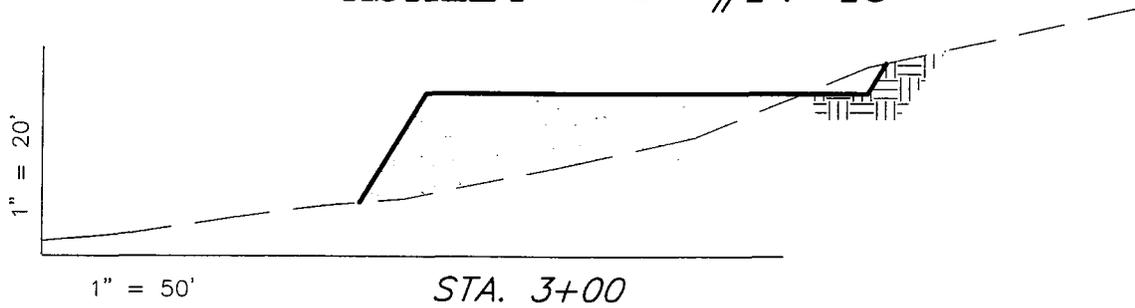
REFERENCE POINTS	
170' NORTH	= 6378.7'
220' NORTH	= 6372.9'
190' EAST	= 6384.6'
240' EAST	= 6390.2'

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 11-15-02

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

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**

**ASHLEY Fed. #14-15**



ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,850	5,850	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	6,490	5,850	1,010	640

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

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

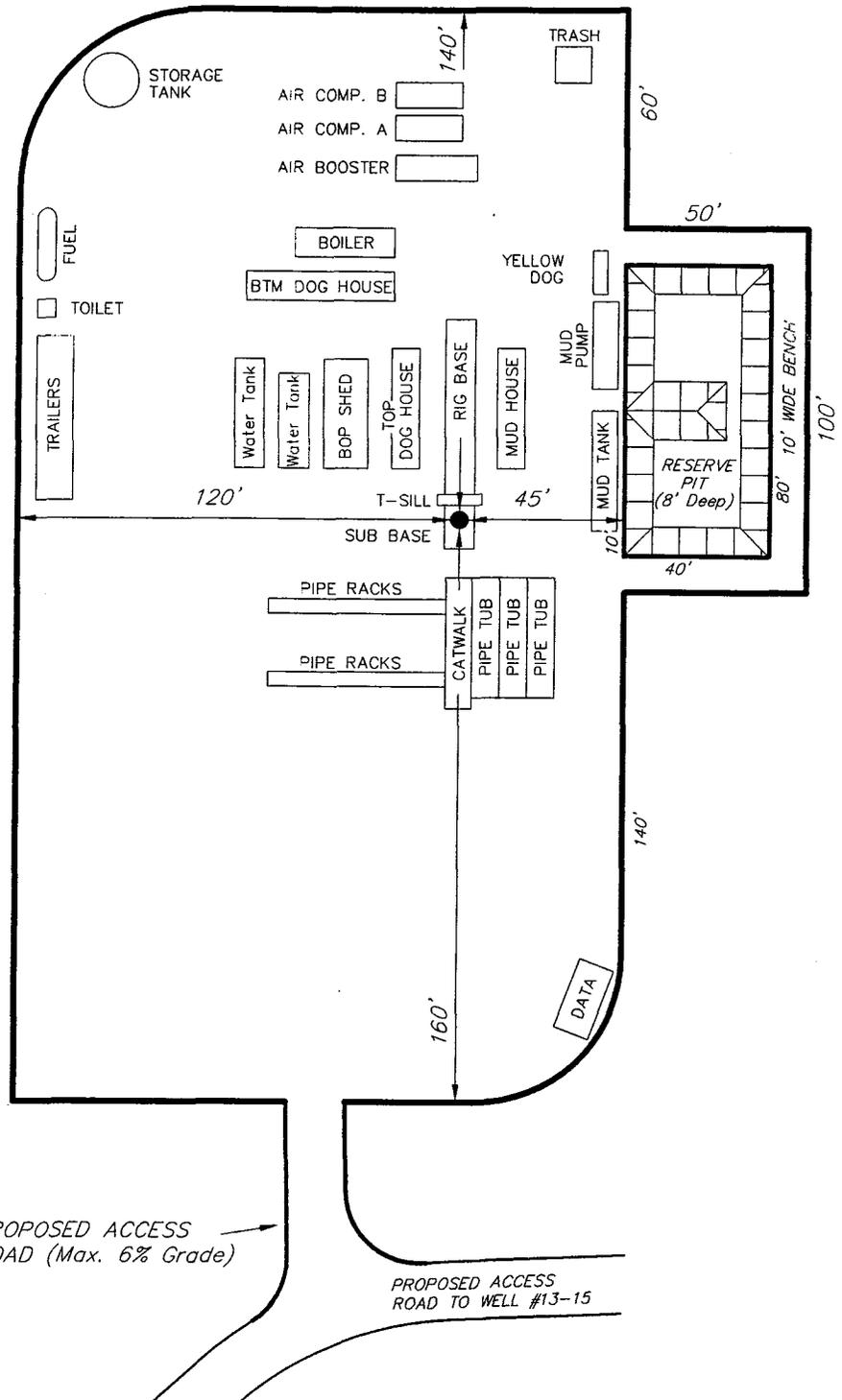
DATE: 11-15-02

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

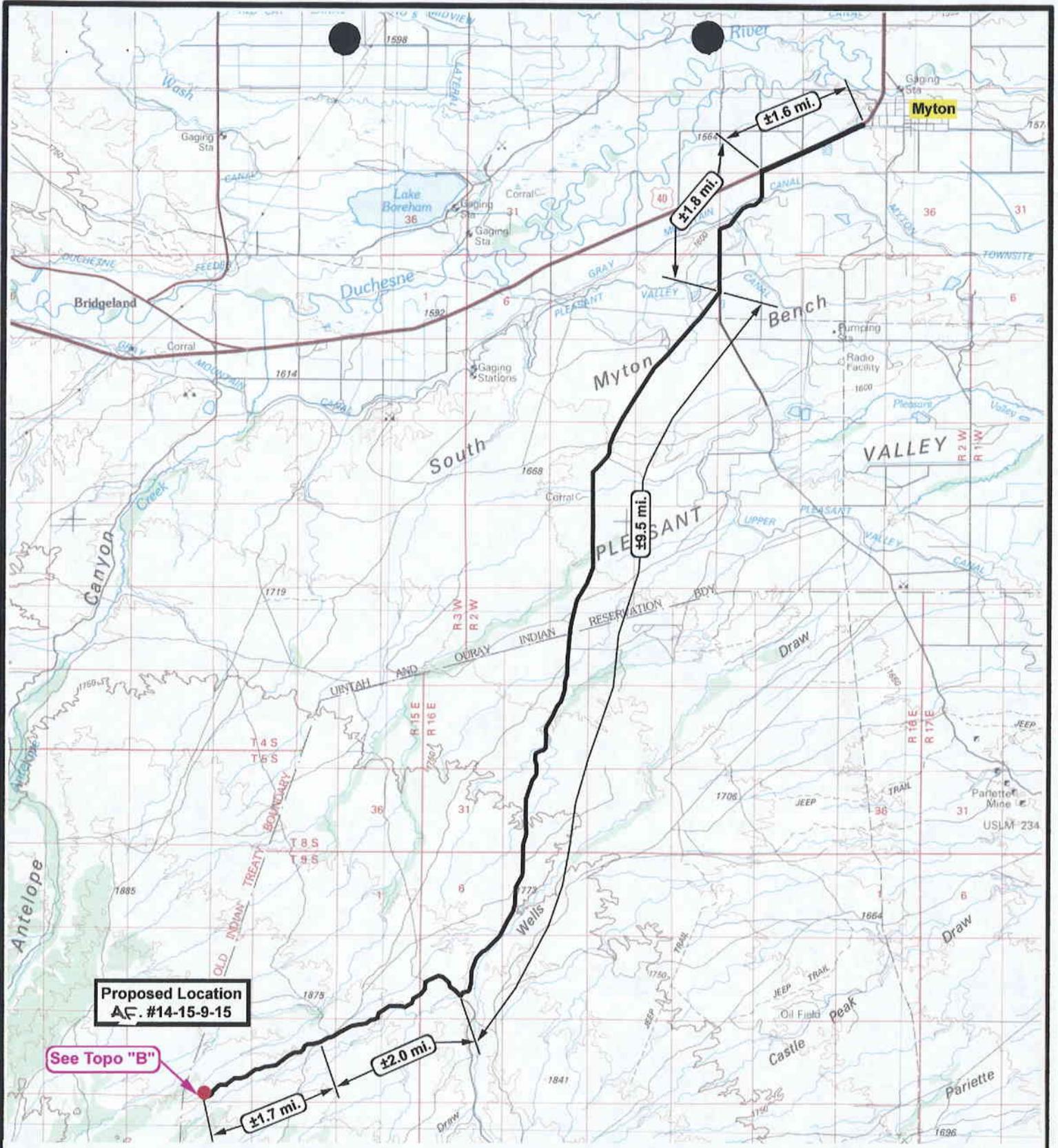
# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY Fed. #14-15



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: J.R.S.	DATE: 11-15-02		



**Proposed Location**  
**AF. #14-15-9-15**

See Topo "B"



**Ashley Fed. #14-15-9-15**  
**SEC. 15, T9S, R15E, S.L.B.&M.**



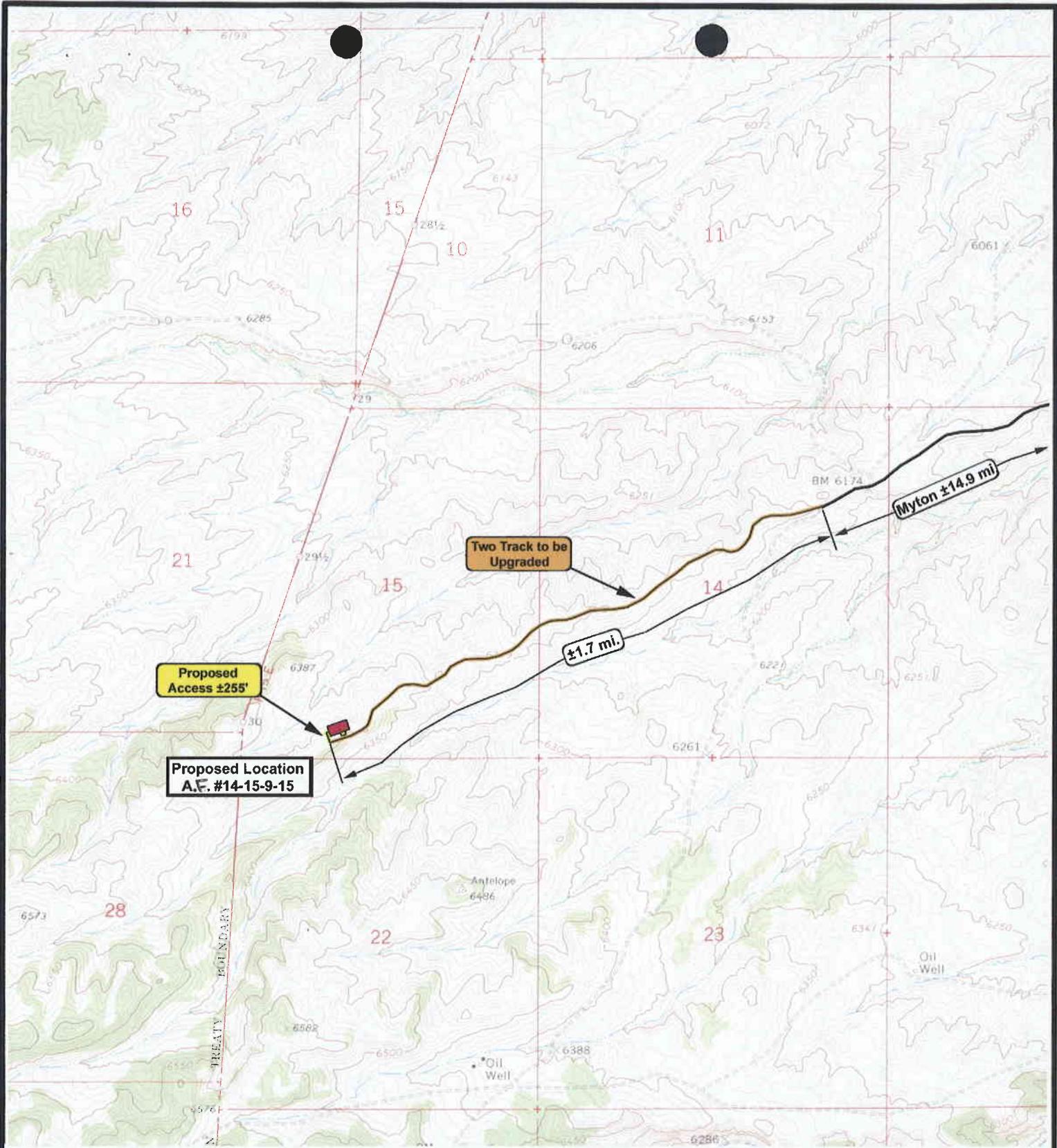
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: R.A.B.  
 DATE: 11-15-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Ashley Fed. #14-15-9-15  
SEC. 15, T9S, R15E, S.L.B.&M.**



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

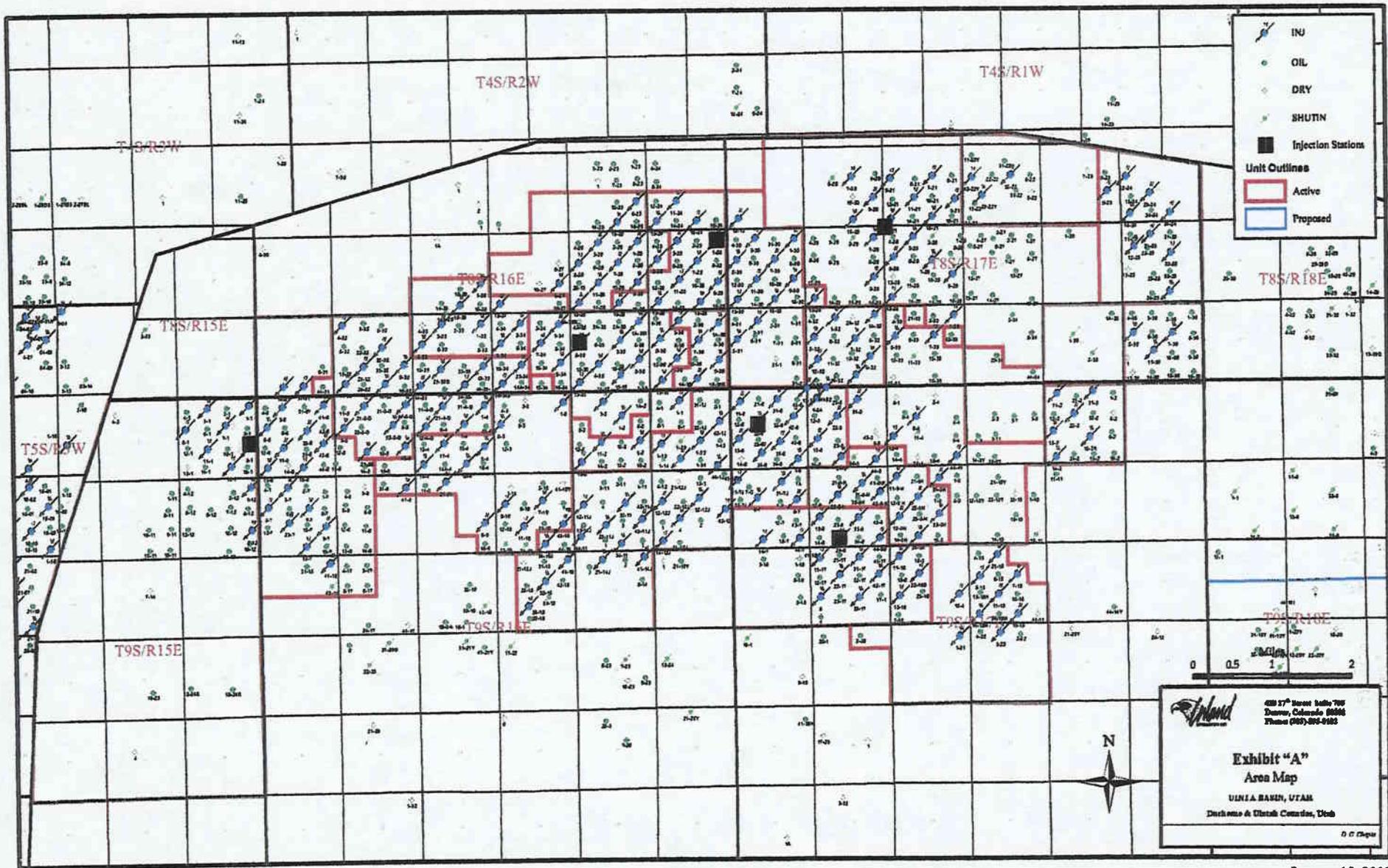
SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 11-15-2002

Legend	
	Existing Road
	Proposed Access
	Upgraded Access

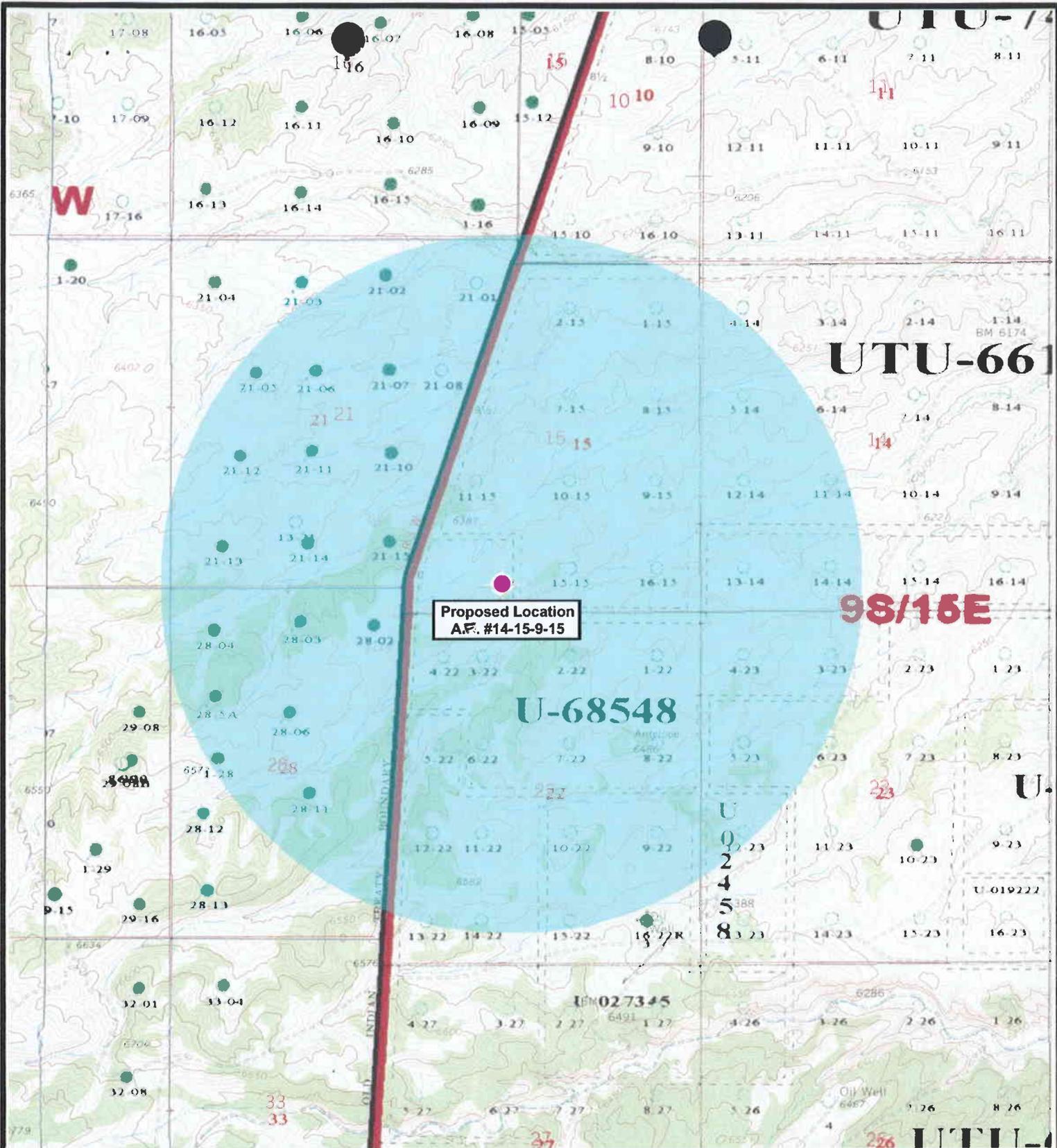
TOPOGRAPHIC MAP

**"B"**





January 15, 2003



Proposed Location  
A.F. #14-15-9-15

U-68548

98/15E



Ashley Fed. #14-15-9-15  
SEC. 15, T9S, R15E, S.L.B.&M.



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

SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 11-15-2002

Legend

- Proposed Location
- One-Mile Radius

Exhibit "B"

# 2-M SYSTEM

Blowout Prevention Equipment Systems

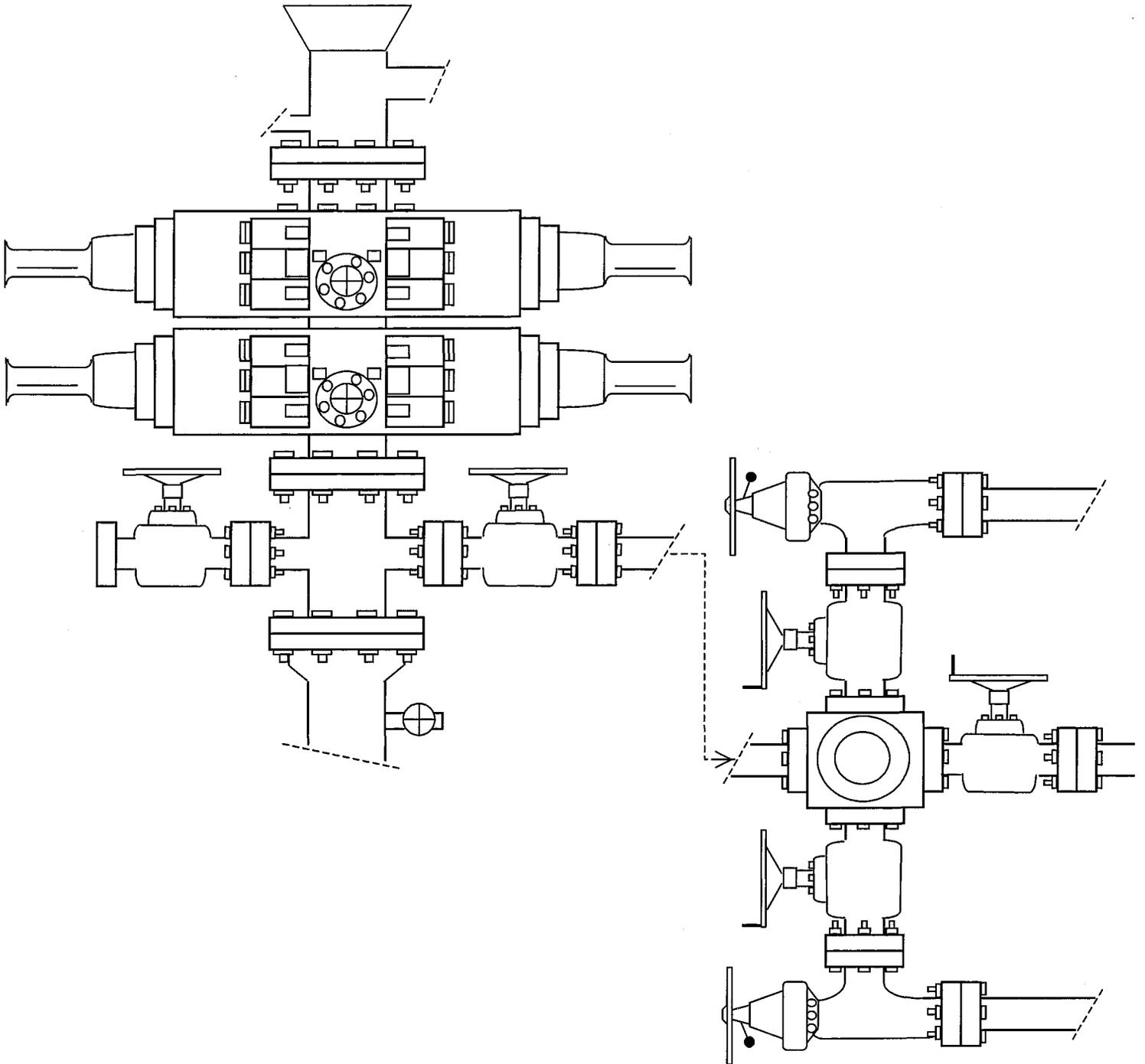


EXHIBIT C

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/27/2003

API NO. ASSIGNED: 43-013-32440

WELL NAME: ASHLEY FED 14-15-9-15  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
SESW 15 090S 150E  
SURFACE: 0465 FSL 1409 FWL  
BOTTOM: 0465 FSL 1409 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: 40.02489  
LONGITUDE: 110.21921

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 \_\_\_\_\_

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

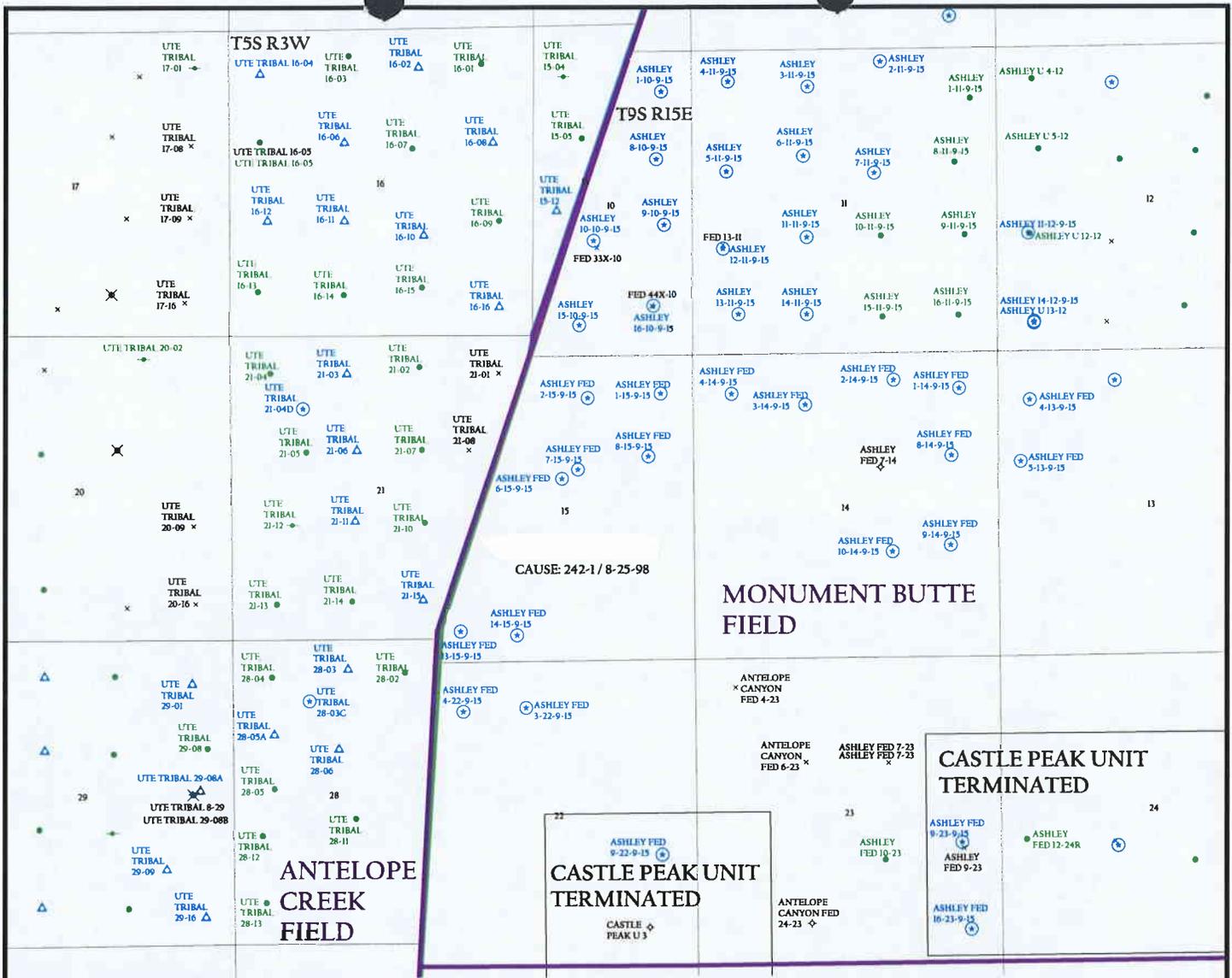
\_\_\_ R649-3-3. Exception

Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-98  
Siting: Suspends General Siting

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

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1- Federal approval



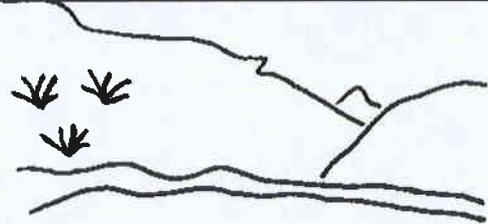
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 15 T9S, R15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-98



Utah Oil Gas and Mining

WELLS

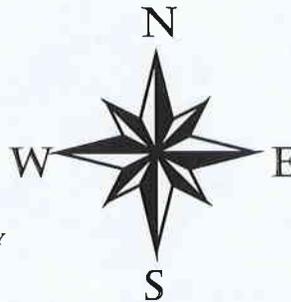
- ⤴ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⬠ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

UNIT STATUS

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

FIELD STATUS

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



PREPARED BY: DIANA MASON  
DATE: 28-MARCH-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

April 16, 2003

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

Re: Ashley Federal 14-15-9-15 Well, 465' FSL, 1409' FWL, SE SW, Sec. 15, T. 9 South,  
R. 15 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32440.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

for 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 14-15-9-15  
**API Number:** 43-013-32440  
**Lease:** U-68548

**Location:** SE SW                      **Sec.** 15                      **T.** 9 South                      **R.** 15 East

**Conditions of Approval**

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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



May 16, 2003

Ms. Lisha Cordova  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114

RE: Application for Location Exception  
Ashley Federal #14-15-9-15  
T9S, R15E, S.L.M.  
Section 15: Lot 4 (S/2 SW/4) 465' FSL and 1409' FWL  
Duchesne County, Utah

Dear Ms. Cordova:

Inland Production Company hereby requests administrative approval for a location exception to Rule R649-3-2 governing the location of wells.

Said Rule states that every well should be in the center of the 40-acre quarter/quarter section with a 200-foot tolerance. The captioned well is proposed to be drilled approximately 85' outside of the prescribed 400 foot window due to the placement of the Ashley Federal #13-15-9-15 in what would ordinarily be Lot 4. In this particular case, Lot 4 has been combined with the SE/4 SW/4 into a 53.42 acre lot.

Inasmuch as the proposed well remains more than 460' from the lease boundary as shown on the attached plat, only Inland Production Company is affected according to the above rule.

Please contact Mr. Gary Alsobrook if you have any questions.

Sincerely yours,

**INLAND PRODUCTION COMPANY**

  
Jeff Pandrich  
Manager of Land

CC: Ms. Pat Sutton  
Bureau of Land Management  
170 South 500 East  
Vernal Utah 84078-2799

RECEIVED  
MAY 21 2003  
DIV. OF OIL, GAS & MINING

FORM 3160-3  
(December 1990)

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-68548	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR Inland Production Company		8. FARM OR LEASE NAME WELL NO. Ashley Federal #14-15-9-15	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		9. API WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface SE/SW 465' FSL 1409' FWL At proposed Prod. Zone		10. FIELD AND POOL OR WILDCAT Monument Butte	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 16.6 miles southwest of Myton, Utah		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SW Sec. 15, T9S, R15E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also m) Approx. 855' f/lease line & 1409' f/unit line	16. NO. OF ACRES IN LEASE 711.22	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1000'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6391' GR		22. APPROX. DATE WORK WILL START* 3rd Quarter 2003	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			
QUANTITY OF CEMENT			

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

The Conditions of Approval are also attached.

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

24. SIGNED [Signature] TITLE Permit Clerk DATE 3/26/03  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title in those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions On Reverse Side

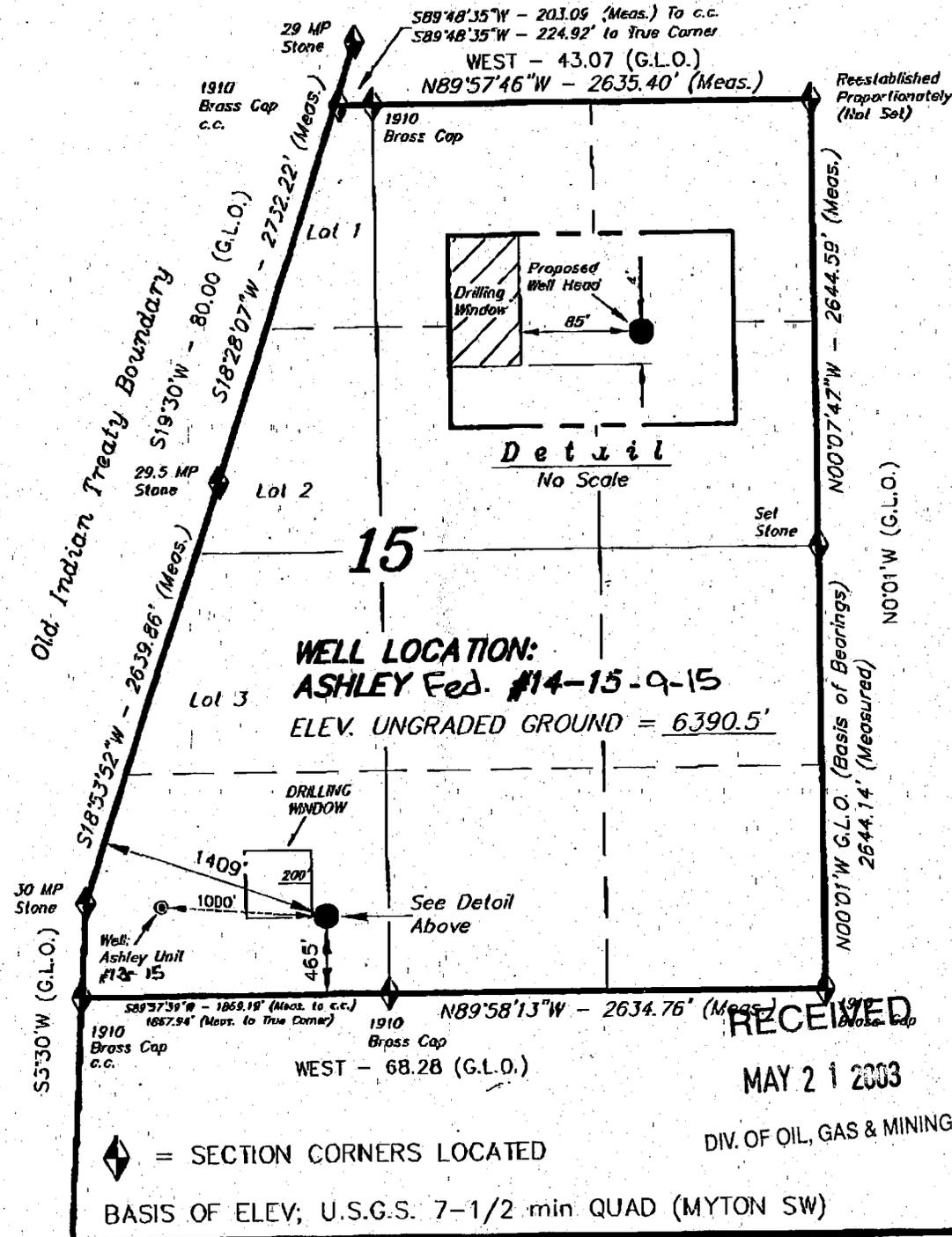
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
MAY 21 2003  
DIV. OF OIL, GAS & MINING

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

## INLAND PRODUCTION COMPANY

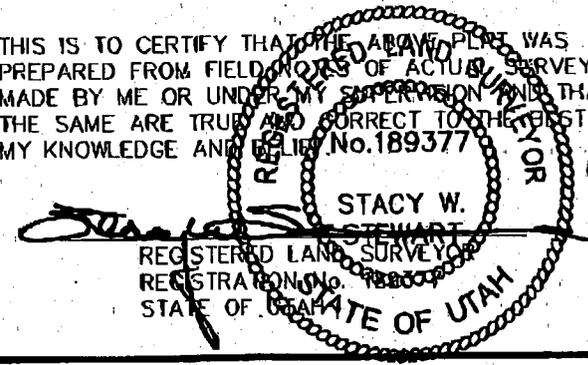
WELL LOCATION, ASHLEY Fed. #14-15-9-15  
 LOCATED AS SHOWN IN SE/SW OF  
 SECTION 15, T9S, R15E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



**NOTES:**  
 Well footages are measured at right angles to the Section Lines.



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



**RECEIVED**  
**MAY 21 2003**

DIV. OF OIL, GAS & MINING

◆ = 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>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078	
(435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 11-15-02	DRAWN BY: J.R.S.
NOTES:	FILE #

005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL  DEEPEN   
 1b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.  
U-68548  
 6. IF INDIAN ALLOTTEE OR TRIBE NAME  
N/A  
 7. UNIT AGREEMENT NAME  
N/A  
 8. FARM OR LEASE NAME WELL NO  
Ashley Federal #14-15-9-15  
 9. API WELL NO  
43-013-32440  
 10. FIELD AND POOL OR WILDCAT  
Monument Butte  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SE/SW  
Sec. 15, T9S, R15E  
 12. County  
Duchesne  
 13. STATE  
UT

2. NAME OF OPERATOR  
Inland Production Company  
 3. ADDRESS OF OPERATOR  
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At Surface SE/SW 465' FSL 1409' FWL  
 At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 16.6 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)  
 Approx. 855' f/lse line & 1409' f/unit line  
 16. NO. OF ACRES IN LEASE  
711.22  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
 Approx. 1000'  
 19. PROPOSED DEPTH  
6500'  
 20. ROTARY OR CABLE TOOLS  
Rotary

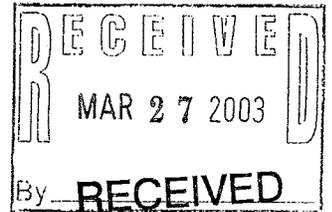
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6391' GR  
 22. APPROX. DATE WORK WILL START\*  
3rd Quarter 2003

23. PROPOSED CASING AND CEMENTING PROGRAM ???

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

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

The Conditions of Approval are also attached.



JAN 22 2004

DIV. OF OIL, GAS & MINING

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

24. SIGNED Wanda Lopez TITLE Permit Clerk DATE 3/24/03

NOTICE OF APPROVAL

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Edna L. Brown TITLE Assistant Field Manager Mineral Resources DATE 1/20/04

\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

43-013-32440

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

Well Name & Number: Ashley 14-15-9-15

API Number 43-013-32440

Lease Number: U-68548

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

Agreement: Ashley Unit

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

**CONDITIONS OF APPROVAL**

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

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

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

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

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

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)

465 FSL 1409 FWL SE/SW Section 15, T9S R15E

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 14-15-9-15

9. API Well No.

43-013-32440

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Permit Extension

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/16/03 (expiration 4/16/04).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 04-13-04  
By: *[Signature]*

RECEIVED

APR 12 2004

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 4-14-04  
Initials: *[Signature]*

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

Signed Mandie Crozier Title Regulatory Specialist Date 4/8/2004  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-32440  
**Well Name:** Ashley Federal 14-15-9-15  
**Location:** SE/SW Section 15, T9S R15E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 4/16/2003

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

Mandi Crozier  
Signature

4/8/2004

Date

Title: Regulatory Specialist

Representing: Inland Production Company

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: ASHLEY FED 14-15-9-15Api No: 43-013-32440 Lease Type: FEDERALSection 15 Township 09S Range 15E County DUCHESNEDrilling Contractor ROSS DRILLING RIG # 15**SPUDDED:**Date 08/23/04Time 8:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-823-7468Date 08/24/2004 Signed CHD



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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14032	12419	43-013-32406	Ashley Federal 8-15-9-15	SE/NE	15	9S	15E	Duchesne		7/1/2004
WELL 1 COMMENTS: <i>GRRV</i> <span style="float: right;">9/15/04 K</span>											
C	14283	12419	43-013-32440	Ashley Federal 14-15-9-15	SE/SW	15	9S	15E	Duchesne		7/1/2004
WELL 2 COMMENTS: <i>GRRV</i> <span style="float: right;">9/15/04 K</span>											
C	14227	12419	43-013-32441	Ashley Federal 13-15-9-15	SW/SW	15	9S	15E	Duchesne		7/1/2004
WELL 3 COMMENTS: <i>GRRV</i> <span style="float: right;">9/15/04 K</span>											
C	14239	12419	43-013-32472	Ashley Federal 11-15-9-15	NE/SW	15	9S	15E	Duchesne		7/1/2004
WELL 4 COMMENTS: <i>GRRV</i> <span style="float: right;">9/15/04 K</span>											
C	14274	12419	43-013-32428	Ashley Federal 4-22-9-15	NW/NW	22	9S	15E	Duchesne		7/1/2004
WELL 5 COMMENTS: <i>GRRV</i> <span style="float: right;">9/15/04 K</span>											

RECEIVED

SEP 15 2004

DIV. OF OIL, GAS & MINING

- ACTION CODES (See instructions on back of form)
- A - Establish new entry 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.

*Kebble S. Jones*  
 Signature Kebble S. Jones  
 Production Clerk September 14, 2004  
 Title Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

011

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side		5. Lease Serial No. UTU68548
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator Inland Production Company		7. If Unit or CA/Agreement, Name and/or No. ASHLEY PA A
3a. Address    Route 3 Box 3630 Myton, UT 84052		8. Well Name and No. ASHLEY FEDERAL 14-15-9-15
3b. Phone No. (include are code) 435.646.3721		9. API Well No. 4301332440
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 465 FSL 1409 FWL SE/SW    Section 15 T9S R15E		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 9-06-04 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,030'. 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 @ 6020' / KB. Cement with 285 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 375 sks cement mixed @ 14.4 ppg & 1.24 yld. With 8 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 80,000 #s tension. Release rig 12:30 am on 9-12-04.

**RECEIVED**  
**SEP 16 2004**  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Pat Wisener	Title Drilling Foreman
Signature <i>Pat Wisener</i>	Date 9/13/2004

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)

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6020.12

LAST CASING 8 5/8" SET AT 305'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6030' LOGGER 6025  
 HOLE SIZE 7 7/8"

Flt clr @ 6005'  
 OPERATOR Inland Production Company  
 WELL Ashley 14-15-9-15  
 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>36' @ 4034'</b>					
133	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	5993.67
		Float collar					0.6
1	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	13.2
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		6022.12
TOTAL LENGTH OF STRING			6022.12	134	LESS CUT OFF PIECE		14
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			89.92	2	CASING SET DEPTH		<b>6020.12</b>
TOTAL			<b>6096.79</b>	136	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			6096.79	136			
TIMING			1st STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>YES</u>		
BEGIN RUN CSG.			2:00pm		Bbls CMT CIRC TO SURFACE <u>8 BBLs</u>		
CSG. IN HOLE			5:30pm		RECIPROCATED PIPE I N/A <u>THRUSTROKE</u>		
BEGIN CIRC			5:31pm		DID BACK PRES. VALVE HOLD ? <u>Yes</u>		
BEGIN PUMP CMT			6:38pm		BUMPED PLUG TO <u>2045</u> PSI		
BEGIN DSPL. CMT			7:30pm				
PLUG DOWN			<b>7:57pm</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	285	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake + 5#BLSF					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
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 Justin Crum DATE 9/11/2004



# 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

NEWFIELD



RECEIVED

NOV 19 2004

DIV. OF OIL, GAS & MINING

November 9, 2004

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

Attn: Ms. Carol Daniels

Federal 11-11-9-17 (43-047-35159)  
Uintah County, Utah  
Federal 5-11-9-17 (43-047-32486)  
Uintah County, Utah  
Walker Sand Pass (43-013-31069)  
Duchesne County, Utah  
Beluga 11-7-9-17 (43-013-32284)  
Duchesne County, Utah  
Ashley Fed. 14-15-9-15 (43-013-32440)  
Duchesne County, Utah

Dear Ms. Carol Daniels

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

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

Sincerely,

Brian Harris  
Engineering Tech

Enclosures

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

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Marnie Bryson/Roosevelt

012

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other

2. NAME OF OPERATOR

NEWFIELD PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 465' FSL & 1409' FWL (SE SW) Sec. 15, Twp 9S, Rng 15E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32440

DATE ISSUED

4/16/2003

15. DATE SPUDDED

8/23/2004

16. DATE T.D. REACHED

9/11/2004

17. DATE COMPL. (Ready to prod.)

10/6/2004

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

6391' GL

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

19. ELEV. CASINGHEAD

6403' KB

20. TOTAL DEPTH, MD & TVD

6030'

21. PLUG BACK T.D., MD & TVD

6005'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4684'-5614'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	305'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6020'	7-7/8"	285 sx Premlite II and 375 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5685'	5583'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	AMOUNT AND KIND OF MATERIAL USED
(CP Stray, 1) 5559'-63', 5606'-14'	.41"	4/48	5559'-5614'		Frac w/ 40,404# 20/40 sand in 390 bbls fluid.
(A1,3) 5084-98', 5105-17'	.41"	4/104	5084'-5117'		Frac w/ 135,492# 20/40 sand in 928 bbls fluid.
(C-sd) 4830'-4838'	.41"	4/32	4830'-4838'		Left un-fraced
(D1,2) 4684-94', 4710-19'	.41"	4/76	4684'-4719'		Frac w/ 81,058# 20/40 sand in 591 bbls fluid.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
10/6/2004	2-1/2" x 1-1/2" x 15' RHAC Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	128	186	16	1453
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

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

*Brian Harris*

TITLE

Engineering Technician

DATE

11/9/2004

Brian Harris

BDH

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS
				TOP
				MEAS. DEPTH
				TRUE VERT. DEPTH
			<p style="text-align: center;">Well Name Ashley Federal 14-15-9-15</p>	<p>Garden Gulch Mkr 3629'</p> <p>Garden Gulch 1 3880'</p> <p>Garden Gulch 2 3984'</p> <p>Point 3 Mkr 4234'</p> <p>X Mkr 4504'</p> <p>Y-Mkr 4540'</p> <p>Douglas Creek Mkr 4647'</p> <p>BiCarbonate Mkr 4988'</p> <p>B Limestone Mkr 5574'</p> <p>Castle Peak 6000'</p> <p>Basal Carbonate 6030'</p> <p>Total Depth (LOGGERS)</p>

**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:

**9/1/2004**

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

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 16-20-8-16	20	080S	160E	4301332474		Federal	OW	APD	K
FEDERAL 9-24-8-16	24	080S	160E	4301332359		Federal	OW	APD	K
FENCELINE FED 8-24-8-16	24	080S	160E	4301332360		Federal	OW	APD	K
FENCELINE FED 7-24-8-16	24	080S	160E	4301332361	14399	Federal	OW	DRL	K
FENCELINE FED 6-24-8-16	24	080S	160E	4301332362		Federal	OW	APD	K
FENCELINE FED 3-24-8-16	24	080S	160E	4301332363		Federal	OW	DRL	K
FENCELINE FED 2-24-8-16	24	080S	160E	4301332364		Federal	OW	APD	K
FENCELINE FED 1-24-8-16	24	080S	160E	4301332365		Federal	OW	APD	K
FEDERAL 10-24-8-16	24	080S	160E	4301332366		Federal	OW	APD	K
FEDERAL 13-29-8-16	29	080S	160E	4301332450		Federal	OW	APD	K
FEDERAL 16-30-8-16	30	080S	160E	4301332451		Federal	OW	APD	K
FENCE LINE FED 3-19-8-17	19	080S	170E	4301332370		Federal	OW	APD	K
FENCE LINE FED 4-19-8-17	19	080S	170E	4301332371		Federal	OW	APD	K
FENCE LINE FED 5-19-8-17	19	080S	170E	4301332372	14125	Federal	OW	P	K
FENCE LINE FED 6-19-8-17	19	080S	170E	4301332373	14529	Federal	OW	DRL	K
ASHLEY ST 1-2-9-15	02	090S	150E	4301332436		State	OW	APD	K
ASHLEY ST 8-2-9-15	02	090S	150E	4301332437		State	OW	APD	K
ASHLEY FED 14-15-9-15	15	090S	150E	4301332440	12419	Federal	OW	P	K
GB FED 10-3-9-17	03	090S	170E	4301332184	12391	Federal	OW	P	
FEDERAL 5-11-9-17	11	090S	170E	4301332486	14285	Federal	OW	P	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



July 13, 2010

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 #14-15-9-15  
Monument Butte Field, Lease #UTU-68548  
Section 15-Township 9S-Range 15E  
Duchesne County, Utah

**RECEIVED**  
**JUL 26 2010**

Dear Mr. Jarvis:

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

Newfield Production Company herein requests approval to convert the Ashley Federal #14-15-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping horizontal line extending to the right.

Eric Sundberg  
Regulatory Lead

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #14-15-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-68548**  
**JULY 13, 2010**

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# Ashley Federal #14-15-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

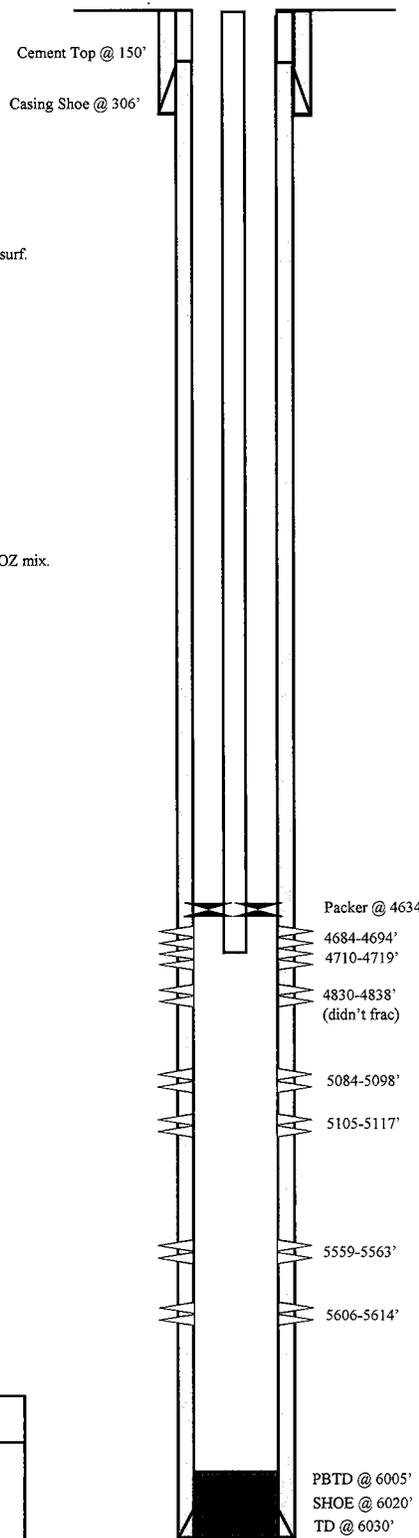
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (295.84')  
 DEPTH LANDED: 305.84' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

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

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 171 jts (5571.00')  
 TUBING ANCHOR: 5583.00' KB  
 NO. OF JOINTS: 1 jt (32.58')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5618.38' KB  
 NO. OF JOINTS: 2 jts (65.16')  
 TOTAL STRING LENGTH: EOT @ 5685.09' w/ 12' KB



### FRAC JOB

09/30/04	5559-5614'	<b>Frac CP1 and CP stray sands as follows:</b> 40,404# 20/40 sand in 390 bbls lightning Frac 17 fluid. Treated @ avg press of 1975 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 5557 gal. Actual flush: 5552 gal.
10/01/04	5084-5117'	<b>Frac A1, A3 sands as follows:</b> 135,492# 20/40 sand in 928 bbls lightning Frac 17 fluid. Treated @ avg press of 2040 psi w/avg rate of 30.9 BPM. ISIP 2500 psi. Calc flush: 5082 gal. Actual flush: 5082 gal.
09/27/04	4684-4719'	<b>Frac D1 and D2 sands as follows:</b> 81,058# 20/40 sand in 591 bbls lightning Frac 17 fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 4682 gal. Actual flush: 4599 gal.

### PERFORATION RECORD

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

**NEWFIELD**

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

465° FSL 1409' FWL  
 SE/SW Section 15-T9S-R15E  
 Duchesne Co., Utah  
 API# 43-013-32440; Lease # UTU-68548

## **WORK PROCEDURE FOR INJECTION CONVERSION**

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

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

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

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

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

Approval is requested to convert the Ashley Federal #14-15-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
  
  - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  
  - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #14-15-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3983' - 6005'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3635' and the TD is at 6030'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #14-15-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-68548) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 306' KB, and 5-1/2", 15.5# casing run from surface to 6020' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1944 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 #14-15-9-15, for existing perforations (4684' - 5614') calculates at 0.79 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 1944 psig. We may add additional perforations between 3635' and 6030'. 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 #14-15-9-15, the proposed injection zone (3983' - 6005') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-15.

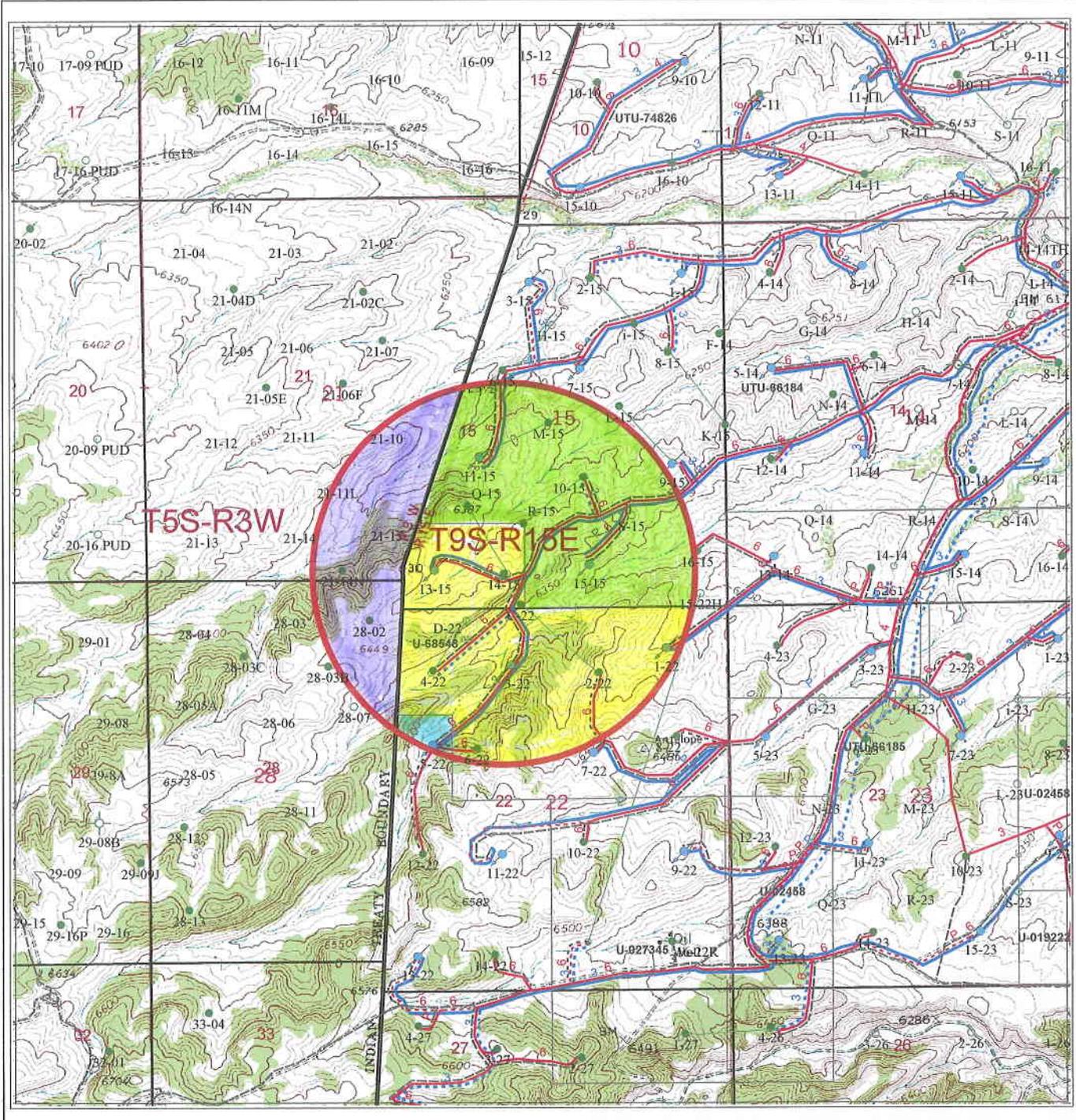
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



- 14-15-9-15 1/2mile radius
- Well Status**
- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Countyline
- Injection system**
- high pressure
- low pressure
- proposed
- return
- return proposed
- Leases
- Mining tracts
- Gas Pipelines**
- Gathering lines
- Proposed lines

UTU-68548

UTU-66184

UTU-66185

BIA

# ATTACHMENT A

Ashley Federal 14-15-9-15  
Section 15, T9S-R15E



**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map  
Duchesne & Uintah Counties

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

June 21, 2010

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

## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. #14-15-9-15  
 LOCATED AS SHOWN IN SE/SW OF  
 SECTION 15, T9S, R15E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.

### ATTACHMENT A-1

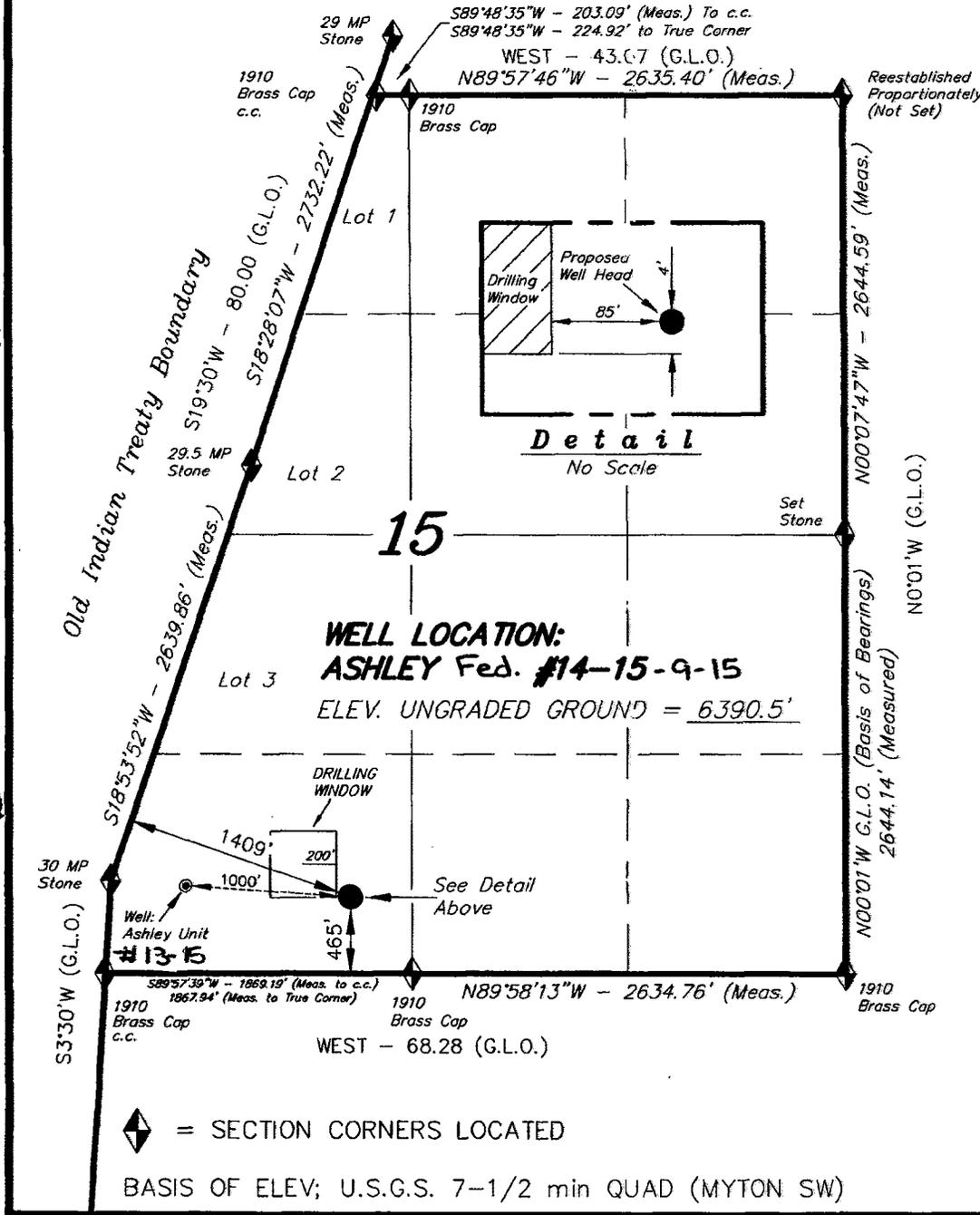


**NOTES:**  
 Well footages are measured at right  
 angles to the Section Lines.

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

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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 11-15-02	DRAWN BY: J.R.S.
NOTES:	FILE #



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

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 15 East SLM</u> Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: Lot 1, NE, E2NW Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 15 East SLM</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3, E2	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 9 South, Range 15 East SLM</u> Section 22: Lots 2-4, E2SW Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: Lots 1-2, S2NE, E2NW, SE	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>Township 5 South, Range 3 West USM</u> Sections 21 & 28	Bureau of Indian Affairs	Petroglyph Operating Co.	Bureau of Indian Affairs

## ATTACHMENT B-1

### **Names and Addresses of Surface Owners**

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

United States Department of Interior  
Bureau of Indian Affairs  
Uintah and Ouray Agency  
P.O. Box 130, 988 South 7500 East  
Fort Duchesne, UT 84026

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #14-15-9-15

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

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 16<sup>th</sup> day of July, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



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

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

Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

### SURFACE CASING

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

### PRODUCTION CASING

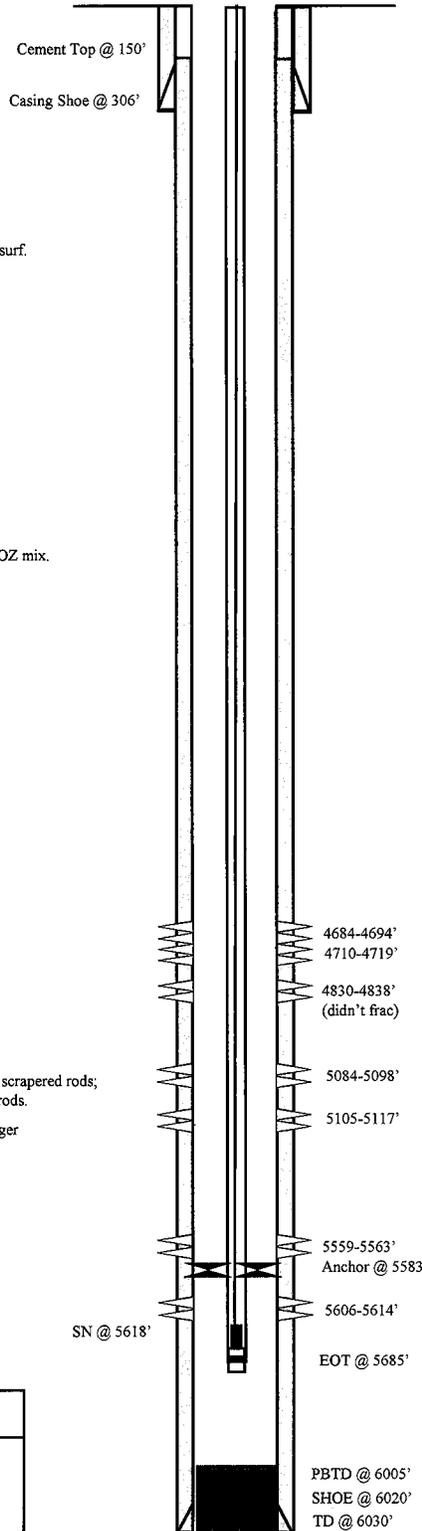
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (6022.12')  
 DEPTH LANDED: 6020.12' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II & 375 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 150'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 171 jts (5571.00')  
 TUBING ANCHOR: 5583.00' KB  
 NO. OF JOINTS: 1 jt (32.58')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5618.38' KB  
 NO. OF JOINTS: 2 jts (65.16')  
 TOTAL STRING LENGTH: EOT @ 5685.09' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-8", 2-6", 1-2" x 3/4" pony rods; 99-3/4" scraped rods;  
 109-3/4" plain rods; 10-3/4" scraped rods; 6-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 82"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL



### FRAC JOB

09/30/04 5559-5614' **Frac CP1 and CP stray sands as follows:**  
 40,404# 20/40 sand in 390 bbls lightning Frac 17 fluid. Treated @ avg press of 1975 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 5557 gal. Actual flush: 5552 gal.

10/01/04 5084-5117' **Frac A1, A3 sands as follows:**  
 135,492# 20/40 sand in 928 bbls lightning Frac 17 fluid. Treated @ avg press of 2040 psi w/avg rate of 30.9 BPM. ISIP 2500 psi. Calc flush: 5082 gal. Actual flush: 5082 gal.

09/27/04 4684-4719' **Frac D1 and D2 sands as follows:**  
 81,058# 20/40 sand in 591 bbls lightning Frac 17 fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 4682 gal. Actual flush: 4599 gal.

### PERFORATION RECORD

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

**NEWFIELD**

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

465' FSL 1409' FWL

SE/SW Section 15-T9S-R15E

Duchesne Co., Utah

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

## Ashley Federal 13-15-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

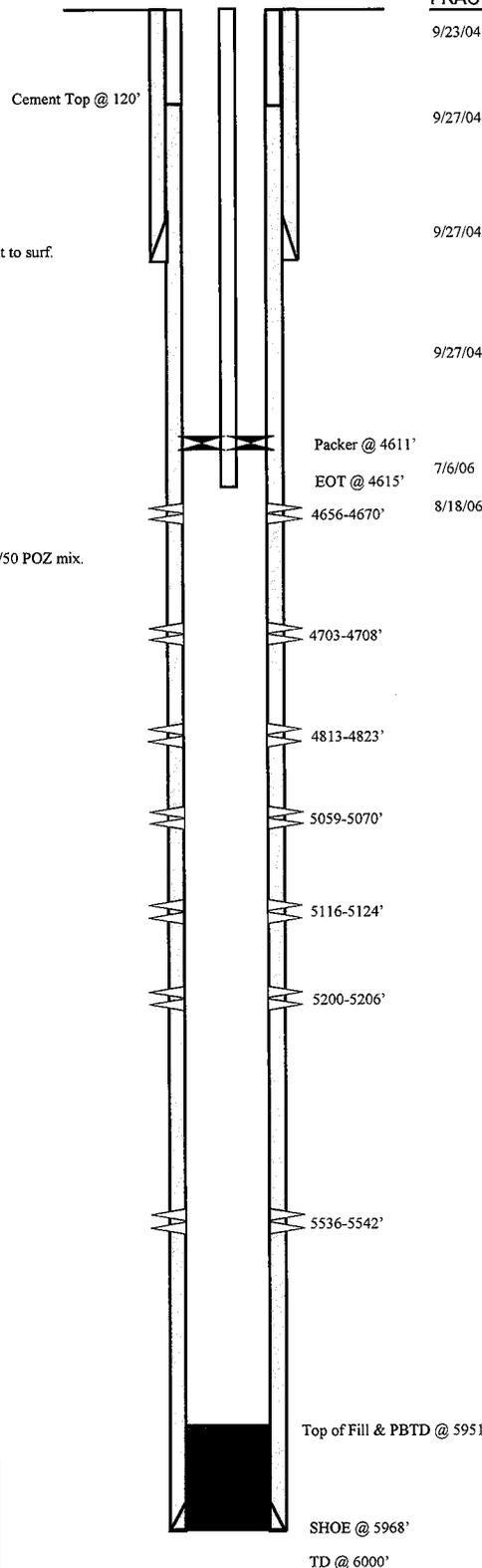
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.15')  
 DEPTH LANDED: 322.15' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

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

#### TUBING

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



#### FRAC JOB

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

#### PERFORATION RECORD

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



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

## Ashley Federal Q-15-9-15

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

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308')  
 DEPTH LANDED: 319.85'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

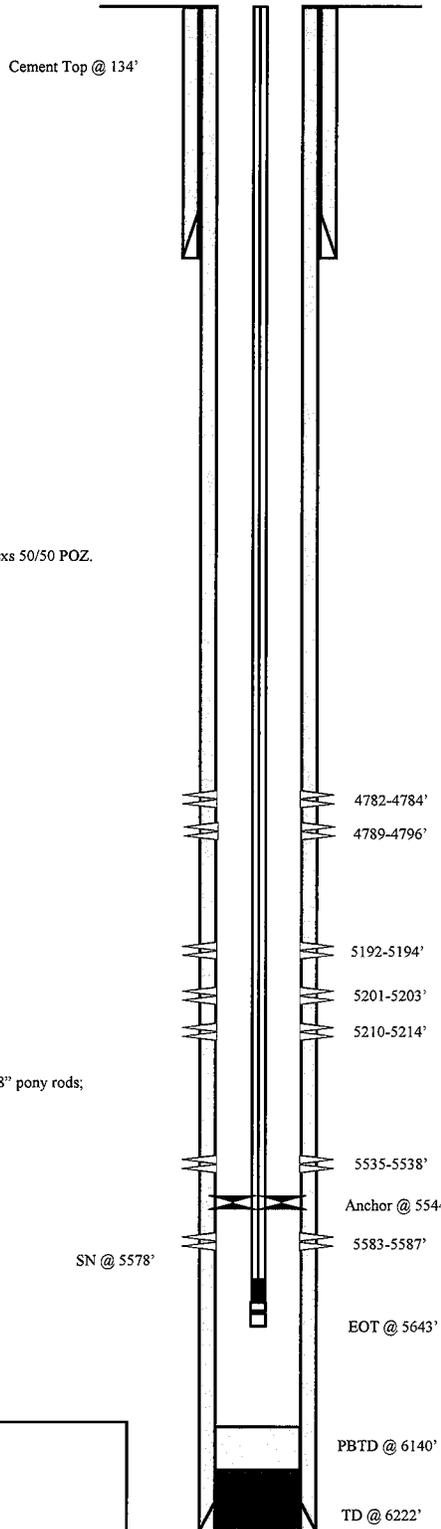
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (6170.13')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6183.38'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 134'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5531.9')  
 TUBING ANCHOR: 5543.9'  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5578.3' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT @ 5643'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 6' x 7/8", 1 - 8' x 7/8" pony rods;  
 218 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
 STROKE LENGTH: 225  
 PUMP SPEED: SPM 5



### FRAC JOB

01-25-10	5535-5587'	<b>Frac LODC sands as follows:</b> Frac with 50434# 20/40 sand in 310 bbls Lightning 17 fluid.
01-25-10	5192-5210'	<b>Frac A1 sands as follows:</b> Frac with 100190# 20/40 sand in 602 bbls Lightning 17 fluid.
01-25-10	478-4796'	<b>Frac D1 sands as follows:</b> Frac with 36821# 20/40 sand in 248 bbls Lightning 17 fluid.

### PERFORATION RECORD

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



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

## Ashley M-15-9-15

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

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

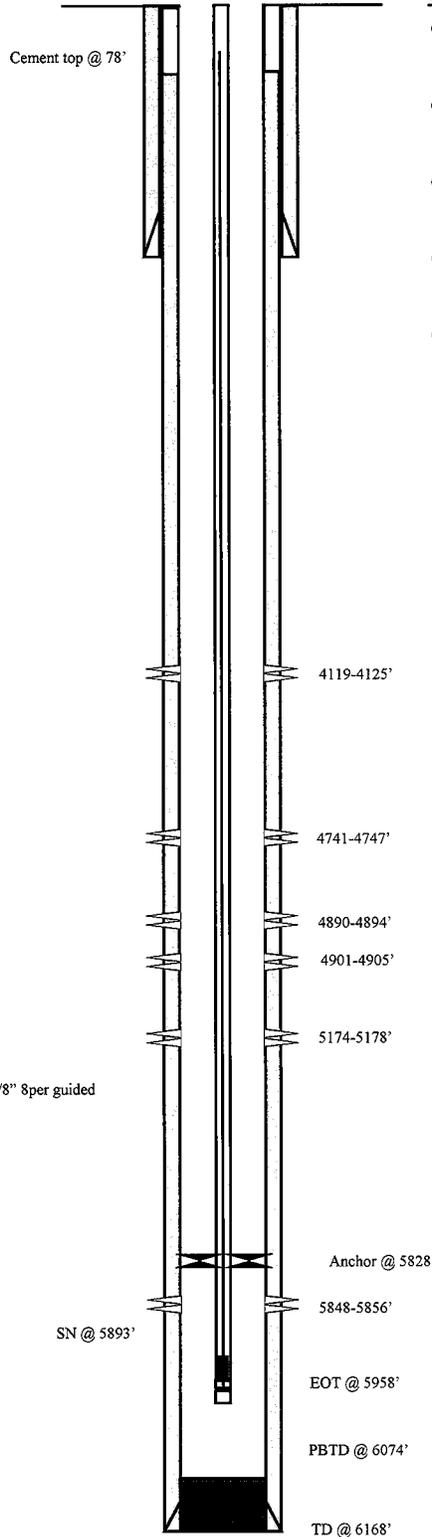
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5815.7')  
 TUBING ANCHOR: 5827.7' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5893.3' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 5958'

#### SUCKER RODS

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

#### FRAC JOB

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



#### PERFORATION RECORD

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


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

## Ashley Federal 11-15-9-15

Spud Date: 6/14/04  
Put on Production: 9/8/2004

GL: 6290' KB: 6302'

### SURFACE CASING

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

### PRODUCTION CASING

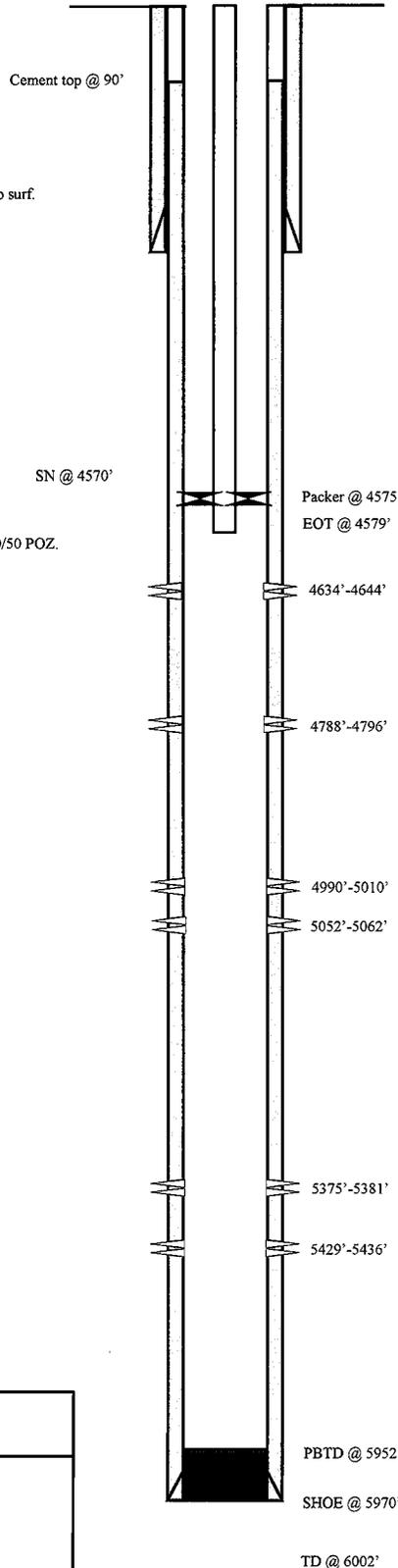
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5974.12')  
DEPTH LANDED: 5970.12' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 90'

### TUBING

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

Initial Production: BOPD,  
MCFD, BWPD

### Injection Wellbore Diagram



### FRAC JOB

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

### PERFORATION RECORD

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

**NEWFIELD**

**Ashley Federal 11-15-9-15**

2082' FSL & 567' FWL

NE/SW Section 15-T9S-R15E

Duchesne Co, Utah

API #43-013-32472; Lease #UTU-66184

## ASHLEY FEDERAL 10-15-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

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

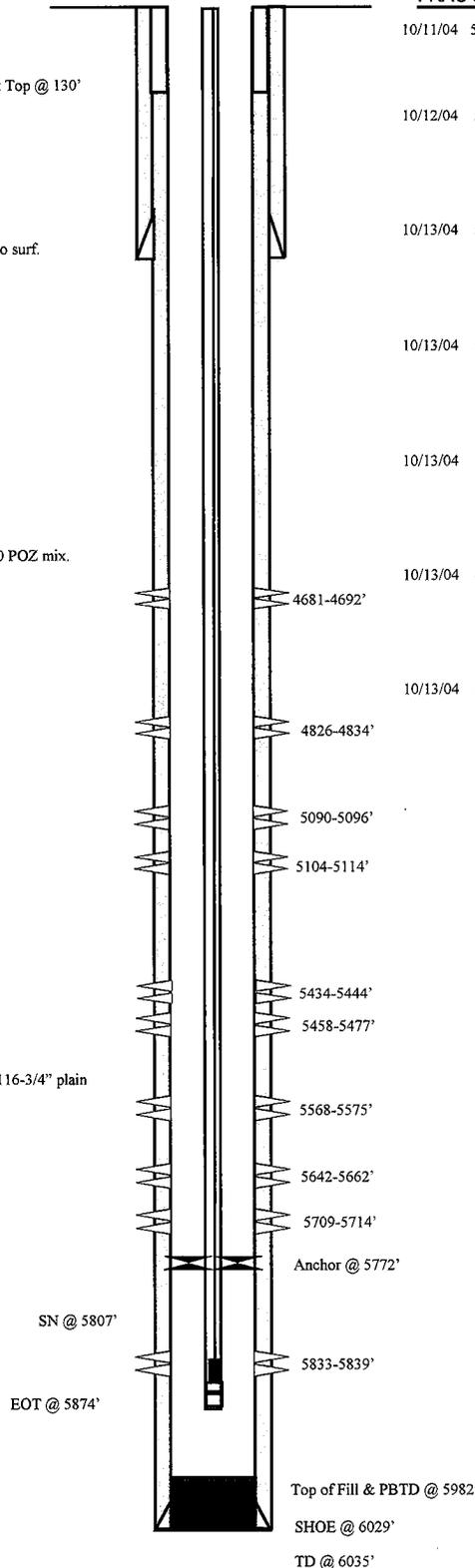
#### SUCKER RODS

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

#### FRAC JOB

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

Cement Top @ 130'



#### PERFORATION RECORD

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



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

## Ashley Federal R-15-9-15

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

Wellbore Diagram

**SURFACE CASING**

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

**PRODUCTION CASING**

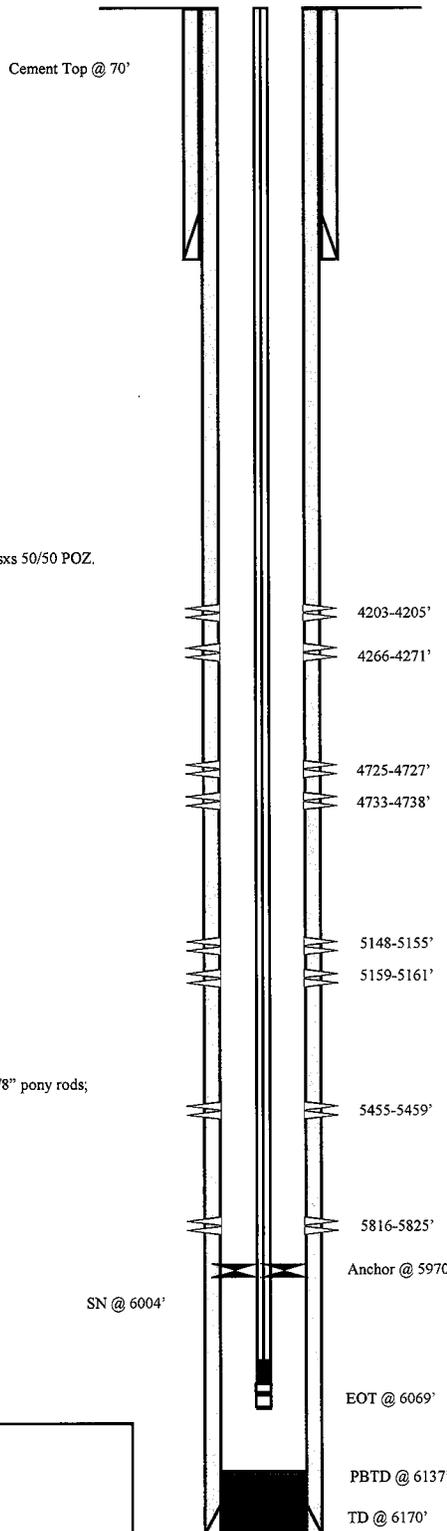
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (6150.37')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6163.62'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 70'

**TUBING**

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

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 6' x 7/8" pony rods,  
 227 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
 STROKE LENGTH: 230  
 PUMP SPEED: SPM 5



**FRAC JOB**

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

**PERFORATION RECORD**

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



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

## Ashley Federal 15-15-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

### SURFACE CASING

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

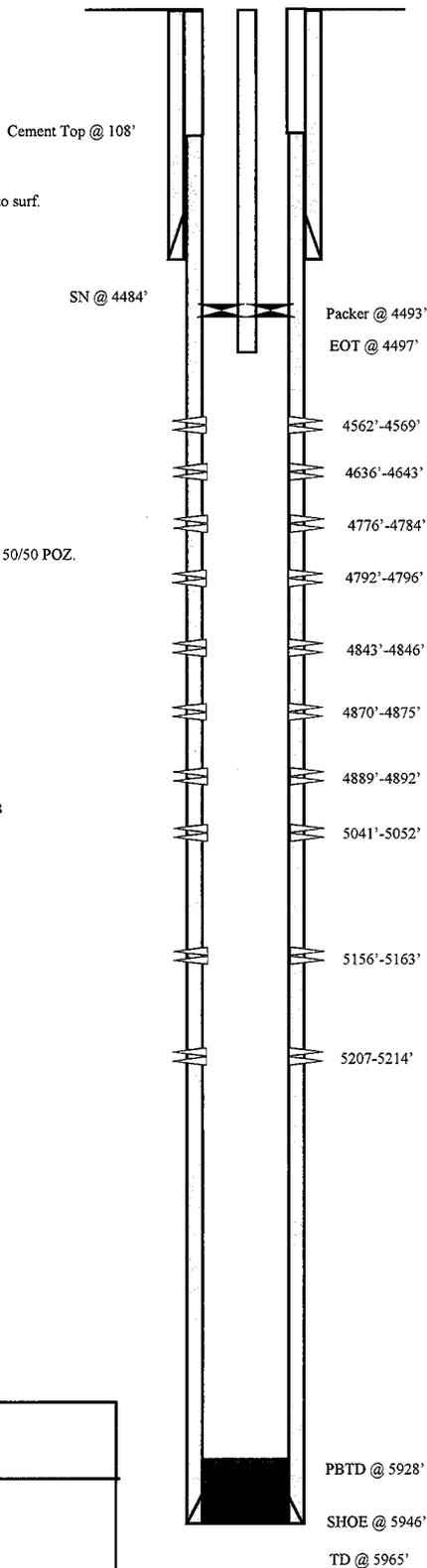
### PRODUCTION CASING

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

### TUBING

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

### Injection Wellbore Diagram



### FRAC JOB

10/05/04 5156'-5214' **Frac LODOC sands as follows:**  
 30,186# 20/40 sand in 319 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2815 psi  
 w/avg rate of 24.3 BPM. ISIP 2850 psi. Calc  
 flush: 5205 gal. Actual flush: 5195 gal.

10/07/04 5041'-5052' **Frac A1 sands as follows:**  
 70,250# 20/40 sand in 544 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1800 psi  
 w/avg rate of 24.4 BPM. ISIP 2500 psi. Calc  
 flush: 5039 gal. Actual flush: 5082 gal.

10/07/04 4776'-4892' **Frac B1,B.5 and C sands as follows:**  
 94,971# 20/40 sand in 683 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2060 psi  
 w/avg rate of 24.4 BPM. ISIP 2350 psi. Calc  
 flush: 4774 gal. Actual flush: 4817 gal.

10/07/04 4636'-4643' **Frac D1 sands as follows:**  
 19,838# 20/40 sand in 214 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2185 psi  
 w/avg rate of 24.4 BPM. ISIP 2350 psi. Calc  
 flush: 4634 gal. Actual flush: 4675 gal.

10/07/04 4562'-4569' **Frac DS3 sands as follows:**  
 20,545# 20/40 sand in 257 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2105 psi  
 w/avg rate of 14.3 BPM. ISIP 2105 psi. Calc  
 flush: 4560 gal. Actual flush: 4477 gal.

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

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

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

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

### PERFORATION RECORD

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

**NEWFIELD**

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

PBTD @ 5928'

SHOE @ 5946'

TD @ 5965'

## Ashley Federal 16-15-9-15

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

Initial Production: BOPD 168,  
 MCFD 41, BWPD 130

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.35')  
 DEPTH LANDED: 307.69' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

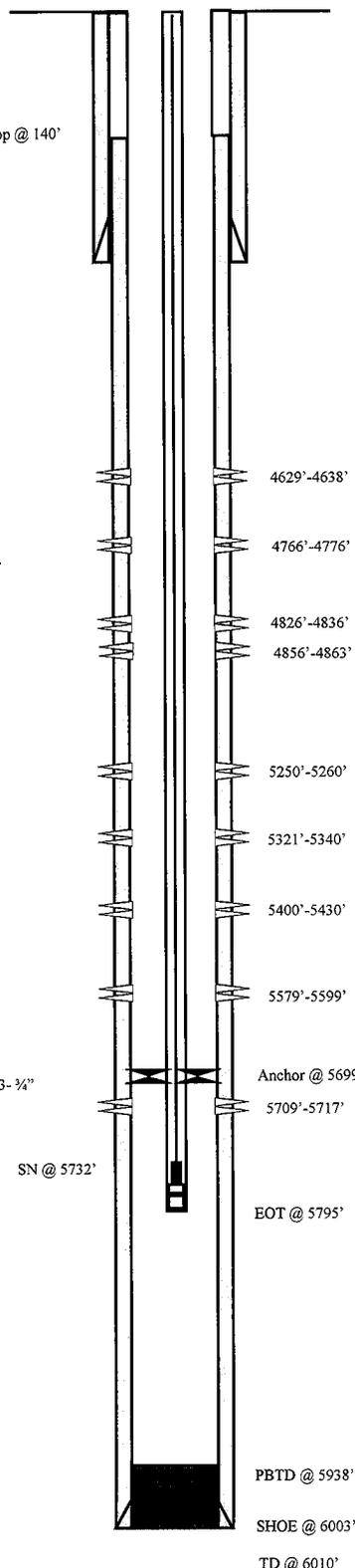
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6004.93')  
 DEPTH LANDED: 6002.93' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 140'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5686.61)  
 TUBING ANCHOR: 5698.61' KB  
 NO. OF JOINTS: 1 jts (30.75')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5732.16' KB  
 NO. OF JOINTS: 2 jts (61.50')  
 TOTAL STRING LENGTH: EOT @ 5795.21' W/12 'KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-4', 6', 8' x 3/4" pony rods, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

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

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

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

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

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

**Pump Change:** Updated rod and tubing detail.  
 Pump Change. Updated r & t details.  
 Parted rods. Updated rod & tubing details.

### PERFORATION RECORD

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

**NEWFIELD**

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

## Ashley Federal 1-22-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

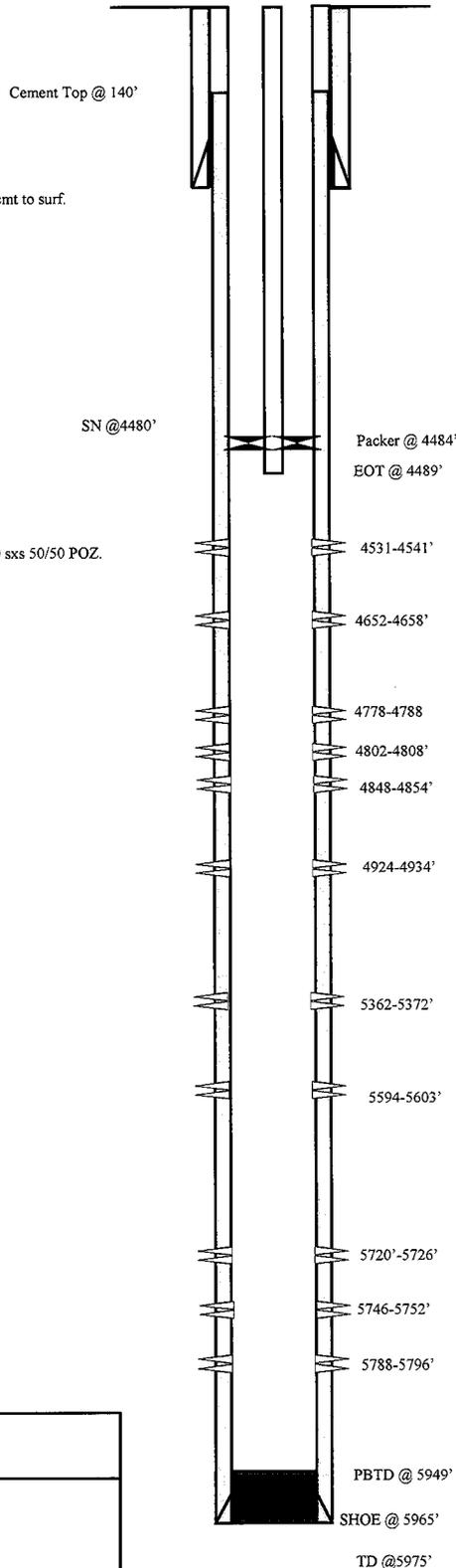
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.15')  
 DEPTH LANDED: 310.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 7 bbls cmt to surf.

#### PRODUCTION CASING

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

#### TUBING

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



#### FRAC JOB

01/06/05	5720-5796'	<b>Frac CP5 &amp; CP4 sands as follows:</b> 48,058# 20/40 sand in 440 bbls Lightning 17 frac fluid. Treated @ avg press of 2204 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 5718 gal. Actual flush: 5758 gal.
01/07/05	5362-5372'	<b>Frac LODC sands as follows:</b> 44,081# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 24.5 BPM. ISIP 2400 psi. Calc flush: 5360 gal. Actual flush: 5338 gal.
01/07/05	4924-4934'	<b>Frac B2 sands as follows:</b> 34,136# 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2041 psi w/avg rate of 24.5 BPM. Screened out.
01/07/05	4778-4854'	<b>Frac B.5 &amp; C sands as follows:</b> 74,405# 20/40 sand in 569 bbls Lightning 17 frac fluid. Treated @ avg press of 2542 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 4776 gal. Actual flush: 4817 gal.
01/07/05	4652-4658'	<b>Frac D1 sands as follows:</b> 11,692# 20/40 sand in 249 bbls Lightning 17 frac fluid. Treated @ avg press of 2250 psi w/avg rate of 24.5 BPM. ISIP 2000 psi. Calc flush: 4650 gal. Actual flush: 4691 gal.
01/12/05	5594-5603'	<b>Frac CP2 sands as follows:</b> 29,558# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 3630 psi w/avg rate of 14.1 BPM. ISIP 1900 psi. Calc flush: 1464 gal. Actual flush: 1344 gal.
01/12/05	4531-4541'	<b>Frac DS1 sands as follows:</b> 34,134# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg press of 3630 psi w/avg rate of 14.1 BPM. ISIP 2900 psi. Calc flush: 1289 gal. Actual flush: 1050 gal.
5/3/06		<b>Well converted to an injection well.</b>
5/12/06		<b>MIT completed and submitted.</b>

#### PERFORATION RECORD

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

**NEWFIELD**

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

582' FNL & 847' FEL

NE/NE Section 22-T9S-R15E

Duchesne Co, Utah

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

## Ashley Federal 2-22-9-15

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

GL: 6413' KB: 6425'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.67')  
DEPTH LANDED: 310.52' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135jts. (6054.26')  
DEPTH LANDED: 6053.51' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 250'

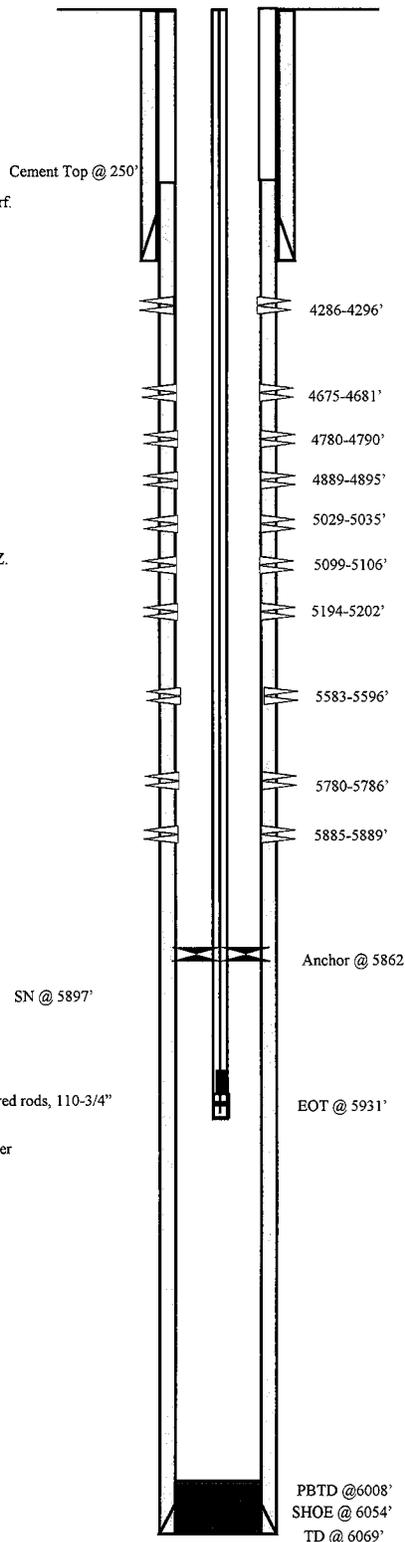
### TUBING

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

### SUCKER RODS

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

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

9-22-05	5780-5889'	<b>Frac CP4 &amp; CP5 sand as follows:</b> 29349#'s 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 29 BPM. ISIP:2100. Calc flush: 5779 gal Actual flush: 5838 gal.
9-25-05	5583-5596'	<b>Frac CP1 sand as follows:</b> 39782#'s 20/40 sand in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 1538 psi w/avg rate of 24.7BPM. ISIP 1900 Calc flush: 5581 gal. Actual flush: 5586 gal.
9-22-05	5194-5202'	<b>Frac LODC sand as follows:</b> 35182#'s 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 2376 psi w/avg rate of 24.7 BPM. ISIP 3100 psi. Calc flush: 5192 gal. Actual flush: 5250 gal.
9-22-05	5029-5106'	<b>Frac A1 &amp; A5 sand as follows:</b> 34292#'s 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5027 gal. Actual flush:5082 gal.
9-22-05	4889-4895'	<b>Frac B.5 sand as follows:</b> 33992#'s 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24.7 BPM. ISIP 2200. Calc flush: 4887. Actual flush: 4914
9-22-05	4780-4790'	<b>Frac D3 sand as follows:</b> 58767#'s 20/40 sand in 472 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4779 gal. Actual flush: 4830 gal.
9-23-05	4675-4681'	<b>Frac D1 sand as follows:</b> 28942#'s 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4673 gal. Actual flush: 4662 gal.
9-23-05	4286-4296'	<b>Frac PB7 sand as follows:</b> 38655#'s 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 2051 psi w/avg rate of 17.6 BPM. ISIP 3800 psi. Calc flush: 4284 gal. Actual flush: 3108 gal.
8/1/07		Pump change. Update rod & tubing detail.
9/21/09		Pump Change. Updated rod & tubing details.

### PERFORATION RECORD

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

**NEWFIELD**

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

## Ashley C-22-9-15

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

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

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

#### SUCKER RODS

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

#### FRAC JOB

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

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

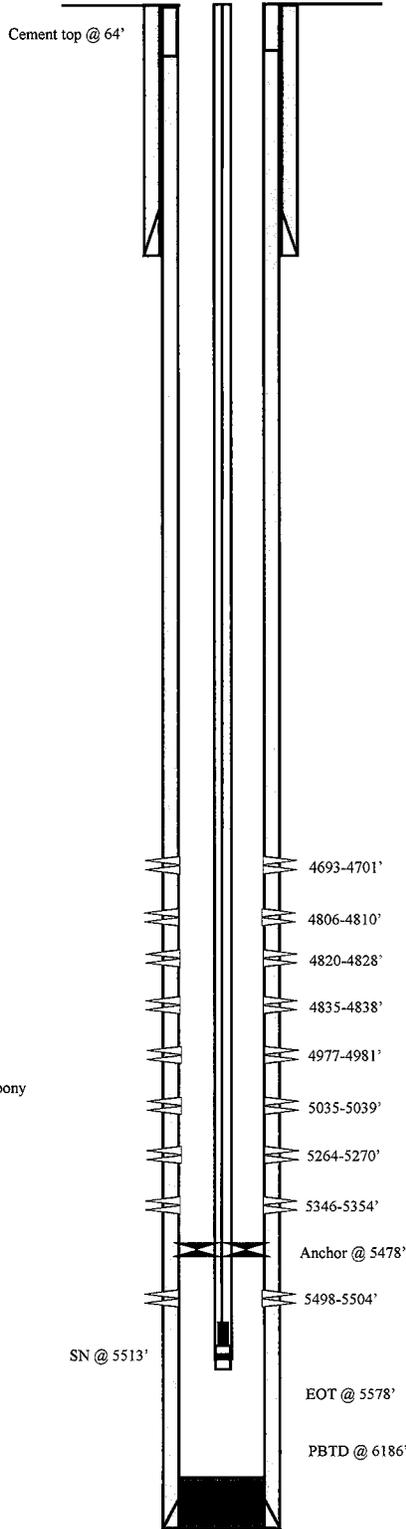
7/6/2009 5264-5270' Frac A3 sds as follows:  
 15,504# 20/40 sand in 282 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 3189 psi w/ ave rate of 15.9 BPM. Screened out  
 4.6 bbls short of flush. ISIP 4180 psi.

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

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

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

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



#### PERFORATION RECORD

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

**NEWFIELD**

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

919' FNL & 1801' FEL

NW/NE Section 22-T9S-R15E

Duchesne Co, Utah

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

## Ashley Federal 3-22-9-15

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

Initial Production: BOPD,  
 MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

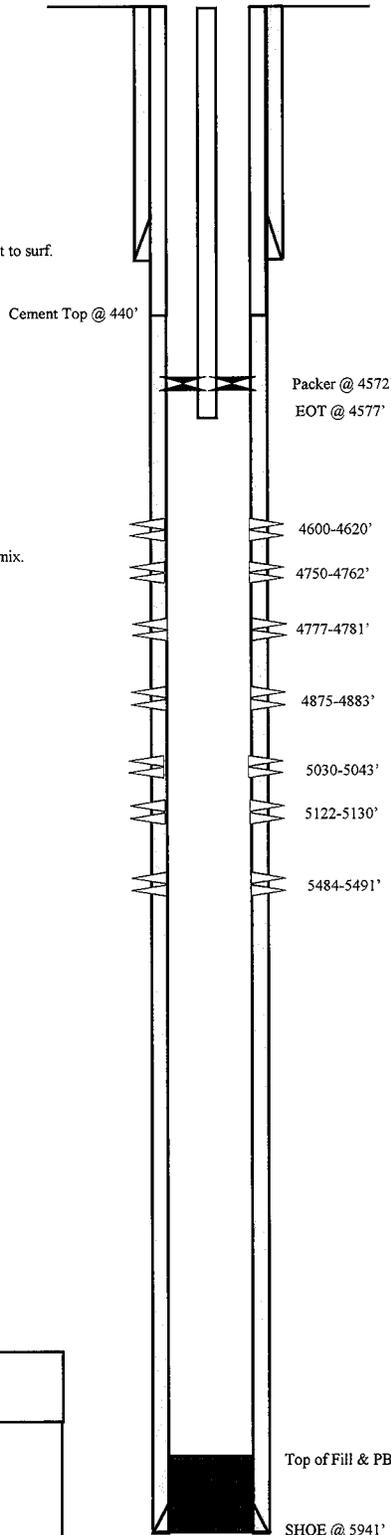
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.79')  
 DEPTH LANDED: 310.79' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G" mixed cmt, est 4.5 bbls cmt to surf.

#### PRODUCTION CASING

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

#### TUBING

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



#### FRAC JOB

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

#### PERFORATION RECORD

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

**NEWFIELD**

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

## Ashley Federal 6-22-9-15

Spud Date: 05/12/2006  
 Put on Production: 006/19/06  
 K.B.: 6436, G.L.: 6424

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.10')  
 DEPTH LANDED: 313.00' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

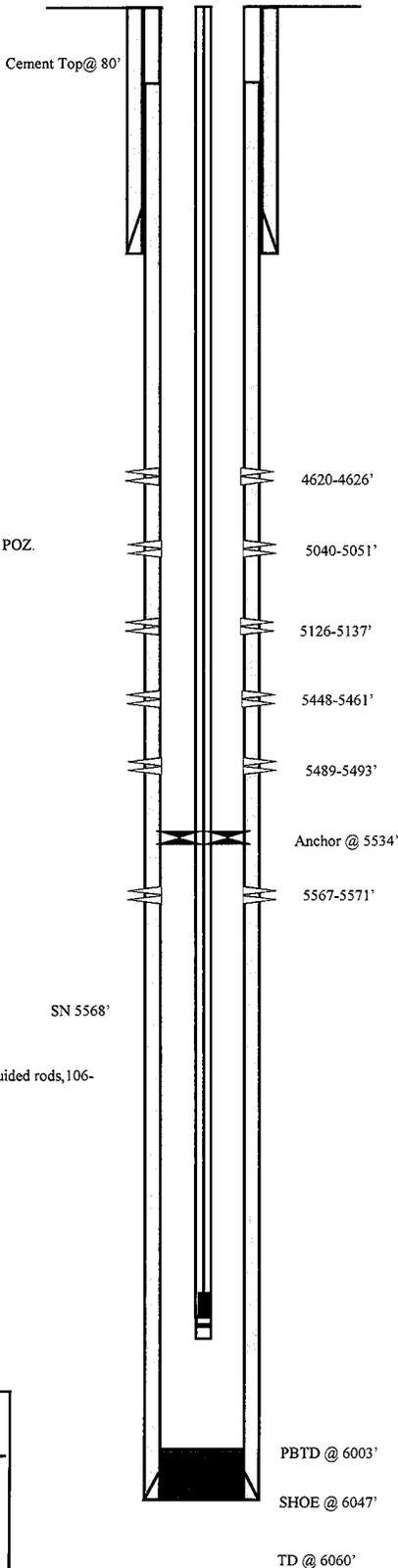
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (6048.43')  
 DEPTH LANDED: 6047.68' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 80'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts (5522.16')  
 TUBING ANCHOR: 5534.16' KB  
 NO. OF JOINTS: 1 jts (31.65')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5568.61' KB  
 NO. OF JOINTS: 2 jts (63.30')  
 TOTAL STRING LENGTH: EOT @ 5633.46' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8, 1-6', 1-4', 1-2' x 3/4" pony rod, 98-7/8" guided rods, 106-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 4 x 17' RHAC w/SM plunger  
 STROKE LENGTH: 84"  
 PUMP SPEED, 5 SPM:



### FRAC JOB

Date	Interval	Description
06/13/06	5448-5571'	<b>Frac CP2, LODC sands as follows:</b> 50237# 20/40 sand in 500 bbls Lightning 17 frac fluid. Treated @ avg press of 1778 psi w/avg rate of 25.2 BPM. ISIP 1790 psi. Calc flush: 5569 gal. Actual flush: 4939 gal.
06/13/06	5126-5137'	<b>Frac LODC sands as follows:</b> 40237# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2027 psi w/avg rate of 25.1 BPM. ISIP 2025 psi. Calc flush: 5135 gal. Actual flush: 4658 gal.
06/13/06	5040-5051'	<b>Frac A1 sands as follows:</b> 89409# 20/40 sand in 650 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/avg rate of 25 BPM. ISIP 2875 psi. Calc flush: 5049 gal. Actual flush: 4494 gal.
06/13/06	4620-4626'	<b>Frac D1, sands as follows:</b> 41156# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 1775 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 4624 gal. Actual flush: 4494 gal.

### PERFORATION RECORD

Date	Interval	Tool	Holes
06/06/06	5567-5571'	4 JSPF	16 holes
06/06/06	5489-5493'	4 JSPF	16 holes
06/06/06	5448-5461'	4 JSPF	52 holes
06/13/06	5126-5137'	4 JSPF	44 holes
06/13/06	5040-5051'	4 JSPF	44 holes
06/13/06	4620-4626'	4 JSPF	24 holes

**NEWFIELD**

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**Ashley Federal 6-22-9-15**

1949' FNL & 1157' FWL  
 SE/NW Section 22-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32857; Lease #UTU-

## Ashley Federal 5-22-9-15

Spud Date: 9/14/05  
 Put on Production: 10/25/05  
 GL: 6401' KB: 6413'

Initial Production: BOPD 72,  
 MCFD 30, BWPD 73

Injection Wellbore  
 Diagram

**SURFACE CASING**

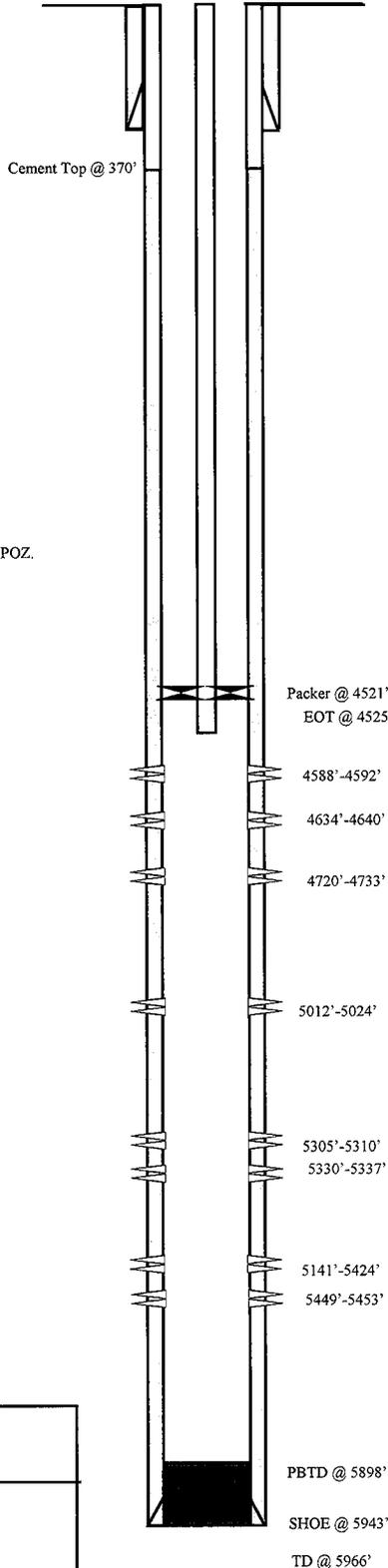
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.3')  
 DEPTH LANDED: 311.3 KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5945.05')  
 DEPTH LANDED: 5943.05' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 370'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4504.73')  
 SEATING NIPPLE: 2-7/8" (.45')  
 SN LANDED AT: 4517.83' KB  
 TOTAL STRING LENGTH: EOT @ 4525.13' W/12 'KB



**FRAC JOB**

10/17/05 5305'-5453' **Frac LODC sands as follows:**  
 80,159# 20/40 sand in 606 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1754 psi  
 w/avg rate of 24.6 BPM. ISIP 1980 psi. Calc  
 flush: 5303 gal. Actual flush: 4918 gal.

10/17/05 5012'-5024' **Frac A3 sands as follows:**  
 50,590# 20/40 sand in 422 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 2012 psi  
 w/avg rate of 24.6 BPM. ISIP 2080 psi. Calc  
 flush: 5010 gal. Actual flush: 4662 gal.

10/20/05 4720'-4733' **Frac C sands as follows:**  
 70,157# 20/40 sand in 5370 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1786 psi  
 w/avg rate of 24.9 BPM. ISIP 1770 psi. Calc  
 flush: 4718 gal. Actual flush: 4494 gal.

10/20/05 4588'-4640' **Frac D1&D2 sands as follows:**  
 33,759# 20/40 sand in 377 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1914 psi  
 w/avg rate of 24.1 BPM. ISIP 1850 psi. Calc  
 flush: 4586 gal. Actual flush: 4490 gal.

4/10/07 **CONVERSION - Well converted from an  
 oil well to an injection well. MIT  
 completed and submitted.**

**PERFORATION RECORD**

10/14/05	5449'-5453'	4 JSPF	16 holes
10/14/05	5414'-5424'	4 JSPF	40 holes
10/14/05	5330'-5337'	4 JSPF	28 holes
10/14/05	5305'-5310'	4 JSPF	20 holes
10/17/05	5012'-5024'	4 JSPF	48 holes
10/17/05	4720'-4733'	4 JSPF	52 holes
10/20/05	4634'-4640'	4 JSPF	24 holes
10/20/05	4588'-4592'	4 JSPF	16 holes

**NEWFIELD**

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**Ashley Federal 5-22-9-15**  
 1888 FNL & 541 FWL  
 SW/NW Sec. 22, T9S R15E  
 Duchesne County, UT  
 API# 43-013-32644; Lease# UTU-66185

## Ashley Federal 4-22-9-15

Spud Date: 8/11/04  
Put on Production: 9/16/04

Initial Production: BOPD,  
MCFD, BWPD

### Wellbore Diagram

#### GL: 6377' KB: 6389' SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (290.83')  
DEPTH LANDED: 300.83 KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 7 bbls cmt to surf.

Cement Top @ 200'

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (5970.13')  
DEPTH LANDED: 5968.13' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
CEMENT TOP AT: 200'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 174 jts (5664.09')  
TUBING ANCHOR: 5678.89' KB  
NO. OF JOINTS: 1 jts (32.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5712.49' KB  
NO. OF JOINTS: 2 jts (65.02')  
TOTAL STRING LENGTH: EOT @ 5777.96' W/12' KB

#### SUCKER RODS

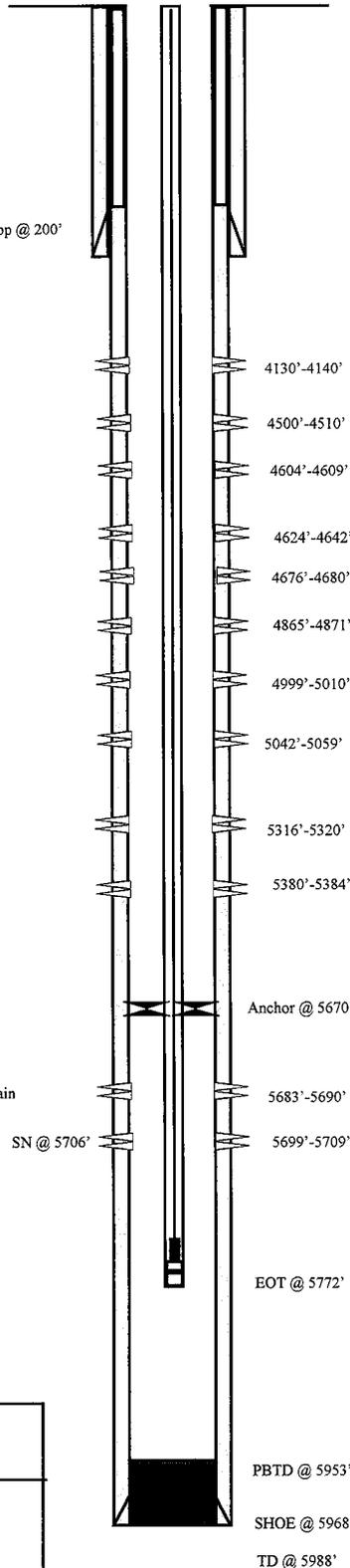
POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 6-1 1/2" weight bars; 0-3/4" scraped rods; 82-3/4" plain rods, 100-3/4" scraped rods, 1-2' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5" RHAC pump w/ SM Plunger SN @ 5706'  
STROKE LENGTH: 88"  
PUMP SPEED, SPM: 4 SPM

#### FRAC JOB

9/09/04	5683'-5709'	<b>Frac CP3 sands as follows:</b> 39,902# 20/40 sand in 390 bbls Lightning Frac 17 fluid. Treated @ avg press of 1780 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 5681 gal. Actual flush: 5683 gal.
9/09/04	5316'-5384'	<b>Frac LODC sands as follows:</b> 25,490# 20/40 sand in 287 bbls Lightning Frac 17 fluid. Treated @ avg press of 2625 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 5314 gal. Actual flush: 5313 gal.
9/08/04	5042'-5059'	<b>Frac A3 and A1 sands as follows:</b> 130,179# 20/40 sand in 880 bbls Lightning Frac 17 fluid. Treated @ avg press of 1615 psi w/avg rate of 25 BPM. ISIP 2650 psi. Calc flush: 5040 gal. Actual flush: 5040 gal.
9/08/04	4865'-4871'	<b>Frac B1 sands as follows:</b> 19,916# 20/40 sand in 245 bbls Lightning Frac 17 fluid. Treated @ avg press of 2220 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4863 gal. Actual flush: 4864 gal.
9/09/04	4604'-4680'	<b>Frac D1, 2 and 3 sands as follows:</b> 120,233# 20/40 sand in 811 bbls Lightning Frac 17 fluid. Treated @ avg press of 1878 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 4602 gal. Actual flush: 4641 gal.
9/09/04	4500'-4510'	<b>Frac DS1 sands as follows:</b> 34,530# 20/40 sand in 324 bbls Lightning Frac 17 fluid. Treated @ avg press of 2116 psi w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc flush: 4498 gal. Actual flush: 4498 gal.
9/09/04	4130'-4140'	<b>Frac GB6 sands as follows:</b> 25,317# 20/40 sand in 257 bbls Lightning Frac 17 fluid. Treated @ avg press of 2191 psi w/avg rate of 14.8 BPM. ISIP 3000 psi. Calc flush: 4128 gal. Actual flush: 4032 gal.
04/26/06		Tubing Leak. Update rod and tubing details.

#### PERFORATION RECORD

9/08/04	5699'-5709'	4 JSPF	40 holes
9/08/04	5683'-5690'	4 JSPF	28 holes
9/09/04	5380'-5384'	4 JSPF	16 holes
9/09/04	5316'-5320'	4 JSPF	16 holes
9/09/04	5042'-5059'	4 JSPF	68 holes
9/09/04	4999'-5010'	4 JSPF	44 holes
9/09/04	4865'-4871'	4 JSPF	24 holes
9/09/04	4676'-4680'	4 JSPF	16 holes
9/09/04	4624'-4642'	4 JSPF	72 holes
9/09/04	4604'-4609'	4 JSPF	20 holes
9/09/04	4500'-4510'	4 JSPF	40 holes
9/09/04	4130'-4140'	4 JSPF	40 holes



**NEWFIELD**

Ashley Federal 4-22-9-15  
862 FNL & 493 FWL  
NW/NW Sec. 22, T9S R15E  
Duchesne, County  
API# 43-013-32428; Lease# UTU68548

# Ashley Fed D-22-9-15

Spud Date: 7-10-10  
 Put on Production 8-4-10  
 GL:6380' KB:6392'

## Wellbore Diagram

## FRAC JOB

### SURFACE CASING

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

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145jts. 6155.54'  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH:6171.54'  
 CEMENT DATA: 280sxs Prem. Lite II mixed & 400sxs 50/50 POZ.  
 CEMENT TOP AT: 0'

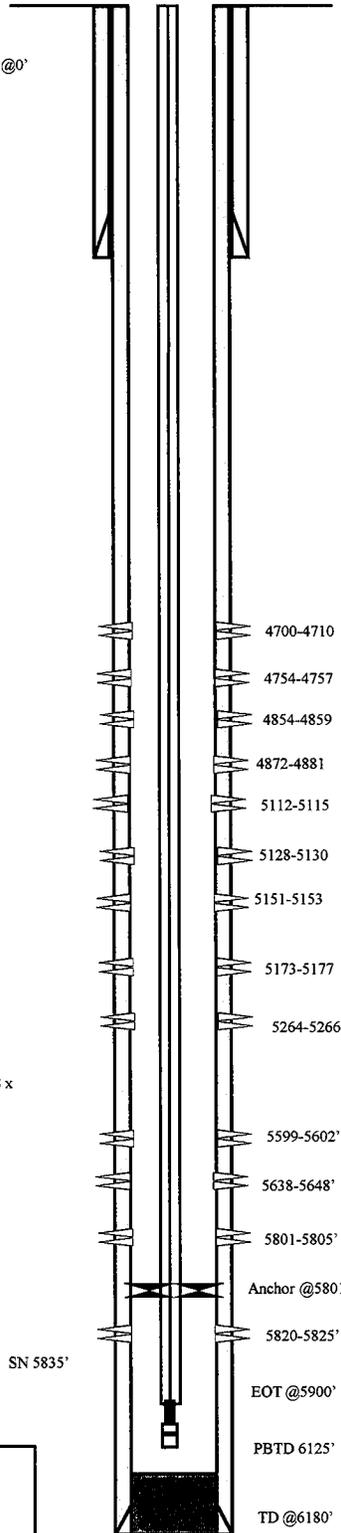
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185jts 5788.0'  
 TUBING ANCHOR 5801.0'  
 NO. OF JOINTS 1jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT 5835.3' KB  
 NO. OF JOINTS: 2jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5900'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER ROD 1-2 x 7/8 pony rods, 1-4 x 7/8 pony rods, 1-6x 7/8, 1-8 x 7/8 pony rods, 228-8 per guided rods, 4- 1 1/2" weight bars.  
 PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5

Cement Top @0'



**8-4-10 5801-5825'** Frac CP3 sands as follows:Frac with 14441# 20/40sand in 128bbbs Lightning 17.  
**8-4-10 5599-5648'** Frac Cpstray & CP1 sands as follows:Frac with 38100# 20/40sand in 265bbbs Lightning 17.  
**8-4-10 5112-5266'** Frac A1, A3 & LODC sands as follows:Frac with 63901# 20/40sand in 389bbbs Lightning 17.  
**8-4-10 4854-4881'** Frac C sands as follows:Frac with 48456# 20/40sand in 311bbbs Slick Water.  
**8-4-10 4700-4757'** Frac D1 & D3sands as follows:Frac with 42006# 30/50sand in 287bbbs Lightning 17..

## PERFORATION RECORD

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

## NEWFIELD



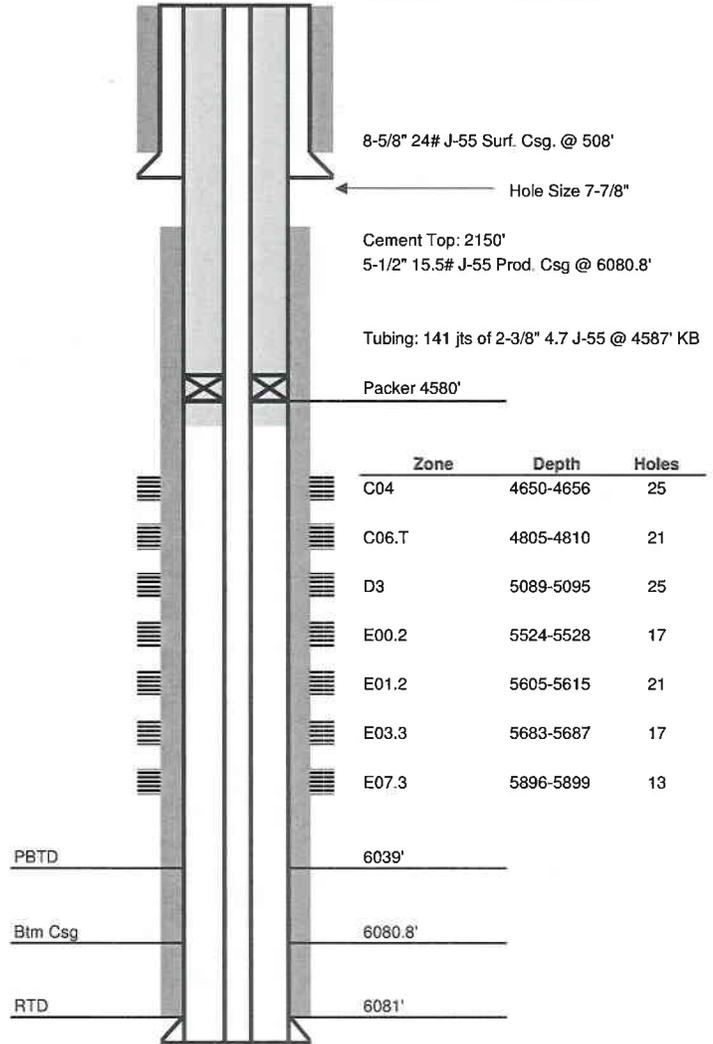
### Ashley Fed D-22-9-15

SL; 893'FNL 470' FWL (NW/NW)  
 Section 22, T9S, R15  
 Duchesne Co, Utah  
 API # 43-013-33942; Lease UTU-68548

Well History

Spud Date: 12/7/1996  
 First Production Date: 2/4/1997  
 Converted to Injector: 2/1/2007

GL: 6303'      KB: 6313'  
 Formation: Green River



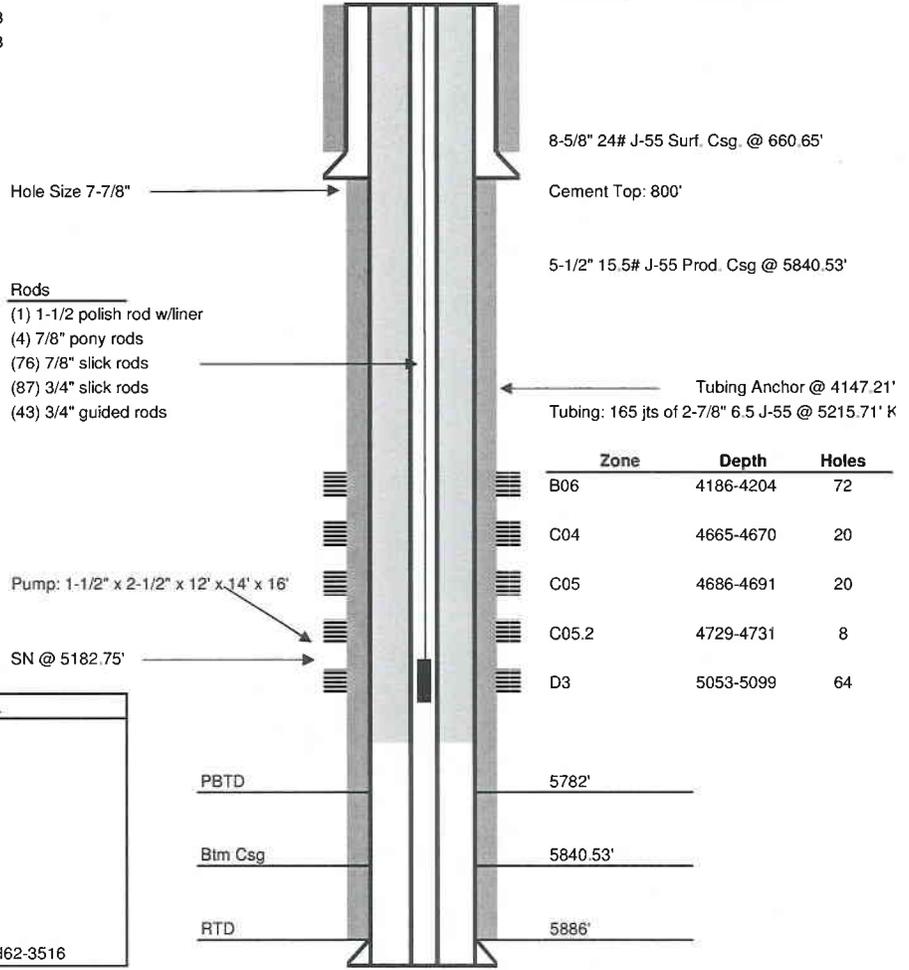
Petroglyph Operating Co., Inc.
Ute Tribal #21-10
(2022' FSL & 3344' FWL)
NW SE Section 21 - 5S - 3W
Antelope Creek Field
Duchesne Co. Utah
API #43-013-31748 ; LEASE #14-20-H62-4650

(Not to Scale)

**Well History**

Spud Date: 11/21/2003  
 First Production Date: 12/18/2003

GL: 6347' KB: 6363'  
 Formation: Green River



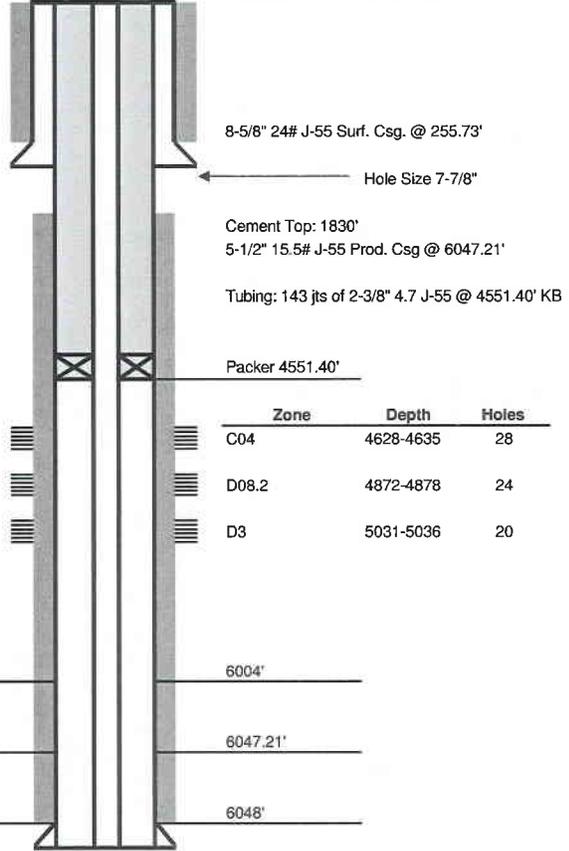
Petroglyph Operating Co., Inc.  
 Ute Tribal #21-11L  
 (1333' FSL & 2661 FWL)  
 NW SE Section 21 - 5S - 3W  
 Antelope Creek Field  
 Duchesne Co. Utah  
 API #43-013-32492 ; LEASE #14-20-H62-3516

(Not to Scale)

**Well History**

Spud Date: 11/13/1996  
 First Production Date: 1/18/1997  
 Converted to Injector: 2/18/2006

GL: 6355' KB: 6365'  
 Formation: Green River



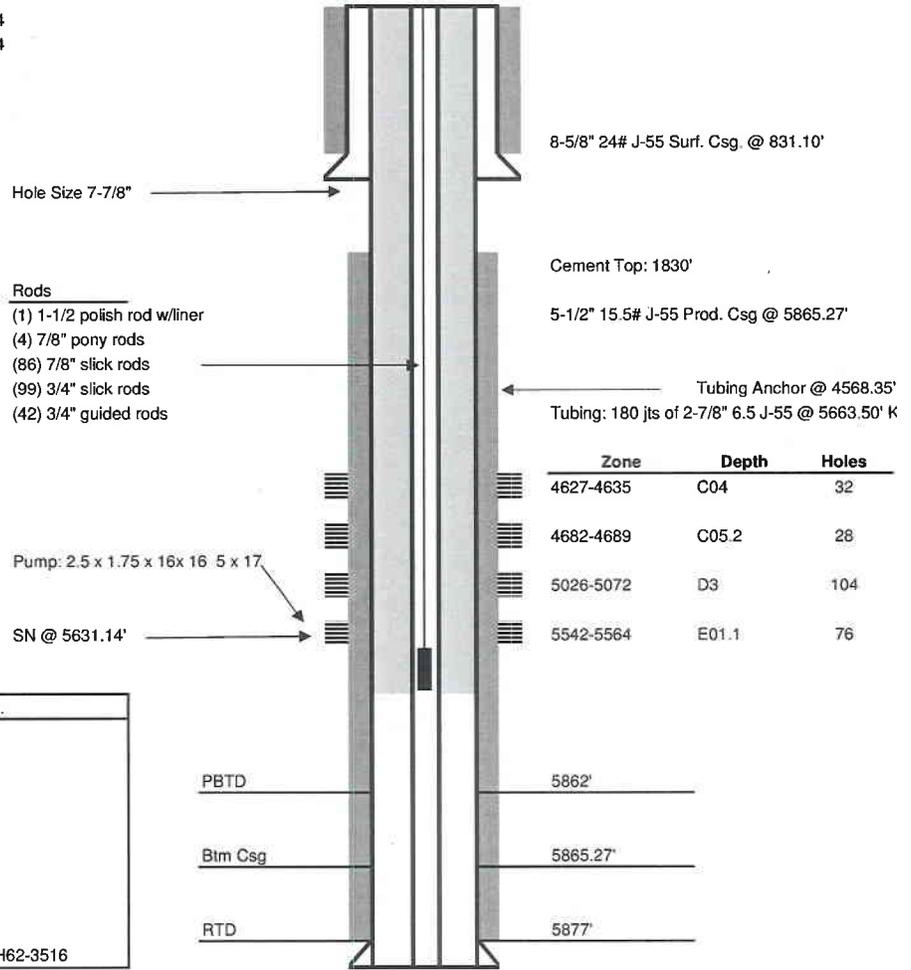
Petroglyph Operating Co., Inc.
Ute Tribal #21-14
(660' FSL & 2080' FWL)
SE SW Section 21 - 5S - 3W
Antelope Creek Field
Duchesne Co. Utah
API #43-013-31742 ; LEASE #14-20-H62-3516

(Not to Scale)

**Well History**

Spud Date: 1/3/2004  
 First Production Date: 2/11/2004

GL: 6372' KB: 6382'  
 Formation: Green River



Petroglyph Operating Co., Inc.

Ute Tribal #21-14N  
 (109' FSL, 2712' FWL)

SW SE Section 21 - 5S - 3W  
 Antelope Creek Field  
 Duchesne Co. Utah

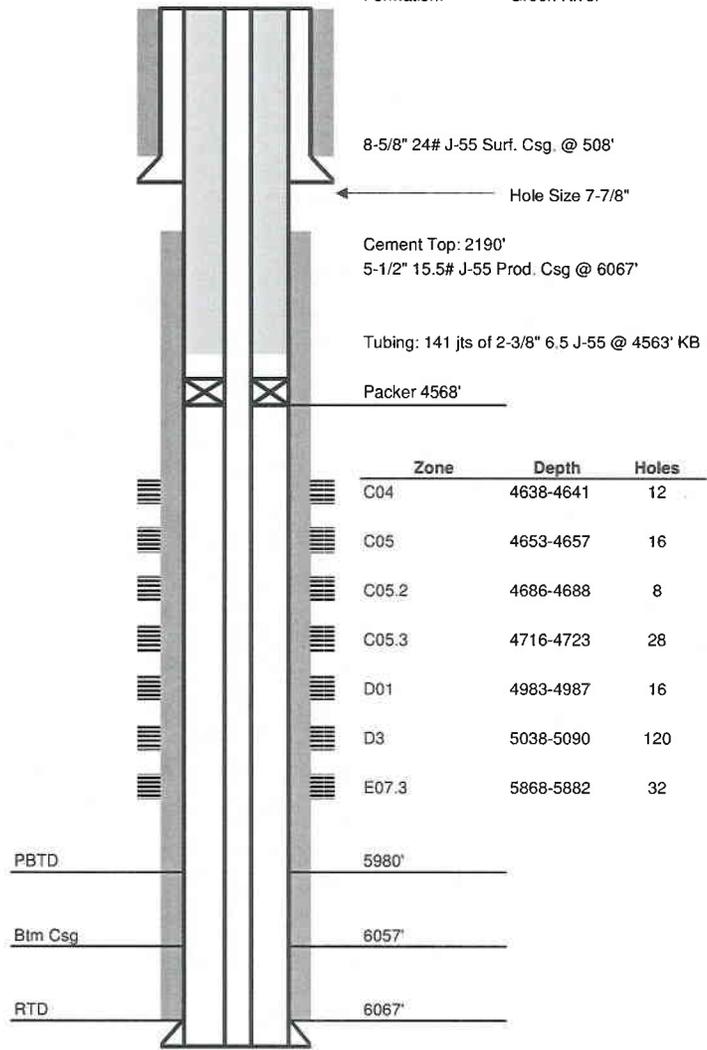
API #43-013-32495 ; LEASE #14-20-H62-3516

(Not to Scale)

Well History:

Spud Date: 12/8/1996  
 First Production Date: 2/19/1997  
 Converted to Injector: 8/30/2000

GL: 6339' KB: 6349'  
 Formation: Green River



Petroglyph Operating Co., Inc.

Ute Tribal #21-15

(682' FSL & 3332' FWL)

SW SE Section 21 - 5S - 3W  
 Antelope Creek Field  
 Duchesne Co. Utah

API #43-013-31756 ; LEASE #14-20-H62-3516

(Not to Scale)

Well History

Spud Date: 8/23/1996  
 First Production Date 10/17/1996

GL: 6414' KB: 6424'  
 Formation: Green River

Rods  
 (1) 1-1/2" polish rod w/liner  
 (4) 7/8" slick rods  
 (78) 7/8" slick rods  
 (146) 3/4" slick rods

Pump: 2-1/2" x 1-3/4" x 16'

SN @ 5626.48'

8-5/8" 24# J-55 Surf. Csg. @ 284.05'

Hole Size 7-7/8"

Cement Top: 240'

5-1/2" 15.5# J-55 Prod. Csg @ 6317.73'

Tubing Anchor @ 4564.72'  
 Tubing: 181 jts of 2-7/8" 6.5 J-55 @ 5659' KB

Zone	Depth	Holes
C04	4653-4657	17
C05	4690-4692	9
C05.2	4709-4712	13
D3	5151-5092	38
E02.1	5636-5642	25

Petroglyph Operating Co., Inc.  
 Ute Tribal #28-02  
 (585' FNL & 417' FEL)  
 NE NE Section 28 - 5S - 3W  
 Antelope Creek Field  
 Duchesne Co. Utah  
 API #43-013-31689 ; LEASE #14-20-H62-3517

PBTD 6262'  
 Btm Csg 6317.73'  
 RTD 6312'

(Not to Scale)

## Multi-Chem Group, LLC

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

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Ashley 14-15-9-15**  
Sample Point:  
Sample Date: **6 /24/2010**  
Sales Rep: **Randy Huber**  
Lab Tech: **John Keel**

Sample ID: **WA-42898**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	6/25/2010	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	140	Calcium (Ca):	4.50	Chloride (Cl):	9000.00
Sample Pressure (psig):	0	Magnesium (Mg):	6.50	Sulfate (SO <sub>4</sub> ):	36.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0130	Barium (Ba):	6.50	Dissolved CO <sub>2</sub> :	-
pH:	7.1	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1464.00
Turbidity (NTU):	-	Sodium (Na):	6303.00	Carbonate (CO <sub>3</sub> ):	-
Calculated T.D.S. (mg/L)	16826	Potassium (K):	-	H <sub>2</sub> S:	5.00
Molar Conductivity (µS/cm):	25493	Iron (Fe):	0.03	Phosphate (PO <sub>4</sub> ):	-
Resitivity (Mohm):	0.3923	Manganese (Mn):	0.01	Silica (SiO <sub>2</sub> ):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
140	0	0.13	-11.61	0.00	-2471.20	0.00	-2414.80	-	-	1.80	4.52	2.77
80	0	0.06	-16.12	0.00	-16.25	0.00	-3186.10	-	-	6.10	9.00	1.27
100	0	0.08	-14.33	0.00	-12.42	0.00	-3005.50	-	-	3.98	7.95	1.58
120	0	0.11	-12.86	0.00	-9.57	0.00	-2735.50	-	-	2.65	6.49	1.77
140	0	0.13	-11.61	0.00	-7.45	0.00	-2414.80	-	-	1.80	4.52	2.00
160	0	0.16	-10.56	0.00	-5.87	0.00	-2076.80	-	-	1.24	1.93	2.26
180	0	0.18	-9.68	0.00	-4.73	0.00	-1746.60	-	-	0.87	-1.37	2.49
200	0	0.20	-8.96	0.00	-3.92	0.00	-1441.20	-	-	0.62	-5.49	2.52
220	2.51	0.22	-8.51	0.00	-3.43	0.00	-1184.30	-	-	0.44	-10.90	2.56
240	10.3	0.23	-8.07	0.00	-3.04	0.00	-949.23	-	-	0.32	-17.08	2.60
260	20.76	0.24	-7.77	0.00	-2.78	0.00	-751.32	-	-	0.23	-24.39	2.65
280	34.54	0.24	-7.61	0.00	-2.61	0.00	-588.15	-	-	0.17	-32.96	2.71
300	52.34	0.24	-7.58	0.00	-2.51	0.00	-455.88	-	-	0.13	-42.95	2.77

**Conclusions:**

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

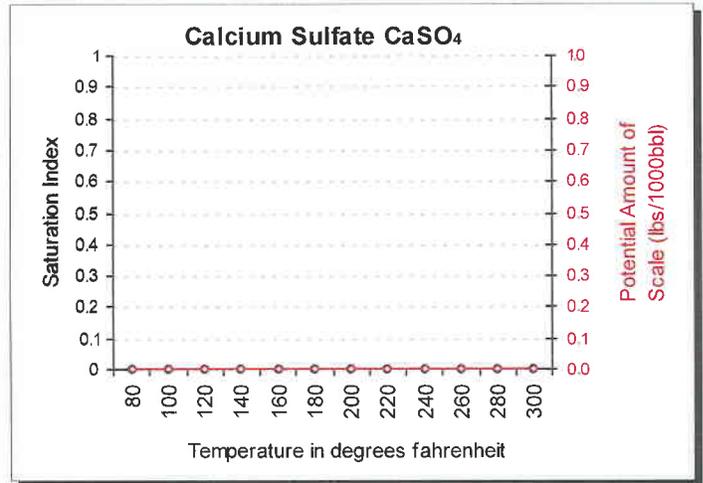
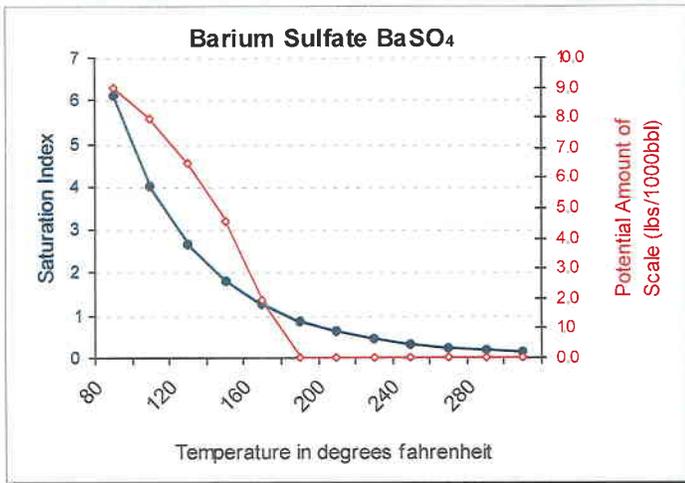
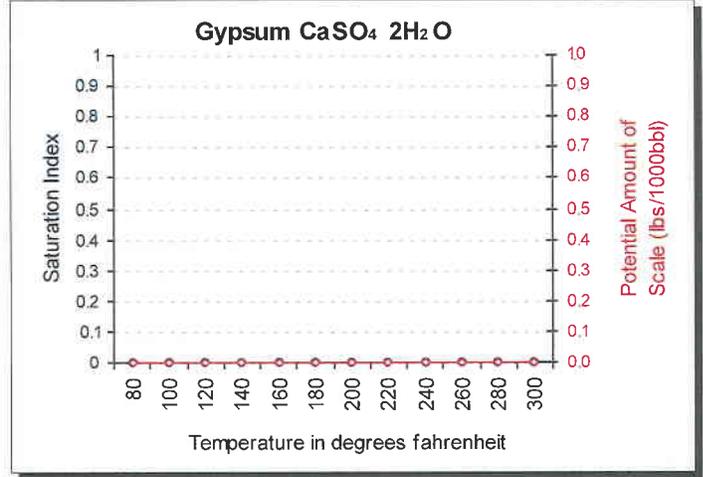
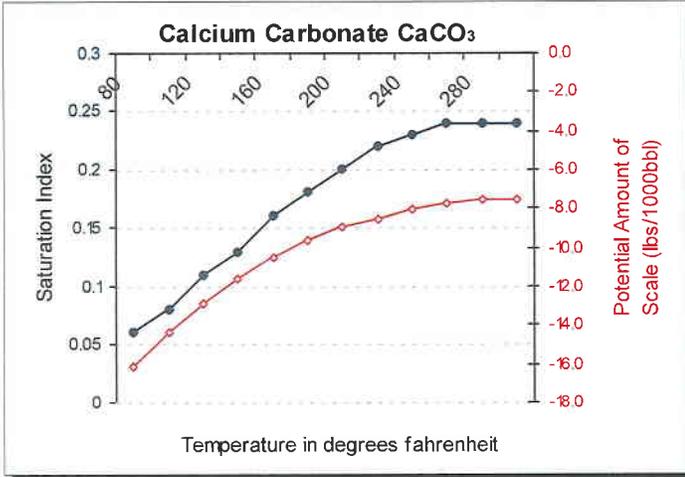
**Notes:**

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

## Scale Prediction Graphs

Well Name: **Ashley 14-15-9-15**

Sample ID: **WA-42898**



**Attachment "G"**

**Ashley Federal 14-15-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5559	5614	5587	1980	0.79	1944 ←
5084	5117	5101	2500	0.92	2467
4684	4719	4702	2500	0.97	2470
				<b>Minimum</b>	<u>1944</u>

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

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

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

# NEWFIELD



**ATTACHMENT G-1**  
1 of 7

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 14-15-9-15      **Report Date:** Sept. 23, 2004      **Completion Day:** 01  
**Present Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 305'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6020'      **Csg PBTD:** 5963' WL  
**Tbg:**      **Size:** \_\_\_\_\_      **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_      **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP Stray	5559-5563'	4/16	_____	_____	_____
CP1 sds	5606-5614'	4/32	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Sept. 22, 2004      **SITP:** \_\_\_\_\_      **SICP:** 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU HO trk & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Patterson WLT & run CBL under pressure. WLTD @ 5963' & cmt top @ 150'. Perf stage #1 W/ 4" ported guns as follows: CP1 sds @ 5606-14' and CP Stray @ 5559-63'. All 4 JSPF in 1 run. SIFN W/ est 143 BWTR.

**Starting fluid load to be recovered:** 143      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 0      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 143      **Cum oil recovered:** 0  
**IFL:** \_\_\_\_\_      **FFL:** \_\_\_\_\_      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

### COSTS

Weatherford BOP	\$130
NPC NU crew	\$300
NDSI trucking	\$1,200
Patterson CBL/CP-ST	\$5,263
Drilling cost	\$230,634
Zubiate HO trk	\$400
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$950
Admin. Overhead	\$3,000
NPC supervision	\$300

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

**DAILY COST:** \$243,977  
**TOTAL WELL COST:** \$243,977





### DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 14-15-9-15      **Report Date:** Oct. 2, 2004      **Completion Day:** 03a  
**Present Operation:** Completion      **Rig:** Rigless

#### WELL STATUS

**Surf Csg:** 8 5/8 @ 305'      **Prod Csg:** 5 1/2      **Wt:** 15.5# @ 6020'      **Csg PBTD:** 5963' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5220'  
**KB @ 12'**

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP stray	5559-5563'	4/16
			CP1 sds	5606-5614'	4/32
A1 sds	5084-5098'	4/56			
A3 sds	5105-5117'	4/48			

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 1, 2004      **SITP:** \_\_\_\_\_ **SICP:** 900

Day3a.

RU Patterson WLT, mast & lubricator. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 10' perf gun. Set plug @ 5220'. Perforate A3 sds @ 5105-5117' & A1 sds @ 5084-5098' w/ 4" Port guns ( 19 gram, .41"HE, 90° ), w/ 4 spf for total of 104 shots. RU BJ & frac stage #2 w/ 135,492#'s of 20/40 sand in 928 bbls Lightning 17 frac fluid. Open well w/ 900 psi on casing. Perfs broke down @ 2413 psi, back to 990 psi. Treated @ ave pressure of 2040, w/ ave rate of 30.9 bpm, w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2500. 1461 bbls EWTR. Leave pressure on well.

**See day2b.**

**Starting fluid load to be recovered:** 533      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 928      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1461      **Cum oil recovered:** 0  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

#### STIMULATION DETAIL

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

10206 gals of pad  
6694 gals w/ 1-5 ppg of 20/40 sand  
13372 gals w/ 5-8 ppg of 20/40 sand  
3622 gals w/ 8 ppg of 20/40 sand  
Flush w/ 5082 gals of slick water

#### COSTS

Weatherford BOP	\$50
Weatherford Services	\$650
Betts frac water	\$1,390
NPC fuel gas	\$290
BJ Services A sds	\$25,400
NPC Supervisor	\$100
Patterson A sds	\$4,400

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

**Max TP:** 2195      **Max Rate:** 32.4      **Total fluid pmpd:** 928 bbls  
**Avg TP:** 2040      **Avg Rate:** 30.9      **Total Prop pmpd:** 135,492#'s  
**ISIP:** 2500      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .95  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$32,280  
**TOTAL WELL COST:** \$297,270









## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4634'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 188' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 41 sx Class "G" Cement down 5-1/2" casing to 356'

The approximate cost to plug and abandon this well is \$59,344.

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

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

Initial Production: BOPD,  
 MCFD, BWPD

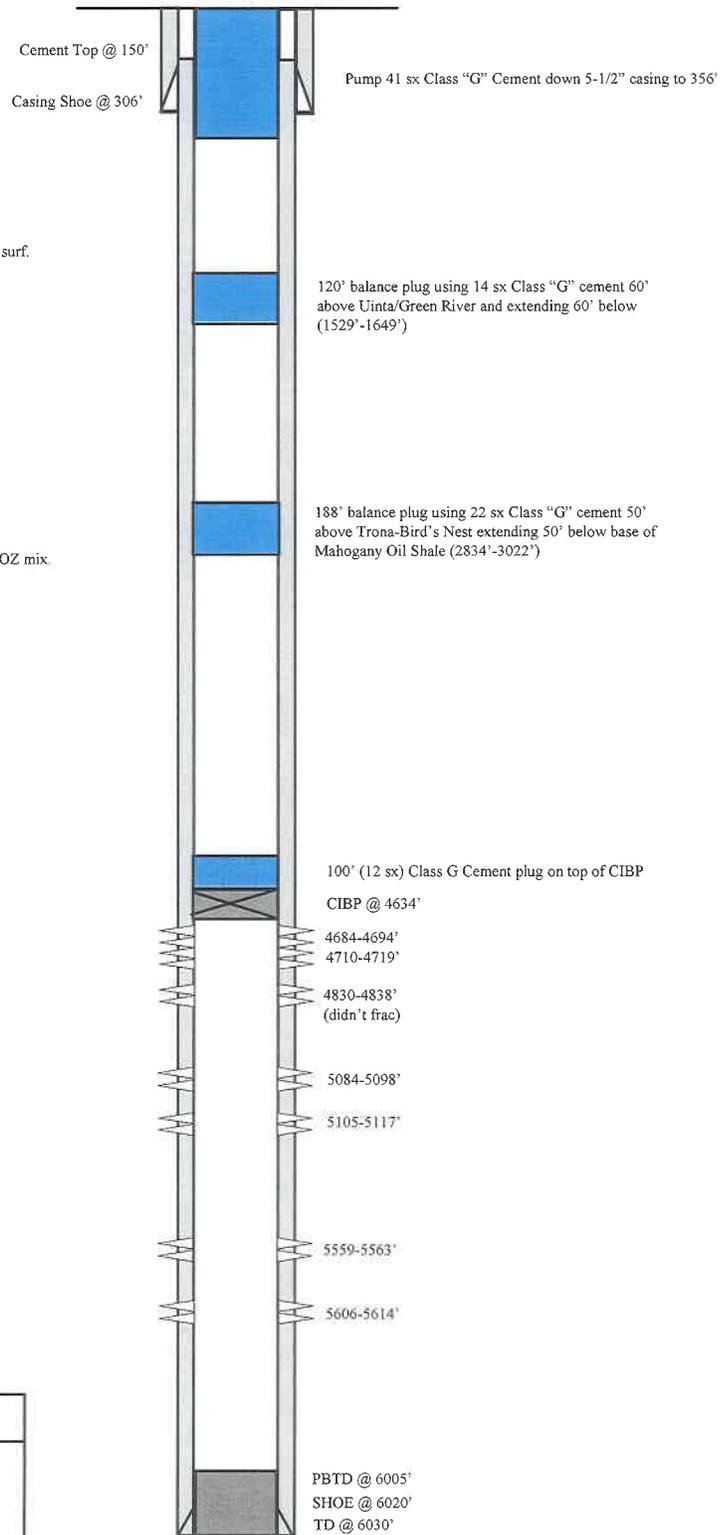
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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



 <b>NEWFIELD</b>
<b>Ashley Federal 14-15-9-15</b> 465' FSL 1409' FWL SE/SW Section 15-T9S-R15E Duchesne Co., Utah API# 43-013-32440; Lease # UTU-68548

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

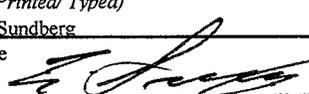
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-68548
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address    Route 3 Box 3630 Myton, UT 84052	3b. Phone    (include are code) 435 646 3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well    (Footage, Sec., T., R., M., or Survey Description) 465 FSL 1409 FWL  SESW    Section 15 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 14-15-9-15
		9. API Well No. 4301332440
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Lead
Signature 	Date 7/16/10

**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

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 14-15-9-15

**Location:** 15/9S/15E      **API:** 43-013-32440

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

**Well Integrity:** The proposed well has surface casing set at 306 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,020 feet. A cement bond log demonstrates adequate bond in this well up to 3,748 feet. A 2 7/8 inch tubing with a packer will be set at 4,634 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 11 producing wells, 8 injection wells, and 1 shut-in oil well in the AOR. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1400 feet. Injection shall be limited to the interval between 3,983 feet and 6,005 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-15-9-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,944 psig. The requested maximum pressure is 1,944 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 groundwater present should be adequately protected.

**Ashley Federal 14-15-9-15**  
**page 2**

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date 8/31/2010

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Ashley Federal 12-14-9-15 well located in NW/4SW/4, Section 14, Township 9 South, Range 15 East

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

Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East

South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East

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

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

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

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

Dated this 11th day of August, 2010.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 12-14-9-15, ASHLEY FEDERAL 14-15-9-15,  
ASHLEY FEDERAL 2-22-9-15, SOUTH WELLS DRAW FEDERAL 1-9-9-16,  
JONAH FEDERAL 16-14-9-16.**

**Cause No. UIC-367**

Publication Notices were sent to the following:

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

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

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

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

  
\_\_\_\_\_

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 8/12/2010 11:07 AM  
**Subject:** CAUSE NO. UIC-367

Subject public notice will be published Aug. 17, 2010  
Thank you  
Cindy



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

August 11, 2010

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 8/11/2010 4:24 PM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

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Ad #607995 is scheduled to run August 16th in Salt Lake Tribune, Deseret News and on the website: [utahlegals.com](http://utahlegals.com)

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez  
MEDIAONE OF UTAH,  
a Newspaper Agency Company  
4770 South 5600 West  
West Valley City, Utah 84118  
Ph.: 801-204-6245  
Email: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

---

**From:** Jean Sweet [<mailto:jsweet@utah.gov>]  
**Sent:** Wednesday, August 11, 2010 1:39 PM  
**To:** [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
**Subject:** Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

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

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

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

Sincerely,



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 11, 2010

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

# AFFIDAVIT OF PUBLICATION

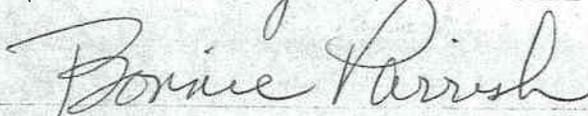
County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17<sup>th</sup> day of August, 2010, and that the last publication of such notice was in the issue of such newspaper dated the 17<sup>th</sup> day of August, 2010, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Editor

Subscribed and sworn to before me this  
17 day of August, 2010



Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-367

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East

South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9,

Township 9 South, Range 16 East

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

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

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

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

Dated this 11th day of August, 2010.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
Published in the Uintah Basin Standard Aug. 17, 2010.

Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number	4195	Invoice Date	8/17/2010
Advertiser No.	2080	Invoice Amount	\$108.00
		Due Date	9/16/2010

Rose Nolton  
 DIVISION OF OIL GAS & MINING  
 1594 W. N.TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

**Amount Enclosed**

Please detach top portion and return with your payment.

**INVOICE**

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 4195	8/17/2010	
Date	Order	Publications	Description	Ad Size	Sales Tax	Amount
8/17/2010	2190	1	Notice of Agency Action (Newfield Cause No. UIC-367) Pub Aug 17, 2010 Uintah Basin Standard		\$0.00	\$108.00
				<b>Total Transactions:</b>	1	\$0.00
						\$108.00

**SUMMARY**

Advertiser No. 2080      Invoice No. 4195

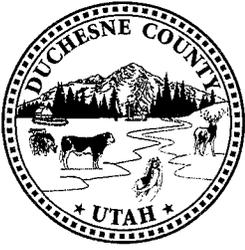
1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

**RECEIVED**  
**AUG 19 2010**  
 DIV. OF OIL, GAS & MINING

2250/REB/GG/ICAADMIN/GF 10/0131



*Duchesne County Planning, Zoning  
& Community Development  
734 North Center Street  
P.O. Box 317  
Duchesne, Utah 84021  
(435) 738-1152  
Fax (435) 738-5522*

August 17, 2010

Mr. Brad Hill, Permitting Manager  
Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

RECEIVED  
AUG 17 2010

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Cause No UIC-367)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert five wells in the Greater Monument Butte Unit, located in Sections 14, 15 and 22, Township 9 South, Range 15 East and Sections 9 and 14 in Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP  
Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

PROOF OF PUBLICATION

12-741

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	8/17/2010

RECEIVED  
AUG 23 2010  
DIV. OF OIL, GAS & MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000607995 /
SCHEDULE	
Start 08/16/2010	End 08/16/2010
CUST. REF. NO.	
UIC 367	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
65 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
223.40	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.

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

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

Dated this 11th day of August, 2010.

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

AFFIDAVIT OF PUBLICATION

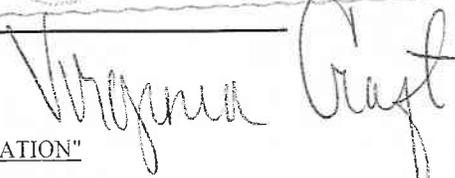
AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 08/16/2010 End 08/16/2010

SIGNATURE 

DATE 8/17/2010

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



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

2250/08R/C/110/ADMIN/CF10/6131

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

The Salt Lake Tribune  
WWW.SLTTRIB.COM

MEDIA One  
A NEWSPAPER AGENCY COMPANY  
WWW.MEDIAONEUTAH.COM

Deseret News  
WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	8/17/2010

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000607995 /
SCHEDULE	
Start 08/16/2010	End 08/16/2010
CUST. REF. NO.	
UIC 367	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
65 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
223.40	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-367

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Greater Monument Butte Unit:  
Ashley Federal 12-14-9-15 well located in NW/4SW/4 Section 14, Township 9 South, Range 15 East  
Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East  
Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East  
South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East  
Jonah Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East

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

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

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

Dated this 11th day of August, 2010.

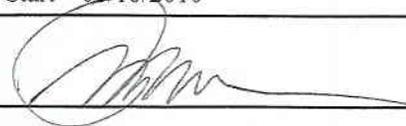
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Brad Hill  
Permitting Manager

607995 UPAXLP

AFFIDAVIT OF PUBLICATION

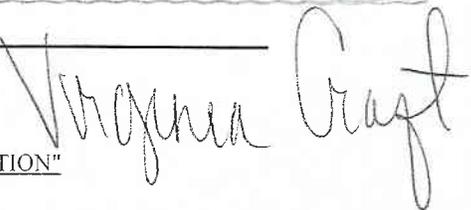
AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 08/16/2010 End 08/16/2010

SIGNATURE 

DATE 8/17/2010

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



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



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 20, 2010

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 14-15-9-15, Section 15, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32440

Gentlemen:

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

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

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

Sincerely,



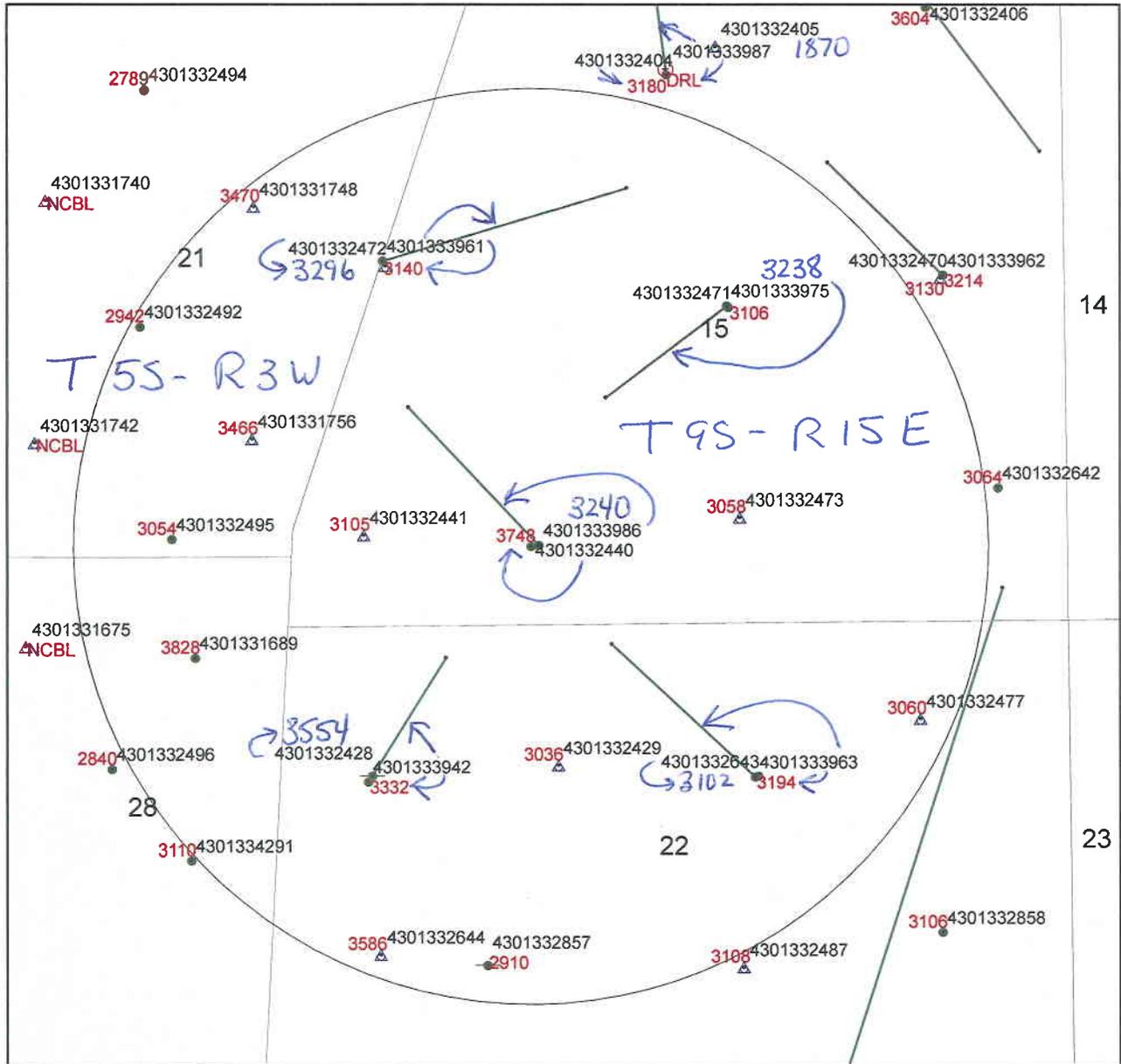
Dan Jarvis  
Acting Associate Director

DJJ/MLR/js

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

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





# ASHLEY FEDERAL 14-15-9-15

## API #43-013-32440

### UIC-367.5

**Legend**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Buffer_of_SGID93_ENERGY_DNROIGasWells_20</li> <li><span style="color: red; font-size: 1.2em;">•</span> Wells-CbtopsMaster9_13_10</li> <li><span style="color: red; font-size: 1.2em;">/</span> GAS INJECTION</li> <li><span style="color: green; font-size: 1.2em;">●</span> TW</li> <li><span style="color: red; font-size: 1.2em;">●</span> TA</li> <li><span style="color: blue; font-size: 1.2em;">●</span> OPS</li> <li><span style="color: green; font-size: 1.2em;">●</span> GS</li> <li><span style="color: black; font-size: 1.2em;">○</span> APD</li> <li><span style="color: black; font-size: 1.2em;">⊕</span> PA</li> <li><span style="color: black; font-size: 1.2em;">×</span> LA</li> <li><span style="color: red; font-size: 1.2em;">*</span> GAS STORAGE</li> <li><span style="color: black; font-size: 1.2em;">×</span> LOCATION ABANDONED</li> <li><span style="color: black; font-size: 1.2em;">○</span> NEW LOCATION</li> <li><span style="color: black; font-size: 1.2em;">⊖</span> PLUGGED &amp; ABANDONED</li> <li><span style="color: red; font-size: 1.2em;">*</span> PRODUCING GAS</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: black; font-size: 1.2em;">●</span> PRODUCING OIL</li> <li><span style="color: red; font-size: 1.2em;">✱</span> SHUT-IN GAS</li> <li><span style="color: black; font-size: 1.2em;">●</span> SHUT-IN OIL</li> <li><span style="color: black; font-size: 1.2em;">✕</span> TEMP. ABANDONED</li> <li><span style="color: red; font-size: 1.2em;">○</span> TEST WELL</li> <li><span style="color: blue; font-size: 1.2em;">▲</span> WATER INJECTION</li> <li><span style="color: blue; font-size: 1.2em;">⊕</span> WATER SUPPLY</li> <li><span style="color: blue; font-size: 1.2em;">⊖</span> WATER DISPOSAL</li> <li><span style="color: red; font-size: 1.2em;">⊕</span> DRILLING</li> <li><span style="color: red; font-size: 1.2em;">▲</span> RETURNED GAS</li> <li><span style="color: red; font-size: 1.2em;">▲</span> RETURNED OIL</li> <li><span style="color: red; font-size: 1.2em;">✱</span> GAS INJECTION SI</li> <li><span style="color: blue; font-size: 1.2em;">▲</span> WATER DISP. SUSP.</li> <li><span style="color: blue; font-size: 1.2em;">⊖</span> WATER INJ. SUSP.</li> <li><span style="color: red; font-size: 1.2em;">—</span> county-lines</li> <li><span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Sections</li> <li><span style="color: black; font-size: 1.2em;">—</span> SGID93_ENERGY_DNROIGasWells_HDPATH</li> </ul> |
|--|--|



1870calc = approx cement top calculated from well completion report





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

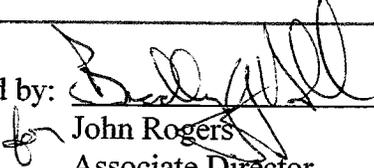
Cause No. UIC-367

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 14-15-9-15  
**Location:** Section 15, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32440  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 20, 2010.
2. Maximum Allowable Injection Pressure: 1,944 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,983' – 6,005')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

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

  
John Rogers  
Associate Director

04-14-11  
\_\_\_\_\_  
Date

JR/MLR/js

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

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

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



**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

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

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 14-15-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332440

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:  
GREATER MB UNIT

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 465 FSL 1409 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 15, 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:  03/22/2011	<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 type="checkbox"/> OTHER: -
	<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.

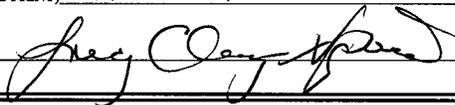
The subject well has been converted from a producing oil well to an injection well on 03/18/2011.

On 03/21/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2011 the casing was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-32440

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE 

DATE 03/29/2011

(This space for State use only)

**RECEIVED**  
**APR 07 2011**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-68548
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 465 FSL 1409 FWL SESW Section 15 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 14-15-9-15
		9. API Well No. 4301332440
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

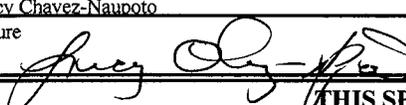
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<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 subject well has been converted from a producing oil well to an injection well on 03/18/2011. On 03/21/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2011 the casing was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-32440

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Water Services Technician
Signature 	Date 03/29/2011

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

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

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

(Instructions on page 2)

**RECEIVED**

**APR 07 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 3/22/11 Time 10:00 am pm  
Test Conducted by: Cole Herli's  
Others Present: \_\_\_\_\_

Well: Ashley Federal 14-15-9-15 Field: Monument Butte  
Well Location: SE/5 W Sec. 15, T9S R15E API No: 43-013-32440

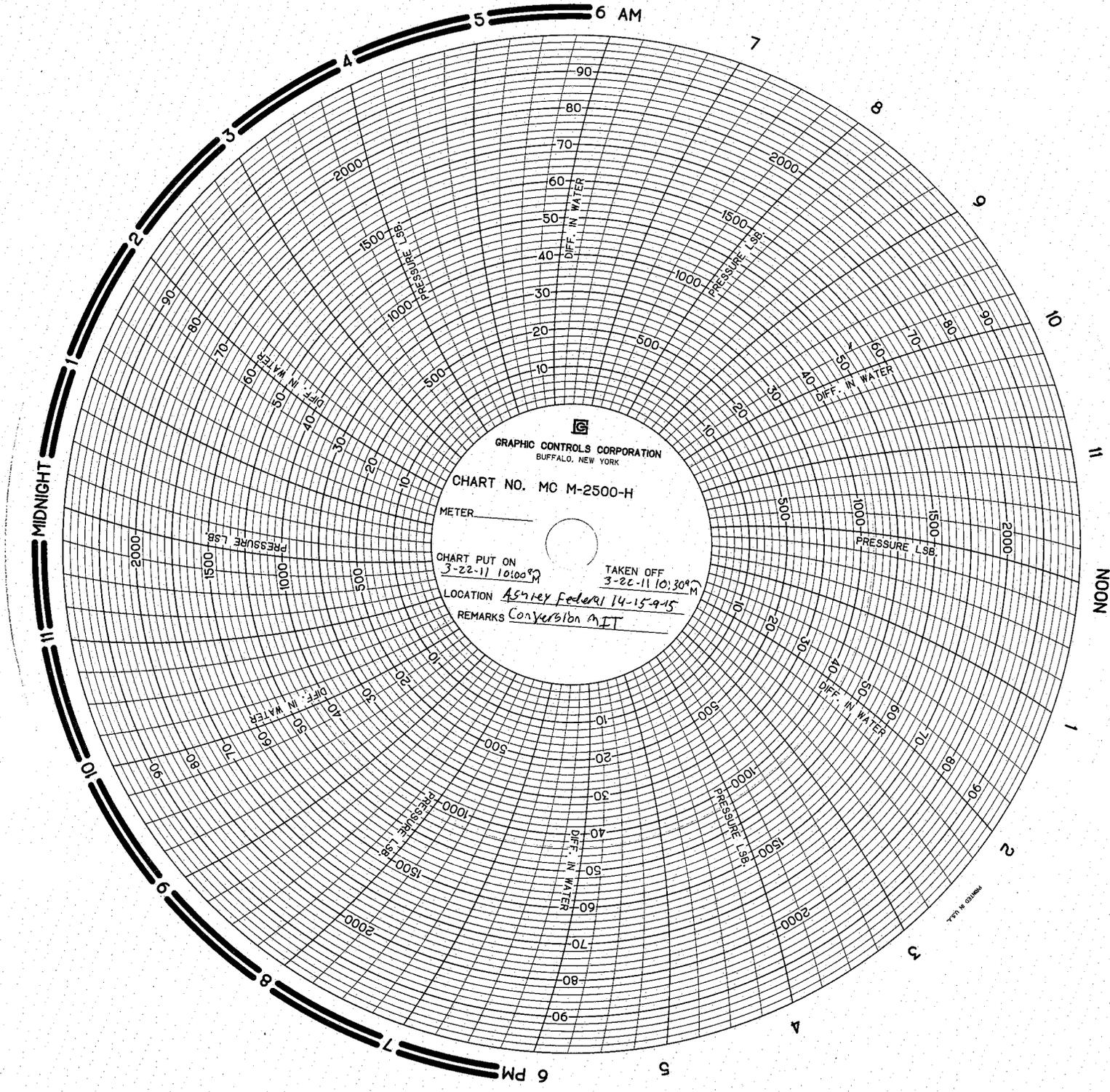
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1080</u>	psig
5	<u>1080</u>	psig
10	<u>1040</u>	psig
15	<u>1060</u>	psig
20	<u>1040</u>	psig
25	<u>1060</u>	psig
30 min	<u>1080</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 100 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Cole Herli's



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER \_\_\_\_\_

CHART PUT ON  
3-22-11 10:00 AM

TAKEN OFF  
3-22-11 10:30 AM

LOCATION Ashey Federal 14-15-9-15

REMARKS Conversion MIT

TYPE 14 (2000)

**Daily Activity Report****Format For Sundry****ASHLEY 14-15-9-15****1/1/2011 To 5/30/2011****3/18/2011 Day: 1****Conversion**

WWS #7 on 3/18/2011 - MIRU Western rig #7. LD rod string & pump. Start TOH W/ production tbg. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5571'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 40 jts. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5571'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 40 jts. SIFN. **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$31,437****3/21/2011 Day: 2****Conversion**

WWS #7 on 3/21/2011 - Con't TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 32 jts & BHA. Flushed tbg W/ add'l 30 BW on TOH. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 142 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4636', CE @ 4641' & EOT @ 4645'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 32 jts & BHA. Flushed tbg W/ add'l 30 BW on TOH. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 142 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4636', CE @ 4641' & EOT @ 4645'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

**Daily Cost: \$0****Cumulative Cost: \$36,883****3/28/2011 Day: 3****Conversion**

Rigless on 3/28/2011 - Conversion MIT - On 3/21/2011 Dennis Ingram with the State of Utah

DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 14-15-9-15). On 3/22/2011 the csg was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 100 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-32440 - On 3/21/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 14-15-9-15). On 3/22/2011 the csg was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 100 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-32440 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$62,203

---

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

**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:

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.

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL:      OIL WELL       GAS WELL       OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 14-15-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332440

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

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 465 FSL 1409 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN:    SESW, 15, T9S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT <small>(Submit in Duplicate)</small>  Approximate date work will <u>05/19/2011</u>	<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"/> SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>  Date of Work Completion: _____	<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 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: - Put on Injection
	<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 above reference well was put on injection at 2:00 PM on 05/19/2011.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto      TITLE Water Services Technician

SIGNATURE *Lucy Chavez-Naupoto*      DATE 05/20/2011

(This space for State use only)

**RECEIVED**  
**MAY 25 2011**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
USA UTU-68548

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
ASHLEY FEDERAL 14-15-9-15

9. API Well No.  
4301332440

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

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
465 FSL 1409 FWL  
SESW Section 15 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	<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	Put 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 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.)

The above reference well was put on injection at 2:00 PM on 05/19/2011.

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Lucy Chavez-Naupoto

Signature 

Title  
Water Services Technician

Date  
05/20/2011

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

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

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

Office \_\_\_\_\_

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

(Instructions on page 2)

**RECEIVED**

**MAY 25 2011**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 14-15-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013324400000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<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> 0465 FSL 1409 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 15 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/18/2016	<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="5 YR MIT"/>

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

On 02/16/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/18/2016 the casing was pressured up to 1095 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1845 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 25, 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> 2/24/2016	

# 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 2/18/16 Time 9:52 am pm

Test Conducted by: Michael Jensen

Others Present: Justin Hollinger

Well: Ashley Federal 14-15-9-15 Field: Greater Monument Butte  
Well Location: SE/sw Sec. 15, T9S, R15E API No: 43-013-32440

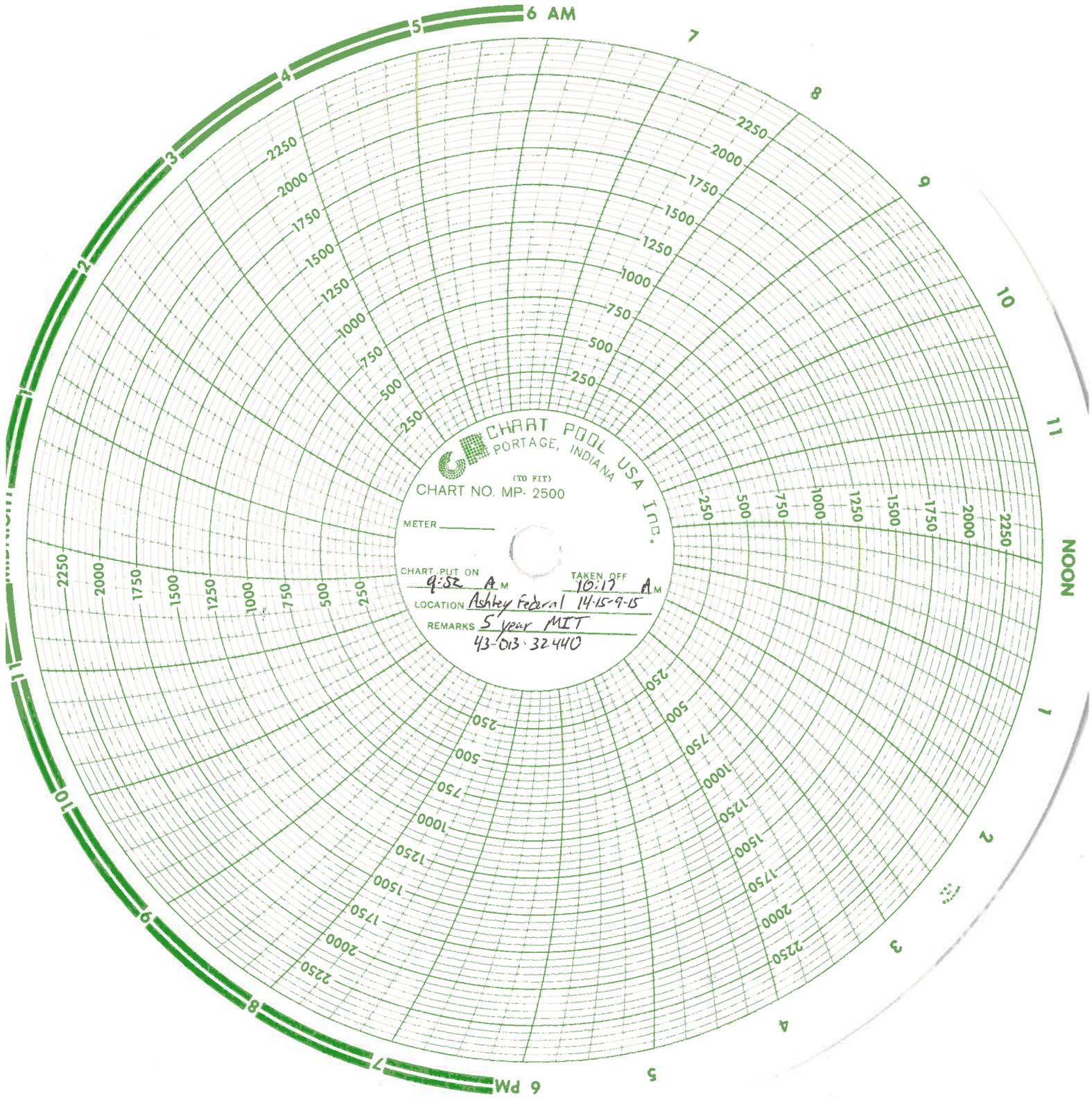
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<del>1090</del> 1090	psig
5	1090	psig
10	1090	psig
15	1095	psig
20	1095	psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1845 psig

Result: Pass Fail

Signature of Witness: Amy Doebele

Signature of Person Conducting Test: Michael Jensen





43-013-32440

Well Name: Ashley 14-15-9-15

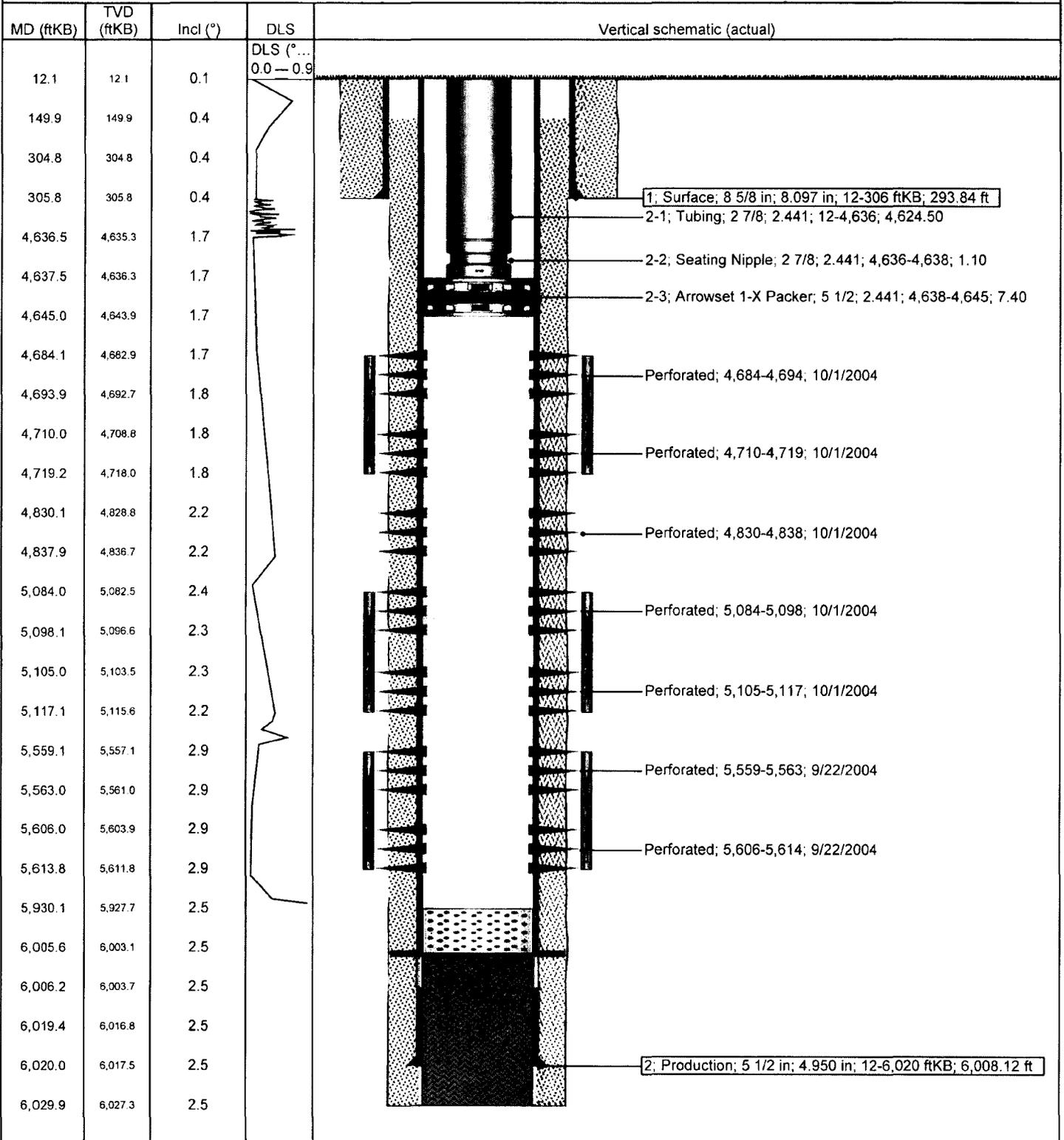
Surface Legal Location 15-9S-15E		API/UWI 43013324400000	Well RC 500151844	Lease	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 8/23/2004	Rig Release Date 9/12/2004	On Production Date 10/6/2004	Original KB Elevation (ft) 6,403	Ground Elevation (ft) 6,391	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,005.7	

Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 2/18/2016	Job End Date 2/18/2016
-------------------------	------------------	---------------------------	-----------------------------	---------------------------

TD: 6,030.0

Vertical - Original Hole, 3/31/2016 9:38:31 AM





## Newfield Wellbore Diagram Data Ashley 14-15-9-15

Surface Legal Location 15-9S-15E		API/UWI 43013324400000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 8/23/2004		Spud Date 8/23/2004		Final Rig Release Date 9/12/2004	
Original KB Elevation (ft) 6,403		Ground Elevation (ft) 6,391		Total Depth (ftKB) 6,030.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 6,005.7	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/23/2004	8 5/8	8.097	24.00	J-55	306
Production	9/11/2004	5 1/2	4.950	15.50	J-55	6,020

### Cement

#### String: Surface, 306ftKB 8/24/2004

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 305.8	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 150	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 6,020ftKB 9/11/2004

Cementing Company BJ Services Company		Top Depth (ftKB) 150.0	Bottom Depth (ftKB) 6,030.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3% KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake + 5#BLSF		Fluid Type Lead	Amount (sacks) 285	Class PL II	Estimated Top (ftKB) 150.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 375	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

### Tubing Strings

Tubing Description Tubing		Run Date 3/18/2011			Set Depth (ftKB) 4,645.0			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	142	2 7/8	2.441	6.50	J-55	4,624.50	12.0	4,636.5
Seating Nipple		2 7/8	2.441			1.10	4,636.5	4,637.6
Arrowset 1-X Packer		5 1/2	2.441			7.40	4,637.6	4,645.0

### Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

### Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,930	6,006	12/15/2010	

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	D1, Original Hole	4,684	4,694	4	90	0.410	10/1/2004
4	D2, Original Hole	4,710	4,719	4	90	0.410	10/1/2004
3	C, Original Hole	4,830	4,838	4	90	0.410	10/1/2004
2	A1, Original Hole	5,084	5,098	4	90	0.410	10/1/2004
2	A3, Original Hole	5,105	5,117	4	90	0.410	10/1/2004
1	CP Stray, Original Hole	5,559	5,563	4	90		9/22/2004
1	CP1, Original Hole	5,606	5,614	4	90		9/22/2004

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,980	0.79	24.7	2,510			
2	2,500	0.95	32.4	2,195			
3							
4	2,500	0.97	24.9	2,300			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 40404 lb
2		Proppant White Sand 135492 lb
3		0
4		Proppant White Sand 81058 lb