

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company

3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface NW/NW 258 199 At proposed Prod. Zone 847' FNL & 653' FWL

5. LEASE DESIGNATION AND SERIAL NO. U-74826
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Ashley
8. FARM OR LEASE NAME Ashley Unit
9. WELL NO. #4-1-9-15
10. FIELD AND POOL OR WILDCAT Ashley
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T9S, R15E
12. County Duchesne 13. STATE UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 11.4 Miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 653'

16. NO. OF ACRES IN LEASE 2189.98

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.

19. PROPOSED DEPTH 6500'

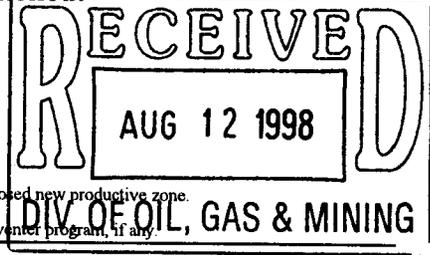
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5906.5' GR

22. APPROX. DATE WORK WILL START\* 4th Quarter 1997

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes text: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

The Conditions of Approval For Application For Permit To Drill are 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 prevention program, if any.

24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 8/10/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32118 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 Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 8/25/98

Federal Approval of this Action is Necessary

\*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.

Handwritten numbers: 569338, 35077

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

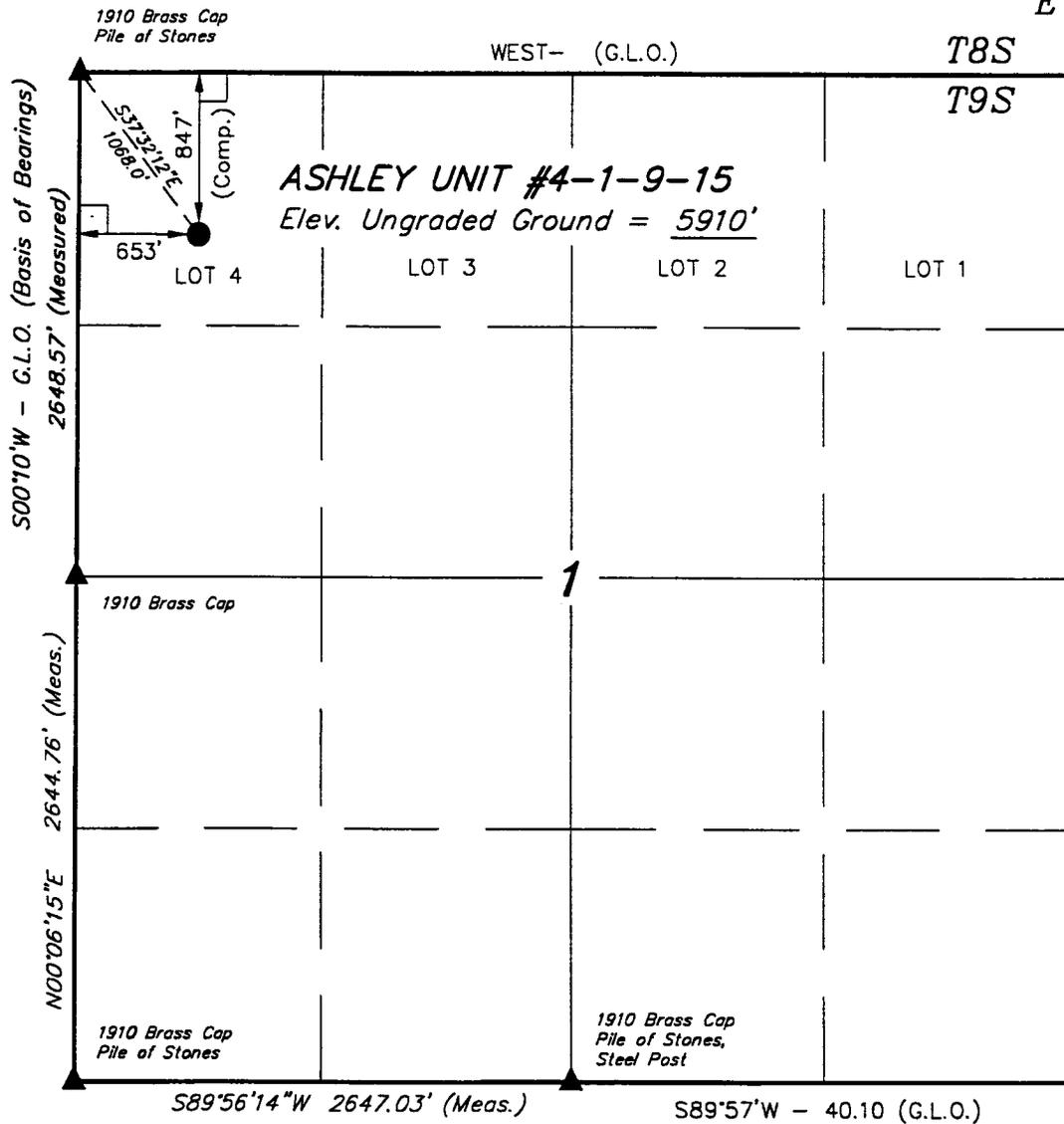
R R  
15 16  
E E

INLAND PRODUCTION CO.

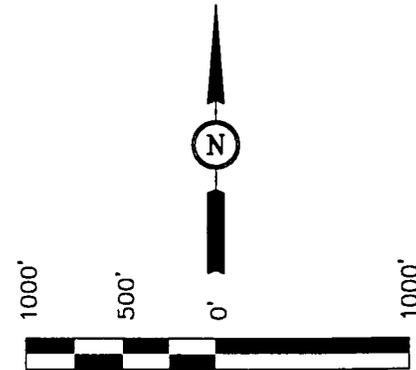
Well location, ASHLEY UNIT #4-1-9-15, located as shown in Lot 4 of Section 1, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 1, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5905 FEET.



NORTH - 80.00 (G.L.O.)



SCALE

CERTIFICATE

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

*Robert L. King*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-13-98	DATE DRAWN: 08-04-98
PARTY J.F. C.G. D.R..B	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**INLAND PRODUCTION COMPANY  
ASHLEY UNIT #4-1-9-15  
NW/NW SECTION 1, 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' - 1690'
Green River	1690'
Wasatch	6500'

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

Green River Formation 1690' – 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 "F".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
ASHLEY UNIT #4-1-9-15  
NW/NW SECTION 1, 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 Unit #4-1-9-15 located in the NW 1/4 NW 1/4 Section 1, T9S, R15E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.6 miles to its junction with an existing paved road to the southwest; proceed southwesterly along this road 2.4 miles to the junction of an existing dirt road to the southwest; proceed southwesterly along this road 2.4 miles to the junction of an existing dirt road to the southwest; proceed southwesterly 1.0 miles to its junction with an existing dirt road to the southeast; proceed southeasterly 1.6 miles to its junction with a dirt road to the southwest; proceed southwesterly 0.4 miles to its junction with a dirt road to the west; proceed westerly 0.4 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

**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 "C".

**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. See Exhibit "E".

ASHLEY UNIT #4-1-9-15

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). Refer to Exhibits "E" and "E-1".

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests that a pipeline ROW be granted to the Ashley Unit #4-1-9-15 for a 4" poly fuel gas line, and a 6" poly gas gathering line. Both lines will tie-in to the existing pipeline. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic Map "C".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (435) 789-1866

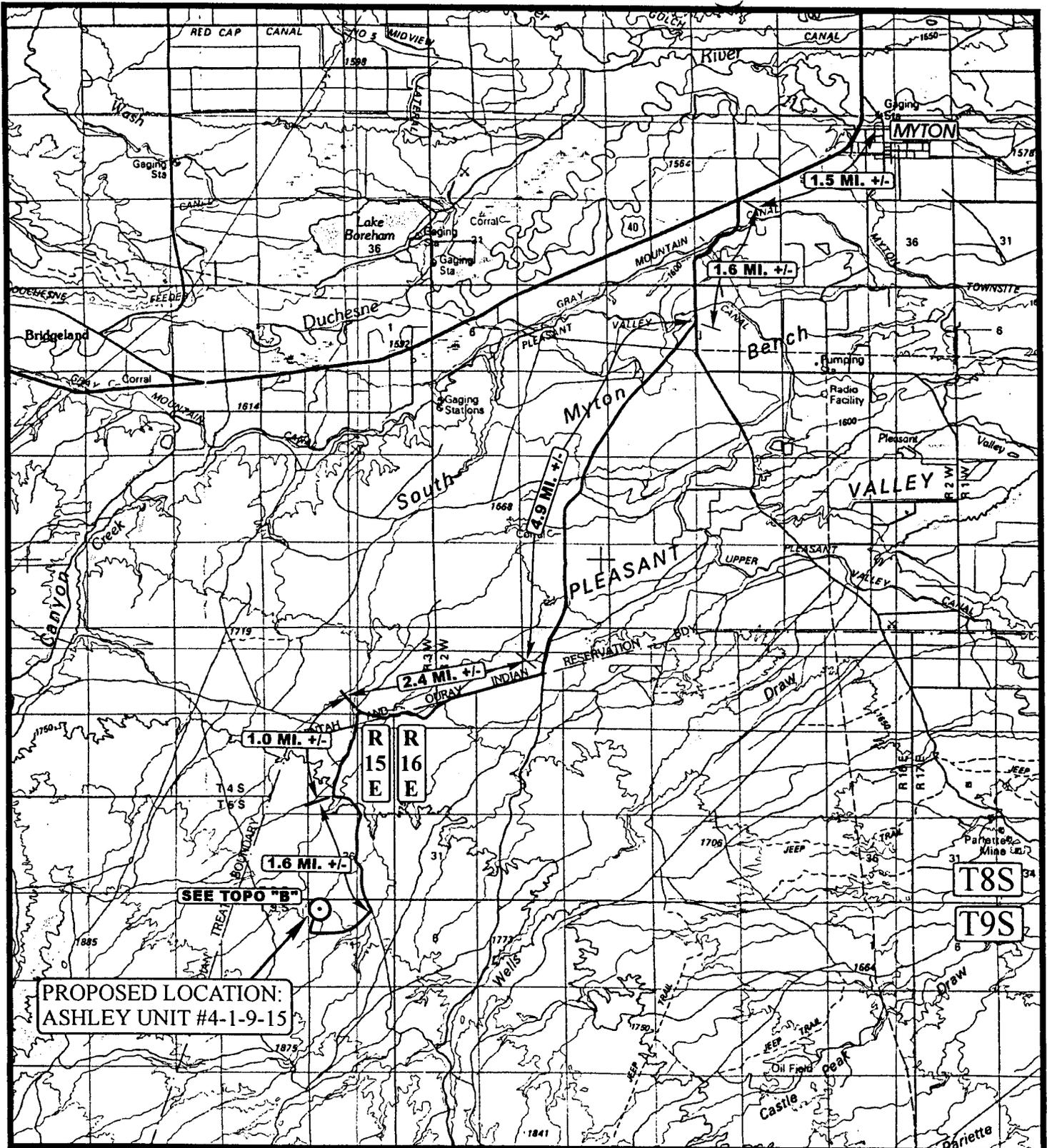
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-1-9-15 NW/NW Section 1, Township 9S, Range 15E: Lease U-74826, 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 I the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/10/98  
Date

  
Cheryl Cameron  
Regulatory Specialist



PROPOSED LOCATION:  
ASHLEY UNIT #4-1-9-15

**LEGEND:**

○ PROPOSED LOCATION



**INLAND PRODUCTION CO.**

ASHLEY UNIT #4-1-9-15  
SECTION 1, T9S, R15E, S.L.B.&M.  
847' FNL 653' FWL



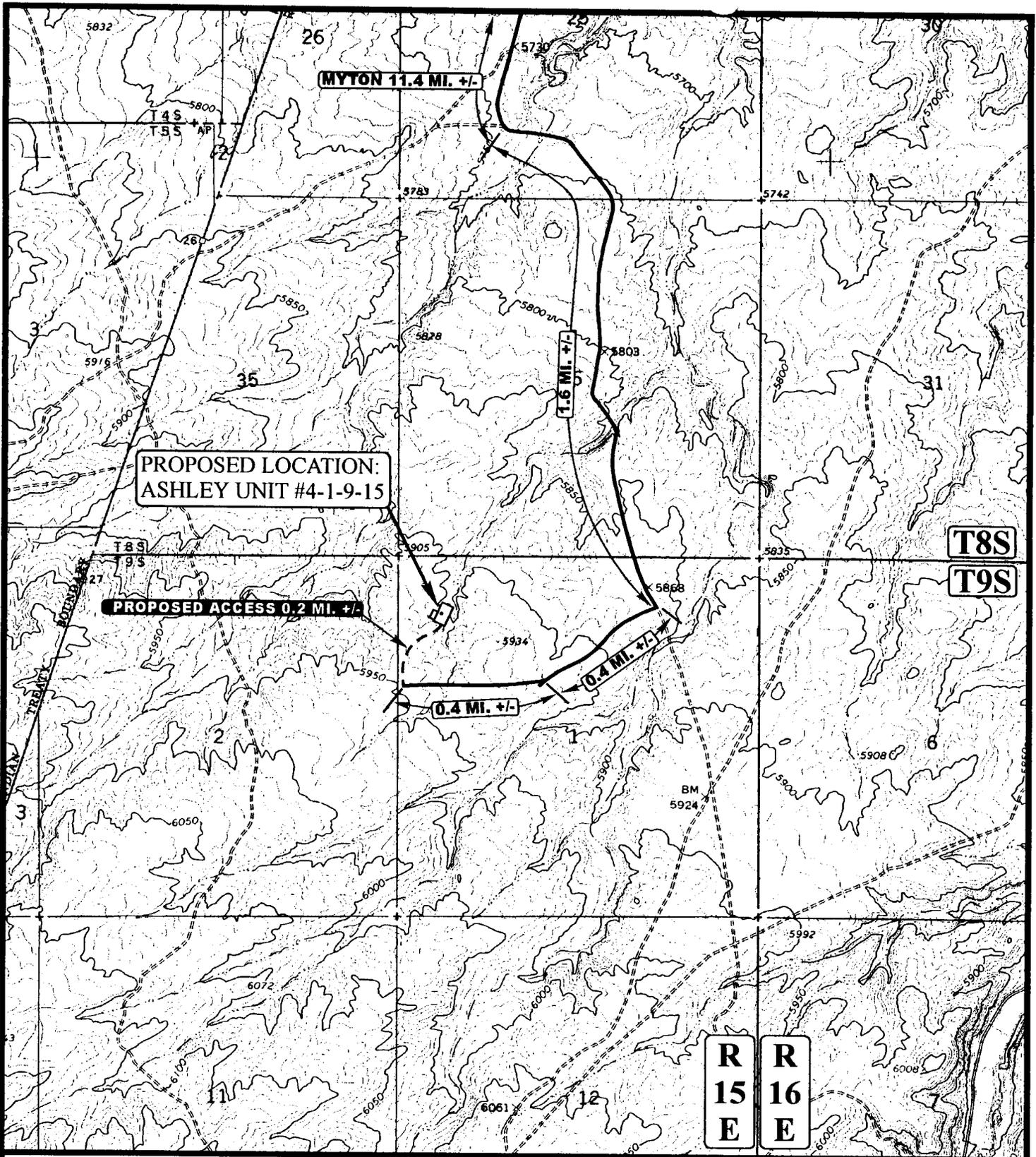
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

8 4 98  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**INLAND PRODUCTION CO.**

**ASHLEY UNIT #4-1-9-15**  
**SECTION 1, T9S, R15E, S.L.B.&M.**  
**847' FNL 653' FWL**

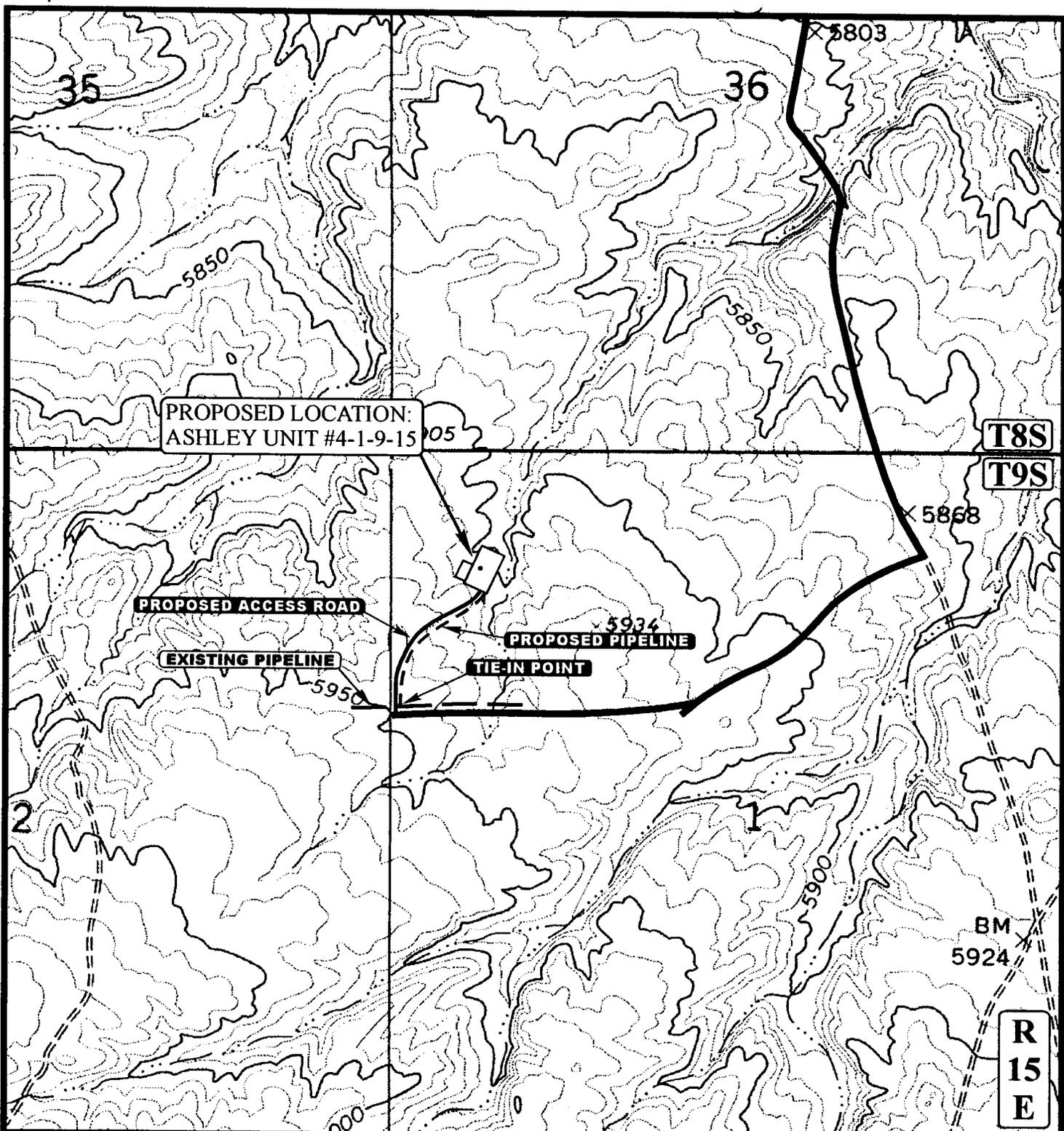


**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **8** **4** **98**  
**MAP** **MONTH** **DAY** **YEAR**  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 1100' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



**INLAND PRODUCTION CO.**

ASHLEY UNIT #4-1-9-15  
 SECTION 1, T9S, R15E, S.L.B.&M.  
 847' FNL 653' FWL

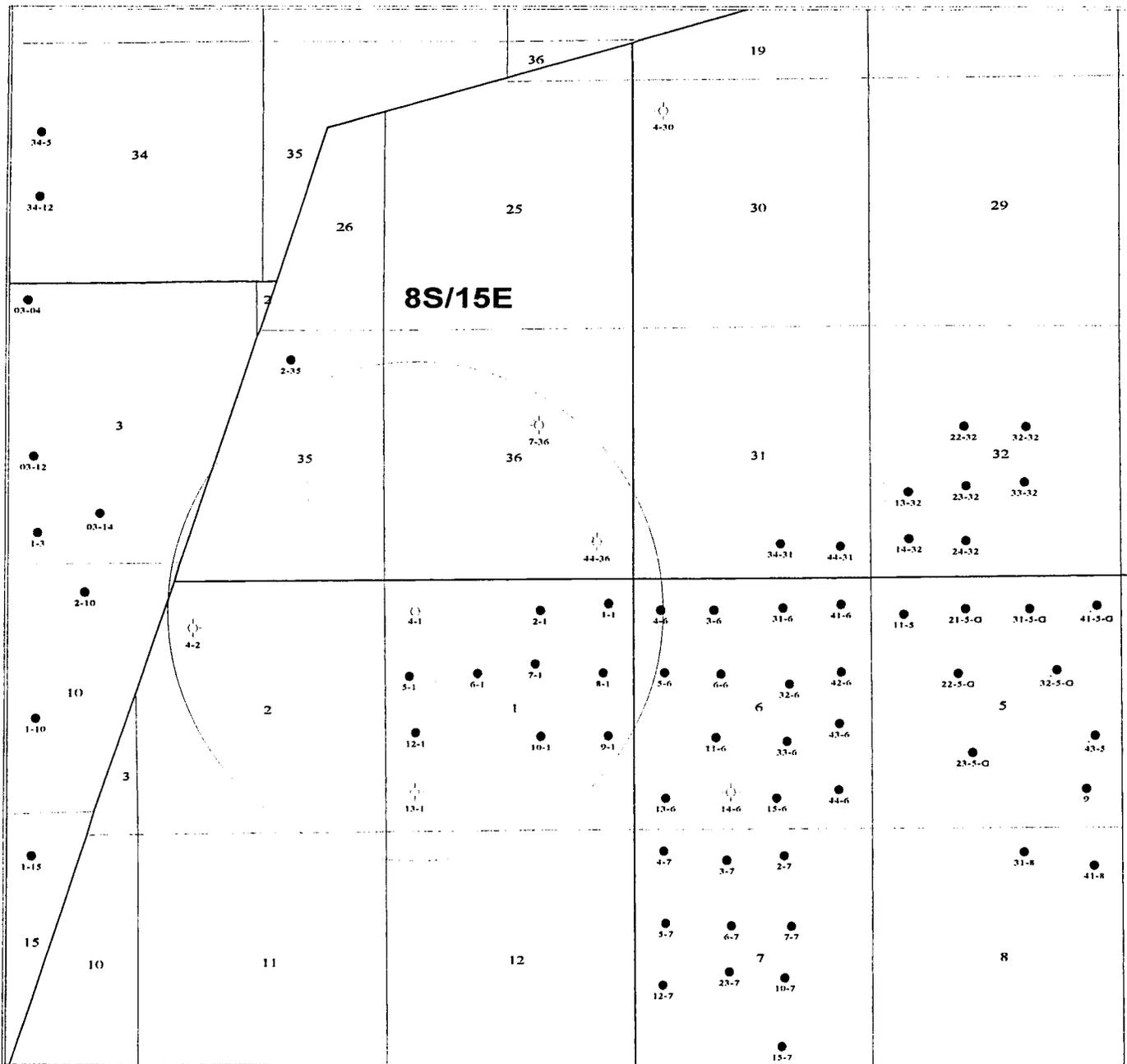


Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC **8 4 98**  
 MAP MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



EXHIBIT "D"

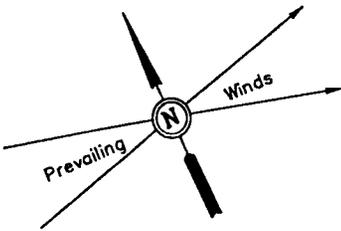


INLAND PRODUCTION COMPANY  
 ONE MILE RADIUS  
 Ashley Federal 4-1  
 Josh Atchison  
 Scale 1:8014.37  
 7/2008

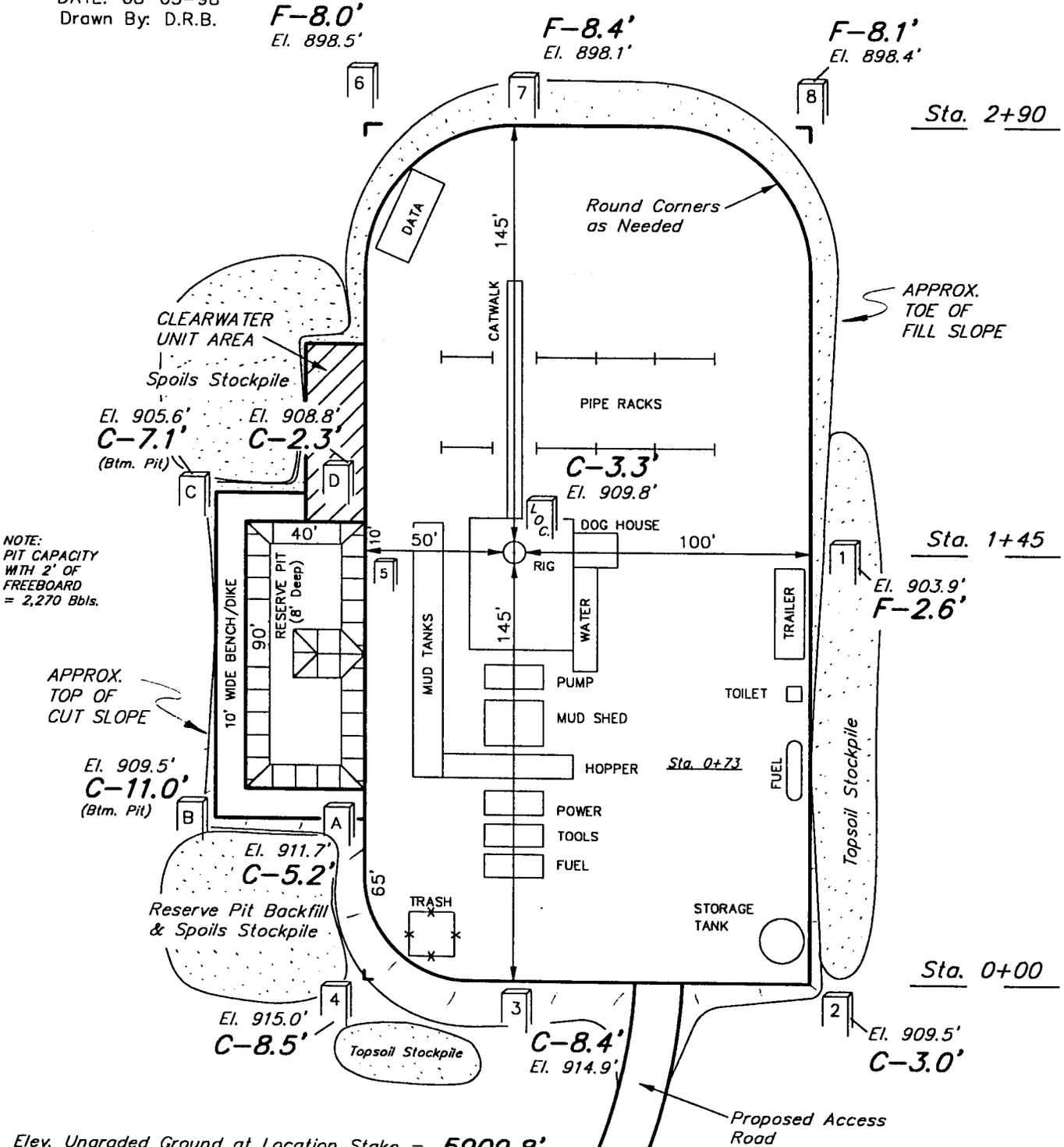
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

ASHLEY UNIT #4-1-9-15  
SECTION 1, T9S, R15E, S.L.B.&M.  
847' FNL 653' FWL



SCALE: 1" = 50'  
DATE: 08-05-98  
Drawn By: D.R.B.

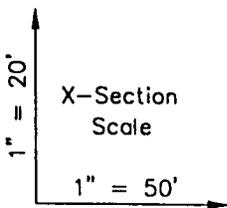


Elev. Ungraded Ground at Location Stake = 5909.8'  
Elev. Graded Ground at Location Stake = 5906.5'

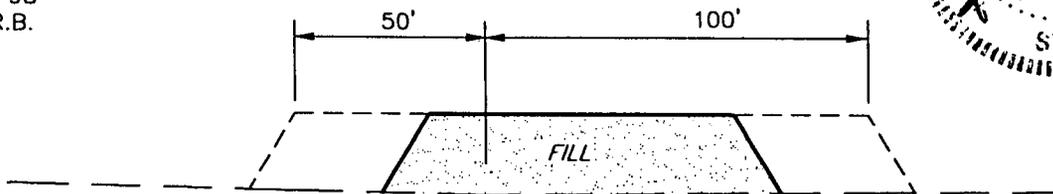
**INLAND PRODUCTION CO.**

**TYPICAL CROSS SECTIONS FOR**

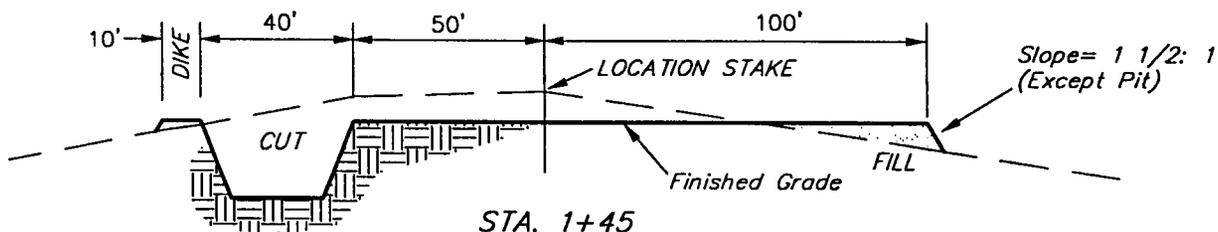
**ASHLEY UNIT #4-1-9-15**  
**SECTION 1, T9S, R15E, S.L.B.&M.**  
**847' FNL 653' FWL**



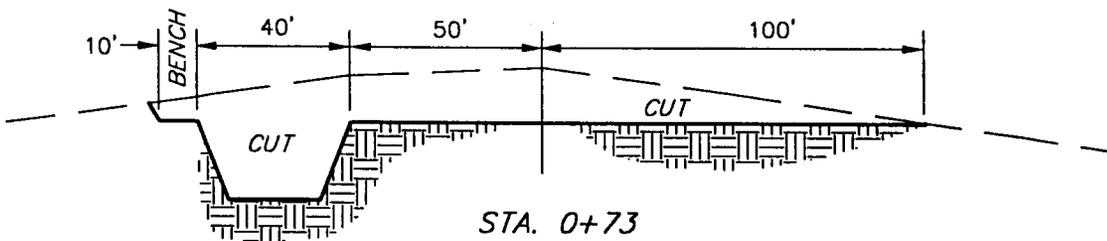
DATE: 08-05-98  
 Drawn By: D.R.B.



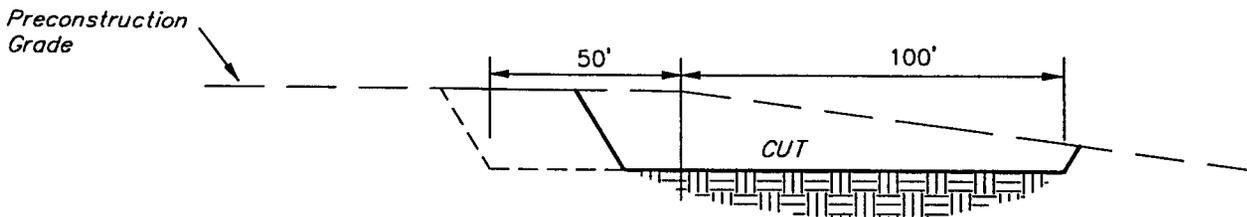
STA. 2+90



STA. 1+45



STA. 0+73



STA. 0+00

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 4,290 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,160 CU.YDS.</b>
<b>FILL</b>	<b>= 3,730 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,230 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

Well No.: Ashley 4-1

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley 4-1

API Number:

Lease Number: UTU-74826

Location: NWNW Sec. 1, T9S, R15E

**GENERAL**

Access pad from S, off of existing access road.

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

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

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

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

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**OTHER**





United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 1998 Plan of Development Ashley Unit Duchesne  
County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well(s) is/are planned for calendar year 1998 within the Ashley Unit, Duchesne County, Utah.

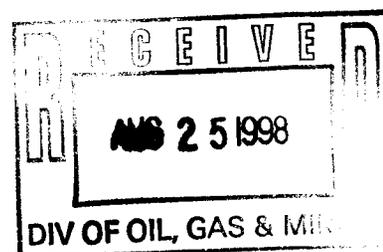
API #	WELL NAME	LOCATION
43-013-32117	ASHLEY UNIT 3-1-9-15	0660-FNL 1980-FWL 01 09S 15E
43-013-32118	ASHLEY UNIT 4-1-9-15	0847-FNL 0653-FWL 01 09S 15E

This office has no objection to permitting the well(s) at this time.

/s/ Michael L. Coulthard

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

MCoulthard:mc:--





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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

August 25, 1998

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: Ashley Unit 4-1-9-15 Well, 847' FNL, 653' FWL, NW NW,  
Sec. 1, T. 9 S., R. 15 E., 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 43-013-32118.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

lwp

Enclosures

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

Operator: Inland Production Company  
Well Name & Number: Ashley Unit 4-1-9-15  
API Number: 43-013-32118  
Lease: U-74826  
Location: NW NW Sec. 1 T. 9 S. R. 15 E.

### 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 prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

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24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 8/10/98

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL REFERENCED TO OPERATOR'S COPY

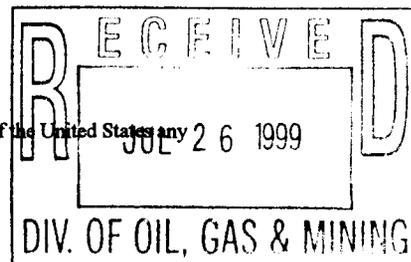
PERMIT NO. APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ACTING Assistant Field Manager Mineral Resources DATE JUL 20 1999

\*See Instructions On Reverse Side

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CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 4-1-9-15

API Number: 43-013-32118

Lease Number: U -74826

Location: NWNW Sec. 01 T. 9S R. 15E

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

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the shallowest potential productive zone.

**SURFACE USE PROGRAM**  
Conditions of Approval (COA)  
Inland Production Company - Well #4-1-9-15

**Location Reclamation**

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

needle and thread	<i>Stipa comata</i>	2 lbs/acre
shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
fourwing saltbush	<i>Atriplex canescens</i>	4 lbs/acre
black sage	<i>Artemesia arbuscula v. nova</i>	3 lbs/acre

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

The reserve pit shall have a small amount of topsoil stock piled near by to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

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. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ASHLEY UNIT 4-1-9-15

Api No. 43-013-32118 Lease Type: FEDERAL

Section 01 Township 09S Range 15E County DUCHESNE

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 01/08/2000

Time 7:00 PM

How DRY

Drilling will commence \_\_\_\_\_

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 01/10/2000 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		
A	99999	12673	43-013-32117	Ashley Federal 3-1-9-15	NE/NW	1	9S	15E	Duchesne	Dec. 30, 1999	
WELL 1 COMMENTS: 000110 entity added; (Ashley Union P.A.) KDR Union rig #14 spud at 6 AM											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12674	43-013-32118	Ashley Federal 4-1-9-15	NW/NW	1	9S	15E	Duchesne	Jan. 8, 2000	
WELL 2 COMMENTS: 000110 entity added; (Ashley Union P.A.) KDR Union rig #14 spud at 7 PM											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

*Coli Mathison*  
 Signature

Sr. Production Accounting Clerk      Jan. 10, 2000  
 Title      Date

OIL-11-00 USE 03-14-01 INLAND PRODUCTION CO. FHX NO. 439 040 3031 P. 03

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-74826**

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

7. If Unit or CA, Agreement Designation  
**Ashley**

8. Well Name and No.  
**Ashley #4-1-9-15**

9. API Well No.  
**43-013-32118**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**847' FNL, 653' FWL    NW/NW Sec. 1 T9S R15E**

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

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

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

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

MIRU UNION RIG # 14. Set equipment. Drill mouse hole & rat hole. **Spud well @ 7:00 PM on 1/8/00.** Drill 17 1/4" hole and set 23' of 13 3/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 343' TIH w/ 8 5/8" J-55 csg. Landed @ 316.16' Cement with \*141sks class "G" w/ 3% CaCL & 1/4#/sk Cello-flake mixed @ 15.8ppg. W/ 1.17cf/sk yield. Estimated 5bbls cement to surface. Cement fell approximately 8'. Top off with \* 14 sks Class "G" w/ 3% CaCL2 + 1/4#/sk Cello-Flake mixed @ 16.0ppg 1.17cf/sk yield. WOC 4 hours. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 8 5/8" CSG. TO 1500 PSI. ALL TESTED GOOD. Vernal District BLM representative, Ray Arnold was present for test.

**RECEIVED**

**JAN 13 2000**

**DIVISION OF OIL, GAS & MINING**

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

Signed *Pat Wsener* Title Drilling Foreman Date 1/10/00

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**



January 17, 2000

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

*Dear Carol:*

*Please find enclosed Form 3160-5, for the Ashley 4-1-9-15. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.*

*Sincerely,*

*PAT WISENER  
Drilling Foreman*

*Enclosures*

*pw*

**RECEIVED**

**JAN 19 2000**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Ashley**

8. Well Name and No.

**Ashley #4-1-9-15**

9. API Well No.

**43-013-32118**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**847' FNL, 653' FWL    NW/NW Sec. 1 T9S R15E**

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 Weekly Status  
 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.)\*

**Weekly Status for 1/10/00 to 1/17/00**

Drill 7 7/8" to a depth of 3800' with a air mist system. Drill 7 7/8" hole to a depth of 5925' with water based mud. Lay down drill string. Open hole log. Run 5 1/2" csg to a depth of 5897'. Cement with \*745 sks. Good returns. Dye to surface. Plug held. Set slips w/ 84,000 #. Release rig 12:30 pm on 1/17/2000

**RECEIVED**

**JAN 19 2000**

**DIVISION OF  
OIL, GAS AND MINING**

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

Signed

*Pat Wisner*

Title

Drilling Foreman

Date

1/17/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-74826**

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

7. If Unit or CA, Agreement Designation  
**Ashley**

8. Well Name and No.  
**Ashley #4-1-9-15**

9. API Well No.  
**43-013-32118**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**847' FNL, 653' FWL    NW/NW Sec. 1**

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

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

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

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

**Weekly Status for 1/18/00 to 1/25/00**

Wait on completion.

**RECEIVED**

**JAN 26 2000**

**DIVISION OF  
OIL, GAS AND MINING**

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

Signed *Pat Wisener* Title Drilling Foreman Date 1/25/00

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

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

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

**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.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

847' FNL & 653' FWL NW/NW Section 1 T9S R15E

5. Lease Designation and Serial No.

**U-74826**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Ashley 4-1-9-15**

9. API Well No.

43-013-32118

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County Utah

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

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

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

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

Status report for time period 1/24/00 through 1/30/00.  
Subject well had completion procedures initiated on 1/29/00. No zones have been opened at this time.

**RECEIVED**

FEB 01 2000

DIVISION OF  
OIL, GAS AND MINING

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

Signed Gary Dietz Title Completion Foreman Date 31-Jan-00

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

847 FNL & 653' FWL NW/NW Section 1 T9S R15E

5. Lease Designation and Serial No.

**U-74826**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Ashley 4-1-9-15**

9. API Well No.

43-013-32118

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County Utah

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

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

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

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

Status report for time period 1/31/00 through 2/6/00.  
Subject well had 2 Green River zones perforated & hydraulically fractured. Bridge plug & sand plug was removed from wellbore. Zones were swab tested to clean up sand. Production equipment ran in well & began producing on pump on 2/3/00.

**RECEIVED**

FEB 09 2000

DIVISION OF  
OIL, GAS AND MINING

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

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**7-Feb-00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side



March 6, 2000

Bureau of Land Management  
Vernal District Office, Division of Minerals  
170 South 500 East  
Vernal, Utah 84078

Attn: Mr. Edwin I. Forsman

Re: **Ashley Unit #4-1-9-15**  
**NWNW Sec. 1, T9S, R15E**  
**Duchesne County, Utah**

Dear Mr. Forsman:

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4) and a set of logs for the above referenced well. Also enclosed is a copy of the cement bond log.

If you should have any questions, please contact me at (303) 893-0102.

Sincerely,

A. L. Shipman  
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining  
Attn: Mr. Mike Hebertson  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Well File - Denver  
Well File - Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver

**RECEIVED**

MAR 08 2000

DIVISION OF  
OIL, GAS AND MINING

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

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

<b>1a. TYPE OF WORK</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____  <b>1b. TYPE OF WELL</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____	<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-74826  <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA  <b>7. UNIT AGREEMENT NAME</b> ASHLEY UNIT  <b>8. FARM OR LEASE NAME, WELL NO.</b> ASHLEY #4-1-9-15
--	--

<b>2. NAME OF OPERATOR</b> INLAND RESOURCES INC.	<b>9. API WELL NO.</b> 43-013-32118
---	--

<b>3. ADDRESS AND TELEPHONE NO.</b> 410 - 17th St. Suite 700 Denver, CO 80202; Phone (303) 893-0102	<b>10. FIELD AND POOL OR WILDCAT</b> MONUMENT BUTTE
--	--

<b>4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*</b> At Surface NW/NW    847' FNL & 653' FWL  At top prod. Interval reported below  At total depth	<b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b> SECTION 1, T9S, R15E
---	--

<b>14. PERMIT NO.</b>	<b>DATE ISSUED</b>	<b>12. COUNTY OR PARISH</b> DUCHESNE	<b>13. STATE</b> UT
-----------------------	--------------------	---	------------------------

<b>15. DATE SPUNDED</b> 1/8/00	<b>16. DATE T.D. REACHED</b> 1/15/00	<b>17. DATE COMPL. (Ready to prod.)</b> 2/3/00	<b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b> 5917' KB    5907' GR	<b>19. ELEV. CASINGHEAD</b>
-----------------------------------	---	---	--	-----------------------------

<b>20. TOTAL DEPTH, MD &amp; TVD</b> 5925'	<b>21. PLUG BACK T.D., MD &amp; TVD</b> 5846'	<b>22. IF MULTIPLE COMPL., HOW MANY*</b>	<b>23. INTERVALS DRILLED BY</b> ----->	<b>ROTARY TOOLS</b> X	<b>CABLE TOOLS</b>
---	--	--	---	--------------------------	--------------------

<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*</b> Green River 4839-5505'	<b>25. WAS DIRECTIONAL SURVEY MADE</b> No
---	--

<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> DIGI/SP/GR/CAL - CN/CD/GR, CBL/GR	<b>27. WAS WELL CORED</b> 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	24#	316'	12-1/4	155 sx Class "G"	
5-1/2	15.5#	5897'	7-7/8	295 sx PremLite II & 450 sx 50/50 POZ	

29. LINER RECORD					30.		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5504'	TA @ 5351'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5366-71; 5457-61; 5483-90 & 5493-97 & 5502-05'	4 SPF	92 Holes	5366-5505'	75,483# 20/40 sd in 575 bbls gelled water
4839-4860'	4 SPF	84 Holes	4839-4860'	68,395# 20/40 sd in 513 bbls gelled water

33.* PRODUCTION							
<b>DATE FIRST PRODUCTION</b> 2/3/00		<b>PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)</b> 2-1/2 x 1-1/2 x 15' RHAC Pump				<b>WELL STATUS (Producing or shut-in)</b> Producing	
<b>DATE OF TEST</b> 14-day avg 2/00	<b>HOURS TESTED</b> 24	<b>CHOKE SIZE</b>	<b>PROD'N FOR TEST PERIOD</b> -->	<b>OIL--BBL.</b> 27	<b>GAS--MCF.</b> 51	<b>WATER--BBL.</b> 21	<b>GAS-OIL RATIO</b> 1889
<b>FLOW, TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b> -->	<b>OIL--BBL.</b>	<b>GAS--MCF.</b>	<b>WATER--BBL.</b>	<b>OIL GRAVITY-API (CORR.)</b>	

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

**35. LIST OF ATTACHMENTS**  
 Logs In Item #26

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

SIGNED  TITLE Operations Secretary DATE 3/6/00

\*(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.
Garden Gulch Mkr	3742'		
Garden Gulch 2	4133'		
Point 3 Mkr	4385'		
X Mkr	4667'		
Y-Mkr	4702'		
Douglas Creek Mkr	4812'		
BiCarbonate Mkr	5016'		
B Limestone Mkr	5176'		
Castle Peak	5711'		
Basal Carbonate	NDE		
Total Depth	5925'		

Ashley #4-1-9-15

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH



# 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		



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**CA No.** \_\_\_\_\_ **Unit:** **ASHLEY**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NORTH ASHLEY 1-1	01	090S	150E	4301331787	12419	Federal	WI	A
NORTH ASHLEY 8-1	01	090S	150E	4301331809	12419	Federal	OW	P
ASHLEY FED 7-1	01	090S	150E	4301331824	12419	Federal	WI	A
ASHLEY FED 10-1	01	090S	150E	4301331825	12419	Federal	OW	P
ASHLEY FED 9-1	01	090S	150E	4301331859	12419	Federal	WI	A
ASHLEY FED 2-1	01	090S	150E	4301331883	12419	Federal	OW	P
ASHLEY FED 11-1	01	090S	150E	4301331926	12419	Federal	WI	A
ASHLEY FED 6-1	01	090S	150E	4301331927	12419	Federal	OW	P
ASHLEY FED 5-1-9-15	01	090S	150E	4301331998	12419	Federal	WI	A
ASHLEY FED 12-1-9-15	01	090S	150E	4301332000	12419	Federal	OW	P
ASHLEY FED 13-1-9-15	01	090S	150E	4301332001	12419	Federal	D	PA
ASHLEY FED 14-1	01	090S	150E	4301332002	12419	Federal	OW	P
ASHLEY FED 15-1	01	090S	150E	4301332003	12419	Federal	WI	A
ASHLEY FED 16-1	01	090S	150E	4301332004	12419	Federal	OW	P
ASHLEY U 3-1-9-15	01	090S	150E	4301332117	12419	Federal	WI	A
ASHLEY U 4-1-9-15	01	090S	150E	4301332118	12419	Federal	OW	P
ASHLEY U 1-12	12	090S	150E	4301332005	12419	Federal	WI	A
ASHLEY U 2-12	12	090S	150E	4301332006	12419	Federal	OW	P
ASHLEY U 4-12	12	090S	150E	4301332007	12419	Federal	OW	P
ASHLEY U 7-12	12	090S	150E	4301332008	12419	Federal	WI	A

**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**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 UTU74826

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
 ASHLEY PA A

1. TYPE OF WELL:  
 OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 ASHLEY U 4-1-9-15

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4301332118

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

PHONE NUMBER  
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
 Monument Butte

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: 847 FNL 653 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NW/NW, 1, T9S, R15E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		SubDate
	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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  07/01/2006	<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 type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Subject well had recompletion procedures initiated in the Green River formation. Existing production equipment was pulled from well. A bit and scraper were run in well. Two new intervals was perforated and hydraulically fracture treated as follows: Stage #1 C & B sands 5014-5077, w/4 JSPF, w/39156#'s of 20/40 sand in 330 bbls of Lightning 20 frac fluid, Stage #2 PB8 & PB10 sands 4503-4567, w/4 JSPF, w/72755 of 20/40 sand in 572 bbls of Lightning 20 frac fluid. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & revised production tbg string were run and anchored in well w/tubing @4230', pump seating nipple @5526', and end of tubing string @ 5590'. A 1 1/2" rod pump was run in well on sucker rods. Well returned to production via rod pump on 6-15-06.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 07/01/2006

(This space for State use only)

**RECEIVED**  
**JUL 07 2006**

DIV. OF OIL, GAS & MINING

# NEWFIELD



July 1<sup>st</sup>, 2006

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

RE: Re-completion/Re-entry  
Ashley U 4-1-9-15  
Sec.1, T9S, R15E  
API #43-013-32118

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kathy Chapman', written in a cursive style.

Kathy Chapman  
Office Manager

RECEIVED

JUL 07 2006

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74826
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: ASHLEY U 4-1-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0847 FNL 0653 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013321180000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. STATE: UTAH	STATE: UTAH

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

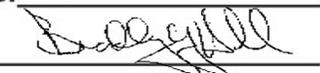
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/24/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/20/2013. On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: September 30, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/26/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

**Newfield Production Company**

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

**Witness:** \_\_\_\_\_ **Date** 9/24/2013 **Time** 9:30 **am** pm

**Test Conducted by:** Kevin Powell

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

**Well:** Ashley 4-1-9-15 **Field:** Monument Butte  
**Well Location:** NW/NW Sec. 1, T4S, R15E **API No:** 43-013-32118  
Duchesne County, Utah

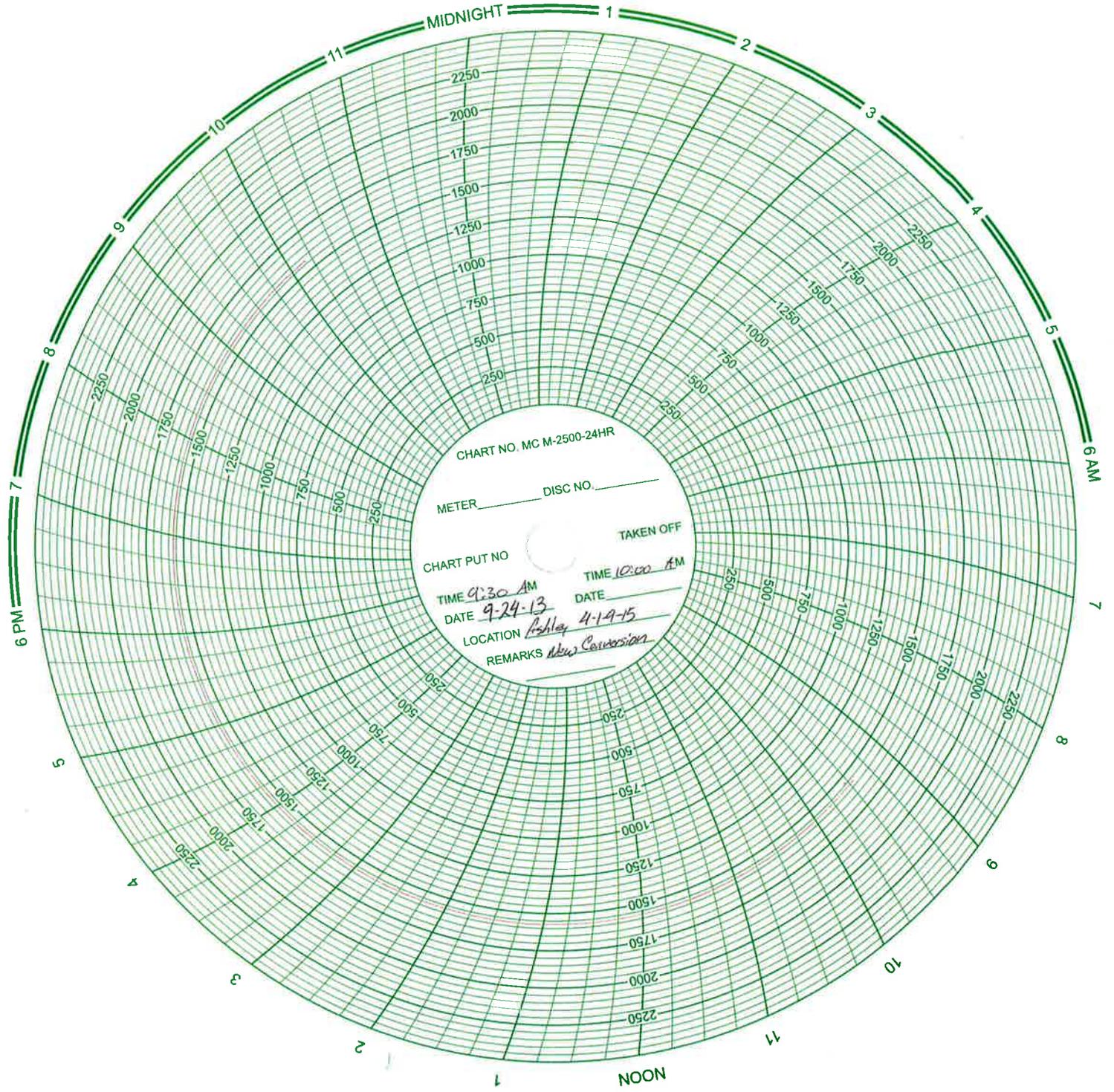
<u>Time</u>	<u>Casing Pressure</u>
0 min	<u>1570</u> psig
5	_____ psig
10	_____ psig
15	_____ psig
20	_____ psig
25	_____ psig
30 min	_____ psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

**Tubing pressure:** 0 psig

**Result:** Pass Fail

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

**Signature of Person Conducting Test:** Kevin Powell



## Daily Activity Report

Format For Sundry

**ASHLEY 4-1-9-15**

**7/1/2013 To 11/30/2013**

**9/19/2013 Day: 1**

**Conversion**

WWS #7 on 9/19/2013 - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H20, pressure test tbg to 3000psi W/ 5 bw - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H20, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H20, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H20, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H20, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$15,982

---

**9/20/2013 Day: 2**

**Conversion**

WWS #7 on 9/20/2013 - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,818

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**9/23/2013 Day: 3**

**Conversion**

WWS #7 on 9/23/2013 - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid N - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP

set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$26,765

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**9/25/2013 Day: 4**

**Conversion**

Rigless on 9/25/2013 - Conduct initial MIT - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$52,477

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**Pertinent Files: Go to File List**

# Ashley 4-1-9-15

Spud Date: 1/8/00  
 Put on Production: 2/3/00  
 GL: 5906.5' KB: 5916.5'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (318.56')  
 DEPTH LANDED: 316.16' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 155sxs class "G" mixed cmt, est 5 bbls cmt to surf

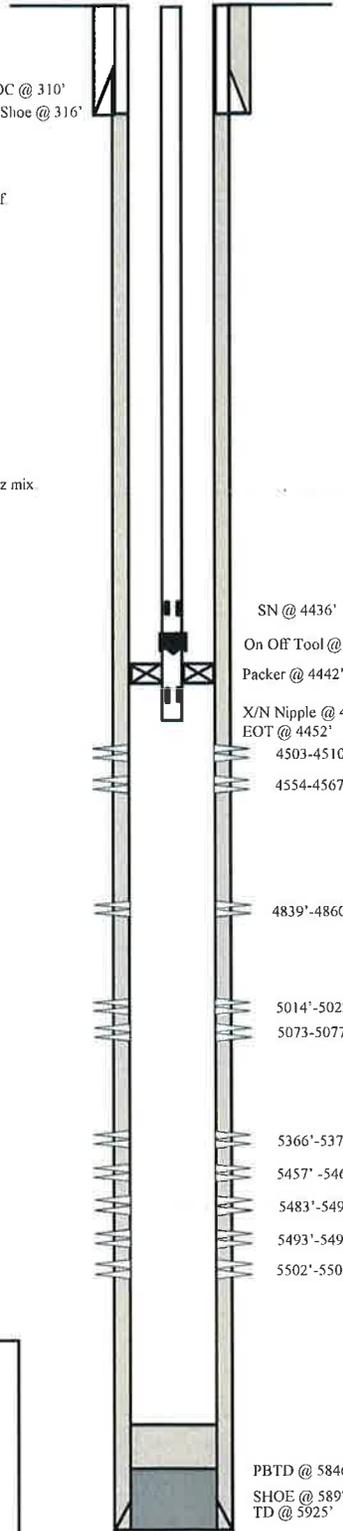
### PRODUCTION

CSG SIZE: 5 1/2"  
 GRADE: N-80, J-55  
 LENGTH: 138 jts (5899.41')  
 DEPTH LANDED: 5897.01' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 295 sxs Prem. Lite II mixed & 450 sxs 50/50 Poz mix.  
 CEMENT TOP AT: 310'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 143 jts (4426.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4436.2' KB  
 ON/OFF TOOL AT: 4437.3'  
 ARROW #1 PACKER CE AT: 4442.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4446'  
 TBG PUP 2-3/8 J-55 AT: 4446.5'  
 X/N NIPPLE AT: 4450.7'  
 TOTAL STRING LENGTH: EOT @ 4452.26'

TOC @ 310'  
 Casing Shoe @ 316'



### FRAC JOB

1/31/00 5366'-5505' **Frac LODC sands as follows:**  
 75,483# 20/40 sand in 575 bbls Viking I-25 fluid. Treated @ avg pressure of 2200 psi w/avg rate of 30.8 BPM. ISIP 2460 psi. Calc flush: 5364 gal. Actual flush: 5250 gal.

1/31/00 4839'-4860' **Frac D sands as follows:**  
 68,395# 20/40 sand in 513 bbls Viking I-25 fluid. Treated @ avg pressure of 1900 psi w/avg rate of 27.7 BPM. ISIP 2500 psi. Calc flush: 4837 gal. Actual flush: 4746 gal.

9/24/02 **Pump change.** Update rod and tubing details.

12/14/02 **Tubing Leak.** Update rod and tubing details.

01/02/03 **Pump Change.** Update rod detail.

06/08/04 **Parted Rods.** Updated Tubing & Rod Detail

08/02/04 **Tubing leak.** Update rod and tubing detail.

08/31/05 **Tubing Leak.** Update rod and tubing

6/13/06 5014'-5077' **Frac B & C sands as follows:**  
 39,156# 20/40 sand in 330 bbls Lighting 17 fluid. Treated @ avg pressure of 3565 psi w/avg rate of 14.4 BPM. ISIP 1975 psi. Calc flush: 3077 gal. Actual flush: 1176 gal

6/14/06 4503'-4567' **Frac PB10 & PB8 sands as follows:**  
 72,755# 20/40 sand in 572 bbls Lighting 17 fluid. Treated @ avg pressure of 3571 psi w/avg rate of 14.3 BPM. ISIP 2275 psi. Calc flush: 2567 gal. Actual flush: 1092 gal

06/14/06 **Re-completion.** Added new perf's Updated rod and tubing detail.

02/25/11 **Tubing Leak.** Rod & tubing updated

09/20/13 **Convert to Injection Well**

09/24/13 **Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

Date	Depth Range	Perforations	Holes
06-13-06	4503-4510'	4 JSPF	28 holes
06-13-06	4554-4567'	4 JSPF	52 holes
01-31-00	4839'-4860'	4 JSPF	84 holes
06-13-06	5014-5022'	4 JSPF	32 holes
06-13-06	5073-5077'	4 JSPF	16 holes
01-31-00	5366'-5371'	4 JSPF	20 holes
01-31-00	5457' -5461'	4 JSPF	16 holes
01-31-00	5483'-5490'	4 JSPF	28 holes
01-31-00	5493'-5497'	4 JSPF	16 holes
01-31-00	5502'-5505'	4 JSPF	12 holes

**NEWFIELD**

Ashley Federal 4-1-9-15  
 847' FNL & 653' FWL  
 NW/NW Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32118; Lease #UTU-74826

<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-74826	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>1. TYPE OF WELL</b> Water Injection Well	
<b>8. WELL NAME and NUMBER:</b> ASHLEY U 4-1-9-15	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	
<b>9. API NUMBER:</b> 43013321180000	
<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> 0847 FNL 0653 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 01 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: 10/18/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 3:00 PM on 10/18/2013.

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

**Date:** November 20, 2013

**By:**

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



April 4, 2011

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

RE: Permit Application for Water Injection Well  
Ashley #4-1-9-15  
Monument Butte Field, Lease #UTU-74826  
Section 1-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley #4-1-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg  
Regulatory Lead

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**APR 11 2011**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY #4-1-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74826**  
**APRIL 4, 2011**

**RECEIVED**  
**APR 11 2011**  
**DIV. OF OIL, GAS & MINING**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY #4-1-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY #3-1-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #5-1-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-1-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY FEDERAL #6-1-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY FEDERAL #7-1-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #2-1-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY STATE #2-2-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY STATE #1-2-9-15
ATTACHMENT E-9	WELLBORE DIAGRAM – ASHLEY STATE #8-2-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 1/29/00 – 2/4/00 & 6/13/06 – 6/16/06
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Ashley #4-1-9-15

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APR 11 2011

DIV. OF OIL, GAS & MINING



# Ashley #4-1-9-15

Initial Production:

Spud Date: 1/8/00  
 Put on Production: 2/3/00  
 GL: 5906.5' KB: 5916.5'

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (318.56')  
 DEPTH LANDED: 316.16' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 155sxs class "G" mixed cmt, est 5 bbls cmt to surf.  
 TOC @ 310'  
 Casing Shoe @ 316'

### PRODUCTION

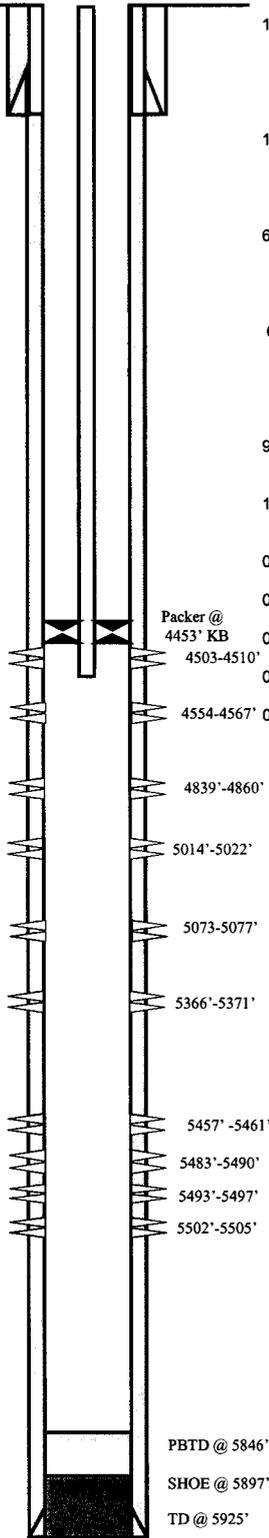
CSG SIZE: 5 1/2"  
 GRADE: N-80, J-55  
 LENGTH: 138 jts (5899.41')  
 DEPTH LANDED: 5897.01' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 295 sxs Prem. Lite II mixed & 450 sxs 50/50 Poz mix.  
 CEMENT TOP AT: 310'

### TUBING

SIZE/GRADE/WT: 2 7/8" / "B" M-50 / 6.5#  
 NO. OF JOINTS: 175 jts. @ 5420.64'  
 TUBING ANCHOR: 5430.64' KB  
 NO. OF JOINTS: 3 jts. (92.78')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: (5526.22') KB  
 NO. OF JOINTS: 2 jts. (62.35')  
 TOTAL STRING LENGTH: EOT @ 5590.12' W/ 10' KB

### FRAC JOB

1/31/00	5366'-5505'	<b>Frac LODC sands as follows:</b> 75,483# 20/40 sand in 575 bbls Viking I-25 fluid. Treated @ avg pressure of 2200 psi w/avg rate of 30.8 BPM. ISIP 2460 psi. Calc flush: 5364 gal. Actual flush: 5250 gal.
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9/24/02		Pump change. Update rod and tubing details.
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01/02/03		Pump Change. Update rod detail.
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08/02/04		Tubing leak. Update rod and tubing detail.
08/31/05		Tubing Leak. Update rod and tubing
06/14/06		Re-completion. Added new perf's Updated rod and tubing detail.



### Perforation Record

Date	Depth Range	Perforations	Holes
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01-31-00	5502'-5505'	4 JSPF	12 holes

**NEWFIELD**

Ashley Federal #4-1-9-15  
 847' FNL & 653' FWL  
 NW/NW Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32118; Lease #UTU-74826

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## WORK PROCEDURE FOR INJECTION CONVERSION

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

Ashley #4-1-9-15

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**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 #4-1-9-15 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 #4-1-9-15 well, the proposed injection zone is from Garden Gulch to Castle Peak (4133' - 5846'). 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 3790' and the TD is at 5925'.

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

The referenced log for the Ashley #4-1-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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DIV. OF OIL, GAS & MINING

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-74826) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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**APR 11 2011**

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

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
  
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

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

All logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 316' KB, and 5-1/2", 15.5# casing run from surface to 5897' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1942 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 #4-1-9-15, for existing perforations (4503' - 5505') calculates at 0.83 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 1942 psig. We may add additional perforations between 3790' and 5925'. 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 #4-1-9-15, the proposed injection zone (4133' - 5846') is in the Garden Gulch to the Castle Peak 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-9.

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

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

See Attachment C.

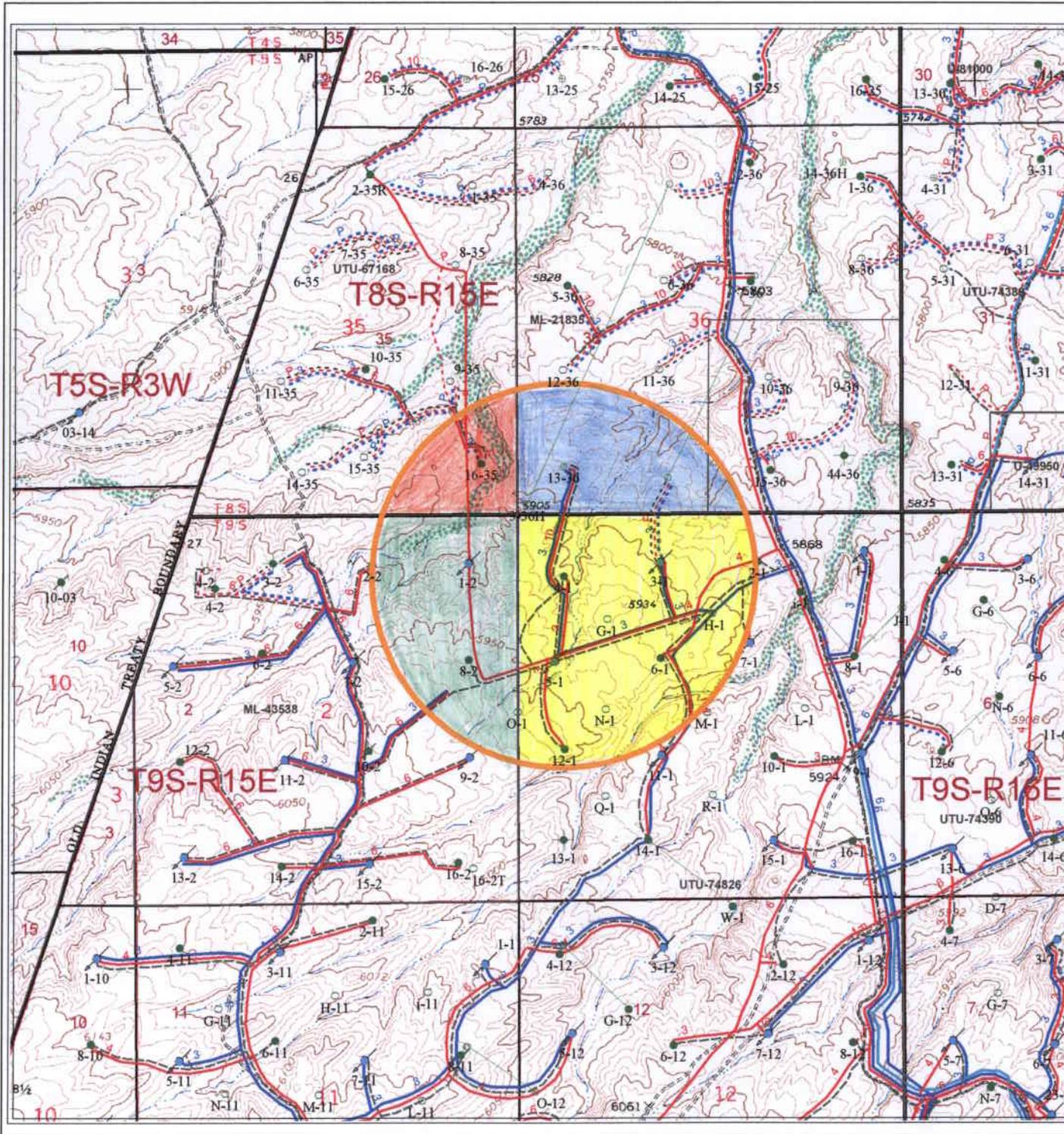
**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

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

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- Well Status**
- Location
  - ⊕ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊕ Waiting on Completion
  - Producing Oil Well
  - ⊕ Producing Gas Well
  - ⊕ Water Injection Well
  - ⊙ Dry Hole
  - ⊕ Temporarily Abandoned
  - ⊕ Plugged & Abandoned
  - ⊕ Shut In
  - Countyline
  - ⊕ 4.1\_9\_15\_Buffer
- Injection system**
- high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Leases**
- ▭ Mining tracts
- Gas Pipelines**
- Gathering lines
  - ⋯ Proposed lines

UTU-74826  
 ML-21835  
 UTU-67168  
 ML-43538

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Ashley 4-1  
 Section 1, T9S-R15E

**NEWFIELD**  
 ROCKY MOUNTAINS 1" = 2000'

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

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

January 17, 2011

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

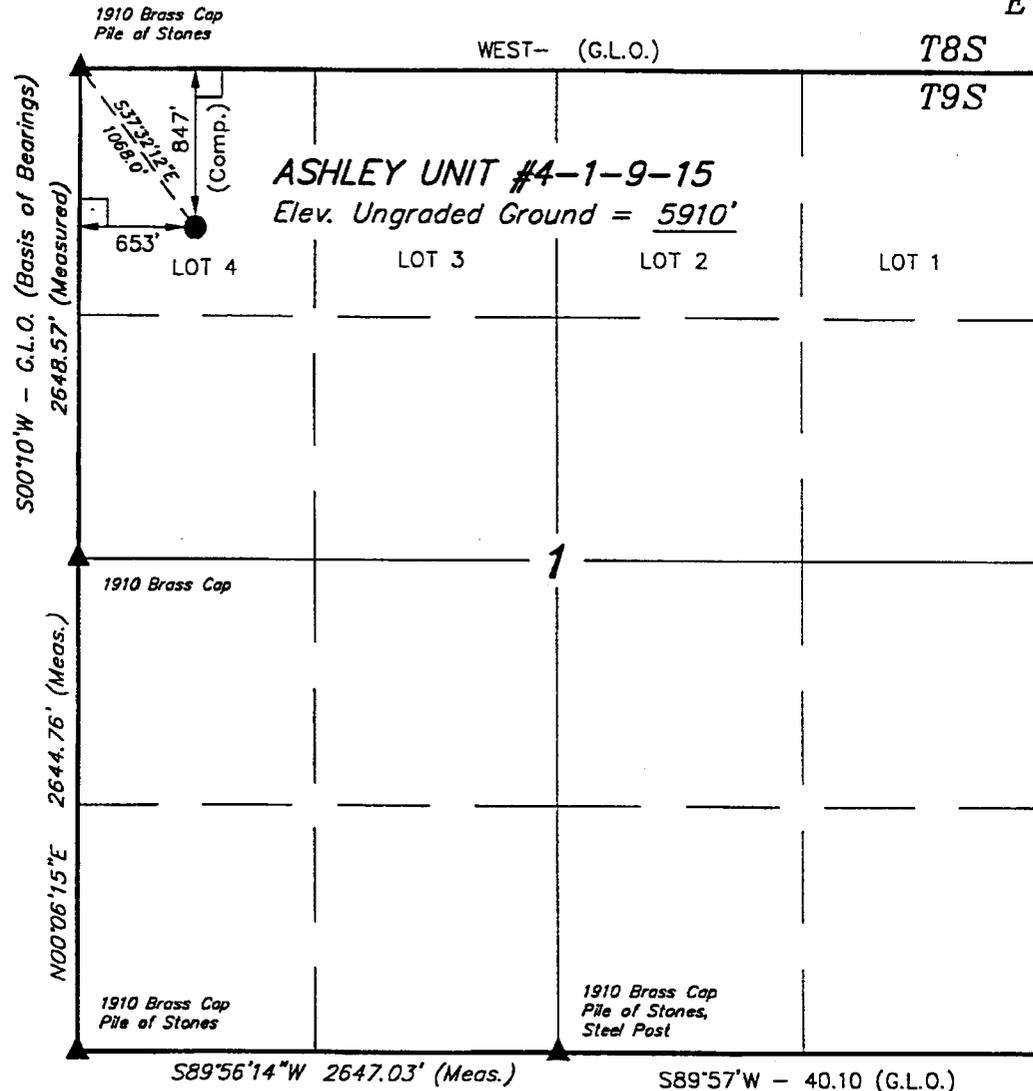
R R  
15 16  
E E

INLAND PRODUCTION CO.

Well location, ASHLEY UNIT #4-1-9-15, located as shown in Lot 4 of Section 1, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 1, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5905 FEET.



NORTH - 80.00 (G.L.O.)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

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SCALE 1" = 1000'	DATE SURVEYED: 07-13-98	DATE DRAWN: 08-04-98
PARTY J.F. C.G. D.R..B	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	<u>T9S,R15E SLM</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	USA UTU-74826 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T8S,R15E SLM</u> Section 36: All	State of Utah ML-21835 HBP	Newfield Production Company Ocean Energy, Inc. Global Natural Resources Corp. of Nevada Loex Properties 1984 Co.	State of Utah
3	<u>T8S,R15E SLM</u> Section 24: All Section 25: All Section 26: All Section 35: All	USA UTU-67168 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T9S,R15E SLM</u> Section 2: Lots 1-5, S2NE, SENW, S2 (All)	State of Utah ML-43538 HBP	Newfield Production Company Newfield RMI LLC	State of Utah

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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley #4-1-9-15

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 5<sup>th</sup> day of April, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



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## Ashley #4-1-9-15

Spud Date: 1/8/00  
 Put on Production: 2/3/00  
 GL: 5906.5' KB: 5916.5'

Initial Production:

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (318.56')  
 DEPTH LANDED: 316.16' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 155sxs class "G" mixed cmt, est 5 bbls cmt to surf.

#### PRODUCTION

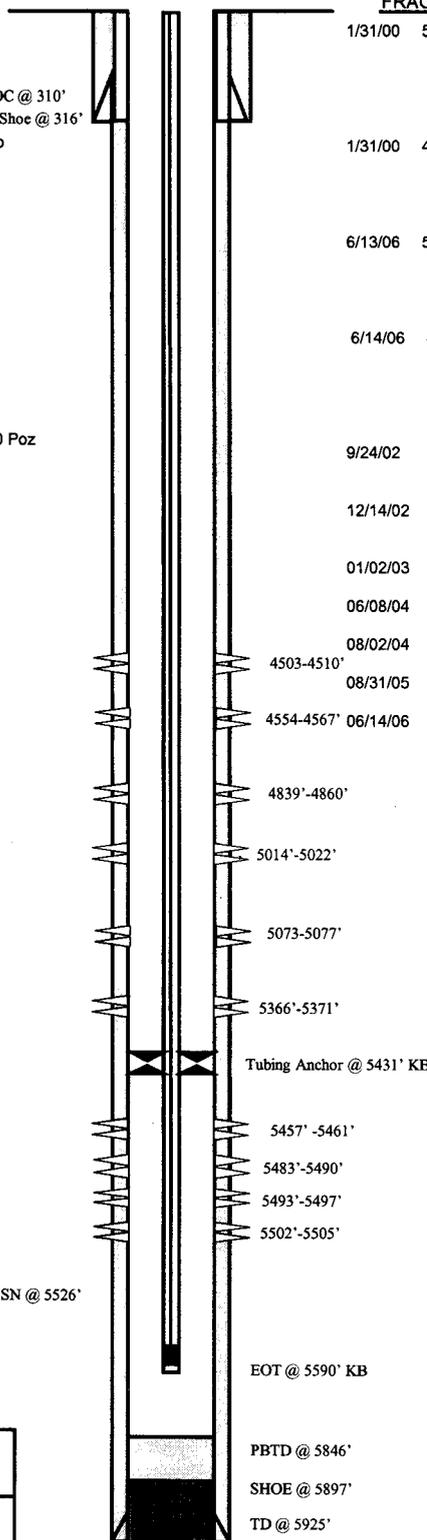
CSG SIZE: 5 1/2"  
 GRADE: N-80, J-55  
 LENGTH: 138 jts (5899.41')  
 DEPTH LANDED: 5897.01' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 295 sxs Prem. Lite II mixed & 450 sxs 50/50 Poz mix.  
 CEMENT TOP AT: 310'

#### TUBING

SIZE/GRADE/WT: 2 7/8" / "B" M-50 / 6.5#  
 NO. OF JOINTS: 175 jts. @ 5420.64'  
 TUBING ANCHOR: 5430.64' KB  
 NO. OF JOINTS: 3 jts. (92.78')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: (5526.22') KB  
 NO. OF JOINTS: 2 jts. (62.35')  
 TOTAL STRING LENGTH: EOT @ 5590.12' W/ 10' KB

#### SUCKER RODS

POLISHED RODS: 1 1/2" x 22'  
 SUCKER RODS: 1- 2' x 3/4" pony rod, 98- 3/4" scraped rods, 40-3/4" plain rods, 76-3/4" scraped rods, 6- 1 1/2" weight bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC  
 STROKE LENGTH:  
 SPM:



#### FRAC JOB

1/31/00 5366'-5505' **Frac LODC sands as follows:**  
 75,483# 20/40 sand in 575 bbls Viking I-25 fluid. Treated @ avg pressure of 2200 psi w/avg rate of 30.8 BPM. ISIP 2460 psi. Calc flush: 5364 gal. Actual flush: 5250 gal.

1/31/00 4839'-4860' **Frac D sands as follows:**  
 68,395# 20/40 sand in 513 bbls Viking I-25 fluid. Treated @ avg pressure of 1900 psi w/avg rate of 27.7 BPM. ISIP 2500 psi. Calc flush: 4837 gal. Actual flush: 4746 gal.

6/13/06 5014'-5077' **Frac B & C sands as follows:**  
 39,156# 20/40 sand in 330 bbls Lighting 17 fluid. Treated @ avg pressure of 3565 psi w/avg rate of 14.4 BPM. ISIP 1975 psi. Calc flush: 3077 gal. Actual flush: 1176 gal.

6/14/06 4503'-4567' **Frac PB10 & PB8 sands as follows:**  
 72,755# 20/40 sand in 572 bbls Lighting 17 fluid. Treated @ avg pressure of 3571 psi w/avg rate of 14.3 BPM. ISIP 2275 psi. Calc flush: 2567 gal. Actual flush: 1092 gal.

9/24/02 Pump change. Update rod and tubing details.

12/14/02 Tubing Leak. Update rod and tubing details.

01/02/03 Pump Change. Update rod detail.

06/08/04 Parted Rods. Updated Tubing & Rod Detail

08/02/04 Tubing leak. Update rod and tubing detail.

08/31/05 Tubing Leak. Update rod and tubing

06/14/06 Re-completion. Added new perf's Updated rod and tubing detail.

#### Perforation Record

Date	Interval	Perforations
06-13-06	4503-4510'	4 JSPP 28 holes
06-13-06	4554-4567'	4 JSPP 52 holes
01-31-00	4839'-4860'	4 JSPP 84 holes
06-13-06	5014-5022'	4 JSPP 32 holes
06-13-06	5073-5077'	4 JSPP 16 holes
01-31-00	5366'-5371'	4 JSPP 20 holes
01-31-00	5457' -5461'	4 JSPP 16 holes
01-31-00	5483'-5490'	4 JSPP 28 holes
01-31-00	5493'-5497'	4 JSPP 16 holes
01-31-00	5502'-5505'	4 JSPP 12 holes

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TW 09-04-06

**NEWFIELD**

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Ashley Federal #4-1-9-15  
 847' FNL & 653' FWL  
 NW/NW Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32118; Lease #UTU-74826

# Ashley 3-1-9-15

Spud Date: 12/30/99  
 Put on Production: 1/28/00  
 GL: 5893.6' KB: 5903.6'

### SURFACE CASING

STRING: 1  
 CSG SIZE: 8.5 3/8"  
 GRADE: J-55  
 WEIGHT: 24 ppf  
 LENGTH: 7 jts @ 304.15'  
 DEPTH LANDED: 316.04' KB  
 HOLE SIZE: 12.14"  
 CEMENT DATA: -141 sxs Class-G w/ 2% CaCl<sub>2</sub> and 1.4# sk Cello-Flake  
 -44 sxs Class-G w/ 3% CaCl<sub>2</sub> and 1.4# sk Cello-Flake  
 -Cement to Surface

### PRODUCTION CASING

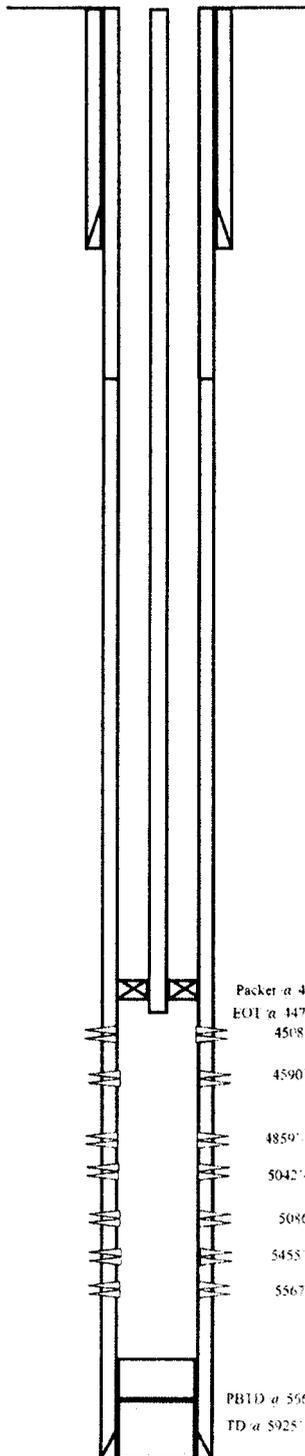
STRING: 1  
 CSG SIZE: 4.1 1/2"  
 GRADE: J-55 & N-80  
 WEIGHT: 11.6 ppf  
 LENGTH: 5878.6'  
 DEPTH LANDED: 5920' KB  
 HOLE SIZE: 7.78"  
 CEMENT DATA: -362 sxs Premlight II w/ 0.5% S.M., 10% Gel, 3# sk CSE, 3% KCl, 1.4# sk CF, 2# sk kolseal  
 -556 sxs 50-50 Poz W/ 3% KCl, 1.4# sk Cello flake, 2% Gel, 3% S.M.

CEMENT TOP AT

### Tubing Record

SIZE GRADE WT: 2.3 8" LS  
 NO. OF JOINTS: 141 jts @ 4444.1'  
 SEATING NIPPLE: 2-7.8" (1.10")  
 SN LANDED @: 4454.1'  
 PACKER: 4458.27' KB  
 FOT @: 4471' KB

Injection Wellbore Diagram



### FRAC JOB

1/24/00 5455'-5464' Frac LDC sand w/ 55,000# 20/40 sand in 386 bbl Viking I-25. Perfs broke down at 3240 psi, treated at average pressure of 3200 psi with average rate of 31 BPM. ISIP: 2850 psi. 5 minutes. 2638 psi.

1/25/00 4859'-4869' Frac D sand w/ 55,020# 20/40 sand in 345 bbl Viking I-25 fluid. Perfs broke down at 2476 psi, treated at average pressure of 2500 psi with average rate of 28.5 BPM. ISIP: 2280 psi. 5 minutes. 2140 psi.

8/28/06 Frac L.ODC sds as follows:  
 29,715# 20/40 sand in 165 bbls Lightning fluid. Perfs broke @ 3794 psi. Treated @ avg pressure of 5370 w/ avg rate of 11.5 BPM w/ 6# sand. ISIP @ 2675 psi.

8/28/06 Frac C & B.5 sds as follows:  
 19,383# 20/40 sand in 126 bbls of Lightning 17 frac fluid. Perfs broke @ Treated @ avg pressure of 4525 w/ avg rate of 11.5 BPM w/ 6# sand. ISIP @ 1740 psi.

8/28/06 Frac PB10 sds as follows:  
 24,797# 20/40 sand in 147 bbls of Lightning 17 frac fluid. Perfs broke @ 3132 psi. Treated @ avg pressure of 4345 w/ avg rate of 11.5 BPM w/ 6# sand. ISIP @ 2100 psi.

8/29/06 Frac PB8 sds as follows:  
 29,810# of 20/40 sand in 165 bbls Lightning 17 frac fluid. Perfs broke @ 3001 psi. Treated @ avg pressure of 4667 psi w/ avg rate of 10.5 BPM w/ 6# sand. ISIP @ 2725 psi.

9/30/2010 Tubing Leak. Update rod and tubing details.

03/22/11 Workover MIT. Tubing Leak. update the detail.

### PERFORATION RECORD

Depth Range	Spacers	Holes
4859'-4869'	4 spf	10' 40 holes
5455'-5464'	4 spf	9' 36 holes
4508'-4519'	4 spf	44 holes
4590'-4598'	4 spf	32 holes
5042'-5050'	4 spf	32 holes
5086'-5090'	4 spf	16 holes
5567'-5584'	4 spf	68 holes

**NEWFIELD**

Ashley Federal 3-1-9-15  
 660 FNL 1980 FWL  
 NENW Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32117; Lease #UTU-74826

# Ashley Federal 5-1-9-15

Spud Date: 3-2-98  
 Put on Production: 4-11-98  
 Put on Injection: 12-24-99  
 GI: 5935' KB: 5947'

Initial Production: 69 BOPD.  
 338 MCFPD, 17 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55 ST&C  
 WEIGHT: 24#  
 LENGTH: 7 jts (287')  
 DEPTH LANDED: 287'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs PremiumPlus est 5 bbls cement to surface

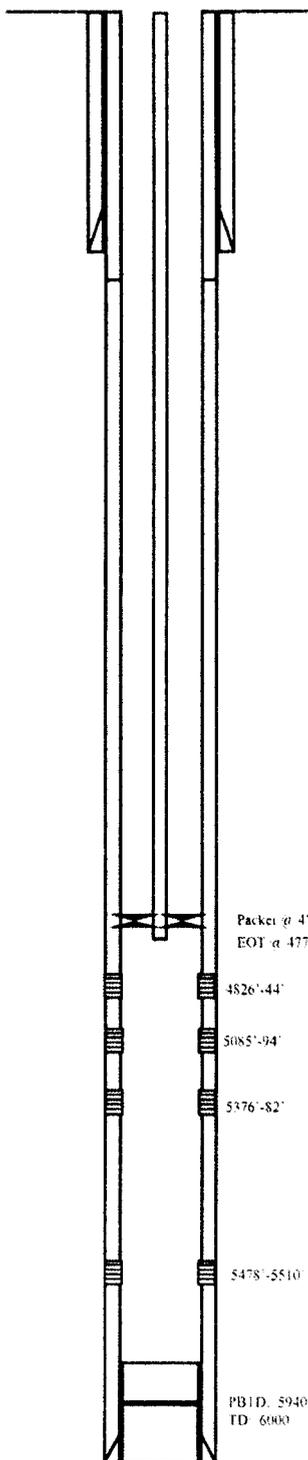
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55 Std  
 WEIGHT: 15.5#  
 LENGTH: 141 jts  
 DEPTH LANDED: 5985' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sxs Hibond & 384 sxs Thixotropic

**TUBING**

SIZE GRADE WT: 2-7/8" - M-50 - 6.5#  
 NO. OF JOINTS: 152 jts (4751.52')  
 SEATING NIPPLE: 1 1/2'  
 SN LANDED AT: 4763.32'  
 CF @ 4768'  
 TOTAL STRING LENGTH: 4772'

Injection Wellbore Diagram



**FRAC JOB**

4-4-98 5376'-5510' Frac A sand as follows: 133,200# 20-40 sand in 638 bbls Boragel Breakdown @ 2997 psi Treated w avg press of 2200 psi w avg rate of 32 BPM ISIP-2680 psi 5 min 2439 psi Flowback on 12.64" ck for 3-1.2 hrs & died

4-7-98 5085'-5094' Frac B sand as follows: 114,300# 20-40 sand in 548 bbls Delta Breakdown @ 2819 psi Treated w avg press of 2165 psi w avg rate of 26 BPM ISIP-2561 psi 5 min 1807 psi Flowback on 12.64" ck for 3-1.2 hrs & died

4-9-98 4826'-4844' Frac D sand as follows: 114,400# 20-40 sand in 543 bbls Delta Breakdown @ 2937 psi Treated w avg press of 2250 psi w avg rate of 26 BPM ISIP-2615 psi 5 min 2405 psi Flowback on 12.64" ck for 3-1.2 hrs & died

12/20/99 Convert to Injection well  
 12/21/99 Conversion MIT completed  
 11/16/04 5 yr MIT

06-07/07 5716-5892' Frac C P sands as follows: 29003# 20-40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 3498 psi w avg rate of 14.3 BPM ISIP 2039 psi Calc flush: 1676 gal Actual flush: 1344 gal

06-07/07 5268-5276' Frac A1 sands as follows: 23426# 20-40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 3556 psi w avg rate of 14.2 BPM ISIP 2411 psi Calc flush: 2796 gal Actual flush: 1260 gal

06-08/07 Recompletion finalized  
 06/20/07 Recompletion MIT completed  
 05.11/09 MARCIT squeeze

**PERFORATION RECORD**

4-4-98	5376'-5382'	2 JSFP	12 holes
4-3-98	5478'-5510'	2 JSFP	64 holes
4-5-98	5085'-5094'	4 JSFP	36 holes
4-3-98	4826'-4844'	4 JSFP	72 holes

**NEWFIELD**

**Ashley Federal 5-1-9-15**

519' FWL 2028' FNI  
 SWNW Section 1-T9S-R15E  
 Duchesne Co. Utah  
 API #43-013-31998, Lease #U-74826

## Ashley Federal #12-1-9-15

Spud Date: 3-9-98  
 Put on Production: 4-25-98  
 GL: 5960' KB: 5972'

Initial Production: 94 BOPD,  
 213 MCFPD, 6 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55 ST&C  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 284'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs PremiumPlus, est 8 bbls cmt to surface

### PRODUCTION CASING

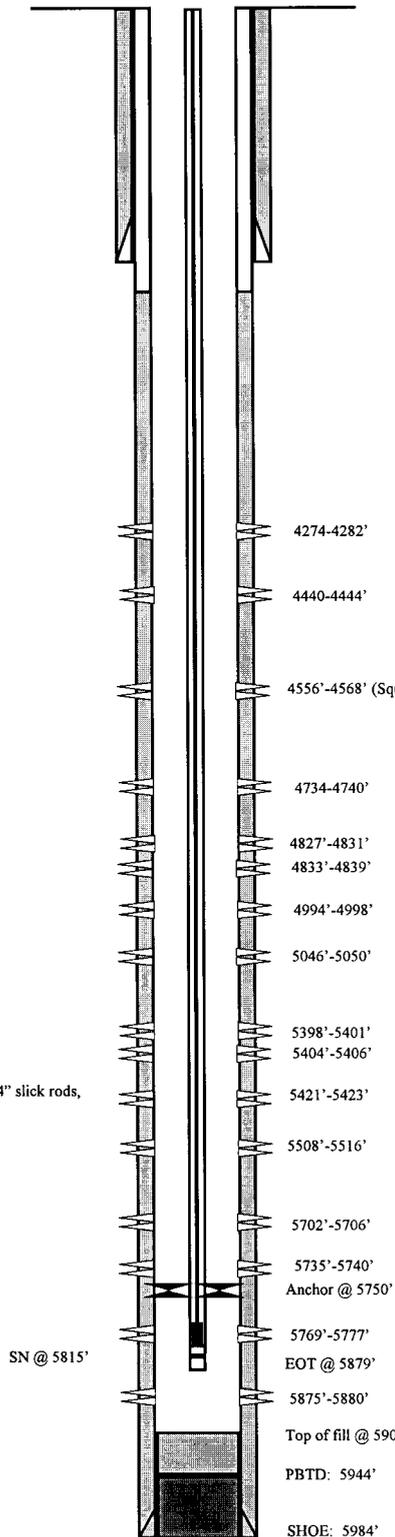
CSG SIZE: 5-1/2"  
 GRADE: J-55 8rd  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5972')  
 DEPTH LANDED: 5984' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 410 sxs Hibond w/360 sxs Thixotropic

### TUBING

SIZE/GRADE/WT.: 2-7/8" - J-55  
 NO. OF JOINTS: 184 jts. (5737.76')  
 TUBING ANCHOR: 5749.76'  
 NO. OF JOINTS: 2 jt. (62.56')  
 SN LANDED AT: 1.10' (5815.12')  
 NO. OF JOINTS: 2 jts. (62.53')  
 TOTAL STRING LENGTH: 5879.20'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1-4' x 3/4" pony rod, 96-3/4" guided rods, 33-3/4" slick rods, 96-3/4" guided rods, 6-1 1/2" wt bars  
 PUMP SIZE: 2 1/2" x 1 1/4"x4" x 17 RTBC Magyver  
 STROKE LENGTH:  
 PUMP SPEED, SPM:



### FRAC JOB

**4-16-98 5702'-5880'** **Frac CP sand as follows:**  
 141,300# 20/40 sand in 659 bbls  
 Delta. Breakdown @ 2511 psi.  
 Treated w/avg press of 2480 psi,  
 w/avg rate of 35.3 BPM. ISIP-2820  
 psi, 5 min 2218. Flowback on 12/64"  
 ck for 4-1/2 hrs & died.

**4-18-98 5398'-5516'** **Frac A/LDC sand as follows:**  
 127,300# 20/40 sand in 618 bbls  
 Delta. Breakdown @ 2918 psi. Treated  
 w/avg press of 1730 psi, w/ avg rate of  
 35.1 BPM. ISIP-2654 psi, 5 min 1798  
 psi. Flowback on 12/64" ck for 4 hrs  
 & died.

**4-21-98 4994'-5050'** **Frac B/C sand as follows:**  
 111,300# 20/40 sand in 539 bbls  
 Delta. Breakdown @ 3364 psi.  
 Treated w/avg press of 1700 psi, w/  
 avg rate of 26.1 BPM. ISIP-2320 psi,  
 5 min 1876 psi. Flowback on 12/64"  
 ck for 4 hrs & died.

**4-23-98 4827'-4839'** **Frac D sand as follows:**  
 114,300# 20/40 sand in 604 bbls  
 Delta. Breakdown @ 2723 psi.  
 Treated w/avg press of 2000 psi w/avg  
 rate of 28 BPM. ISIP-2508 psi, 5 min  
 2211 psi. Flowback on 12/64" ck for  
 4 hrs & died.

**4-30-00 4556'-4568'** **Treat PB sand as follows:**  
 Perf and swab. Swab 9 runs, rec. 17  
 BW. Squeeze PB zone.

**6-29-06 4734-4740'** **Frac DS2 sand as follows:**  
 19,056# 20/40 sand in 241 bbls Lighting 17  
 fluid. Treated w/avg press. of 3514 w/ ave.  
 rate of 14.4 bpm. ISIP-2640. Calc Flush: 1162  
 gal. Actual Flush: 1134

**6-29-06 4440-4444'** **Frac PB8 sand as follows:**  
 14,395# 20/40 sand in 153 bbls Lighting 17  
 fluid. Treated w/avg press. of 5093 w/ ave.  
 rate of 14.2 bpm. ISIP-3200. Calc Flush: 1436  
 gal. Actual Flush: 1052

**6-29-06 4274-4282'** **Frac GB4 sand as follows:**  
 33,390# 20/40 sand in 286 bbls Lighting 17  
 fluid. Treated w/avg press. of 3490 w/ ave.  
 rate of 14.4 bpm. ISIP-21300. Calc Flush:  
 1604 gal. Actual Flush: 1050

2-15-02 Tubing leak. Update rod and tubing details.  
 10-16-02 Tubing leak. Update rod and tubing details.  
 11-05-04 Tubing leak. Update rod and tubing details.  
 05-20-05 Pump change. Update rod detail.  
 03/03/06 Pump Change. Update rod and tubing details.  
 06/29/06 Recompletion. Update rod & tubing detail.

### PERFORATION RECORD

4-15-98	5875'-5880'	4 JSPF	20 holes
4-15-98	5769'-5777'	4 JSPF	32 holes
4-15-98	5735'-5740'	4 JSPF	20 holes
4-15-98	5702'-5706'	4 JSPF	16 holes
4-17-98	5508'-5516'	4 JSPF	32 holes
4-17-98	5421'-5423'	4 JSPF	08 holes
4-17-98	5404'-5406'	4 JSPF	08 holes
4-17-98	5398'-5401'	4 JSPF	12 holes
4-19-98	5046'-5050'	4 JSPF	16 holes
4-19-98	4994'-4998'	4 JSPF	16 holes
4-22-98	4833'-4839'	4 JSPF	24 holes
4-22-98	4827'-4831'	4 JSPF	16 holes
6-28-06	4734-4740'	4 JSPF	24 holes
4-28-00	4556'-4568'	4 JSPF	48 holes
6-28-06	4440-4444'	4 JSPF	16 holes
6-28-06	4274-4282'	4 JSPF	32 holes

**NEWFIELD**

**Ashley Federal #12-1-9-15**

648' FWL & 2086' FSL

NWSW Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32000; Lease #U-74826

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## Ashley Federal #6-1-9-15

Spud Date: 10/10/97

Put on Production: 12/3/97  
GL: 5918' KB: 5931'

Initial Production: 106 BOPD,  
119 MCFPD, 18 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 299.79'  
DEPTH LANDED: 297.59'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

### PRODUCTION CASING

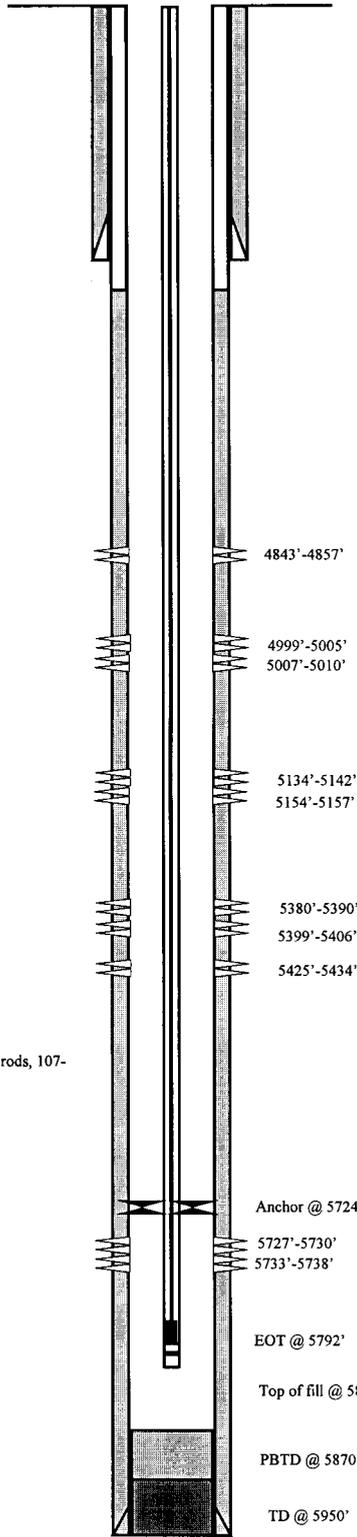
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts (5928.95')  
DEPTH LANDED: 5925.05'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 440 sxs Hibond mixed & 395 sxs thixotropic  
CEMENT TOP AT:

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / J-55 / 6.5#  
NO. OF JOINTS: 182 jts (5711.4') J-55  
TUBING ANCHOR: 5724.4'  
NO. OF JOINTS: 1 jts (31.5')  
SN LANDED AT: 5758.7'  
NO. OF JOINTS: 1 jts (31.7')  
TOTAL STRING LENGTH: EOT 5792'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 1-2, 4, & 8' x 7/8" pony rods, 100-7/8" 4 per guided rods, 107-3/4" guided rods, 15-3/4" guided rods 6-1 1/2" sinker bars.  
PUMP SIZE: 2 1/2" x 1 3/4" x 17' x 20' RHAC Central Hyd. PUMP  
STROKE LENGTH: 96"  
PUMP SPEED, SPM: 5 SPM



### FRAC JOB

11/18/97	5727'-5738'	<b>Frac CP sand as follows:</b> 114,300# of 20/40 sand in 559 bbls of Delta Frac. Treated @ avg press of 1750 psi w/avg rate of 28 bpm. ISIP 1897 psi. Calc flush: 5725 gal. Actual flush: 5647 gal.
11/21/97	5380'-5434'	<b>Frac A sand as follows:</b> 121,300# of 20/40 sand in 573 bbls of Delta Frac. Treated @ avg press of 2380 psi w/avg rate of 30.1 bpm. ISIP-3145 psi. Calc flush: 5378 gal. Actual flush: 5283 gal.
11/23/97	5134'-5157'	<b>Frac B sand as follows:</b> 121,300# of 20/40 sand in 562 bbls of Delta Frac. Treated @ avg press of 1900 psi w/avg rate of 26.2 bpm. ISIP-2200 psi. Calc flush: 5132 gal. Actual flush: 5041 gal.
11/26/97	4999'-5010'	<b>Frac C sand as follows:</b> 108,300# of 20/40 sand in 524 bbls of Delta Frac. Treated @ avg press of 2900 psi w/avg rate of 27 bpm. ISIP-3380 psi. Calc flush: 4997 gal. Actual flush: 4919 gal.
11/29/97	4843'-4857'	<b>Frac D sand as follows:</b> 111,300# of 20/40 sand in 539 bbls Delta Frac. Treated @ avg press of 2150 psi w/avg rate of 26.4 BPM. ISIP-2607 psi. Calc flush: 4841 gal. Actual flush: 4752 gal.
02/28/03		Pump change. Update tubing and rod detail.
04/08/05		Pump change. Update rod detail
08/19/05	4999'-5005' 5007'-5010'	Tubing Leak. Update tubing and rod details.
06/14/07		Workover. Rod & Tubing details updated.
05/30/08		Workover. Rod & Tubing details updated.
3/6/09		Parted rods. Updated r & t details.
12-24-10	5134'-5142' 5154'-5157'	Parted rods. Updated Rod & Tubing details.
8/14/2010		Tubing Leak. Update rod and tubing details
12/24/2010		Parted rods. Rod & tubing details updated.

### PERFORATION RECORD

11/18/97	5733'-5738'	4 JSPF	20 holes
11/18/97	5727'-5730'	4 JSPF	12 holes
11/19/97	5425'-5434'	4 JSPF	36 holes
11/19/97	5399'-5406'	4 JSPF	28 holes
11/19/97	5380'-5390'	4 JSPF	40 holes
11/21/97	5154'-5157'	4 JSPF	12 holes
11/21/97	5134'-5142'	4 JSPF	32 holes
11/25/97	5007'-5010'	4 JSPF	12 holes
11/25/97	4999'-5005'	4 JSPF	24 holes
11/26/97	4843'-4857'	4 JSPF	56 holes

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**NEWFIELD**

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**Ashley Federal #6-1-9-15**  
1982 FNL 1980 FWL  
SENW Section 1-T9S-R15E  
Duchesne Co, Utah  
API #43-013-31927; Lease #U-74826

## Ashley Federal 7-1-9-15

Spud Date: 7/7/97  
 Put on Production: 8/11/97  
 Put on Injection: 12/24/99  
 GI: 5896' KB: 5906'

Initial Production: 133 BOPD,  
 190 MCFPD, 33 BWPD

### SURFACE CASING

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 7 jts (292 11')  
 DEPTH LANDED 291 01'(GL)  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 150 sxs Premium cmf

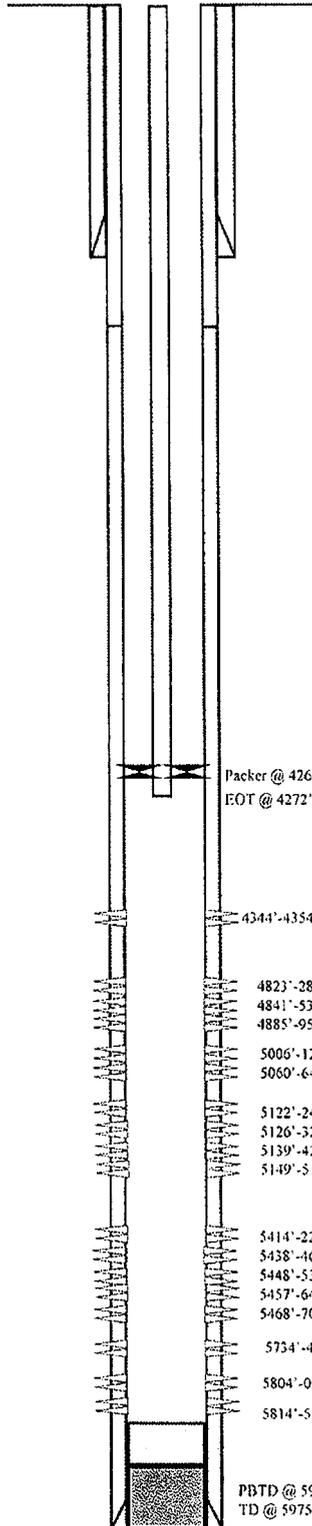
### PRODUCTION CASING

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 141 jts (5967.32')  
 DEPTH LANDED 5967.32'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 340 sk Hibond mixed & 300 sxs thixotropic  
 CEMENT TOP AT 1118' per CBL

### TUBING

SIZE/GRADE/AWT : 2-7/8"/J-55/6 5#  
 NO OF JOINTS 135 jts (4253 37')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 4263 37'  
 CE @ 4267 72'  
 TOTAL STRING LENGTH EOT @ 4271 87'

### Injection Wellbore Diagram



### FRAC JOB

7/30/97	5734'-5808'	Frac CP-0.5 & CP-2 sands as follows: 180,700# of 20/40 sand in 478 bbls of Boragel Perfs broke down @ 3242 psi Treated @ avg press of 4800 psi w/avg rate of 28 bpm ISIP: 2268, 5-min 2050 psi Flowback on 12/64" ck for 3-1/2 hours and died
8/1/97	5414'-5470'	Frac LQDC sands as follows: 112,900# of 20/40 sand in 473 bbls of Boragel Perfs breakdown @ 4336 psi Treated @ avg press of 6850 psi w/avg rate of 27.3 bpm 441 gal into flush, it appeared the pkr failed
8/4/97	5006'-5151'	Frac C, B-1 & B-2 sands as follows: 128,600# of 20/40 sand in 554 bbls of Boragel Breakdown @ 4800 psi Treated w/avg rate 31.5 bpm w/avg press of 660 psi ISIP 2195 psi, 5-min 1993 psi Shut flowback on 12/64" ck @ 1 bpm until dead
8/6/97	4823'-4895'	Frac D-1 & D-2 sands as follows: 95,500# of 20/40 sand in 422 bbls of Boragel Broke down @ 2740 psi Treated @ avg rate 26 bpm w/avg press of 5800 psi ISIP: 2897 psi, 5-min 2856 psi Flowback @ 1 bpm until dead
12/20/99		Convert to Injection well
11/16/04		5 yr MIT
05/30/07	4344'-4354'	Acidize GB6 sds as follows: Broke @ 2700 psi Before acid 1500 psi @ 3/4 BPM During Acid 1350 psi @ 3/4 BPM After acid 1800 psi @ 1/4 BPM ISIP @ 1500 psi, 5 min @ 1350 psi
05/30/07	5060'-5064'	Acidize B.5 sds as follows: Broke @ 1850 psi, Before acid, 1950 psi @ 1 BPM During acid 1950 psi @ 1 BPM After acid, 2000 psi @ 1 BPM ISIP @ 1900 psi, 5 min @ 1750 psi
05/30/07	5006'-5012'	Acidize C.sds as follows. Broke @ 2400 psi, Before acid 2400 psi @ 1 BPM During acid 2050 psi @ 1 BPM After acid: 2100 psi @ 1 BPM ISIP @ 1850 psi, 5 min @ 1750 psi
06/01/07	5804-5821'	Frac CP2 sds as follows: 22952# of 20/40 sand in 240 bbls Lightning 17 fluid
06/04/07		Recompletion Finalized - MIT completed

### PERFORATION RECORD

7/28/97	5804'-5808'	4 JSPF	16 holes
7/28/97	5734'-5744'	4 JSPF	40 holes
7/31/97	5414'-5422'	4 JSPF	32 holes
7/31/97	5438'-5446'	4 JSPF	32 holes
7/31/97	5448'-5453'	4 JSPF	20 holes
7/31/97	5457'-5464'	4 JSPF	28 holes
7/31/97	5468'-5470'	4 JSPF	8 holes
8/2/97	5006'-5012'	4 JSPF	24 holes
8/2/97	5060'-5064'	4 JSPF	16 holes
8/2/97	5122'-5124'	4 JSPF	8 holes
8/2/97	5126'-5132'	4 JSPF	24 holes
8/2/97	5139'-5142'	4 JSPF	12 holes
8/2/97	5149'-5151'	4 JSPF	8 holes
8/5/97	4823'-4828'	4 JSPF	20 holes
8/5/97	4841'-4853'	4 JSPF	48 holes
8/5/97	4885'-4895'	4 JSPF	40 holes
05/30/07	4344'-4354'	4 JSPF	40 holes
05/30/07	5814'-5821'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 7-1-9-15  
 1787 FNL 2092 FEL  
 SWNE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31824; Lease #U-74826

Spud Date: 7/22/97  
 Put on Production: 8/23/97  
 GL: 5878' KB: 5888'

## Ashley Federal #2-1

Initial Production: 56 BOPD,  
 12 MCFPD, 36 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.7')  
 DEPTH LANDED: 309.45' GL  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 155 sxs Premium cmt, est 7 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5995.47')  
 DEPTH LANDED: 6005.79' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 360 sk Hibond mixed & 325 sxs thixotropic  
 CEMENT TOP AT: 140'

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55  
 NO. OF JOINTS: 180 jts (5661.76')  
 TUBING ANCHOR: 5671.76'  
 NO. OF JOINTS: 1 jt (32.22')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5706.78'  
 NO. OF JOINTS: 2 jts (64.19')  
 TOTAL STRING LENGTH: EOT @ 5772.51'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-4', 1-2' x 3/4" pony rods, 92-3/4" guided rods, 106 - 3/4" guided rods, 23-3/4" guided rods, 6- 1 1/2" sucker rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 11' x 14" RHAC  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 5

### FRAC JOB

8/14/97 5894'-5901' **Frac CP sand as follows:**  
 96700# of 20/40 sand in 521 bbls of Boragel. Breakdown @ 3042 psi. Treated @ avg rate of 26.6 bpm w/avg press of 2150 psi. ISIP-2510 psi, 5-min 1975 psi. Flowback on 12/64" ck for 4 hours and died.

8/16/97 5509'-5576' **Frac A sands as follows:**  
 130,600# of 20/40 sand in 636 bbls of Boragel. Breakdown @ 3061 psi. Treated @ avg rate of 32.4 bpm w/avg press of 2100 psi. ISIP-2548 psi, 5-min 2442 psi. Flowback on 12/64" ck for 4 hours and died.

8/19/97 4849'-5040' **Frac DC sand as follows:**  
 154,800# of 20/40 sand in 688 bbls of Boragel. Breakdown @ 2220 psi. Treated @ avg rate of 33.3 bpm w/avg press of 1770 psi. ISIP-2723 psi, 5-min 2206 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

7/7/03 5760'-5766' **Frac CP.5 sands as follows:**  
 29,550# 20/40 sand in 297 bbls Viking I-25 fluid. Treated @ avg press of 3225 psi w/avg rate of 13.6 BPM. ISIP 2270 psi. Calc flush: 1499 gal. Actual flush: 1428 gal.

7/7/03 4580'-4592' **Frac PB-10 sands as follows:**  
 40,000# 20/40 sand in 407 bbls Viking I-25 fluid. Treated @ avg press of 1897 psi w/avg rate of 23.8 BPM. ISIP 2440 psi. Calc flush: 4578 gal. Actual flush: 4494 gal.

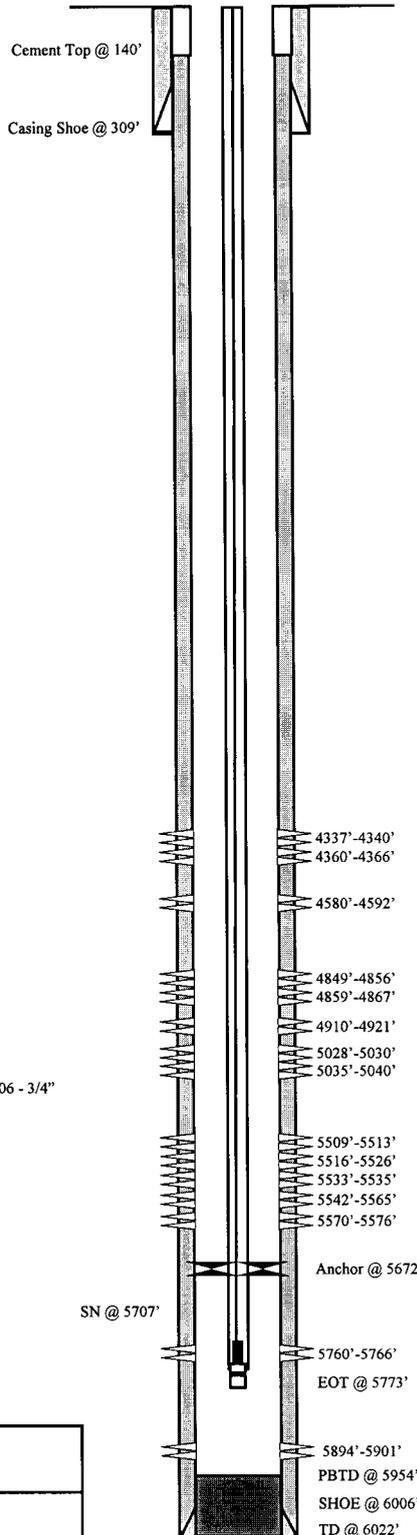
7/8/03 4337'-4366' **Frac B2 and D1,3 sands as follows:**  
 28,322# 20/40 sand in 272 bbls Viking I-25 fluid. Treated @ avg press of 1923 psi w/avg rate of 23 BPM. ISIP 2120 psi. Calc flush: 4335 gal. Actual flush: 4242 gal.

12/24/03 Pump Change. Update rod and tubing detail.

12-5-07 Pump Change. Updated rod & tubing details.

05-16-08 Major workover. Acidize fracs, updated rod and tubing details.

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



### PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
8/14/97	5894'-5901'	4 JSPF	28 holes
8/16/97	5570'-5576'	4 JSPF	24 holes
8/16/97	5542'-5565'	4 JSPF	92 holes
8/16/97	5533'-5535'	4 JSPF	8 holes
8/16/97	5516'-5526'	4 JSPF	40 holes
8/16/97	5509'-5513'	4 JSPF	16 holes
8/19/97	5035'-5040'	4 JSPF	20 holes
8/19/97	5028'-5030'	4 JSPF	8 holes
8/19/97	4910'-4921'	4 JSPF	44 holes
8/19/97	4859'-4867'	4 JSPF	32 holes
8/19/97	4849'-4856'	4 JSPF	28 holes
7/2/03	5760'-5766'	4 JSPF	24 holes
7/2/03	4580'-4592'	4 JSPF	48 holes
7/8/03	4360'-4366'	4 JSPF	24 holes
7/8/03	4337'-4340'	4 JSPF	12 holes

**NEWFIELD**

**Ashley Federal #2-1**

1980 FEL & 661 FNL  
 NW/NE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31883; Lease #UTU-74826

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# Ashley State #2-2-9-15

Spud Date: 05/25/05  
 Put on Production: 06/29/05  
 GI: 5895' KB: 5907'

Initial Production: BOPD.  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8.58"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (303.05')  
 DEPTH LANDED: 314.60' KB  
 HOLE SIZE: 12.14"  
 CEMENT DATA: 150 sks Class "G" Est 6 bbls cement to surface

### PRODUCTION CASING

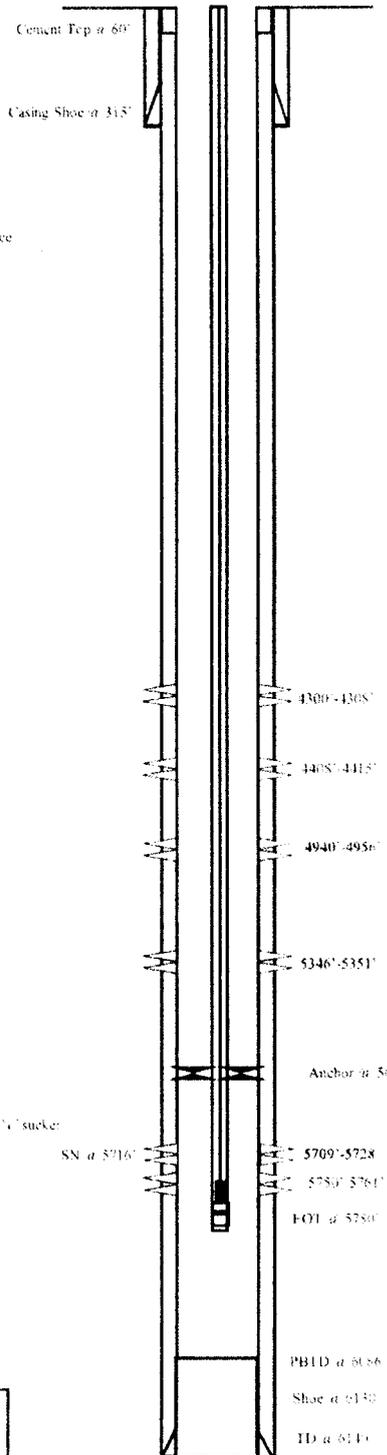
CSG SIZE: 5.12"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts  
 DEPTH LANDED: 613.0' KB  
 HOLE SIZE: 7.75"  
 CEMENT DATA: 300 sks Prem Lite II 400 sks 50.50 peiz  
 CEMENT TOP AT: 60'

### TUBING

SIZE GRADE WT: 2.75" - 155#  
 NO. OF JOINTS: 182 jts (5638.35')  
 TUBING ANCHOR: 5650' 20' KB  
 NO. OF JOINTS: 2 jts (62.30')  
 SEATING NIPPLE: 2.75" (1.10')  
 SN LANDED AT: 5715.82'  
 NO. OF JOINTS: 2 jts (62.50')  
 TOTAL STRING LENGTH: FOOT @ 5780.14'

### SUCKER RODS

POLISHED ROD: 1.12" x 22'  
 SUCKER RODS: 1-2" x 1/2" pony rods; 102-1/2" guided rods; 50-1/2" sucker rods; 70-1/2" guided rods; 60-1/2" weight rods  
 PUMP SIZE: 2.12" x 1.12" x 1.12" RHAC pump  
 STROKE LENGTH: 50"  
 PUMP SPEED: 5 SPM



### FRAC JOB

06/20/05 5761'-5769' **Frac CP 1& 2 sands as follows:**  
 100,047#s of 20/40 sand in 516 bbls Lightning 17 frac treated @ ave pressure of 1711w ave rate of 24.8 bpm Calc flush 5707 gal Actual flush: 5493 gal ISIP 2000

06/23/05 5346'-5346' **Frac LODC sands as follows:**  
 19,701#s of 20/40 sand in 261 bbls Lightning 17 frac fluid Treated @ ave pressure of 2018 w ave rate of 14.6 bpm sand Calc flush 5144 gal Actual flush 5090 ISIP 2430

06/23/05 4956'-4940' **Frac C sands as follows:**  
 79,251#s of 20/40 sand in 517 bbls Lightning 17 frac fluid Treated @ ave pressure of 2396 w ave rate of 25.5 bpm Calc Flush 4938 gal Actual Flush 1613 gal ISIP 4100

06/23/05 4408'-4300' **Frac PB7 & GB6 sands as follows:**  
 48,276#s of 20/40 sand in 423 bbls Lightning 17 frac fluid treated @ ave pressure of 2254 w ave rate of 24.6 bpm Calc Flush 4298 gal Actual Flush 4200 ISIP 2170.  
 Tubing Leak: Updated rod & tubing detail

4/20/06 Stuck Pump: Updated r & t details  
 05/18/10 Parted Rods: Rod & Tubing updated

### PERFORATION RECORD

Date	Depth Range	ISPF	Holes
06/20/05	5750'-5761'	4 ISPF	44 holes
06/20/05	5709'-5728'	4 ISPF	76 holes
06/23/05	5346'-5351'	4 ISPF	20 holes
06/23/05	4940'-4956'	4 ISPF	64 holes
06/23/05	4408'-4415'	4 ISPF	28 holes
06/23/05	4300'-4308'	4 ISPF	32 holes



**Ashley State 2-2-9-15**  
 672' F LSE LINE & 672' F UNIT LINE  
 NW NE Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32580; Lease #ML-43538

## Ashley State 1-2-9-15

Spud Date: 04/07/05  
 Put on Production: 07/05/05  
 GL: 5920' KB: 5932'

Initial Production: 100 BOPD,  
 65 MCFD, 432 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

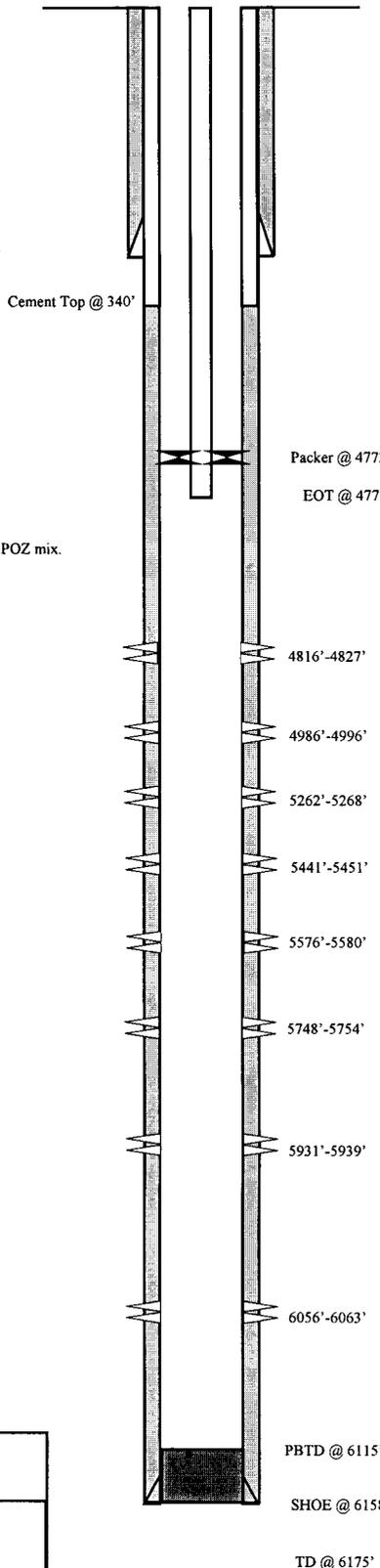
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.8')  
 DEPTH LANDED: 313.8' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. Est 4 bbls cement to pit

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6160.45')  
 DEPTH LANDED: 6158.45' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ mix.  
 CEMENT TOP AT: 340'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 152 jts (4756.65')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4768.65' KB  
 TOTAL STRING LENGTH: 4777.25' w/ 12' KB



**FRAC JOB**

06/29/05 5748'-6063' **Frac CP5, CP4, and CP1 sands as follows:**  
 44,292#'s of 20/40sand in 434 bbls lightning  
 17 frac fluid. Treated @ avg press of 1642,  
 w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc  
 flush: 5746 gal. Actual flush: 5796 gal.

06/29/05 5441'-5580' **Frac LODC sands as follows:**  
 27,962#'s of 20/40 sand in 322 bbls lightning  
 17 frac fluid. Treated @ avg press of 2692,  
 w/avg rate of 24.3 bpm. ISIP 3700 psi. Calc  
 flush: 5439 gal. Actual flush: 5460 gal.

06/29/05 5262'-5268' **Frac A3 sands as follows:**  
 19,282#'s of 20/40 sand in 254 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 2082, w/avg rate of 24.6 bpm. ISIP 2250  
 psi. Calc flush: 5260 gal. Actual flush: 5250  
 gal.

06/29/05 4986'-4996' **Frac C sands as follows:**  
 48,261#'s of 20/40 sand in 424 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1903, w/avg rate of 24.5 bpm. ISIP 2350  
 psi. Calc flush: 4984 gal. Actual flush: 5040  
 gal.

06/29/05 4816'-4827' **Frac D1 sands as follows:**  
 61,637#'s of 20/40 sand in 490 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1580, w/avg rate of 24.6 bpm. ISIP 2100  
 psi. Calc flush: 4814 gal. Actual flush: 4746  
 gal.

6/21/06 **Well converted to an Injection well.**

6/30/06 **MIT completed and submitted.**

**PERFORATION RECORD**

06/28/05	6056'-6063'	4 JSPF	32 holes
06/28/05	5931'-5939'	4 JSPF	32 holes
06/28/05	5748'-5754'	4 JSPF	24 holes
06/29/05	5576'-5580'	4 JSPF	16 holes
06/29/05	5441'-5451'	4 JSPF	40 holes
06/29/05	5262'-5268'	4 JSPF	24 holes
06/29/05	4986'-4996'	4 JSPF	40 holes
06/29/05	4816'-4827'	4 JSPF	44 holes

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APR 11 2011

DIV. OF OIL, GAS & MINING

CD 6/30/06

**NEWFIELD**

Ashley State 1-2-9-15  
 712' FNL & 818' FEL  
 NE/NE Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32436; Lease #ML-43538

## Ashley State #8-2-9-15

Spud Date: 04/08/05  
 Put on Production: 06/16/05  
 GL: 5946' KB: 5958'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts.(304.32')  
 DEPTH LANDED: 316.17 KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class "G". Est 6 bbls cmt to surface.

#### PRODUCTION CASING

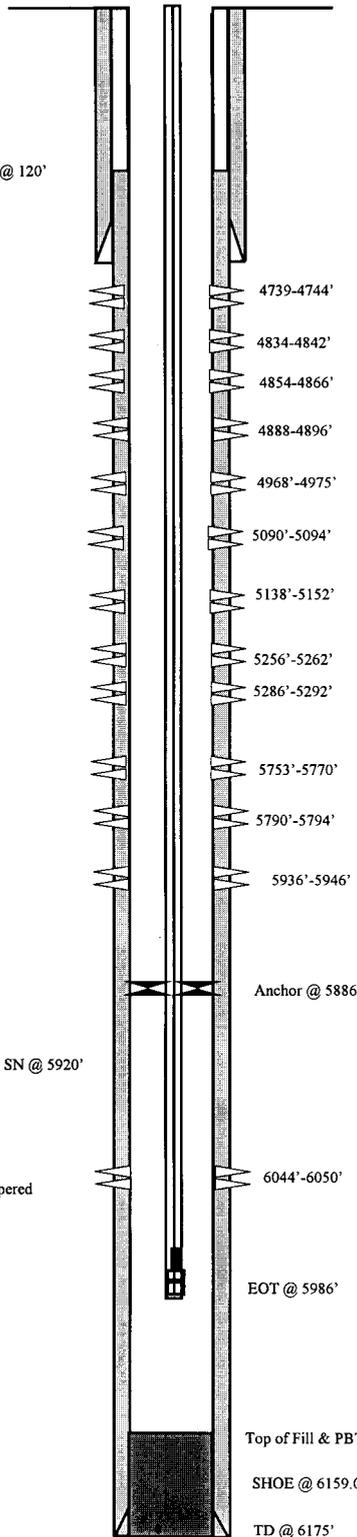
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts.  
 DEPTH LANDED: 6159.03' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II. 400 sks 50/50 poz.  
 CEMENT TOP AT: 120'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5873.8')  
 TUBING ANCHOR: 5885.8' KB  
 NO. OF JOINTS: 1 jt. (32.54')  
 SEATING NIPPLE: 2 7/8" (1.10)  
 SN LANDED AT: 5920.2' KB  
 NO. OF JOINTS: 2 jts (65.10')  
 TOTAL STRING LENGTH: EOT @ 5986.4'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 99-3/4" scraped rods; 69-3/4" plain rods, 62-3/4" scraped rods, 6-1 1/2" weight rod.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16' RHAC pump  
 STROKE LENGTH: 86  
 PUMP SPEED, SPM: 4



#### FRAC JOB

06/06/05 5936-6050' **Frac CP 4&CP5 sands as follows:**  
 40,107#'s of 20/40 sand in 104 bbls Lightning 17 frac treated @ ave pressure of 1900 w/ ave rate of 24.9 bpm. Calc flush 5934 gal. Actual flush: 5712 gal. ISIP 2180.

06/06/05 5753'-5794' **Frac CP1 sands as follows:**  
 65,562#'s of 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ ave pressure of 1730 w/ ave rate of 24.6 bpm sand. Calc. flush 5751 gal. Actual flush 5502. ISP 1980.

06/06/05 5256'-5292' **Frac A3 & A1 sands as follows:**  
 50,097#'s of 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ ave pressure of 2003 w/ ave rate of 24.9 bpm. Calc. Flush 5254 gal. Actual Flush 5040 gal. ISIP 2300.

06/10/05 5090'-5152' **Frac B.5 & B1 sands as follows:**  
 69,675#'s of 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ ave pressure of 1930 w/ ave rate of 24.8 bpm. Calc. Flush 5098 gal. Actual Flush 4872 gal. ISIP 2250.

06/10/05 4968'-4975' **Frac C sands as follows:**  
 28,881#'s of 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ ave pressure of 2108 w/ ave rate of 14.3 bpm. Calc. Flush 4966 gal. Actual Flush 4872 gal. ISIP 2800.

01/31/06 Pump change. Update rod and tubing details

06/19/06 **Recompletion. New Perfs added. Rod & Tubing Detail Updated.**

06/23/06 5090'-5152 Reperf **Frac B sands as follows:**  
 63,915#'s of 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ ave pressure of 3507 w/ ave rate of 14.4 bpm. ISIP 2270. Calc Flush 2643 gal. Actual Flush 1176 gal.

06/23/06 4739'-4896 **Frac DS2, D1, D2 sands as follows:**  
 25,687#'s of 20/40 sand in 230 bbls Lightning 17 frac fluid. Treated @ ave pressure of 3738 w/ ave rate of 14.3 bpm. ISIP 2475. Calc Flush 1503 gal. Actual Flush 1134 gal. Tubing Leak. Updated rod & tubing details.

8/24/09

#### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
06/06/05	6044'-6050'	4 JSPF	24 holes
06/06/05	5936'-5946'	4 JSPF	40 holes
06/06/05	5790'-5794'	4 JSPF	16 holes
06/06/05	5753'-5770'	4 JSPF	68 holes
06/06/05	5286'-5292'	4 JSPF	24 holes
06/06/05	5256'-5262'	4 JSPF	24 holes
06/10/05	5138'-5152'	4 JSPF	52 holes
06/10/05	5090'-5094'	4 JSPF	16 holes
06/10/05	4968'-4975'	4 JSPF	28 holes
06/19/06	4888-4896'	4 JSPF	32 holes
06/19/06	4854-4866'	4 JSPF	36 holes
06/19/06	4834-4842'	4 JSPF	32 holes
06/19/06	4739-4744'	4 JSPF	20 holes

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DF 10/13/09

**NEWFIELD**

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Ashley State 8-2-9-15  
 1988' FNL & 660' FEL  
 SE/NE Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32437; Lease #ML-43538

# State 13-36-8-15

Spud Date: 02/20/2010  
 Put on Production: 03/23/2010  
 GL: 5885' KB: 5897'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 14 jts. (617.27')  
 DEPTH LANDED: 629.12'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 300 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6229.81')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6287.61'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 32'

### TUBING

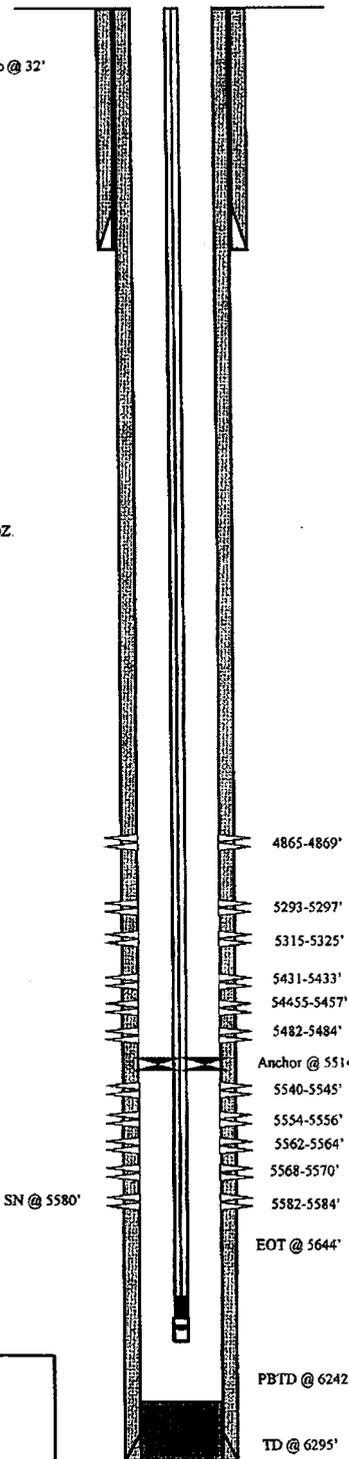
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts (5502.2')  
 TUBING ANCHOR: 5514.2'  
 NO. OF JOINTS: 2 jts (62.8')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5579.8' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 5644'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 6 - 4' x 7/8", 8 - 8' x 7/8" pony rods; 97 - 7/8" guided rods; 98 - 3/4" sucker rods; 20 - 3/4" guided rods; 6 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 1/2 x 20' RHAC  
 STROKE LENGTH: 122  
 PUMP SPEED: SPM 5

### FRAC JOB

03-23-10 5431-5584' Frac LODC sands as follows:  
 Frac with 200659# 20/40 sand in 972 bbls Lightning 17 fluid.  
 03-23-10 5293-5325' Frac A3 sands as follows: Frac with 70616# 20/40 sand in 304 bbls Lightning 17 fluid.  
 03-23-10 4865-4869' Frac D1 sands as follows: Frac with 8483# 20/40 sand in 54 bbls Lightning 17 fluid.



### PERFORATION RECORD

Depth Range	Completion Type	Holes
5582-5584'	3 JSPF	6 holes
5568-5570'	3 JSPF	6 holes
5562-5564'	3 JSPF	6 holes
5554-5556'	3 JSPF	6 holes
5540-5545'	3 JSPF	15 holes
5482-5484'	3 JSPF	6 holes
5455-5457'	3 JSPF	6 holes
5431-5433'	3 JSPF	6 holes
5315-5325'	3 JSPF	30 holes
5293-5297'	3 JSPF	12 holes
4865-4869'	3 JSPF	12 holes



**State 13-36-8-15**  
 661' FSL & 660' FWL (SW/SW)  
 Section 36, T8S, R15E  
 Duchesne Co, Utah  
 API # 43-013-34223; Lease # ML-21835

# Federal 16-35-8-15

Spud Date: 9-20-10  
 Put on Production: 11-3-10  
 GL: 5865' KB: 5877'

## Wellbore Diagram

## FRAC JOB

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (342.1')  
 DEPTH LANDED: 353.95'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 180 sxs Class "G" cmt

Cement Top @ 400'

10-28-10 5356-5392' Frac LODC sands as follows: Frac with 65109# 20/40 sand in 404bbls Lightning 17 fluid.  
 10-28-10 5240-5248' Frac A1 sands as follows: Frac with 29299# 20/40 sand in 252bbls Lightning 17 fluid.  
 10-28-10 5109-5118' Frac B2 sands as follows: Frac with 24276# 20/40 sand in 209bbls Lightning 17 fluid.  
 10-28-10 4803-4818' Frac D1 sands as follows: Frac with 64168# 20/40 sand in 146bbls Lightning 17 fluid.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148jts. 6249.37'  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6307.06'  
 CEMENT DATA: 270sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.  
 CEMENT TOP AT: 400'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 171jts (5357.8')  
 TUBING ANCHOR: 5357.8'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5392.1' KB  
 NO. OF JOINTS: 2jts (61.9')  
 TOTAL STRING LENGTH: EOT @ 5456'

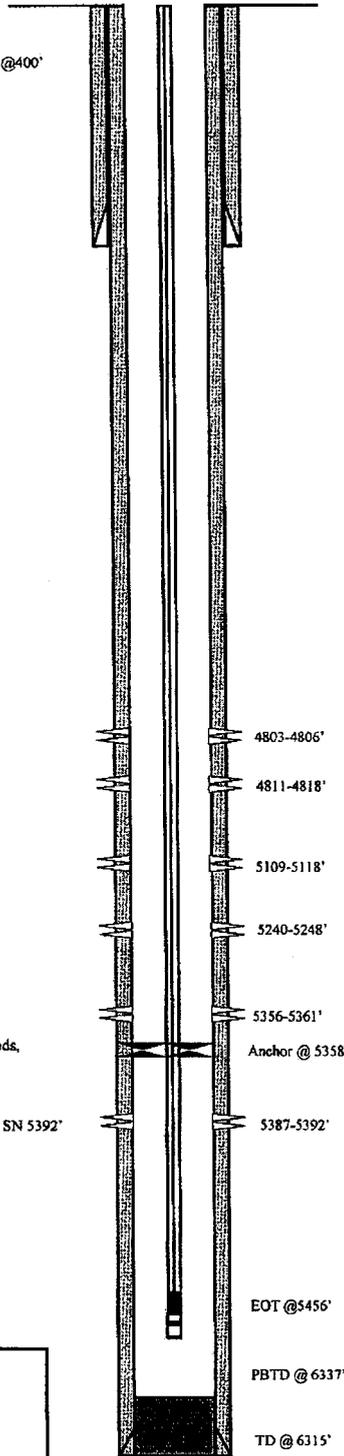
### PERFORATION RECORD

5387-5392' 3 JSPF 15holes  
 5356-5361' 3 JSPF 15 holes  
 5240-5248' 3 JSPF 24holes  
 5109-5118' 3 JSPF 27 holes  
 4811-4818' 3 JSPF 21holes  
 4803-4806' 3 JSPF 9 holes

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1 - 2 x 3/4" pony rods, 1-8 x 3/4" pony rods, 97 x 7/8" 4 per guided rods, 90- x 3/4" sucker rods, 20- x 3/4" 4 per guided rods, 6- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 1/2" x 21' x 24' RHAC  
 STROKE LENGTH: 122  
 PUMP SPEED: SPM 5

SN 5392'



**NEWFIELD**

**Federal 16-35-8-15**

711' FSL & 474' FEL (SE/SE)

Section 35, T8S, R1S

Duchesne Co, Utah

API # 43-013-34255; Lease # UTU-67168





## Multi-Chem Group, LLC

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

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### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Ashley IF**  
Sample Point: **tank**  
Sample Date: **1 /7 /2011**  
Sales Rep: **Monty Frost**  
Lab Tech: **Peter Poulsen**

Sample ID: **WA-53130**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Sample Pressure (psig):		Magnesium (Mg):	18.40	Sulfate (SO <sub>4</sub> ):	10.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0017	Barium (Ba):	7.62	Dissolved CO <sub>2</sub> :	-
pH:	7.98	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	927.00
Turbidity (NTU):	-	Sodium (Na):	2218.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	1.00
		Iron (Fe):	0.32	Phosphate (PO <sub>4</sub> ):	-
Calculated T.D.S. (mg/L)	6217	Manganese (Mn):	0.02	Silica (SiO <sub>2</sub> ):	-
Molar Conductivity (µS/cm):	9420	Lithium (Li):	-	Fluoride (F):	-
Resitivity (Mohm):	1.0616	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										
Temp °F	Gauge Press. psi	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> psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

#### Conclusions:

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

#### Notes:

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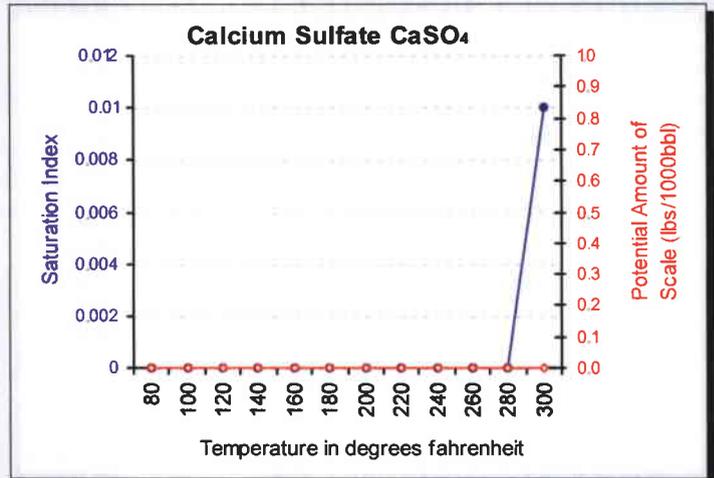
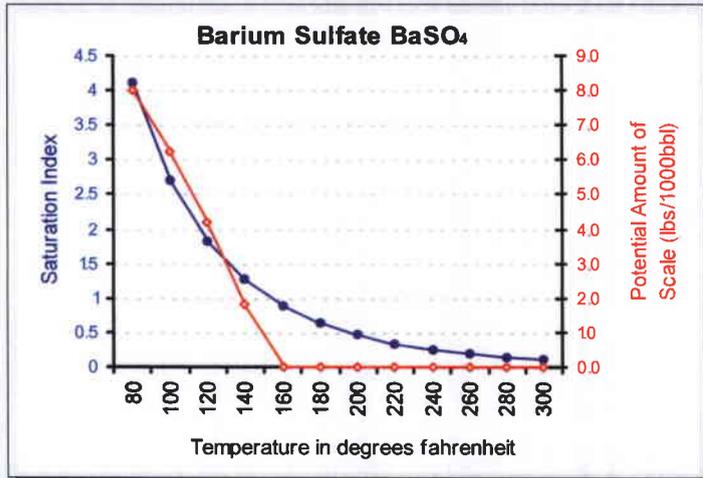
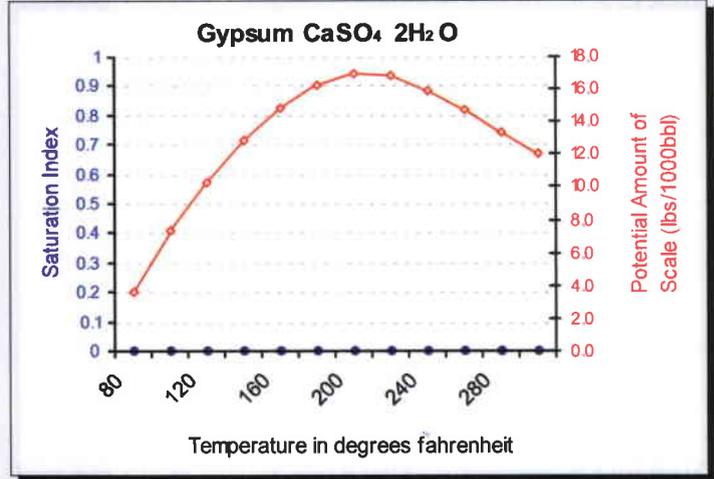
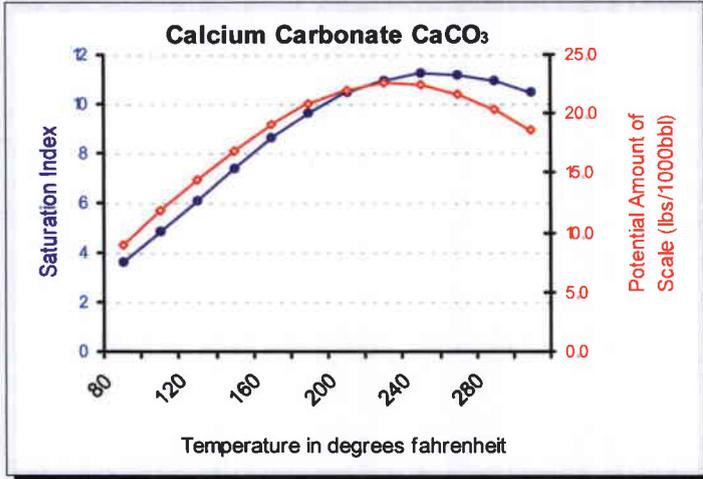
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## Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**



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Multi-Chem Analytical Laboratory  
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**ATTACHMENT**



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**Water Analysis Report**

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

Sample ID: **WA-52905**

Well Name: **Ashley 4-1-9-15**

Sample Date: **1/12/2011**

Sales Rep: **Monty Frost**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/12/2011 12:00:00 AM
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0010
pH:	8.57
Turbidity (NTU):	
Calculated T.D.S. (mg/L):	3287
Molar Conductivity (µS/cm):	4981
Resitivity (Mohm):	2.0076

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	10.50	Chloride (Cl):	1200.00
Magnesium (Mg):	4.20	Sulfate (SO4):	52.00
Barium (Ba):	33.90	Dissolved CO :	-
Strontium (Sr):	-	- Bicarbonate (HCO3):	1098.00
Sodium (Na):	1264.00	Carbonate (CO3):	-
Potassium (K):	-	- H2S:	4.50
Iron (Fe):	0.33	Phosphate (PO4):	-
Manganese (Mn):	0.17	Silica (SiO2):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO3):	-
Ammonia NH3:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO3		Gypsum CaSO4•2H2O		Calcium Sulfate CaSO4		Strontium Sulfate SrSO4		Barium Sulfate BaSO4		Calculated CO2 psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100		6.10	12.55	0.00	-1613.40	0.00	-1711.60	-	-	156.70	62.07	0.08
80	0	4.78	12.56	0.00	1.35	0.00	-1833.00	-	-	233.98	62.28	0.04
100	0	6.10	12.55	0.00	3.27	0.00	-1711.60	-	-	156.69	62.07	0.05
120	0	7.29	11.95	0.00	4.08	0.00	-1538.40	-	-	107.46	61.77	0.05
140	0	8.36	11.12	0.00	4.26	0.00	-1337.50	-	-	75.34	61.37	0.06
160	0	9.26	10.27	0.00	4.09	0.00	-1129.20	-	-	53.91	60.84	0.07
180	0	9.93	9.54	0.00	3.75	0.00	-928.70	-	-	39.29	60.15	0.07
200	0	10.38	8.97	0.00	3.35	0.00	-745.91	-	-	29.11	59.26	0.07
220	2.51	10.57	8.63	0.00	2.97	0.00	-591.03	-	-	21.55	58.08	0.07
240	10.3	10.59	8.43	0.00	2.60	0.00	-455.71	-	-	16.35	56.64	0.07
260	20.76	10.42	8.39	0.00	2.25	0.01	-344.52	-	-	12.50	54.84	0.07
280	34.54	10.10	8.47	0.00	1.93	0.01	-255.26	-	-	9.61	52.59	0.08
300	52.34	9.62	8.62	0.00	1.61	0.02	-185.00	-	-	7.40	49.78	0.08

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

**Notes:**

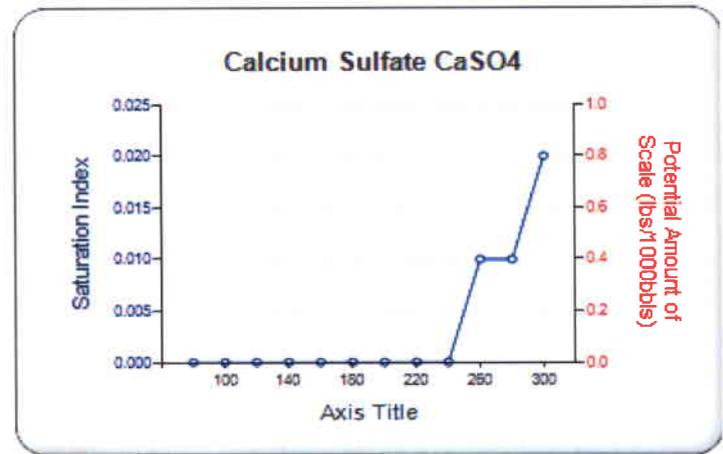
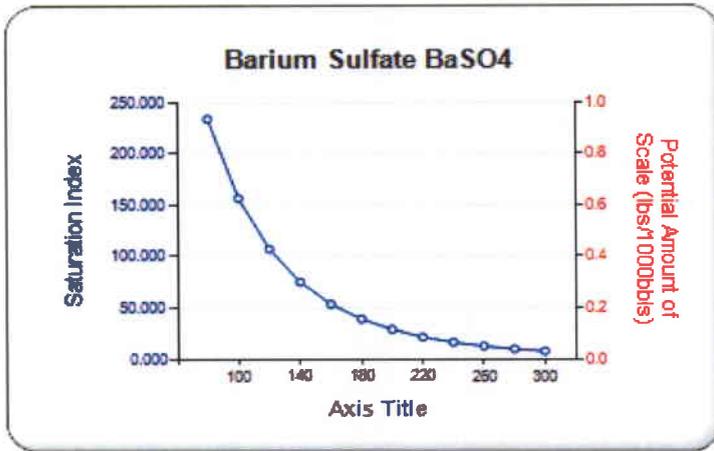
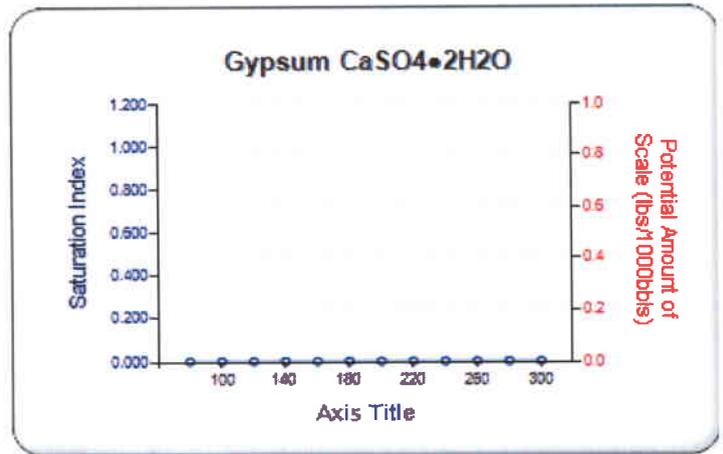
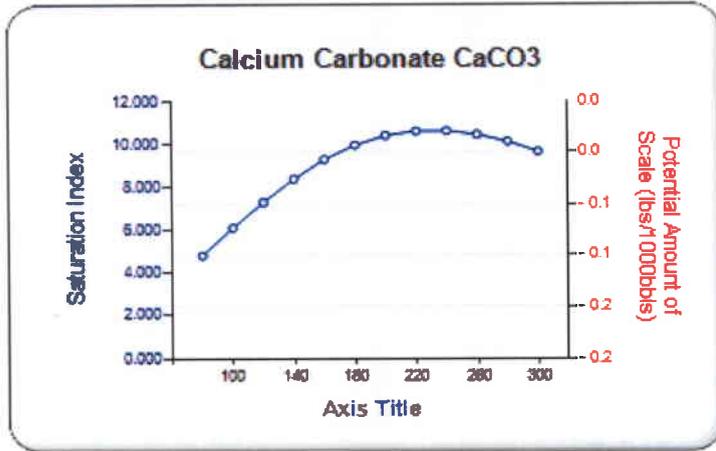
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Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate scale is indicated at all temps from 80°F to 300°F

# ATTACHMENT F

4054



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**Attachment "G"**

**Ashley #4-1-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5366	5505	5436	2460	0.89	2425
4839	4860	4850	2500	0.95	2469
5014	5077	5046	1975	0.83	1942 ←
4503	4567	4535	2275	0.94	2246
				<b>Minimum</b>	<u><u>1942</u></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.

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DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 1/29/00 Completion Day: 01  
Present operation: Con't PU & pressure test tbg--bit & scraper run Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD:  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: "B" M-50 Pkr/EOT: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: 28-Jan-00 SITP: SICP: 0

MIRU KES #57. Install 5M frac head. NU 5M BOP. Change pipe rams. Pressure test csg, blind rams, csg valves & frac head seal to 3000 psi. Talley, drift, PU & RIH W/ 4 3/4" bit, 5 1/2" csg scraper, SN (W/ standing valve in place), & 100 jts 2 7/8 8rd 6.5# "B" grade M-50 tbg. Pressure test tbg as RIH to 3000 psi. SIFN W/ EOT @ 3100'.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
Fluid lost/recovered today: 0 Oil lost/recovered today: 0  
Ending fluid to be recovered: 0 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

KES rig	\$1,462
BOP	\$130
Trucking	\$1,100
Tbg head	\$1,500
Rst labor	\$300
Loc. Preparation	\$300
Treat-O-clay	\$125
Water	\$200
CBL	\$1,500
Drilling cost	\$144,897
IPC Supervision	\$200

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

Completion Supervisor: Gary Dietz

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DAILY COST: \$151,714  
TOTAL WELL COST: \$151,714

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DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 1/30/00 Completion Day: 02  
Present operation: Perf & frac zones Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBDT: 5846'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: "B" M-50 Pkr/EOT: 0 BP/Sand PBDT: 5846'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Jan-00 SITP: SICIP: 0  
Con't Talley, drift, PU & RIH W/ 4 3/4" bit, 5 1/2" csg scraper, SN ( W/ standing valve in place) & 2 7/8 8rd 6.5# "B" grade M-50 tbg--190 jts total. Tag PBDT @ 5846'. Pressure test tbg as RIH to 3000 psi. RIH W/ overshot on sandline & fish standing valve. TOH W/ tbg. LD bit & scraper. SIFN.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

COSTS

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

KES rig	\$1,938
BOP	\$140
Tbg	\$12,524
Csg scraper	\$250
IPC Supervision	\$200

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

DAILY COST: \$15,052  
TOTAL WELL COST: \$166,766

Completion Supervisor: Gary Dietz

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3 of 11

DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 2/1/00 Completion Day: 3a
Present operation: C/O PBTD Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5897'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: B\* M-50 Pkr/EOT: BP/Sand PBTD: 5897'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include LDC sds with various depth ranges and SPF values.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-00 SITP: SICP: 2200

RU Weatherford WLT & perf LDC sds @ 5366-71', 5457-61', 5483-90', 5493-97', 5502-05'. W/ 4 JSPF. RU BJ Services and frac LDC sds W/ 75,483# 20/40 sd in 575 bbls Viking I-25 fluid. Perfs broke dn @ 3185 psi. Treated @ ave press of 2200 psi. W/ ave rate of 30.8 BPM. ISIP-2460 psi, 5 min-2311 psi. 10 min-2214psi. See Day 3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 681 Oil lost/recovered today: 0
Ending fluid to be recovered: 681 Cum oil recovered: 0
IFL: 714 FFL: 0 FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services

Table with 2 columns: Description, Quantity. Rows include 3000 gal of pad, 1000 gal W/ 1-5 ppg of 20/40 sand, 8000 gal W/ 5-7 ppg of 20/40 sand, 4000 gal W/ 7-9 ppg of 20/40 sand, Flush W/ 5250 gal of slick water, .886 FG.

Summary table with 4 columns: Max TP, Max Rate, Total fluid pmpd, Avg TP, Avg Rate, Total Prop pmpd, ISIP, 5 min, 10 min, 15 min. Values include 3185, 31.7, 575 bbls, 2200, 30.8, 75,483#, 2460, 2311, 2214.

COSTS

Table with 2 columns: Item, Cost. Rows include KES rig (\$1,672), BOP (\$140), 5 1/2" RBP rental (\$600), Weatherford W.L.T. (\$3,805), BJ Services (\$19,566), Fuel gas (+/-400mcf) (\$1,000), Tank rental (3 x 3 day) (\$90), Frac head rental (est) (\$200), IPC Supervision (\$200).

DAILY COST: \$27,273
TOTAL WELL COST: \$194,039

Completion Supervisor: Pat Wisener

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DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 2/1/00 Completion Day: 3b
Present operation: C/O PBTB Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 51/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTB: 5846'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: B\* M-50 Pkr/EOT: 1291' BP/Sand PBTB: 4960'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: D sds, 4839-4860', 4/84

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-00 SITP: SICP: 0

RU Weatherford WLT.& Set RBP @ 4960'. 1st run was a misfire. \* Perf D sds @ 4839-4860' W/ 4 JSPF. RU BJ Services & frac D sds w/ 68,395# 20/40 sd in 513 bbls Viking I-25 fluid. Perfs broke dn @ 3600 psi. Treated @ ave press of 1900 psi. W/ ave rate of 27.7 BPM. ISP-2500 psi, 5 min-2400 psi. Flow well back @ 1 BPM through 12/64" choke for 3 hrs & died. Rec 118 BTF. TIH W/ 41 jts tbg. SWIFN. Well flowed back est. 118 bbls for 23%. of D sand frac. 1076 bbls estimated total to recover.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 681 Starting oil rec to date: 0
Fluid lost/recovered today: 395 Oil lost/recovered today: 0
Ending fluid to be recovered: 1076 Cum oil recovered: 0
IFL: 0 FFL: 0 FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail:

Table with 2 columns: Description, Quantity. Rows include: 3000 gal of pad, 1000 gal W/ 1-5 ppg of 20/40 sand, 6000 gal W/ 5-7 ppg of 20/40 sand, 3000 gal W/ 7-9 ppg of 20/40 sand, Flush W/ 4746 gal of slick water, .949 FG

Summary table with 4 columns: Max TP, Max Rate, Total fluid pmpd, Avg TP, Avg Rate, Total Prop pmpd, ISIP, 5 min, 10 min, 15 min. Values: Max TP: 3600, Max Rate: 28.5, Total fluid pmpd: 513, Avg TP: 1900, Avg Rate: 27.7, Total Prop pmpd: 68,395, ISIP: 2500, 5 min: 2400, 10 min: 15 min:

Completion Supervisor: Pat Wisener

COSTS

SEE DAY 3a

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DIV. OF OIL, GAS & MINING

DAILY COST: See Day 3a
TOTAL WELL COST: \$194,039





DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 2/3/00 Completion Day: 05
Present operation: PU rod string/ Place well on production Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: "B" M-50 Pkr/EOT: 5568' BP/Sand PBTD: 5822'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include LDC sds with various depth ranges and shot counts.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 02-Feb-00 SITP: 25 SICP: 100

Bleed gas off well. RU swab equip. IFL @ 400'. Made 17 swab runs rec 113 BTF W/ tr oil & good gas. FFL @ 2000'. No sand in samples. Pump 20 BW dn tbg & 20 BW dn csg to stifle gas. TIH W/ tbg. Tag fill @ 5822'--4' add'l fill. LD excess tbg. TOH W/ tbg & pinned NC. TIH W/ BHA & prod. tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 5 jts tbg, repaired Randy's 5 1/2" TA (40K), 173 jts 2 7/8 8rd 6.5# "B" grade M-50 tbg. ND BOP. Strip off 5M frac head. Strip on 3M prod tbg head. Set TA @ 5351' W/ SN @ 5504' & EOT @ 5568'. Land tbg W/ 12,000# tension. NU wellhead. SIFN W/ est 906 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 979 Starting oil rec to date: 0
Fluid lost/recovered today: 73 Oil lost/recovered today: 0
Ending fluid to be recovered: 906 Cum oil recovered: 0
IFL: 400' FFL: 1500' FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Table with 2 columns: Cost Item, Amount. Items include KES rig (\$2,273), BOP (\$130), TA/SN (\$550), IPC Supervision (\$200).

PRODUCTION TBG STRING DETAIL:

ROD STRING DETAIL:

KB 10.00'
173 2 7/8 M-50 tbg (5341.00')
TA (2.80' @ 5351.00' KB)
5 2 7/8 M-50 tbg (150.39')
SN (1.10' @ 5504.19' KB)
2 2 7/8 M-50 tbg (62.35')
2 7/8 NC (.45')
EOT 5568.09' W/ 10' KB

Blank lines for ROD STRING DETAIL.

Tbg--"B" grade M-50 f/ inventory
Pump & TA f/ BF 9-21-8-17

Completion Supervisor: Gary Dietz

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DAILY COST: \$3,153
TOTAL WELL COST: \$200,038



DAILY COMPLETION REPORT

WELL NAME: Ashley 4-1-9-15 Report Date: 2/4/00 Completion Day: 06  
Present operation: Well on production Rig: KES #57

WELL STATUS

Surf Csg: 8 5/8 @ 316' KB Production csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: "B" M-50 Pkr/EOT: 5568' BP/Sand PBTD: 5822'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4839-4860'	4/84	LDC sds	5366-5371'	4/20
			LDC sds	5457-5461'	4/16
			LDC sds	5483-5490'	4/28
			LDC sds	5493-5497'	4/16
			LDC sds	5502-5505'	4/12

CHRONOLOGICAL OPERATIONS

Date Work Performed: 03-Feb-00 SITP: 100 SICP: 100

Bleed gas off well. Flowing oil & gas. Pump 32 BW dn tbg. Csg flowing back, recovered 50 BO. PU & TIH W/ rod string as follows: Repaired Randy's 2 1/2" x 1 1/2" x 15' RHAC pump, 4-1" scraped rods, 10-3/4" scraped rods, 117-3/4" plain rods, 87-3/4" scraped rods, 1-8', 1-6', 1-2' X 3/4" pony rods, 1 1/2" X 22' polished rod. All rods "B" grade. Seat pump. Fill tbg W/ 3 BW. Press test pump & tbg to 200 psi. Stroke pump up W/ rig to 800 psi. Good pump action. RU pumping unit. RDMOSU. Place well on production @ 1:00 PM 2/3/00 W/ 74" SL @ 6 SPM. Est 941 BWTR.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 906 Starting oil rec to date: 0  
Fluid lost/recovered today: 35 Oil lost/recovered today: 50  
Ending fluid to be recovered: 941 Cum oil recovered: 50 bbls transferred  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

KES rig	\$1,373
HO trk	\$440
Water truck	\$200
Water disposal	\$800
Pit reclaim	\$1,000
"B" grade rod string	\$6,029
Trucking	\$300
Loc. Cleanup	\$300
Rod pump	\$900
Sfc equip.	\$77,064
Swab tank (6 days)	\$60
IPC Supervision	\$200

PRODUCTION TBG STRING DETAIL:

KB 10.00'  
173 2 7/8 M-50 tbg (5341.00')  
TA (2.80' @ 5351.00' KB)  
5 2 7/8 M-50 tbg (150.39')  
SN (1.10' @ 5504.19' KB)  
2 2 7/8 M-50 tbg (62.35')  
2 7/8 NC (.45')  
EOT 5568.09' W/ 10' KB

ROD STRING DETAIL:

1 1/2" X 22' polished rod  
1-8', 1-6', 1-2' X 3/4" ponies  
87-3/4" scraped rods  
117-3/4" plain rods  
10-3/4" scraped rods  
4-1" scraped rods  
Randy's 2 1/2 X 1 1/2 X 15'  
RHAC pump W/SM plunger

Tbg--"B" grade M-50 f/ inventory  
Pump & TA f/ BF 9-21-8-17

"B" rod string f/ TSF 3-31-8-17

Completion Supervisor: Gary Dietz

DAILY COST: \$88,666

RECEIVED TOTAL WELL COST: \$288,704

APR 11 2011



8 of 11

**DAILY WORKOVER REPORT**

WELL NAME: Ashley Federal 4-1-9-15

Report Date: June 13, 2006

Day: 1

Operation: Re-completion

Rig: \_\_\_\_\_ NC #2

**WELL STATUS**

Surf Csg: 8 5/8 @ 316' Prod Csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 1972' BP/Sand PBTD: 5702'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4839-4860'	4/84	LODC sds	5502-5505'	4/12
LODC sds	5366-5371'	4/20			
LODC sds	5457-5461'	4/16			
LODC sds	5483-5490'	4/28			
LODC sds	5493-5497'	4/16			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: June 12, 2006

SITP: 0 SICP: 0

MIRU NC #2. RU HO trk & pump 40 BW dn casing @ 250°F. RD pumping unit & unseat rod pump. RU HO trk & flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string--LD pump. ND wellhead & release TA @ 5430'. NU BOP. Talley & PU work string and tag fill @ 5702'. LD work string. TOH & talley production tbg--LD BHA. Talley, PU & TIH W/ 4 3/4" bit, 5 1/2" casing scraper & 2 7/8 8rd 6.5# N-80 tbg to 5212'. TOH W/ tbg to 1972'. SIFN W/ est 85 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 0 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 85 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 85 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

AS PULLED:		AS PULLED:		COSTS	
KB	10.00'	1 1/2" X 22' polished rod		NC #2 rig	\$4,709
176	2 7/8 M-50 tbg (5450.37')	1-2' X 3/4" pony rod		Weatherford BOP	\$140
	TA (2.80' @ 5460.37' KB)	98-3/4" scraped rods		NDSI trucking	\$1,000
2	2 7/8 M-50 tbg (63.05')	40-3/4" plain rods		NDSI wtr & truck	\$600
	SN (1.10' @ 5526.22' KB)	76-3/4" scraped rods		NDSI HO trk	\$800
2	2 7/8 M-50 tbg (62.35')	6-1 1/2" weight rods		CDI TA repair	\$350
	2 7/8 NC (.45')	2 1/2" X 1 1/2" X 16' RHAC pump		CDI pump repair	\$1,000
EOT	5590.12' W/ 10' KB			Unichem chemicals	\$300
				Weatherford scraper	\$450
				NPC supervision	\$300
				<b>DAILY COST:</b>	<b>\$9,649</b>
				<b>TOTAL WELL COST:</b>	<b>\$9,649</b>

Workover Supervisor: Gary Dietz

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**DAILY WORKOVER REPORT**

WELL NAME: Ashley Federal 4-1-9-15 Report Date: 6/14/2006 Day: 2  
 Operation: Re-completion Rig: NC #2

**WELL STATUS**

Surf Csg: 8 5/8 @ 316' Prod Csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 4351' BP/Sand PBTD: 5702'  
 BP: 4583'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4839-4860'	4/84	LODC sds	5366-5371'	4/20
PB8 sds	New 4503- 4510'	4/28	LODC sds	5457-5461'	4/16
PB10 sds	New 4554- 4567'	4/52	LODC sds	5483-5490'	4/28
C sds	New 5014- 5022'	4/32	LODC sds	5493-5497'	4/16
B sds	New 5073- 5077'	4/16	LODC sds	5502-5505'	4/12

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: 6/13/2006 SITP: 0 SICP: 0

Flush tbg. w/ 40 bbls water. Cont. POOH w/ tbg. LD bit & scraper. RU perforators. Perf B sds @ 5073-77', C sds @ 5014-22', PB10 sds @ 4554-67' & PB8 sds @ 4503-10'. RD perforators. RIH w/ 5 1/2" TS plug, on/off tool, 4' x 2 3/8" tbg sub, 5 1/2" HD pkr., PSN & 2 7/8" tbg. Set TS plug @ 4518' & HD pkr @ 4474'. Break B sds @ 3100 psi. IR @ 1 bpm @ 2400 psi. ISIP @ 1500 psi. Move TS to 4583', HD pkr. to 4538'. Break C sds @ 5000 psi. IR @ 1 1/4 bpm @ 1200 psi. ISIP @ 1150 psi. Move TS plug to 5049', HD pkr. to 4988'. Break PB10 sds @ 5100 psi. IR @ 1/2 bpm @ 2600 psi. ISIP @ 1900 psi. Move TS plug to 5098', HD pkr. to 5053'. Break PB8 sds @ 2500 psi. IR @ 1/4 bpm @ 2050 psi. ISIP @ 1700 psi. Move TS plug to 4896'. RU BJ frac crew. Pressure up on annulus and hold pressure during frac. 14 psi on well. Frac B & C sds w/ 39,156#'s of 20/40 sand in 330 bbls of Lightning 17 fluid. Broke @ 3001 psi Treated w/ ave pressure of 3565 psi @ ave rate of 14.4 BPM. ISIP 1975 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 1 1/2 hrs & died. Rec. 95 BTF. Pressure up on annulus & Release pkr. Circulate well clean. TIH w/ tbg. Tagged sand @ 5085'. C/O to plug @ 5100'. Move tools up hole. Set plug @ 4583'. Leave pkr hanging @ 4351'. SIWFN w/ 400 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 85 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 315 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 400 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: B & C sands down 2 7/8 tbg  
3900 gals of pad  
2856 gals W/ 1-4 ppg of 20/40 sand  
5640 gals W/ 4-6.5 ppg of 20/40 sand  
288 gals W/ 6.5 ppg of 20/40 sand  
Flush W/ 1176 gals of slick water  
 Max TP: 4120 Max Rate: 14.6 BPM Total fluid pmpd: 330 bbls  
 Avg TP: 3565 Avg Rate: 144 BPM Total Prop pmpd: 39,156#'s  
 ISIP: 1975 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .83  
 Completion Supervisor: Don Dulen/Orson Barney

**COSTS**

NC #2 rig	\$4,907
Weatherford BOP	\$140
Perforators LLC	\$5,053
BJ Services B-C sds	\$26,369
NPC frac wtr	\$756
NDSI HO trk	\$960
D&M hot oil	\$468
Weatherford tools/serv	\$3,300
NPC supervision	\$300
<b>DAILY COST:</b>	<b>\$42,253</b>
<b>TOTAL WELL COST:</b>	<b>\$51,902</b>

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DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 4-1-9-15  
 Operation: Re-completion

Report Date: 6/15/2006

Day: 3

Rig: \_\_\_\_\_ NC #2 \_\_\_\_\_

WELL STATUS

Surf Csg: 8 5/8 @ 316' Prod Csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 5590' BP/Sand PBTD: 5702'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4839-4860'	4/84	LODC sds	5366-5371'	4/20
PB8 sds	New 4503- 4510'	4/28	LODC sds	5457-5461'	4/16
PB10 sds	New 4554- 4567'	4/52	LODC sds	5483-5490'	4/28
C sds	New 5014- 5022'	4/32	LODC sds	5493-5497'	4/16
B sds	New 5073- 5077'	4/16	LODC sds	5502-5505'	4/12

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/14/2006 SITP: 0 SICP: \_\_\_\_\_

Set HD pkr @ 4351'. RU BJ Services to tbg. Pressure up on annulus and hold pressure during frac. 0 psi on well. Frac PB10 & PB8 sds w/ 72,755#'s of 20/40 sand in 572 bbls of Lightning 17 fluid. Broke @ 2807 psi Treated w/ ave pressure of 3571 psi @ ave rate of 14.3 BPM. ISIP 2275 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 hrs & died. Rec. 170 BTF. Pressure up on annulus & Release pkr. Circulate well clean. TIH w/ tbg. Tagged sand @ 4573'. C/O to plug @ 4583'. Release plug. POOH w/ tbg. LD plug & pkr. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 3 jts 2 7/8" tbg., 5 1/2" TAC, 175 jts 2 7/8" tbg. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 400 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 450 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 850 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: PB8 & PB10 sands down 2 7/8 tbg  
7100 gals of pad  
4766 gals W/ 1-4 ppg of 20/40 sand  
9540 gals W/ 4-6.5 ppg of 20/40 sand  
1526 gals W/ 6.5 ppg of 20/40 sand  
Flush W/ 1092 gals of slick water

COSTS

NC #2 rig	\$4,678
Weatherford BOP	\$140
BJ Services PB8 & 10	\$18,496
NPC frac wtr	\$1,404
Weatherford tools/serv	\$1,350
NPC water disposal	\$400
NPC supervision	\$300

Max TP: 3771 Max Rate: 14.4 BPM Total fluid pmpd: 572 bbls  
 Avg TP: 3571 Avg Rate: 14.3 BPM Total Prop pmpd: 72,755#'s  
 ISIP: 2275 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .94  
 Completion Supervisor: Don Dulen/Orson Barney

DAILY COST: \$26,768  
 TOTAL WELL COST: \$78,670

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DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 4-1-9-15  
 Operation: Re-completion

Report Date: 6/16/2006

Day: 4

Rig: NC #2

WELL STATUS

Surf Csg: 8 5/8 @ 316' Prod Csg: 5 1/2" 17# N-80 & 15.5# J-55 @ 5897' Csg PBTD: 5846'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 5590' BP/Sand PBTD: 5702'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4839-4860'	4/84	LODC sds	5366-5371'	4/20
PB8 sds	New 4503- 4510'	4/28	LODC sds	5457-5461'	4/16
PB10 sds	New 4554- 4567'	4/52	LODC sds	5483-5490'	4/28
C sds	New 5014- 5022'	4/32	LODC sds	5493-5497'	4/16
B sds	New 5073- 5077'	4/16	LODC sds	5502-5505'	4/12

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/15/2006 SITP: 0 SICP: 0

RIH w/ swab. SFL @ 100'. Made 16 runs. Recovered 150 bbls. Trace of oil. No show of sand or gas. EFL @ 1000'. RD swab. RIH w/ tbg. Tag @ 5702'. C/O to PBTD @ 5846'. LD 8 jts 2 7/8" workstring. ND BOP. Set TAC @ 5430' w/ 16000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 10' x 14' RHAC pump, 6- 1 1/2" weight bars, 76- 3/4" guided rods, 40- 3/4" slick rods, 98- 3/4" guided rods, 1- 2' x 3/4" pony sub, 1 1/2" x 22' polished rod. Seat pump. Fill tbg. w/ 5 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Return well to production @ 6:00 p.m. Final Report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 400 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 450 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 850 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

TUBING DETAIL

ROD DETAIL

COSTS

AS PULLED:		AS PULLED:		COSTS	
KB	10.00'	1 1/2" X 22' polished rod		NC #2 rig	\$4,638
175	2 7/8 M-50 tbg (5420.64')	1-2' X 3/4" pony rod		Weatherford BOP	\$140
	TA (2.80' @ 5430.64' KB)	98-3/4" scraped rods		N-80 tbg. String	\$800
3	2 7/8 M-50 tbg (92.78')	40-3/4" plain rods		NPC frac valve(2 days)	\$340
	SN (1.10' @ 5526.22' KB)	76-3/4" scraped rods		NPC swab tk 4 days	\$160
2	2 7/8 M-50 tbg (62.35')	6-1 1/2" weight rods		NPC frac tk(3x4days)	\$480
	2 7/8 NC (.45')	2 1/2" X 1 1/2" X 16' RHAC pump		NPC water disposal	\$400
EOT	5590.12' W/ 10' KB			CDI TAC repair	\$350
Max TP:	_____	Total fluid pmpd:	_____	CDI pump repair	\$1,000
Avg TP:	_____	Total Prop pmpd:	_____	NPC supervision	\$300
ISIP:	5 min: _____	10 min: _____	FG: _____	DAILY COST:	\$8,608
Completion Supervisor:	_____	Don Dulen		TOTAL WELL COST:	\$87,278

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APR 11 2011

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4453'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 366'

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

Ashley #4-1-9-15

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**APR 11 2011**  
DIV. OF OIL, GAS & MINING

## Ashley #4-1-9-15

Initial Production:

Spud Date: 1/8/00  
 Put on Production: 2/3/00  
 GL: 5906.5' KB: 5916.5'

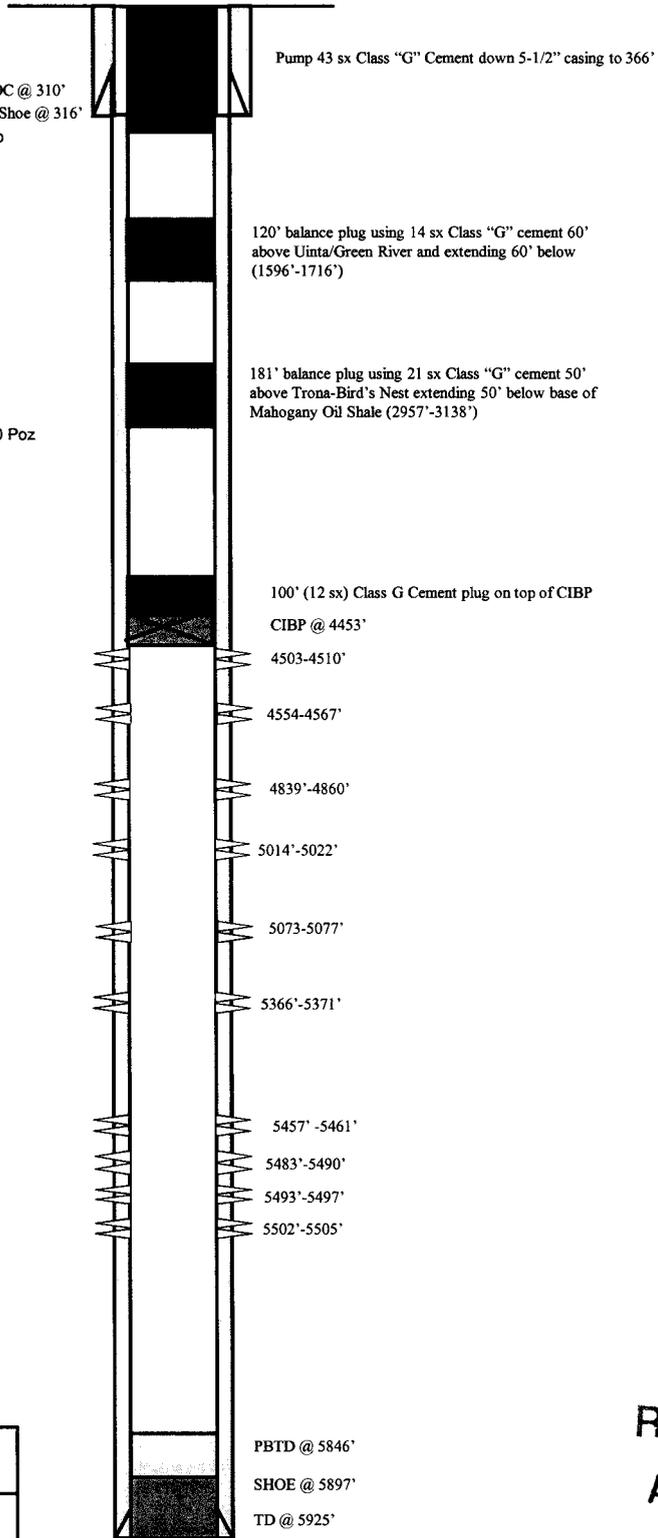
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (318.56')  
 DEPTH LANDED: 316.16' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 155sxs class "G" mixed cmt, est 5 bbls cmt to surf.

#### PRODUCTION

CSG SIZE: 5 1/2"  
 GRADE: N-80, J-55  
 LENGTH: 138 jts (5899.41')  
 DEPTH LANDED: 5897.01' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 295 sxs Prem. Lite II mixed & 450 sxs 50/50 Poz mix.  
 CEMENT TOP AT: 310'




<p><b>Ashley Federal #4-1-9-15</b>                  847' FNL &amp; 653' FWL                  NW/NW Section 1-T9S-R15E                  Duchesne Co, Utah                  API #43-013-32118; Lease #UTU-74826</p>

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 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

**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-74826
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) 847 FNL 653 FWL NWNW Section 1 T9S R15E		8. Well Name and No. ASHLEY U 4-1-9-15
		9. API Well No. 4301332118
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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	

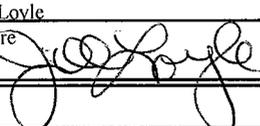
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

**RECEIVED**

**APR 11 2011**

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 04/04/2011

**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)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, 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:

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Monument Federal 41-12J well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East  
West Point 4-17-9-16 well located in NW/4 NW/4, Section 17, Township 9 South, Range 16 East  
Monument Butte Federal 31-18-9-16Y well located in NW/4 NE/4, Section 18, 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 18th day of April, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY U 4-1-9-15, ASHLEY FEDERAL 6-1,  
ASHLEY 10-1, ASHLEY FEDERAL 12-1-9-15,  
ASHLEY FEDERAL 14-1, ASHLEY FEDERAL 16-1,  
NINE MILE 4-7-9-16, MONUMENT FEDERAL 41-12J,  
WEST POINT 4-17-9-16, MONUMENT BUTTE FEDERAL 31-18-9-16Y**

**Cause No. UIC-375**

Publication Notices were sent to the following:

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

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

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

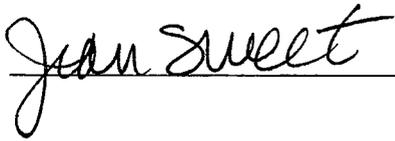
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

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

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

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 18, 2011

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

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-375**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 4/19/2011 4:12 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

---

On 4/18/2011 2:28 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

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

This will be published April 26. 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

April 18, 2011

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

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

**Order Confirmation for Ad #0000683159-01**

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

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

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Dated this 18th day of April, 2011.

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

683159

UPAXLP

<b>Total Amount</b>	<b>\$253.64</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$253.64</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Cause No. UIC-375	

**Confirmation Notes:**

**Text:**

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 74 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	04/22/2011	

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

**MEDIAOne**  
OF UTAH  
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	4/25/2011

RECEIVED  
MAY 03 2011

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000683159 /
SCHEDULE	
Start 04/22/2011	End 04/22/2011
CUST. REF. NO.	
Cause No. UIC-375	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE	
SIZE	
74 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
253.64	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 18th day of April, 2011.

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

683159 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-375 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 04/22/2011 End 04/22/2011

SIGNATURE [Signature]  
4/25/2011

VIRGINIA GRIFT  
Notary Public, State of Utah  
My Commission Expires  
January 12, 2011

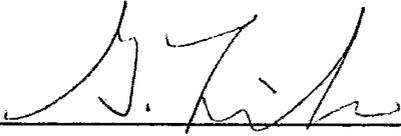
[Signature]

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

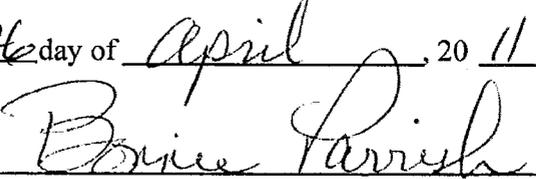
# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of April, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of April, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
\_\_\_\_\_  
Editor

Subscribed and sworn to before me this

26 day of April, 20 11  
  
\_\_\_\_\_  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-375

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, 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 U4-1-9-15 well located in NW/4 NW/4, Section 1, Township 9 South, Range 15 East

Ashley Federal 6-1 well located in SE/4 NW/4, Section 1, Township 9 South, Range 15 East

Ashley 10-1 well located in NW/4 SE/4, Section 1, Township 9 South, Range 15 East

Ashley Federal 12-1-9-15 well located in NW/4 SW/4, Section 1, Township 9 South, Range 15 East

Ashley Federal 14-1 well located in SE/4 SW/4, Section 1, Township 9 South, Range 15 East

Ashley Federal 16-1 well located in SE/4 SE/4, Section 1, Township 9 South, Range 15 East

Nine Mile 4-7-9-16 well located in NW/4 NW/4, Section 7, Township 9 South, Range 16 East

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

**Applicant:** Newfield Production Company      **Well:** Ashley U 4-1-9-15

**Location:** 1/9S/15E      **API:** 43-013-32118

**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 State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 316 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,897 feet. A cement bond log demonstrates adequate bond in this well up to about 2,525 feet. A 2 7/8 inch tubing with a packer will be set at 4,453 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 6 producing wells, 3 injection wells, and 1 shut-in well in the AOR. One of the producing oil wells is a horizontal well, with a surface location inside the AOR and a bottom hole location outside the AOR. Also, another horizontal well is currently being drilled from a surface location outside the AOR to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 200 feet. Injection shall be limited to the interval between 4,133 feet and 5,846 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-1-9-15 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,942 psig. The requested maximum pressure is 1,942 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley U 4-1-9-15**  
**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 5/3/2011



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

May 26, 2011

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

Subject: Greater Monument Butte Unit Well: Ashley U 4-1-9-15, Section 1, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32118

Gentlemen:

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

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

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

Sincerely,

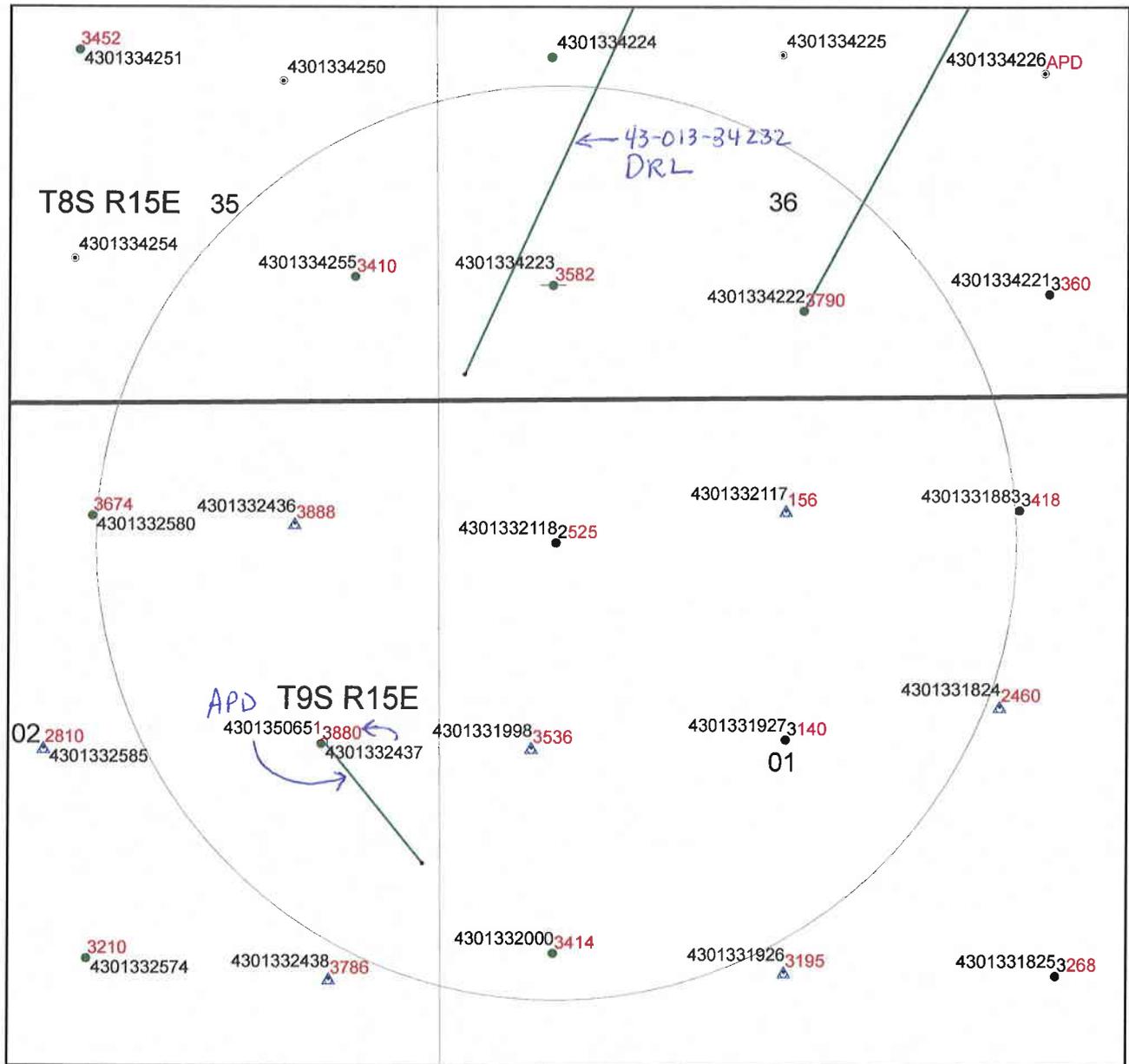
John Rogers  
Associate Director

JR/MLR/js

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

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





# Cement Bond Tops

## ASHLEY U 4-1-9-15

API #43-013-32118  
UIC-375.7

### Legend

- |   |                                     |
|---|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROIIGasWells_55 | PRODUCING GAS                       |
| SGID93 BOUNDARIES.COUNTIES                | PRODUCING OIL                       |
| SGID93.CADASTRE.PLSSTownships_GCDB        | SHUT-IN GAS                         |
| SGID93.CADASTRE.PLSSEctions_GCDB          | SHUT-IN OIL                         |
| GAS INJECTION                             | TEMP ABANDONED                      |
| TW  | TEST WELL                           |
| TA  | WATER INJECTION                     |
| OPS                                       | WATER SUPPLY                        |
| GS  | WATER DISPOSAL                      |
| APD                                       | DRILLING                            |
| PA  | RETURNED GAS                        |
| LA  | RETURNED OIL                        |
| GAS STORAGE                               | GAS INJECTION SI                    |
| LOCATION ABANDONED                        | WATER DISP. SUSP.                   |
| NEW LOCATION                              | WATER INJ. SUSP.                    |
| PLUGGED & ABANDONED                       | SGID93 ENERGY.DNROIIGasWells_HDPATH |
|   | Wells-CbltopsMaster4_18_11          |



1870calc = approx cement top calculated from well completion report



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74826
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ASHLEY U 4-1-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013321180000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0847 FNL 0653 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/24/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/20/2013. On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: September 30, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/26/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 9/24/2013 Time 9:30 (am/pm)

Test Conducted by: Kevin Powell

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

Well: <u>Ashley 4-1-9-15</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/NW Sec. 1, T45, R15E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-32118</u>

<u>Time</u>	<u>Casing Pressure</u>
0 min	<u>1570</u> psig
5	_____ psig
10	_____ psig
15	_____ psig
20	_____ psig
25	_____ psig
30 min	_____ psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: \_\_\_\_\_ 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Kevin Powell

## Daily Activity Report

Format For Sundry

**ASHLEY 4-1-9-15**

**7/1/2013 To 11/30/2013**

**9/19/2013 Day: 1**

**Conversion**

WWS #7 on 9/19/2013 - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H2O, pressure test tbg to 3000psi W/ 5 bw - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H2O, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H2O, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H2O, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump. - MIRU, pump 55 bbls water down CSG, RD PU bleed off TBG unseat pump flush Rod W/45 bbls H2O, pressure test tbg to 3000psi W/ 5 bw good test LD 1 1/2X22 polish rod 2 ,B, \*X 3/4 ponys, 99-4per 3/4, 40- slick 3/4, 76--4per 3/4, 6 1/2, WT bars & pump.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$15,982

**9/20/2013 Day: 2**

**Conversion**

WWS #7 on 9/20/2013 - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. - Flush TBG W/55 BW NDWH NU BOP release TAC TOO H talling TBG Breaking & green doping every connection W/143JTS @ 7/8 J55 TBG LD 33JTS TAC 2 JTS SN 2JTS NC TIH W/WL entry Guide , 2 3/8 XN W/1.875 profile, 2 3/8 TBG sub, Xover, 5 1/2 AS-1X PKR, on/off tool, 2 7/8 SN, 143JTS 2 7/8 J-55 tbg pump 10 BW, drop SV psi test tbg to 3000psi W/30 BW SWI ready to check in AM. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,818

**9/23/2013 Day: 3**

**Conversion**

WWS #7 on 9/23/2013 - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid N - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP

set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down. - - Crew safety meeting SITP 2800 psi bleed off well RU & RIH W/SAND line Ret SV POOH & RD sand line Rev circ PKR fluid ND BOP set PKR @ 4442 ft. for 15000 lbs. tension SN @ 4436, XN @ 4450 EOT @ 4452 NU injection tree land tubing psi test casing psi to 1500 psi used 60 bbls. PKR fluid hold for 30 min. good test RIG Down.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$26,765

**9/25/2013 Day: 4**

**Conversion**

Rigless on 9/25/2013 - Conduct initial MIT - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/24/2013 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$52,477

**Pertinent Files: Go to File List**

# Ashley 4-1-9-15

Spud Date: 1/8/00  
 Put on Production: 2/3/00  
 GL: 5906 5' KB: 5916 5'

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE 8 5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 7 jts (318 56')  
 DEPTH LANDED 316 16' KB  
 HOLE SIZE 12 1/4"  
 CEMENT DATA 155sxs class "G" mixed cmt, est 5 bbls cmt to surf

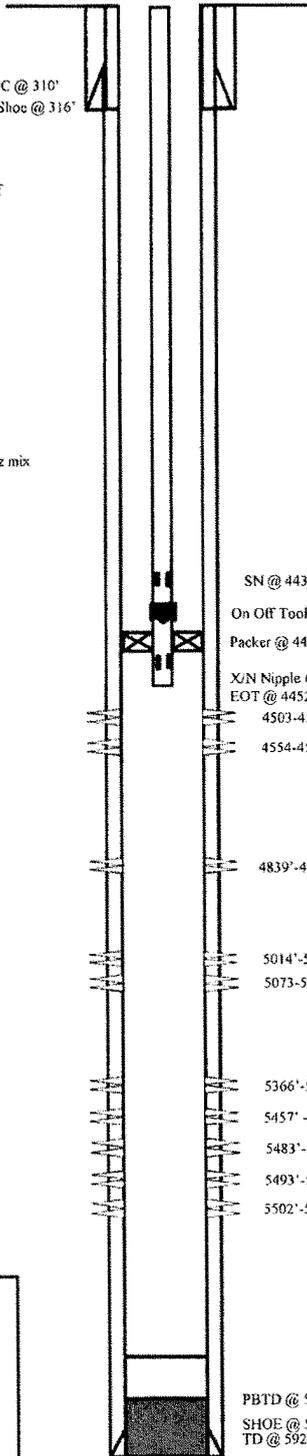
**PRODUCTION**

CSG SIZE 5 1/2"  
 GRADE N-80, J-55  
 LENGTH 138 jts (5899 41')  
 DEPTH LANDED 5897 01' KB  
 HOLE SIZE 7 7/8"  
 CEMENT DATA 295 sxs Prem Lite II mixed & 450 sxs 50/50 Poz mix  
 CEMENT TOP AT 310'

**TUBING**

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 143 jts (4426 2')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 4436 2' KB  
 ON/OFF TOOL AT 4437 3'  
 ARROW #1 PACKER CF AT 4442 4'  
 XO 2-3/8 x 2-7/8 J-55 AT 4446'  
 TBG POP 2-3/8 J-55 AT 4446 5'  
 X/N NIPPLE AT 4450 7'  
 TOTAL STRING LENGTH EOT @ 4452 26'

TOC @ 310'  
 Casing Shoe @ 316'



**FRAC JOB**

1/31/00 5366'-5505' **Frac LODC sands as follows:**  
 75,483# 20/40 sand in 575 bbls Viking I-25 fluid Treated @ avg pressure of 2200 psi w/avg rate of 30.8 BPM ISIP 2460 psi Calc flush: 5364 gal Actual flush 5250 gal

1/31/00 4839'-4860' **Frac D sands as follows:**  
 68,395# 20/40 sand in 513 bbls Viking I-25 fluid Treated @ avg pressure of 1900 psi w/avg rate of 27.7 BPM ISIP 2500 psi Calc flush 4837 gal Actual flush 4746 gal

9/24/02 **Pump change.** Update rod and tubing details

12/14/02 **Tubing Leak.** Update rod and tubing details

01/02/03 **Pump Change.** Update rod detail

06/08/04 **Parted Rods.** Updated Tubing & Rod Detail

08/02/04 **Tubing leak.** Update rod and tubing detail

08/31/05 **Tubing Leak.** Update rod and tubing

6/13/06 5014'-5077' **Frac B & C sands as follows:**  
 39,156# 20/40 sand in 330 bbls Lighting I-7 fluid Treated @ avg pressure of 3565 psi w/avg rate of 14.4 BPM ISIP 1975 psi Calc flush 3077 gal Actual flush 1176 gal

6/14/06 4503'-4567' **Frac PB10 & PB8 sands as follows:**  
 72,755# 20/40 sand in 572 bbls Lighting I-7 fluid Treated @ avg pressure of 3571 psi w/avg rate of 14.3 BPM ISIP 2275 psi Calc flush 2567 gal Actual flush 1092 gal

06/14/06 **Re-completion.** Added new perf's Updated rod and tubing detail

02/25/11 **Tubing Leak.** Rod & tubing updated

09/20/13 **Convert to Injection Well**

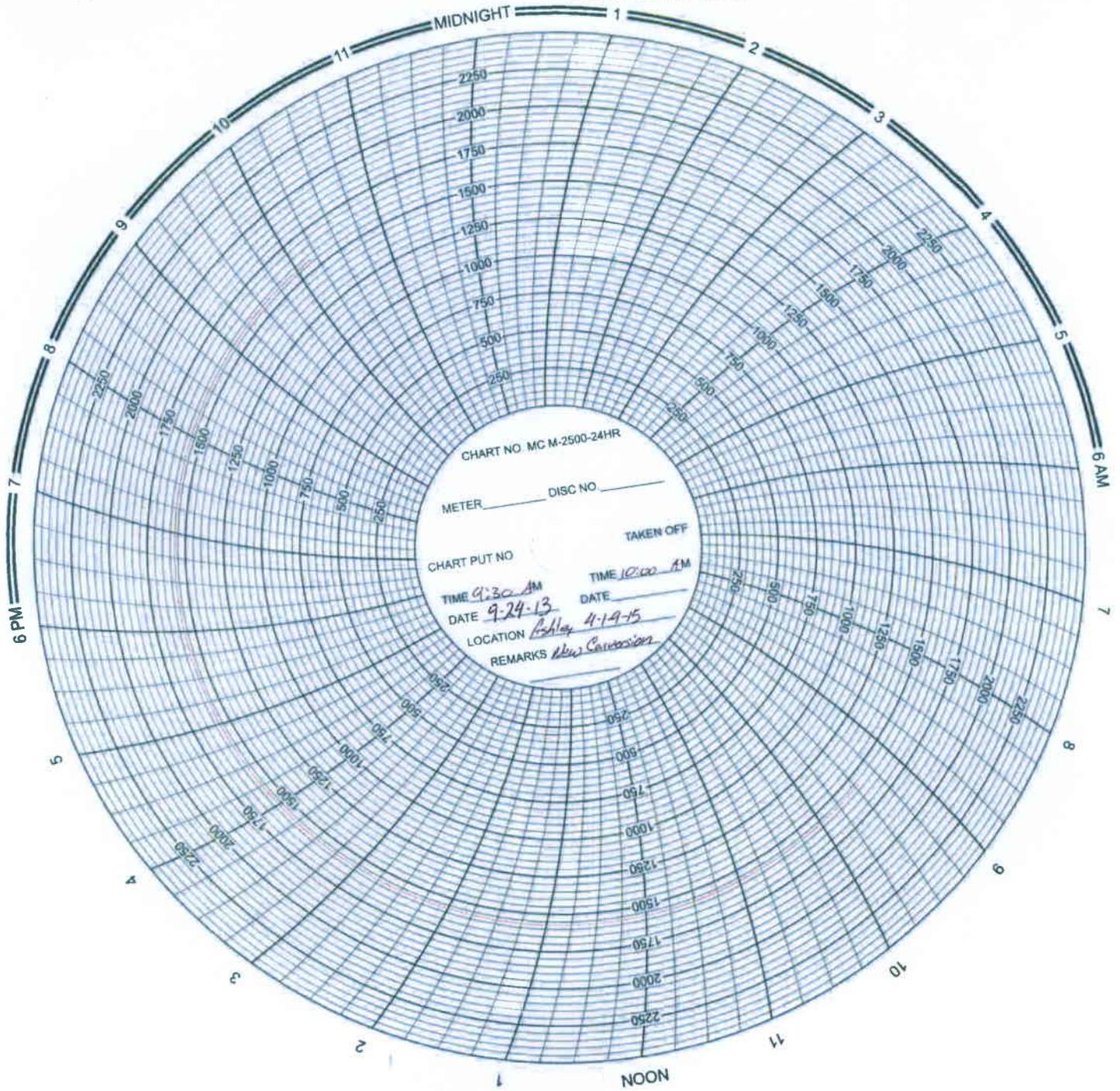
09/24/13 **Conversion MIT Finalized** - update (tbg detail)

**PERFORATION RECORD**

Date	Interval	ISPF	Holes
06-13-06	4503-4510'	4 JSPF	28 holes
06-13-06	4554-4567'	4 JSPF	52 holes
01-31-00	4839'-4860'	4 JSPF	84 holes
06-13-06	5014-5022'	4 JSPF	72 holes
06-13-06	5073-5077'	4 JSPF	16 holes
01-31-00	5366'-5371'	4 JSPF	20 holes
01-31-00	5457' -5461'	4 JSPF	16 holes
01-31-00	5483'-5490'	4 JSPF	28 holes
01-31-00	5493'-5497'	4 JSPF	16 holes
01-31-00	5502'-5505'	4 JSPF	12 holes

**NEWFIELD**

Ashley Federal 4-1-9-15  
 847' FNL & 653' FWL  
 NW/NW Section 1-19S-R15F  
 Duchesne Co, Utah  
 API #43-013-32118; Lease #UTU-74826





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

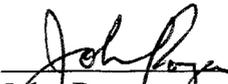
Cause No. UIC-375

**Operator:** Newfield Production Company  
**Well:** Ashley U 4-1-9-15  
**Location:** Section 1, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32118  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 26, 2011.
2. Maximum Allowable Injection Pressure: 1,942 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,133' – 5,846')
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

10/15/2013  
Date

JR/MLR/js

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

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74826
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: ASHLEY U 4-1-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013321180000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0847 FNL 0653 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

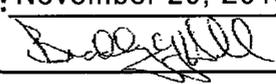
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report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

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

The above reference well was put on injection at 3:00 PM on 10/18/2013.

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

Date: November 20, 2013

By: 

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