

## NEWFIELD



March 1, 2005

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

✓  
RE: Applications for Permit to Drill: 4-27-9-15, 4-34-9-16, 6-28-9-17, and 3-35-9-18.

Dear Diana:

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

Sincerely,

*Mandie Crozier*  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
MAR 03 2005  
DIV. OF OIL, GAS & MINING

001

Form 3160-3  
(September 2001)FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

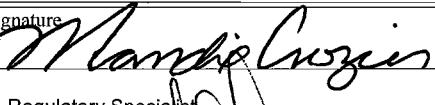
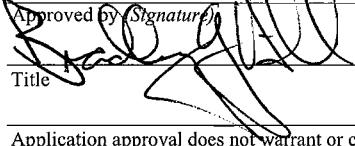
## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	5. Lease Serial No. UTU-66185
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company	7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052	8. Lease Name and Well No. Ashley Federal 4-27-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface NW/NW (Lot#1) 492' FNL 529' FWL 566275X 40.00781 At proposed prod. zone 44287034-110,22352	9. API Well No. 43-013-32770
14. Distance in miles and direction from nearest town or post office* Approximately 17.1 miles southwest of Myton, Utah	10. Field and Pool, or Exploratory Monument Butte Undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 529' f/lease & 529' f/unit	11. Sec., T., R., M., or Blk. and Survey or Area NW/NW (Lot #1) Sec. 27, T9S R15E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 3884'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6560' GL	13. State UT
16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well Approx. 40 Acres
19. Proposed Depth 14,000'	20. BLM/BIA Bond No. on file UTU0056
22. Approximate date work will start* 3rd Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

## 24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/28/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 03-08-05
Title		

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

RECEIVED

MAR 03 2005

Federal Approval of this  
Action is Necessary

DIV. OF OIL, GAS &amp; MINING

Marked Stone  
& Rebar

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

Old Indian Treaty Boundary

S3°03'W - 80.00 (G.L.O.)

SO332'05"W - 5265.91' (Meas.)

4690.67'

31 M

575.24'

1910  
Brass Cap

N89°59'27"W - 2193.37' (Meas.)

WEST - 73.26 (G.L.O.)

N89°56'45"W - 2638.53' (Meas.)

Lot 1

Lot 2

Lot 3

Set 5/8" Rebar  
at Cedar Post  
Marked MM32

Sec. 33 - 160.62' Lot 4

Sec. 4 1999 CC  
443.44 CC

1910  
Brass Cap

WEST (G.L.O.) Basis of Bearings  
2512.41' (Measured)

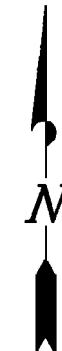
WEST - 78.30 (G.L.O.)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 4-27,  
LOCATED AS SHOWN IN LOT 1 OF  
SECTION 27, T9S, R15E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



N001'W (G.L.O.)

27

## WELL LOCATION: ASHLEY UNIT 4-27

ELEV. UNGRADED GROUND = 6560.0'

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. No.189377

RECEIVED  
STACY W.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 14027  
STATE OF UTAH

STATE OF UTAH

## TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 12-29-04	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #4-27-9-15  
NW/NW (LOT #1) SECTION 27, T9S, R15E  
DUCHESENE 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' – 2585'
Green River	2585'
Wasatch	5960'
Mesaverde	10,585'
Castlegate	13,000'
Blackhawk	13,550'
Mancos	14,000'

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

Green River Formation (Oil) 2585' – 5960'  
Wasatch/Mesaverde/Castlegate/Blackhawk/Mancos Formation (Gas) 5960' - TD

4. **PROPOSED CASING PROGRAM**

Please refer to the River Bend Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the River Bend Field SOP. See Exhibit "C".

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

Please refer to the River Bend Field SOP.

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

Please refer to the River Bend Field SOP.

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

Please refer to the River Bend Field SOP.

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

Possible abnormal temperatures and/or pressures are anticipated in the lower Mesaverde and Mancos Formations. Please refer to the River Bend Field SOP for pressure control measures.

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

Please refer to the River Bend Field SOP.

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #4-27-9-15  
NW/NW (LOT #1) SECTION 27, T9S, R15E  
DUCESNE COUNTY, UTAH

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashely Federal #4-27-9-15 located in the NW 1/4 NW 1/4 Section 27, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 13.1 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 0.6 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road 670'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the River Bend Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the River Bend Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the River Bend Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the River Bend Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the River Bend Field SOP.

**9. WELL SITE LAYOUT**

See attached Location Layout Diagram.

**10. PLANS FOR RESTORATION OF SURFACE**

Please refer to the River Bend Field SOP.

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

**12. OTHER ADDITIONAL INFORMATION**

The Paleontological Resource Survey for this area is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover page, Exhibit "D". The Archaeological Resource Survey will be forthcoming.

For the Ashley Federal #4-27-9-15 Newfield Production Company requests 670' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 670' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 3" gas gathering line, a 2" poly fuel gas line, and a 3" steel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the River Bend Field SOP.

**Water Disposal**

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

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

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

**Deer and Elk Winter Range:** Due to this proposed well access roads proximity (less than 0.5 mile) to an existing deer and elk winter range, no new construction or surface disturbing activities will be allowed between December 1 and April 30.

**Reserve Pit Liner**

Please refer to the River Bend Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the River Bend Field SOP.

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

Indian Ricegrass

*Oryzopsis hymenoides*

4 lbs/acre

Needle and Threadgrass	<i>Stipa comata</i>	4 lbs/acre
Winter Fat	<i>Ceratoides lanata</i>	3 lbs/acre
Black Sage	<i>Artemisia nova</i>	1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #4-27-9-15 was on-sited on 12/23/04. The following were present; Brad Mecham (Newfield Production) and Byron Tolman (Bureau of Land Management). The ground was covered 100% by snow.

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

Representative

Name: Brad Mecham

Address: Route #3 Box 3630  
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-27-9-15 NW/NW Section 27, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

2/28/05

Date

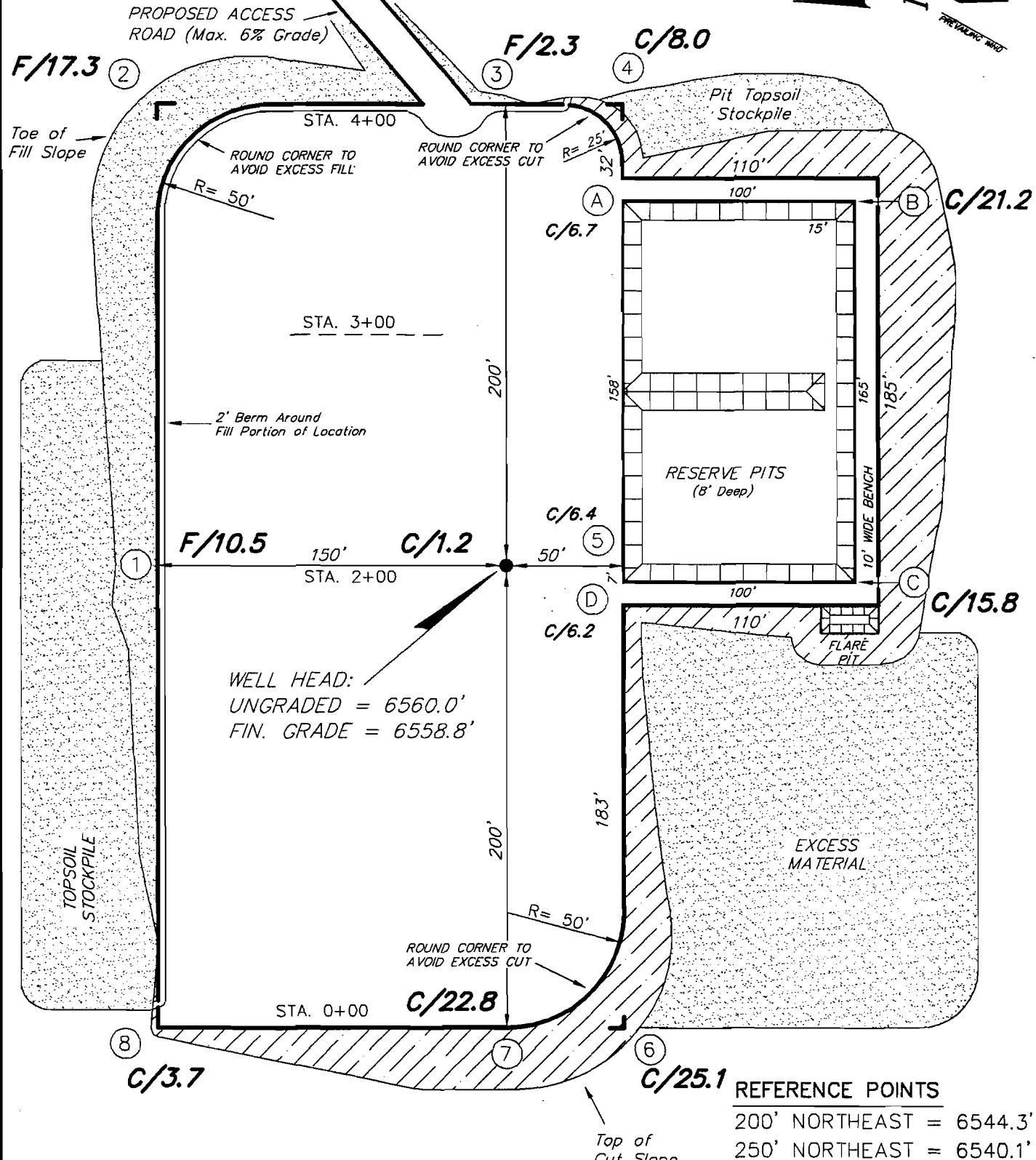
  
Mandie Crozier

Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 4-27

SECTION 27, T9S, R15E, S.L.B.&M.



SURVEYED BY: D.P.

SCALE: 1" = 60'

DRAWN BY: F.T.M.

DATE: 12-29-04

Tri State  
Land Surveying, Inc.

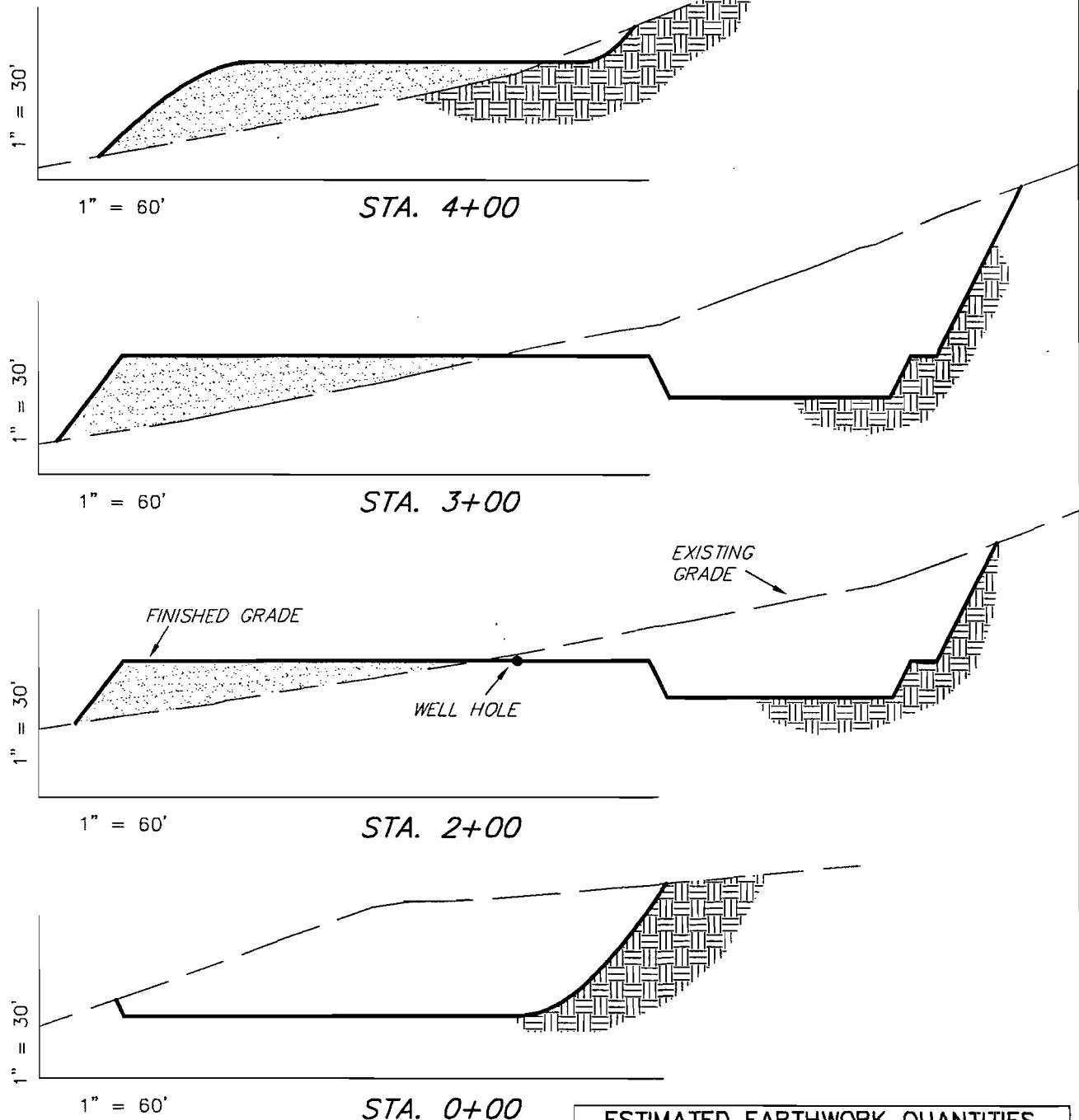
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY**

**CROSS SECTIONS**

**ASHLEY UNIT 4-27**



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	26,260	12,570	Topsoil is not included in Pad Cut	13,690
PIT	4,090	0		4,090
TOTALS	30,350	12,570	2310	17,780

SURVEYED BY: D.P.

SCALE: 1" = 60'

DRAWN BY: F.T.M.

DATE: 12-29-04

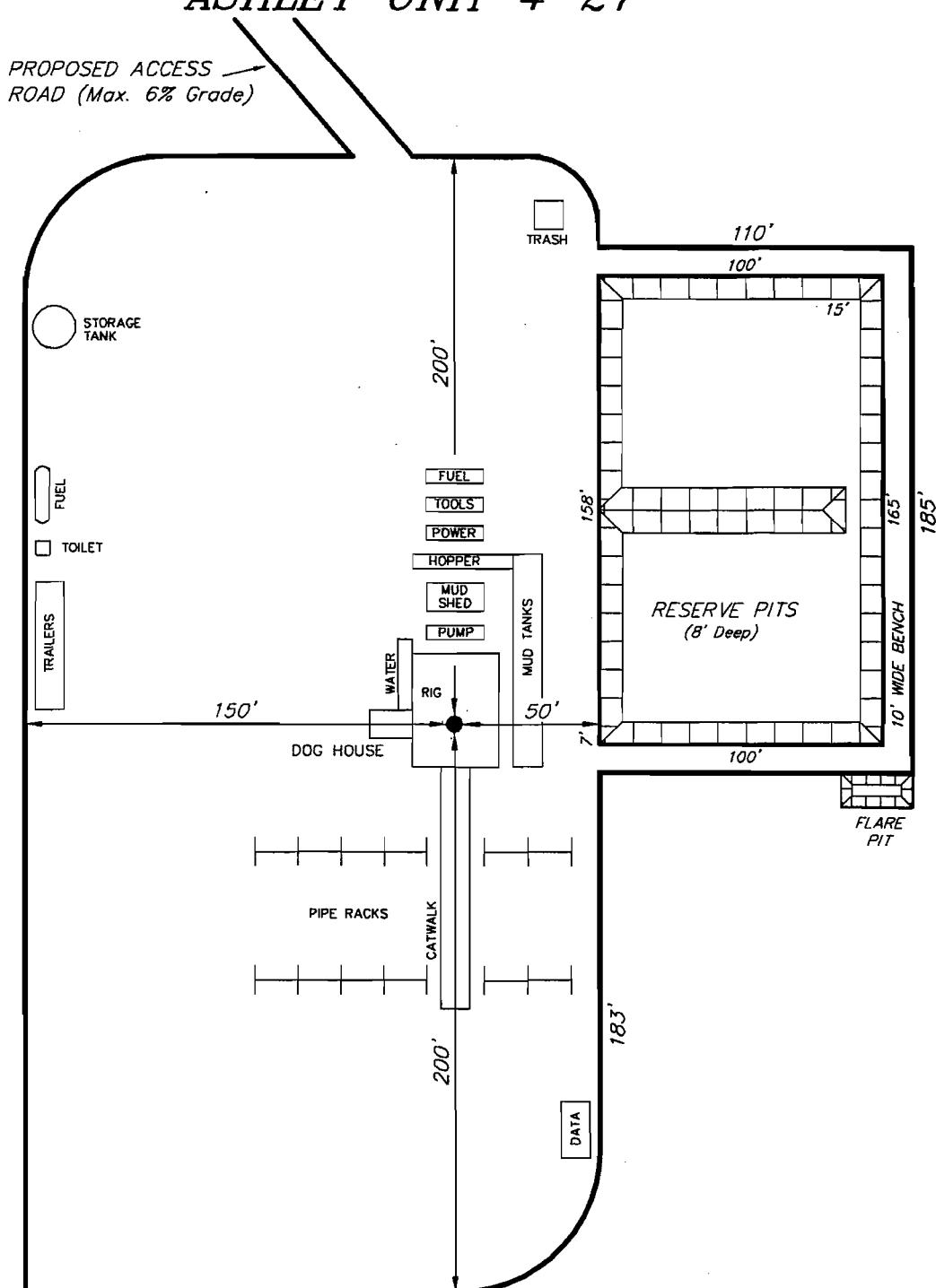
(435) 781-2501

**Tri State Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 4-27



SURVEYED BY: D.P.

SCALE: 1" = 60'

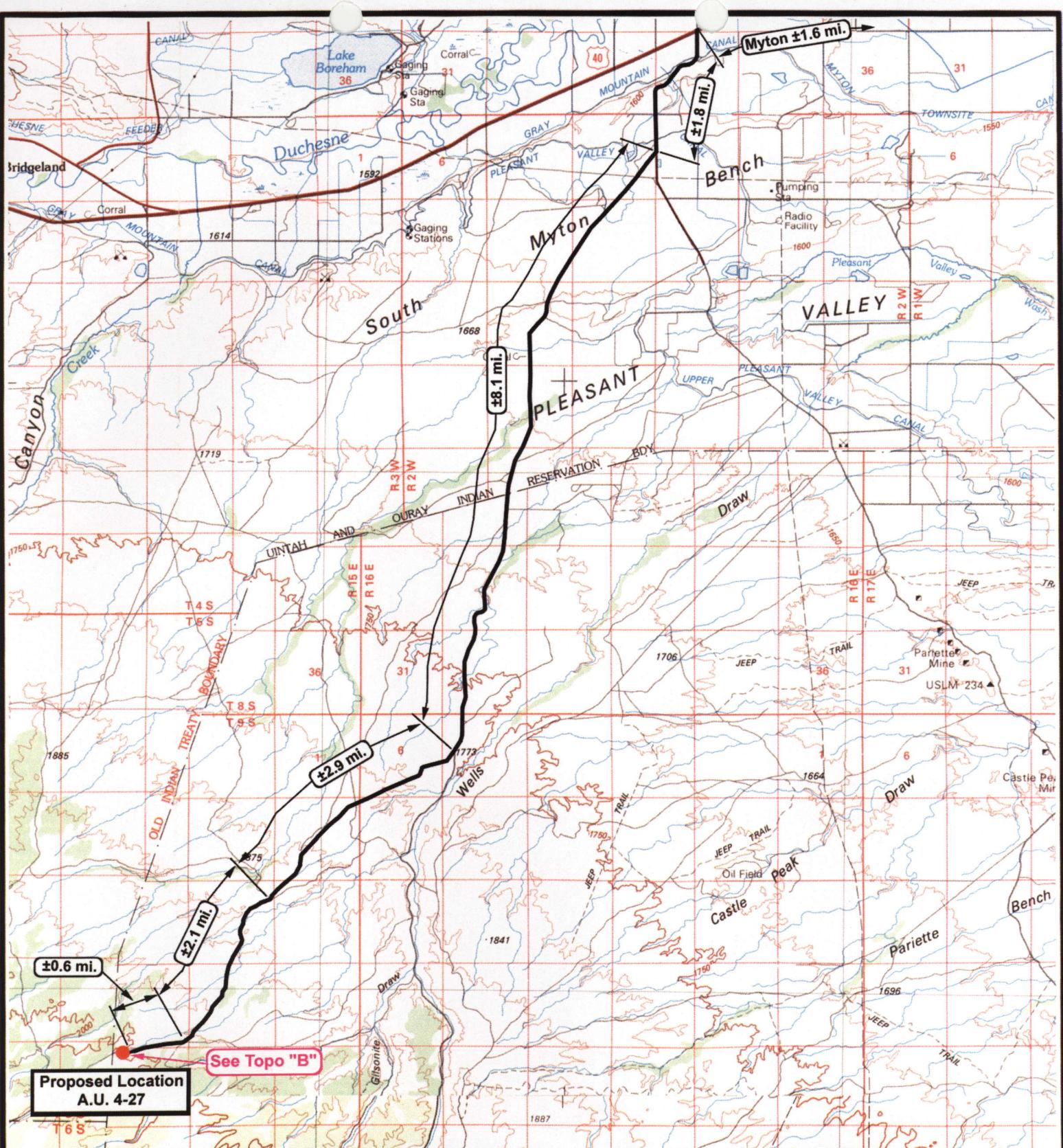
DRAWN BY: F.T.M.

DATE: 12-29-04

Tri State  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**NEWFIELD**  
Exploration Company

**Ashley Unit 4-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**

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



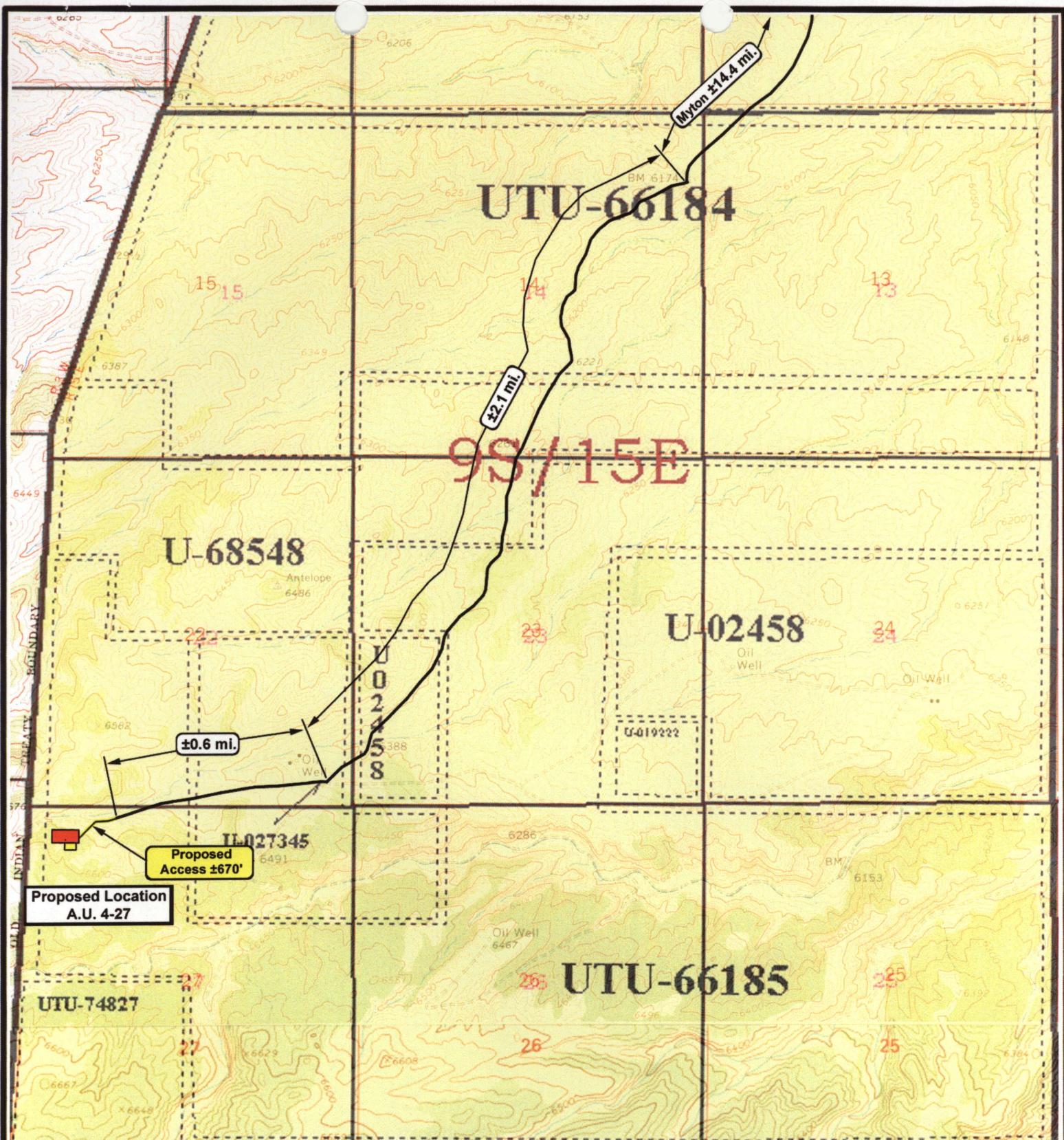
SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 12-29-2004

TOPOGRAPHIC MAP

**"A"**

**Legend**

- Existing Road (Black line)
- Proposed Access (Red line)



**NEWFIELD**  
Exploration Company

**Ashley Unit 4-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**

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



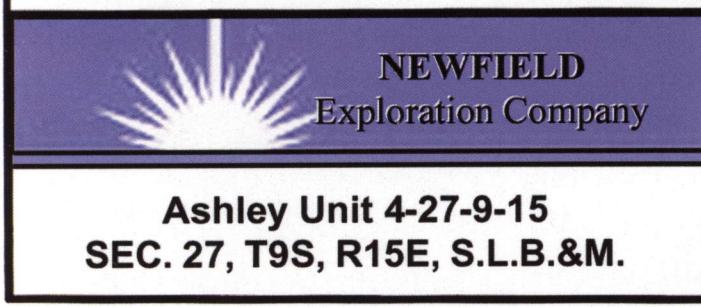
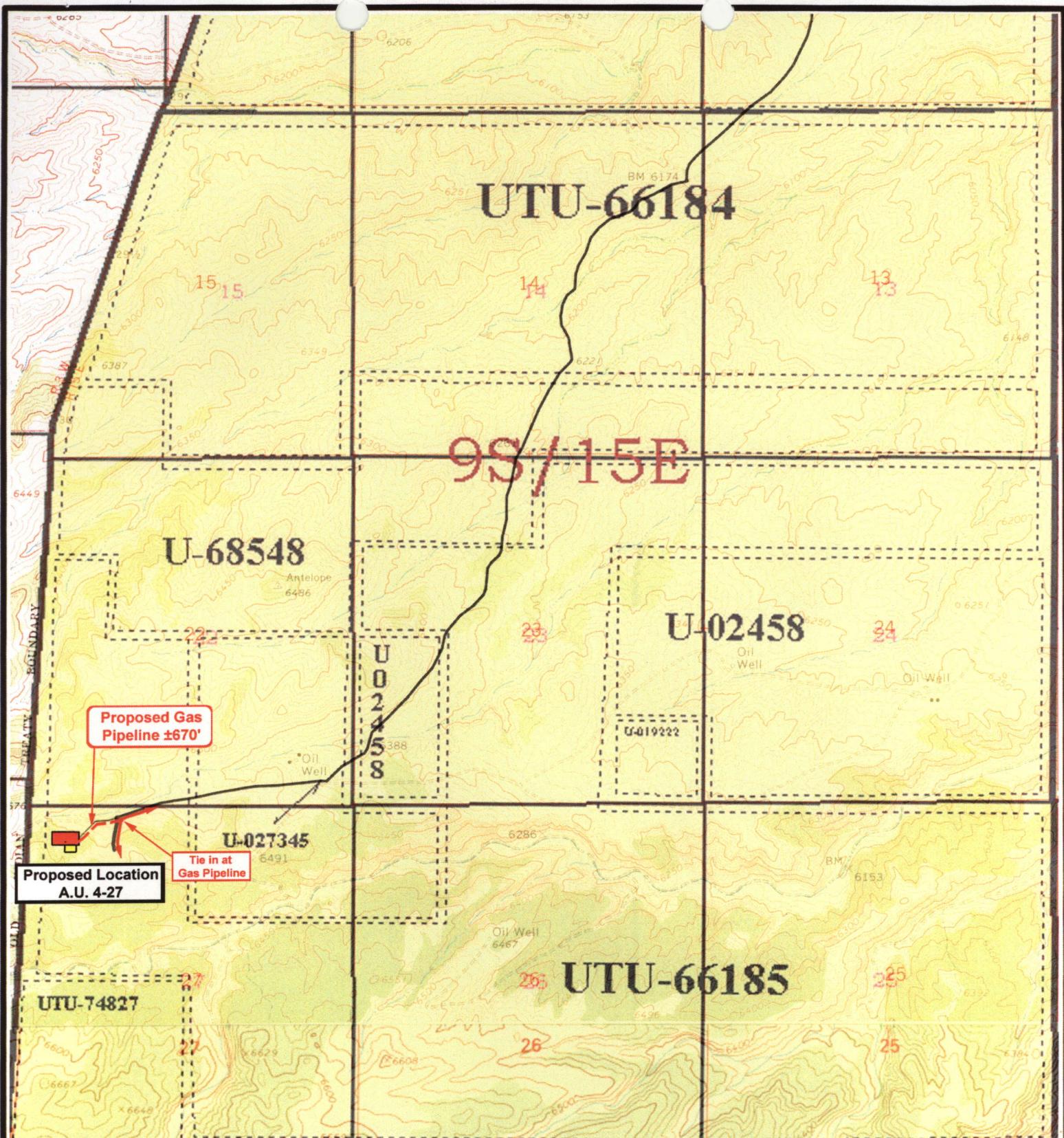
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 12-29-2004

**Legend**

- Existing Road
- Proposed Access

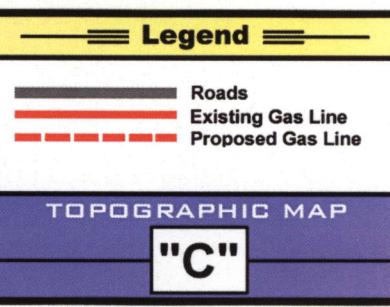
TOPOGRAPHIC MAP

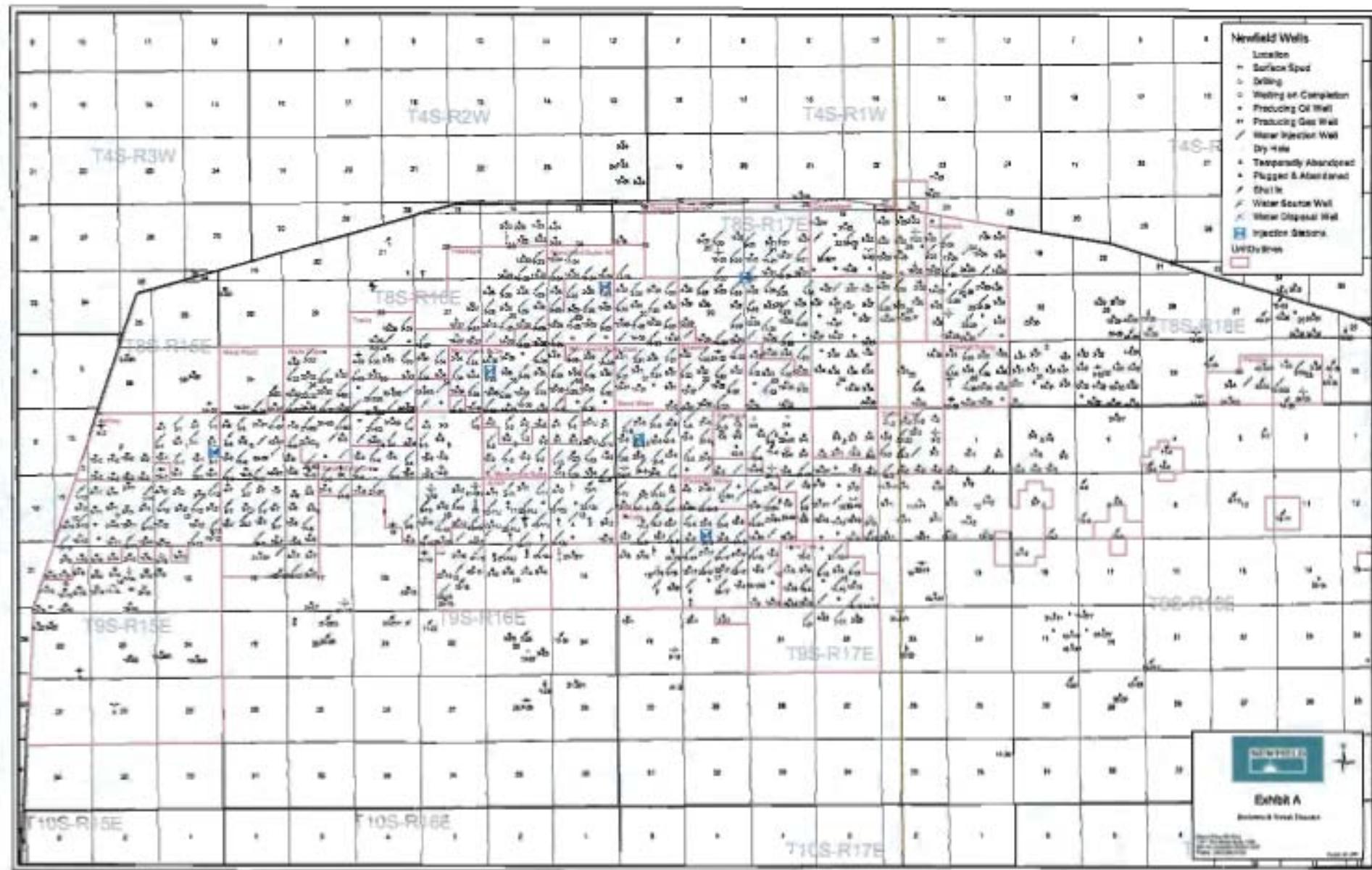
**"B"**

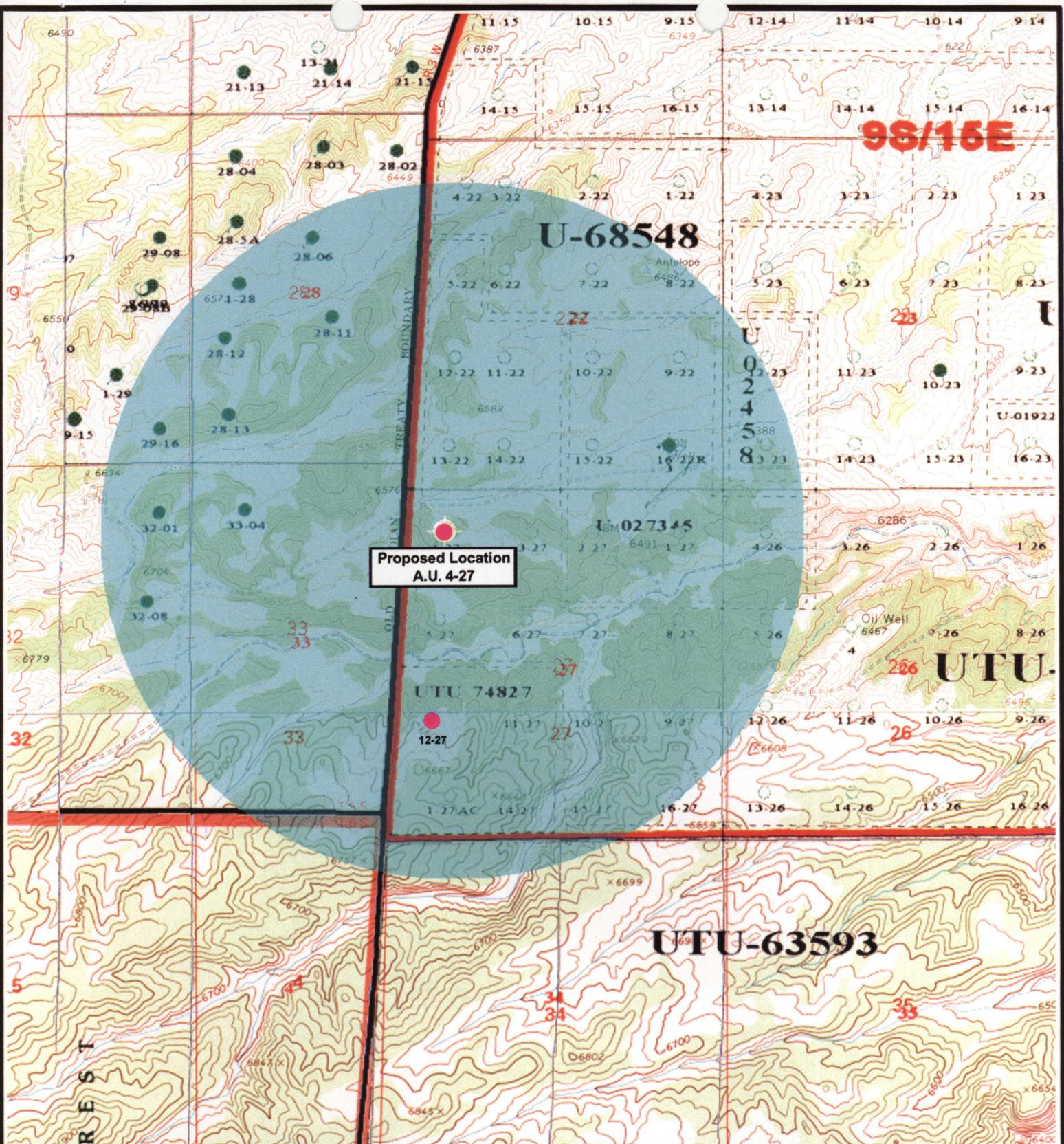


**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 12-29-2004







**NEWFIELD**  
Exploration Company

**Ashley Unit 4-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**

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

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 12-29-2004

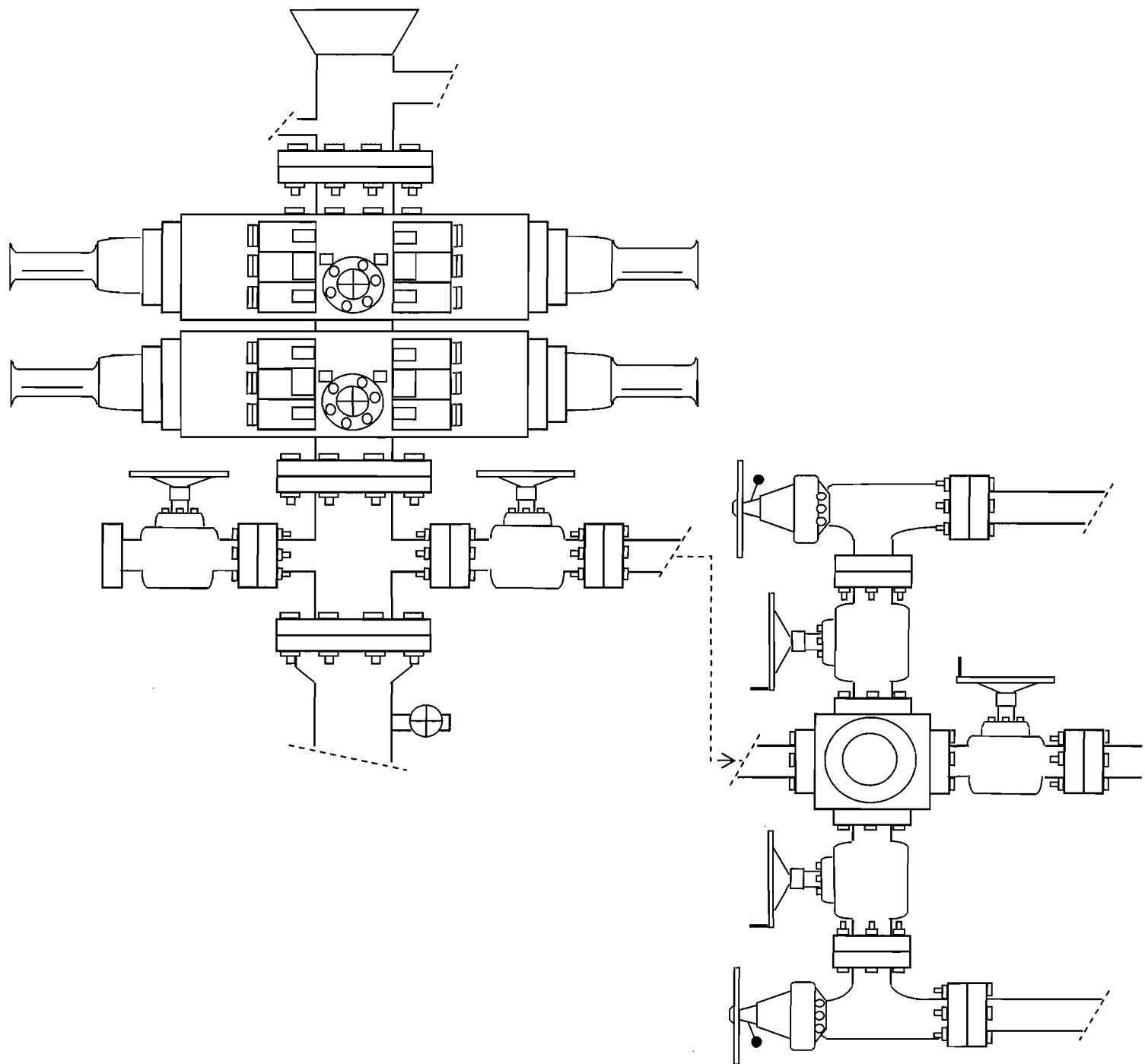
**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

## **2-M SYSTEM**

Blowout Prevention Equipment Systems



## **EXHIBIT C**

**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCESNE & UNTA COUNTIES, UTAH**

Section 13, T 9 S, R 16 E [excluding NW 1/4];  
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];  
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

**REPORT OF SURVEY**

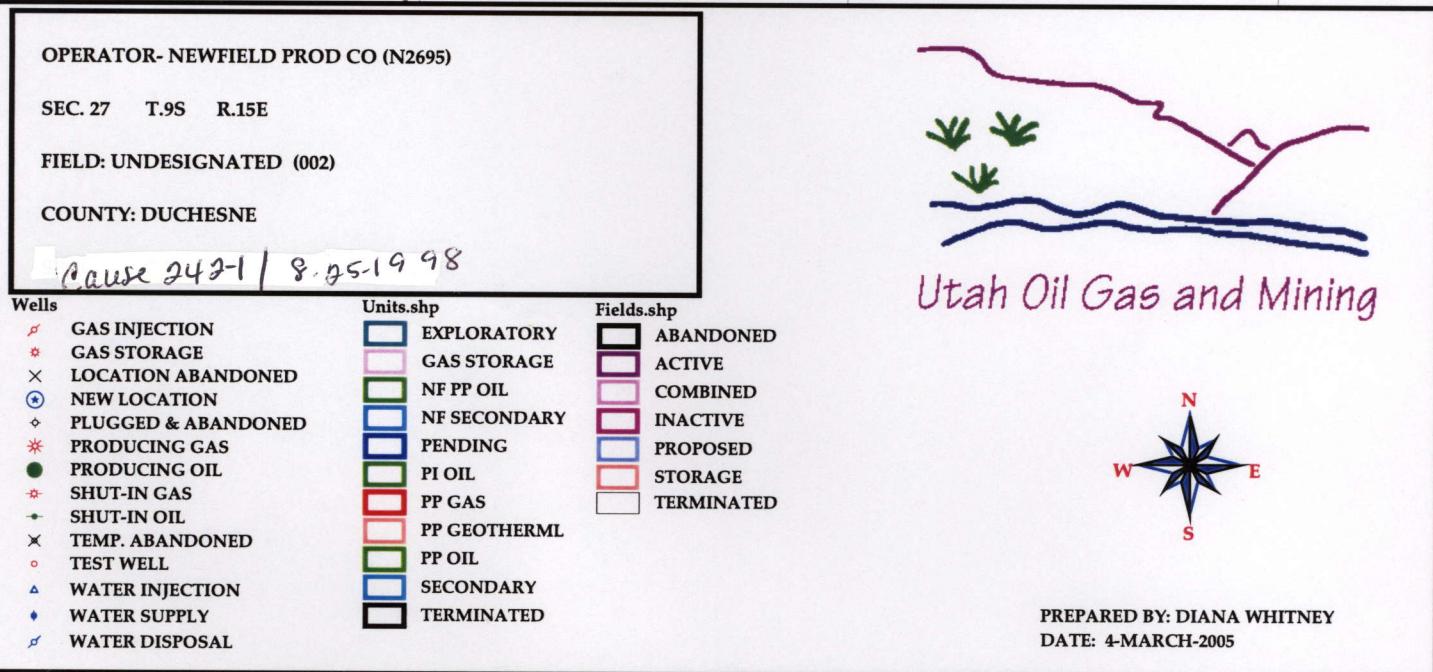
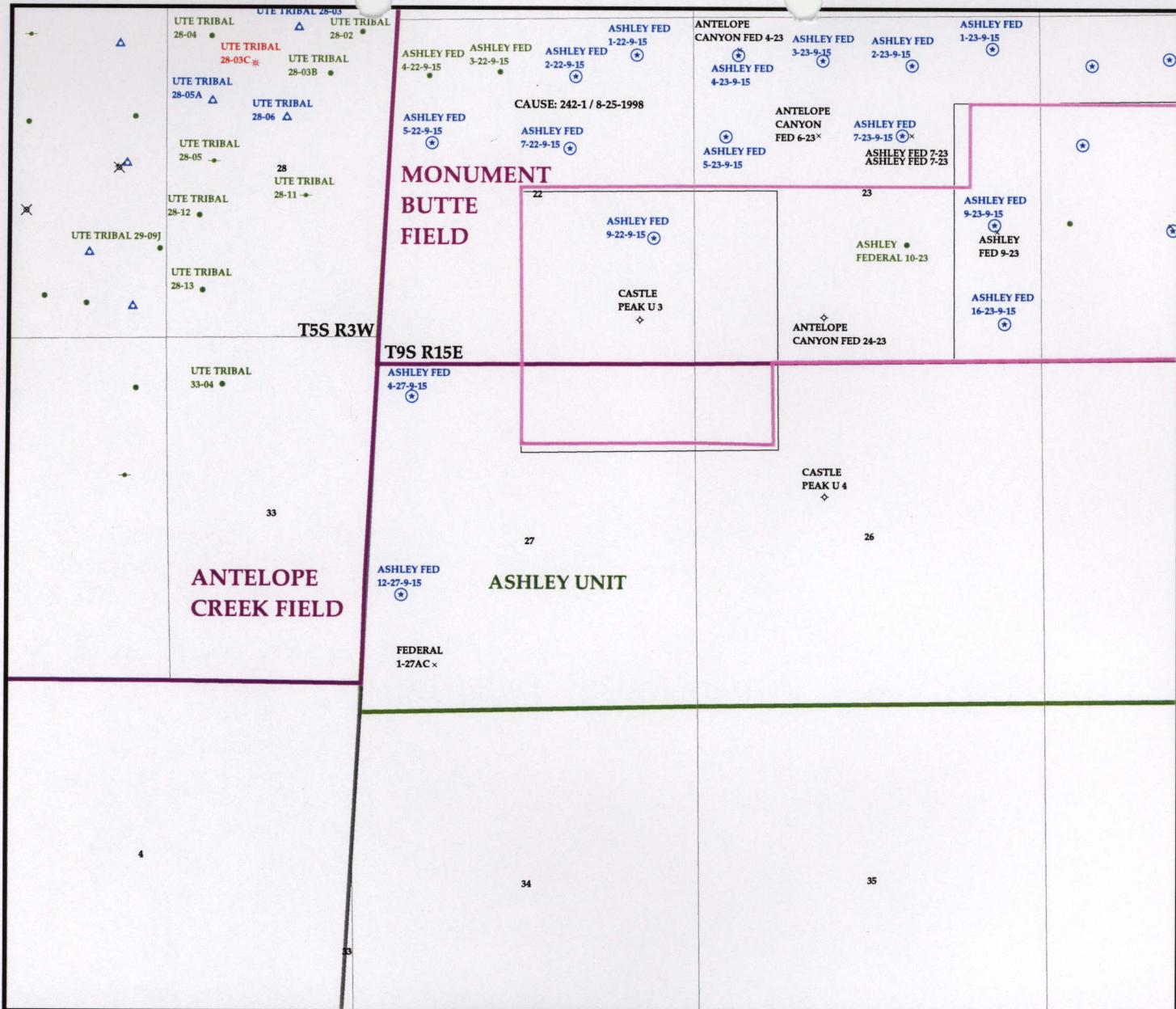
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004





# 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)

March 7, 2005

Memorandum

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

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

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Mancos)

43-013-32770 Ashley Federal 4-27-9-15 Sec 27 T09S R15E 0492 FNL 0529 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:3-7-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 8, 2005

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

Re: Ashley Federal 4-27-9-15 Well, 492' FNL, 529' FWL, NW NW, Sec. 27,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32770.

Sincerely,

  
John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company

**Well Name & Number** Ashley Federal 4-27-9-15

**API Number:** 43-013-32770

**Lease:** UTU-66185

**Location:** NW NW

**Sec.** 27

**T.** 9 South

**R.** 15 East

### **Conditions of Approval**

#### **1. General**

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

#### **2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

#### **3. Reporting Requirements**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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 TRIPPLICATE**

1. Type of Well

Oil Well

Gas Well

Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

492 FNL 529 FWL NW/NW Section 27, T9S R15E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

**UTU-66185**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 4-27-9-15**

9. API Well No.

**43-013-32770**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCESNE COUNTY, UT.**

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other **Permit Extension**

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.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/8/05 (expiration 3/8/06).

This APD has not been approved yet by the BLM.

**Approved by the**  
Utah Division of  
Oil, Gas and Mining  
Date: 03-06-06  
By: *Mandie Crozier*

COPY SENT TO OPERATOR  
Date: 03-16-06  
Initials: *CD*

**RECEIVED**  
MAR 03 2006

**DIV OF OIL, GAS & MINING**

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

Signed

*Mandie Crozier*

Mandie Crozier

Title: Regulatory Specialist

Date

2/28/2006

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED  
Application for Permit to Drill  
Request for Permit Extension

**Validation**

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

**API:** 43-013-32770  
**Well Name:** Ashley Federal 4-27-9-15  
**Location:** NW/NW Section 27, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 3/8/2005

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

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

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

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

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

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

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

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

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

  
Signature

3/1/2006

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED  
MAR 03 2006

DIV. OF OIL, GAS & MINING

RECEIVED

MAR 02 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	5. Lease Serial No. UTU-66185
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company	7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052	8. Lease Name and Well No. Ashley Federal 4-27-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NW (Lot#1) 492' FNL 529' FWL At proposed prod. zone	9. API Well No. 43-013-32770
14. Distance in miles and direction from nearest town or post office* Approximately 17.1 miles southwest of Myton, Utah	10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 529' f/line & 529' f/unit	11. Sec., T., R., M., or Blk. and Survey or Area NW/NW (Lot #1) Sec. 27, T9S R15E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 3884'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6560' GL	13. State UT
16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well Approx. 40 Acres
19. Proposed Depth 14,000'	20. BLM/BIA Bond No. on file UTU0056
22. Approximate date work will start* 3rd Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 2/28/05

Title Regulatory Specialist

Signature  Name (Printed/Typed) Boundary B. Cleary Date 05/03/2005

Title Assistant Field Manager  
Mineral Resources

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

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

RECEIVED

MAY 11 2006

DIV. OF OIL, GAS & MINING

4006M  
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

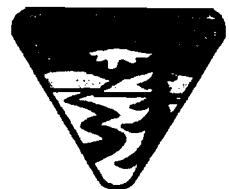
JM0480A

No 105 Postd 05/02/05



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



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

Company: Newfield Production Do.  
Well No: Ashley Federal 4-27-9-15  
API No: 43-013-32770

Location: NWNW, Sec. 27, T9S, R15E  
Lease No: UTU-66185  
Agreement: Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Roger Hall	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After Hours Contact Number:</b>	<b>435-781-4513</b>	Fax: 435-781-4410	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
2. No drilling or construction from May 1 through August 15 to protect nesting Cooper's hawks.

***DOWNHOLE CONDITIONS OF APPROVAL***

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

**SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. The calculated circulation or top of cement does not reach the surface for the production casing string, factoring in operator indicated excess percentages (when specified). Additional cement beyond the proposed levels indicated in the operators application will need to be pumped. The cement volumes pumped should include appropriate excess factors. To protect and isolate the base of useable water, the calculated top of cement needs to be above 2043 to 1000 feet, which allow for two hundred feet of separation.
2. The operator is required to submit a revised production casing program for the subject well which meets the regulatory standards for a collapse design coefficient greater than 1.125. Per your application, it is indicated that a maximum mud weight of 11.5 will be utilized. For the subject well, the requested production casing set at 14000 ft, configuration of 5 1/2" N-80 20# stc has a collapse design factor of approximately 1.0000 (mud weight 11.5 ppg) which does not meet the regulatory standard cutoff criteria for a collapse design factor of 1.125 or greater. The sundry information or a supplemental insert page to the APD application for the requested changes needs to be submitted prior to spudding of the well. For informational purposes, you indicate in your application that the anticipated max bhp is 6300psi. Given the information submitted on the subject wells TVD TD, anticipated max bhp & maximum mud weight; connotating a possibility (?) for overbalanced drilling, the engineering analysis indicates the proposed production casing program does not meet the regulatory standard for a collapse design coefficient greater than 1.025.

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**Please submit an electronic copy of all other logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM.**

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.  
  
All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location ( $\frac{1}{4}\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.

13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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

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 deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

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

5. Lease Designation and Serial No.

**UTU-66185**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 4-27-9-15**

9. API Well No.

**43-013-32770**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCESNE COUNTY, UT.****SUBMIT IN TRIPPLICATE**

1. Type of Well

 Oil Well Gas Well Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**492 FNL 529 FWL****NW/NW Section 27, T9S R15E**12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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 <b>Permit Extension</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/8/05 (expiration 3/8/07).

This APD is not yet due to expire with the BLM.

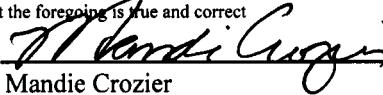
Approved by the  
Utah Division of  
Oil, Gas and Mining

*3-7-07  
Rm*Date: 03-07-07By: **RECEIVED****MAR 06 2007**

DIV. OF OIL, GAS &amp; MINING

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

Signed



Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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

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

**API:** 43-013-32770

**Well Name:** Ashley Federal 4-27-9-15

**Location:** NW/NW Section 27, T9S R15E

**Company Permit Issued to:** Newfield Production Company

**Date Original Permit Issued:** 3/8/2005

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

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

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

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

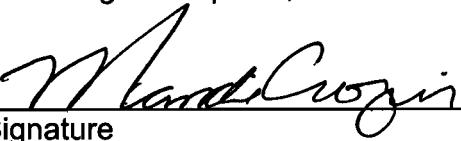
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

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

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

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

  
\_\_\_\_\_  
Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

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

5. Lease Designation and Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name  
NA7. If Unit or CA, Agreement Designation  
ASHLEY (GR RVR)8. Well Name and No.  
ASHLEY FEDERAL 4-27-9-159. API Well No.  
43-013-3277010. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State

DUCESNE COUNTY, UT.

## SUBMIT IN TRIPPLICATE

1. Type of Well

Oil Well    Gas Well    Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

492 FNL 529 FWL NW/NW Section 27, T9S R15E

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
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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.)

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Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 5/3/06 (expiration 5/3/07).

RECEIVED

MAY 14 2007

DIV. OF OIL, GAS &amp; MINING

## CONDITIONS OF APPROVAL ATTACHED

RECEIVED  
VERNAL FIELD OFFICE  
DEPT. OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
2007 MAY - 1 PM 2: 22

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

Signed

*Mandie Crozier*

Mandie Crozier

Title

Regulatory Specialist

Date

4/30/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

*Mark Baker*

Title

Petroleum Engineer

Date

MAY 03 2007

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.

UDOGM

# **CONDITIONS OF APPROVAL**

## **Newfield Production Co.**

### **Notice of Intent APD Extension**

**Lease:** UTU-66185  
**Well:** Ashley Fed 4-27-9-15  
**Location:** NWNW Sec27-T9S-R15E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 05/03/08
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

## **DIVISION OF OIL, GAS AND MINING**

### ***SPUDDING INFORMATION***

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **ASHLEY FED 4-27-9-15**

Api No: **43-013-32770** Lease Type: **FEDERAL**

Section **27** Township **09S** Range **15E** County **DUCESNE**

Drilling Contractor **ROSS DRLG** RIG # **24**

### ***SPUDDED:***

Date **08/25/07**

Time **11:00 AM**

How **DRY**

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

Reported by **JOHNNY DAVIS, TROY ZUFEIT**

Telephone # **(435) 823-3610**

Date **08/29/07** Signed **CHD**

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

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

OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	4301333290	LONE TREE FED 5-21-9-17	SWNW	21	9S	17E	DUCHESNE	8/22/2007	8/28/07
WELL 1 COMMENTS: <i>GR&amp;V</i> <i>Unit</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	4301333289	LONE TREE FED 6-21-9-17	SENW	21	9S	17E	DUCHESNE	8/23/2007	8/28/07
<i>GR&amp;V</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	16325	4301332770	ASHLEY 4-27-9-15	NWNW	27	9S	15E	DUCHESNE	8/25/2007	8/28/07
<i>MNCS</i>											
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	16326	4301333189	FEDERAL 2-19-9-17	NWNE	19	9S	17E	DUCHESNE	8/26/2007	8/28/07
<i>GR&amp;V</i>											
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	16327	4301333394	FEDERAL 16-22-9-16	NESE	22	9S	16E	DUCHESNE	8/27/2007	8/28/07
WELL 5 COMMENTS: <i>GR&amp;V</i>											
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	16328	4301333174	FEDERAL 5-19-9-16	SWNW	19	9S	16E	DUCHESNE	8/29/2007	8/28/07
WELL 2 COMMENTS: <i>GR&amp;V</i>											

ACTION CODES (See instructions on back of form)

- A - New entity for new well (single well only)
- B - Well to existing entity (group or unit well)
- C - New entity adding entity to another existing entity
- D - Well from one existing entity to a new entity
- E - Far (explain in comments section)

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

*Jentri Park*  
Signature

Production Clerk

August 29, 2007

Date

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. 1004-0135  
Expires January 31, 2004

<b>SUBMIT IN TRIPPLICATE - Other Instructions on reverse side</b>					
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other					
2. Name of Operator NEWFIELD PRODUCTION COMPANY					
3a. Address Myton, UT 84052		3b. Phone (include area code) 435 646 3721			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 492 FNL 529 FWL NW NW Section 27 T9S R15E					
5. Lease Serial No. UTU-66185					
6. If Indian, Allottee or Tribe Name.					
7. If Unit or CA/Agreement, Name and/or ASHLEY PA AB					
8. Well Name and No. ASHLEY 4-27-9-15					
9. API Well No. 4301332770					
10. Field and Pool, or Exploratory Area MONUMENT BUTTE					
11. County or Parish, State DUCESNE, UT					

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

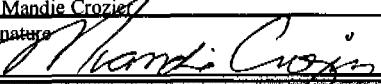
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier Signature 	Title Regulatory Specialist
Date 09/27/2007	

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

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

(Instructions on reverse)

OCT 01 2007

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

5 1/2"

CASING SET AT

6010.27

Fit clir @ 5899.5

LAST CASING 8 5/8" SET AT 322'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6000' Loggers \_\_\_\_\_  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL AF 4-27-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	COND'T	LENGTH
		Landing Jt					14
		Short jt 6.18' 4006'					
156	<b>5 1/2"</b>	ETC LT & C casing	15.5#	J-55	8rd	A	5978.52
		Float collar					0.6
1	<b>5 1/2"</b>	ETC LT&C csg	15.5#	J-55	8rd	A	18.5
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6012.27
TOTAL LENGTH OF STRING		6012.27	157	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		231.08	6	CASING SET DEPTH			<b>6010.27</b>
TOTAL		<b>6228.10</b>	163	}			COMPARE
TOTAL CSG. DEL. (W/O THRDS)		6228.1	163	GOOD CIRC THRU JOB			
TIMING		1ST STAGE	2nd STAGE	Bbls CMT CIRC TO SURFACE			
BEGIN RUN CSG.				RECIPROCATED PIPE FOR			THRUSTROKE NA
CSG. IN HOLE				DID BACK PRES. VALVE HOLD ?			
BEGIN CIRC				BUMPED PLUG TO			PSI
BEGIN PUMP CMT							
BEGIN DSPL. CMT							
PLUG DOWN							

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3% KCL, 5#s/sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum DATE \_\_\_\_\_

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

5. Lease Serial No.  
Ashley Federal 4-27-9-15  
6. If Indian, Allottee or Tribe Name.

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
492 FNL 529 FWL

NWNW Section 27 T9S R15E

7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA AB  
8. Well Name and No.  
ASHLEY 4-27-9-15  
9. API Well No.  
4301332770  
10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE  
11. County or Parish, State  
DUCHESNE, UT

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

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

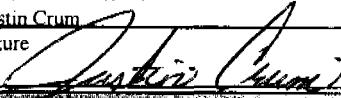
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

On 9/4/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6000'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 157 jt's of 5.5 J-55, 15.5# csgn. Set @ 6010' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 3:00 PM on 9/8/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature



Title  
Drilling Foreman

Date  
09/30/2007

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

Approved by

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

Title

Date

Office

Date

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(Instructions on reverse)

**RECEIVED**

**OCT 02 2007**

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

8 5/8" CASING SET AT 322.81

LAST CASING 8 5/8" set @ 322.81  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING  
 DATUM TO BRADENHEAD FLANGE  
 TD DRILLER 320' LOGGER  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Federal 4-27-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross rig # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	COND'T	LENGTH
		Shoe 43.98					
		WHi - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.91
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			312.81
TOTAL LENGTH OF STRING		312.81	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			322.81
TOTAL		310.96	7	}			COMPARE
TOTAL CSG. DEL. (W/O THRDS)		310.96	7	GOOD CIRC THRU JOB			Yes
TIMING		1ST STAGE		Bbls CMT CIRC TO SURFACE			5
BEGIN RUN CSG.		Spud 8/27/2007	4:30 PM	RECIPROCATED PIPE FOR			NA
CSG. IN HOLE				BUMPED PLUG TO			319
BEGIN CIRC		8/30/2007	6:24 AM				
BEGIN PUMP CMT		8/30/2007	6:33 AM				
BEGIN DSPL. CMT		8/30/2007	6:46 AM				
PLUG DOWN		8/30/2007	6:54 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCl <sub>2</sub> + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Justin Crum DATE 8/30/2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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abandoned well. Use Form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPPLICATE - Other Instructions on reverse side**1. Type of Well  
 Oil Well  Gas Well  Other2. Name of Operator  
NEWFIELD PRODUCTION COMPANY3a. Address Route 3 Box 3630  
Myton, UT 840523b. Phone (Include area code)  
435.646.37214. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
492 FNL 529 FWL

NWNW Section 27 T9S R15E

5. Lease Serial No.

Ashley Federal 4-27-9-15

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA AB

8. Well Name and No.

ASHLEY 4-27-9-15

9. API Well No.  
430133277010. Field and Pool, or Exploratory Area  
MONUMENT BUTTE11. County or Parish, State  
DUCHESNE, UT**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

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

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On 8/25/07 MIRU NDSI NS # 1. Spud well @ 11:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312 KB. On 8/30/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg &gt; 1.17 cft/sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

09/30/2007

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

Approved by .....

Title

Date

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Office

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**RECEIVED**

(Instructions on reverse)

**OCT 02 2007**

DIV. OF OIL, GAS &amp; MINING

**Daily Activity Report****Format For Sundry****ASHLEY 4-27-9-15****7/1/2007 To 11/30/2007****9/18/2007 Day: 1****Completion**

Rigless on 9/17/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5953' & cement top @ 80'. Perforate stage #1, LODC sds @ 5420-30' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 40 shots. 147 BWTR. SWIFN.

**9/21/2007 Day: 2****Completion**

Rigless on 9/20/2007 - Stage #1 LODC sds. RU BJ Services. 0 psi on well. Frac LODC sds w/ 25,028#'s of 20/40 sand in 364 bbls of Lightning 17 fluid. Broke @ 3005 psi. Treated w/ ave pressure of 2220 psi w/ ave rate of 24.8 BPM. ISIP 2175 psi. Leave pressure on well. 511 BWTR. U Lone Wolf, IIC WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5120'. Perforate A1 sds @ 5008-16' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 32 shots. RU BJ Services. 1400 psi on well. Frac A1 sds w/ 89,899#'s of 20/40 sand in 699 bbls of Lightning 17 fluid. Broke @ 3051 psi. Treated w/ ave pressure of 2143 psi w/ ave rate of 24.7 BPM. ISIP 2385 psi. Leave pressure on well. 1210 BWTR. Stage #3 B.5 sds. RU Lone Wolf, IIC WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4920'. Perforate B.5 sds @ 4804-16' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 1725 psi on well. Frac B.5 sds w/ 55,137#'s of 20/40 sand in 490 bbls of Lightning 17 fluid. Broke @ 3955 psi. Treated w/ ave pressure of 1983 psi w/ ave rate of 24.8 BPM. ISIP 2124 psi. Leave pressure on well. 1700 BWTR. Stage #4 GB4 sds. RU Lone Wolf, IIC WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2- 6' perf guns. Set plug @ 4190'. Perforate GB4 sds @ 4064-70' & 4080-86' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 1550 psi on well. Frac B.5 sds w/ 24,052#'s of 20/40 sand in 327 bbls of Lightning 17 fluid. Broke @ 2463 psi. Treated w/ ave pressure of 2018 psi w/ ave rate of 24.8 BPM. ISIP 1787 psi. Leave pressure on well. 2027 BWTR. Stage #5 GB2 sds. RU Lone Wolf, IIC WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4040'. Perforate GB2 sds @ 3980-86' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 1340 psi on well. Frac GB2 sds w/ 16,234#'s of 20/40 sand in 257 bbls of Lightning 17 fluid. Broke @ 3899 psi. Treated w/ ave pressure of 2455 psi w/ ave rate of 24.8 BPM. ISIP 2216 psi. Open well to pit for immediate flowback. Well flowed for 6 hrs. & died. Recovered 350 bbls. SWIFN. 1934 BWTR.

**9/22/2007 Day: 3****Completion**

NC #3 on 9/21/2007 - MIRU NC #3. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag @ 3980'. RU powerswivel & pump. C/O to CBP @ 4040'. Circulate well clean. SWIFN.

**9/25/2007 Day: 4****Completion**

NC #3 on 9/24/2007 - OWU. 0 psi on tbg & csg. Tag Plg @ 4040'. No new fill. Drill

out Pig. TIH w/ tbg to fill @ 4175'. Clean out fill & drill out Pig @ 4190'. TIH w/ tbg to fill @ 4900'. Clean out fill & drill out Pig @ 4920'. TIH w/ tbg to fill @ 5045'. Clean out fill & drill out Pig @ 5120'. TIH w/ tbg to fill @ 5895'. Clean out fill to PBTD @ 5985'. CWC. TOH w/ 3- jts 2 7/8. EOT @ 5985'. RU sandline to swab. IFL @ surface. Made 17 swab runs & recovered 200 bbls water w/ no sand & trace oil. FFL @ 2700'. SDFD.

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9/26/2007 Day: 5

Completion

NC #3 on 9/25/2007 - OWU. 0 psi on tbg & csg. TIH w/ 2- jts 2 7/8. Tag fill @ 5940'. Clean out fill to PBTD @ 5985'. CWC. LD 21- jts 2 7/8. TOH w/ 173- jts 2 7/8, bit & bit sub. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 170- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. X- over to rod eq. Flush tbg w/ 60 bbls water. PU TIH w/ 2 1/2 x 1 1/2 x 0 x 14 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 91- 3/4 plain rods, 98- 3/4 guided rods, 8', 4', 2', x 3/4 pony rods, 1 1/2 x 22' polish rod. RU pumping unit. W/ tbg full stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 7:00 W/ 82" SL @ 5 SPM FINAL REPORT!!

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**Pertinent Files: Go to File List**

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

**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, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185	
2. NAME OF OPERATOR:	NEWFIELD PRODUCTION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ASHLEY PA AB	
3. ADDRESS OF OPERATOR:	Route 3 Box 3630	CITY Myton	STATE UT	ZIP 84052	7. UNIT or CA AGREEMENT NAME: ASHLEY 4-27-9-15
4. LOCATION OF WELL:	FOOTAGES AT SURFACE: 492 FNL 529 FWL			8. WELL NAME and NUMBER: ASHLEY 4-27-9-15	
				9. API NUMBER: 4301332770	
				10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE	

FOOTAGES AT SURFACE: 492 FNL 529 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 27, T9S, R15E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 10/11/2007			

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

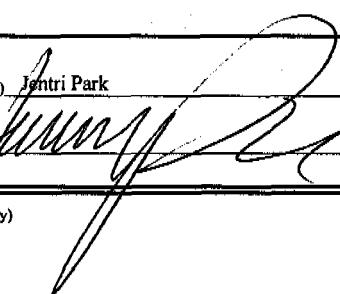
The above subject well was completed on 09/25/07, attached is a daily completion status report.

RECEIVED  
OCT 12 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT): Jenri Park

TITLE: Production Clerk

SIGNATURE: 

DATE: 10/11/2007

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-66185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Ashley Federal

8. FARM OR LEASE NAME, WELL NO.  
Ashley Federal 4-27-9-15

9. WELL NO.  
43-013-32770

10. FIELD AND POOL OR WILDCAT  
Monument Butte

11. SEC. T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Sec. 27, T9S, R15E

1a. TYPE OF WORK

OIL  
WELL

GAS  
WELL

DRY

Other \_\_\_\_\_

1b. TYPE OF WELL

NEW  
WELL

WORK  
OVER

DEEPEN

PLUG  
BACK

DIFF  
RESVR.

Other \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.\*)  
At Surface 492' FNL & 529' FWL (NW/NW) Sec. 27, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32770

DATE ISSUED

03/08/07

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

15. DATE SPUPPED  
08/25/07

16. DATE T.D. REACHED  
09/07/07

17. DATE COMPL. (Ready to prod.)  
09/25/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
6650' GL

6662' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6000'

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

5985'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

INTERVALS  
DRILLED BY  
----->

ROTARY TOOLS

CABLE TOOLS

X

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

Green River 3980'-5430"

25. WAS DIRECTIONAL  
SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED  
No

23. Casing Record (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6010'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5489'	5390'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5420'-5430'	.49"	4/40	5420'-5430'		Frac w/ 25,028# 20/40 sand in 364 bbls fluid
(A1) 5008'-5016'	.369"	4/32	5008'-5016'		Frac w/ 89,899# 20/40 sand in 699 bbls fluid
(B.5) 4804'-4816"	.369"	4/48	4804'-4816'		Frac w/ 55,137# 20/40 sand in 490 bbls fluid
(GB4) 4064'-4070', 4080'-4086'	.369"	4/48	4064'-4086'		Frac w/ 24,052# 20/40 sand in 327 bbls fluid
(GB2) 3980'-3986'	.369"	4/24	3980'-3986'		Frac w/ 16,234# 20/40 sand in 257 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)
09/25/07	2-1/2" x 1-1/2" x 10' x 14' RHAC SM Plunger Pump				PRODUCING

DATE OF TEST

10 day ave

HOURS TESTED

CHOKE SIZE

PRODN. FOR

OIL--BBLS.

GAS--MCF.

WATER--BBL.

GAS-OIL RATIO

10 day ave			---->	38	37	45	974
------------	--	--	-------	----	----	----	-----

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED

OIL-BBL.

24-HOUR RATE

---->

WATER-BBL.

OIL GRAVITY-API (CORR.)

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

Sold & Used for Fuel

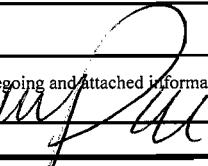
TEST WITNESSED BY

OCT 19 2007

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED 

TITLE

Production Clerk

DATE 10/18/2007

JP

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			Well Name <b>Ashley Federal 4-27-9-15</b>	Garden Gulch Mkr	3585'		
				Garden Gulch 1	3800'		
				Garden Gulch 2	3910'		
				Point 3 Mkr	4151'		
				X Mkr	4422'		
				Y Mkr	4458'		
				Douglas Creek Mkr	4560'		
				BiCarbonate Mkr	4790'		
				B Limestone Mkr	4883'		
				Castle Peak	5454'		
				Basal Carbonate	5906'		
				Total Depth (LOGGERS)	6010'		



# 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:  
3180  
UT-922

JAN 23 2008

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

Re: 3rd Revision Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

Gentlemen:

The 3rd Revision of the Green River Formation Participating Area "A,B", Ashley Unit, CRS UTU73520C, is hereby approved effective as of July 1, 2007, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 3rd Revision of the Green River Formation Participating Area "A,B", results in the addition of 67.78 acres to the participating area for a total of 7,618.27 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELL NO.	API NO.	LOCATION	LEASE NO.
16-26	43-013-32913	SE $\frac{1}{4}$ SE $\frac{1}{4}$ , 26-9S-15E	UTU66185
4-27	43-013-32770	Lot 1, 27-9S-15E	UTU66185

16325

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 3rd Revision of the Green River Formation Participating Area "A,B", Ashley Unit.

Sincerely,

*/s/ Becky J. Hammond*

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

JAN 28 2008

DIV. OF OIL, GAS & MINERALS

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
<u>C</u>	<u>16172</u>	<u>12419</u>	<u>4301332913</u>	<u>Ashley Federal 16-26-9-15</u>	<u>SESE</u>	<u>26</u>	<u>9S</u>	<u>15E</u>	<u>Duchesne</u>	<u>6/1/2007</u>	<u>2/1/08</u>

WELL 1 COMMENTS:

*per BLM eff 7/1/07*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
<u>C</u>	<u>16325</u>	<u>12419</u>	<u>4301332913</u>	<u>Ashley Federal 4-27-9-15</u>	<u>NWNW</u>	<u>27</u>	<u>9S</u>	<u>15E</u>	<u>Duchesne</u>	<u>8/25/2007</u>	<u>2/1/08</u>

*4301332770 per BLM eff 7/1/07*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

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 CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or well well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - Sher (explain in comments section)

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

RECEIVED

JAN 30 2008

DIV. OF OIL, GAS & MINING

*Tammi Lee*  
Signature

Production Clerk

01/30/08

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		
<p>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.</p>		
<b>1. TYPE OF WELL</b> Gas Well		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> 
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: 0492 FNL 0529 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 09.0S Range: 15.0E Meridian: S		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-27-9-15
		<b>9. API NUMBER:</b> 43013327700000
<b>11.</b> CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>		<b>TYPE OF ACTION</b>
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> Casing Repair <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> Change Well Name <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> Convert Well Type <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START 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"/> DRILLING REPORT <input type="checkbox"/> OTHER Report Date: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2013		<input type="checkbox"/> WILDCAT WELL DETERMINATION
<input type="checkbox"/> SPUD REPORT Date of Spud:		<input type="checkbox"/> OTHER: <input type="text"/>
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.</b> Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 11/05/20113. On 11/06/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013 the casing was pressured up to 1055 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.</p>		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>		
<b>Date:</b> November 18, 2013		
<b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>TITLE</b> Water Services Technician		
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/11/2013



**Newfield Exploration Company**  
1001 17th Street | Suite 2000  
Denver, Colorado 80202  
PH 303-893-0102 | FAX 303-893-0103

April 11, 2013

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

RE: Permit Application for Water Injection Well  
Ashley #4-27-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 27-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley #4-27-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

Eric Sundberg  
Environmental Manager

APR 12 2013

NEWFIELD EXPLORATION COMPANY

**NEWFIELD PRODUCTION COMPANY**

**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**

**ASHLEY #4-27-9-15**

**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**

**LEASE #UTU-66185**

**APRIL 11, 2013**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELBORE 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	WELBORE DIAGRAM – ASHLEY #4-27-9-15
ATTACHMENT E-1	WELBORE DIAGRAM – ASHLEY FEDERAL #2-27-9-15
ATTACHMENT E-2	WELBORE DIAGRAM – ASHLEY FEDERAL #3-27-9-15
ATTACHMENT E-3	WELBORE DIAGRAM – ASHLEY FEDERAL #5-27-9-15
ATTACHMENT E-4	WELBORE DIAGRAM – ASHLEY FEDERAL #12-22-9-15
ATTACHMENT E-5	WELBORE DIAGRAM – ASHLEY FEDERAL #11-22-9-15
ATTACHMENT E-6	WELBORE DIAGRAM – ASHLEY FEDERAL #13-22-9-15
ATTACHMENT E-7	WELBORE DIAGRAM – ASHLEY FEDERAL #14-22-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 9/18/07 – 9/26/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number:	<u>Ashley Federal #4-27-9-15</u>					Lease No.	<u>UTU-66185</u>			
Field or Unit name:	<u>Monument Butte (Green River)</u>									
Well Location:	QQ	<u>NWNW</u>	section	<u>27</u>	township	<u>9S</u>	range	<u>15E</u>	county	<u>Duchesne</u>
Is this application for expansion of an existing project? ..... Yes [ <input checked="" type="checkbox"/> ] No [ <input type="checkbox"/> ]										
Will the proposed well be used for:	Enhanced Recovery? ..... Yes [ <input checked="" type="checkbox"/> ] No [ <input type="checkbox"/> ]					Disposal? ..... Yes [ <input type="checkbox"/> ] No [ <input checked="" type="checkbox"/> ]	Storage? ..... Yes [ <input type="checkbox"/> ] No [ <input checked="" type="checkbox"/> ]			
Is this application for a new well to be drilled? ..... Yes [ <input type="checkbox"/> ] No [ <input checked="" type="checkbox"/> ]										
If this application is for an existing well, has a casing test been performed on the well? ..... Yes [ <input type="checkbox"/> ] No [ <input checked="" type="checkbox"/> ]										
Date of test: _____										
API number: <u>43-013-32770</u>										
Proposed injection interval: from <u>3898</u> to <u>5985</u>										
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1761</u> psig										
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.										
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.										
List of Attachments: _____ Attachments "A" through "H-1"										
I certify that this report is true and complete to the best of my knowledge.										
Name:	<u>Eric Sundberg</u>				Signature					
Title	<u>Environmental Manager</u>				Date	<u>4/11/13</u>				
Phone No.	<u>(303) 893-0102</u>									
(State use only)										
Application approved by _____ Title _____										
Approval Date _____										

Comments:

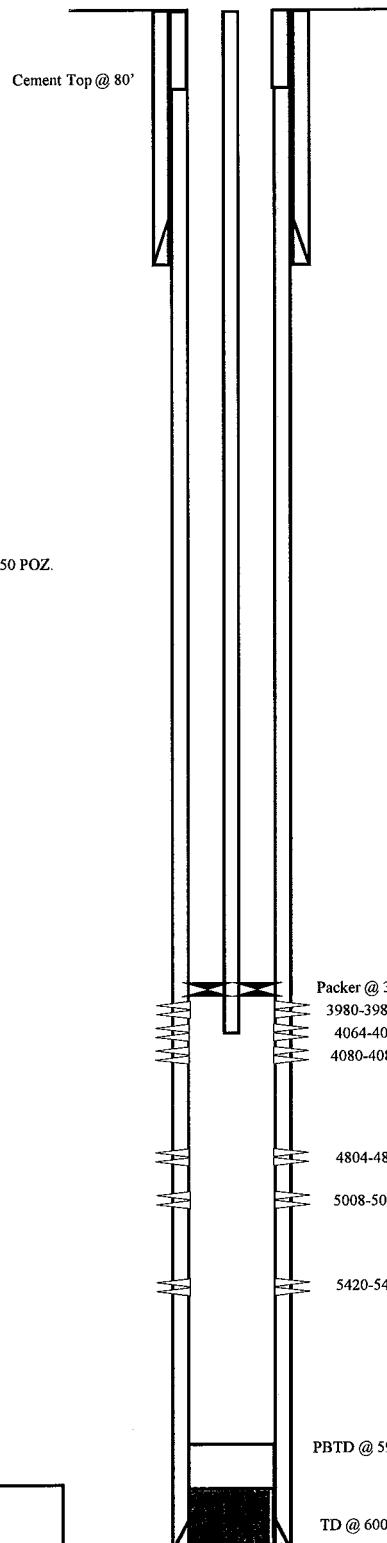
# Ashley 4-27-9-15

Spud Date: 8-25-07  
Put on Production: 9-25-07  
GL: 6560' KB: 6572'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (311.91')  
DEPTH LANDED: 322.81  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

## Proposed Injection Wellbore Diagram



Initial Production: 56.4 BOPD,  
25.0 MCFD, 34.3 BWPD

## FRAC JOB

9-17-07	5420-5430'	Frac LODCsands as follows: 25028# 20/40 sand in 364 bbls Lightning 17 fluid. Treat at 2220psi @ 24.8 BPM. ISIP 21755 psi. Calc flush: 5418 gal. Actual flush: 4880 gal.
9-20-07	5008-5016'	Frac A1 sands as follows: 89899# 20/40 sand in 699 bbls Lightning 17 fluid. Treat at 2143 psi @ 24.7 BPM. ISIP 2385psi. Calc flush: 5006 gal. Actual flush: 4498 gal.
9-20-07	4804-4816'	Frac B,5 sands as follows: Frac with 55137# 20/40 sand in 490 bbls Lightning 17 fluid. Treat at 1983 psi @ 24.8 BPM. ISIP 2124 psi. Calc flush: 4802 gal. Actual flush: 4284 gal.
9-20-07	4064-4086'	Frac GB4 sand as follows: Frac with 24052# 20/40 sand in 327 bbls Lightning 17 fluid. Treat at 2018 psi @ 24.8 BPM. ISIP 1787 psi. Calc flush: 4062 gal. Actual flush: 3557 gal.
9-20-07	3980-3986'	Frac GB2 sands as follows: Frac with 16234# 20/40 sand in 257 bbls Lightning 17 fluid. Treat at 2455 psi @ 24.8 BPM. ISIP 2216 psi. Calc flush: 3978 gal. Actual flush: 3885 gal.

8/31/09

Tubing Leak. Updated rod & tubing  
details.

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5372.1')  
TUBING ANCHOR: 5384.1'  
NO. OF JOINTS: 1 jts (31.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5417.3' KB  
NO. OF JOINTS: 2 jts (63.25')  
TOTAL STRING LENGTH: EOT @ 5481.6'

## PERFORATION RECORD

3980-3986'	4 JSPP	24 holes
4064-4070'	4 JSPP	24 holes
4080-4086'	4 JSPP	24 holes
4804-4816'	4 JSPP	48 holes
5008-5016'	4 JSPP	32 holes
5420-5430	4 JSPP	40 holes



Ashley 4-27-9-15  
492' FNL & 529' FWL  
NW NW Section 27-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32770; Lease #66185

## **WORK PROCEDURE FOR INJECTION CONVERSION**

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

**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 #4-27-9-15 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 #4-27-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3898' - 5985'). 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 3549' and the TD is at 6000'.

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

The referenced log for the Ashley #4-27-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 6010' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1761 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 #4-27-9-15, for existing perforations (3980' - 5430') calculates at 0.87 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 1761 psig. We may add additional perforations between 3549' and 6000'. 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 #4-27-9-15, the proposed injection zone (3898' - 5985') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-7.

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.

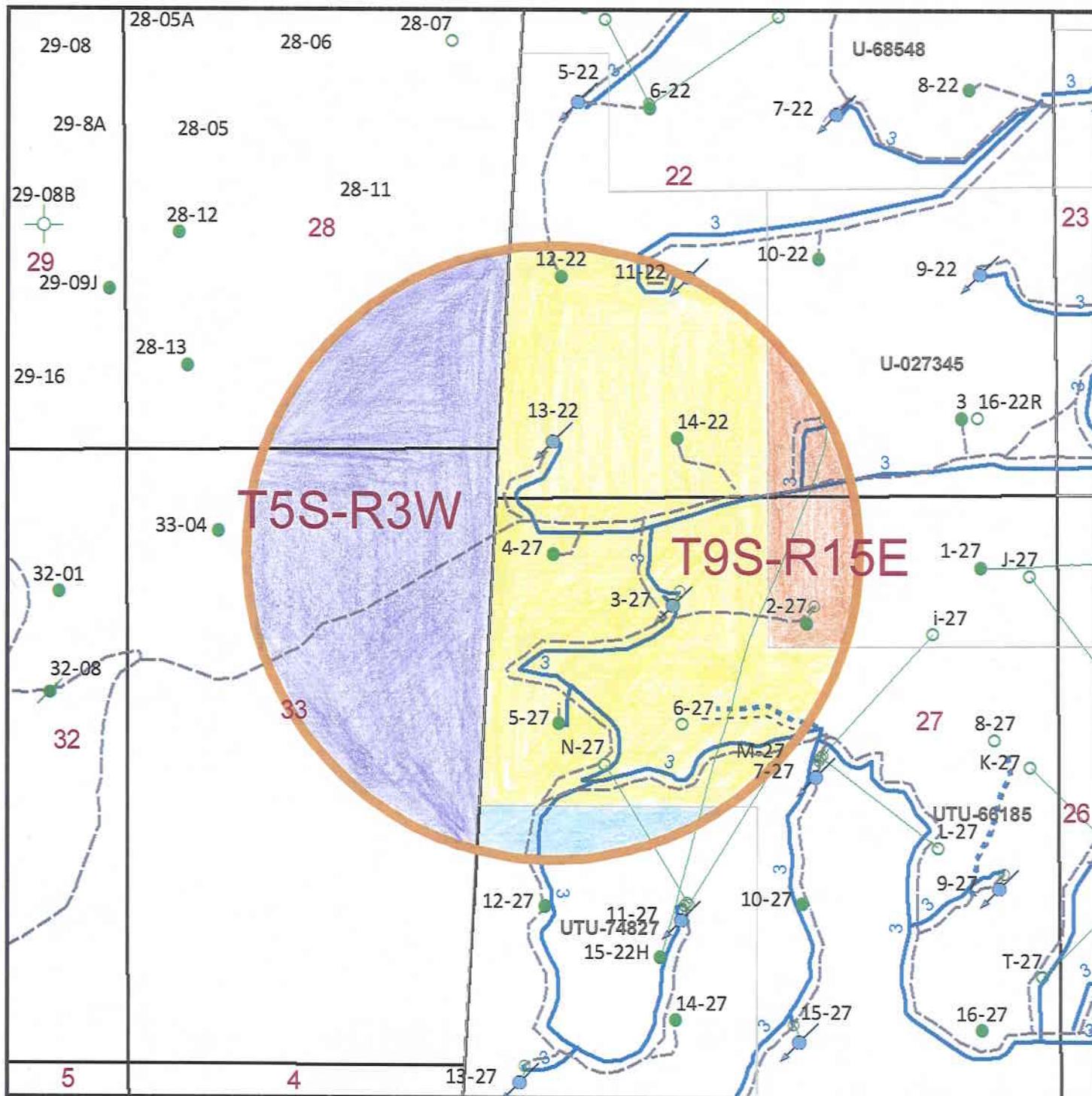
**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

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.

## ATTACHMENT A



Ashley Federal 4-27  
Section 27, T9S-R15E



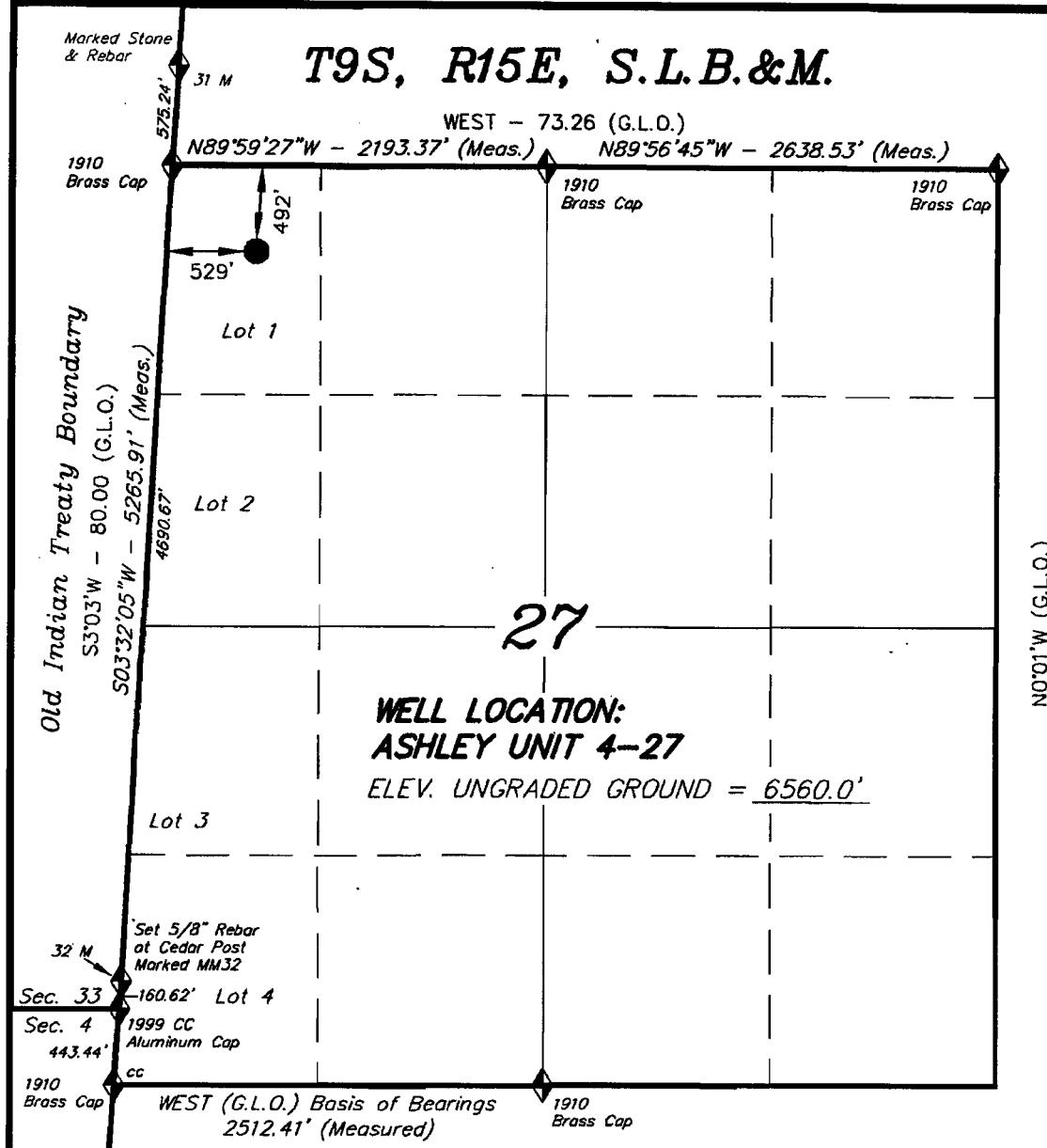
## 1/2 Mile Radius Map

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

March 27, 2013

## ATTACHMENT A-1

## *NEWFIELD PRODUCTION COMPANY*



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

WELL LOCATION, ASHLEY UNIT 4-27,  
LOCATED AS SHOWN IN LOT 1 OF  
SECTION 27, T9S, R15E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.

—  
N

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

~~Stacy W. Steward~~ STACY W.  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 10027  
STATE OF UTAH  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 12-29-04	DRAWN BY: F.T.M.
NOTES:	FILE #

**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: SE Section 26: NWNW Section 27: N2NE	USA UTU-027345 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 27: E2SW, LOTS 3, 4	USA UTU-74827 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T5S-R3W SLM Section 28: ALL Section 33: ALL	Ute Indian Tribe HBP	Petroglyph Operating Co., Inc	Ute Indian Tribe

**ATTACHMENT C**  
**CERTIFICATION FOR SURFACE OWNER NOTIFICATION**

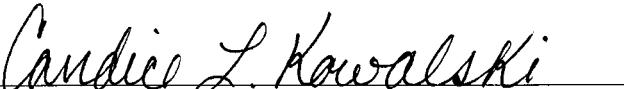
RE: Application for Approval of Class II Injection Well  
Ashley #4-27-9-15

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

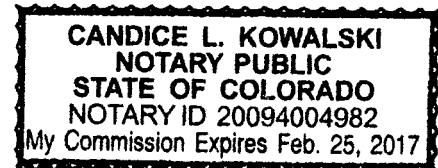
Signed:   
Newfield Production Company  
Eric Sundberg  
Environmental Manager

Sworn to and subscribed before me this 11<sup>th</sup> day of April, 2013.

Notary Public in and for the State of Colorado:



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



# ATTACHMENT E

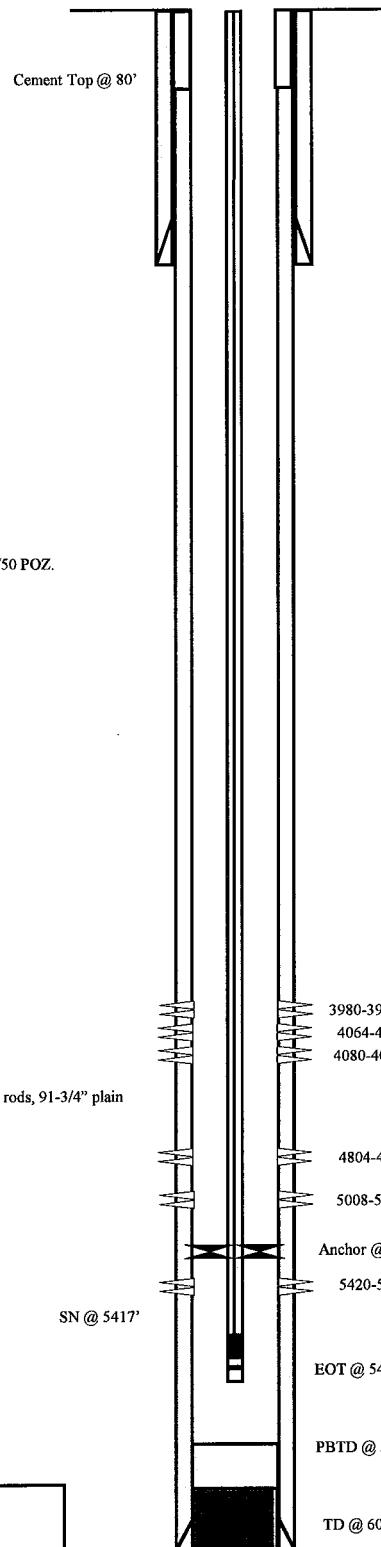
## Ashley 4-27-9-15

Spud Date: 8-25-07  
Put on Production: 9-25-07  
GL: 6560' KB: 6572'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (311.91')  
DEPTH LANDED: 322.81  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt



#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 157 jts (5997.02')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6010.27'  
CEMENT DATA: 300 sk Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP AT: 80'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5372.1')  
TUBING ANCHOR: 5384.1'  
NO. OF JOINTS: 1 jts (31.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5417.3' KB  
NO. OF JOINTS: 2 jts (63.25')  
TOTAL STRING LENGTH: EOT @ 5481.6'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2', 4', 8', x3/4" pony rods, 98-3/4" guided rods, 91-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" wt bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 10'X 14' RHAC  
STROKE LENGTH: 82"  
PUMP SPEED, SPM: 4

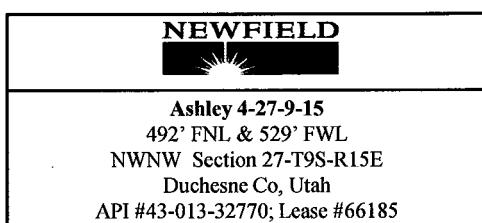
Initial Production: 56.4 BOPD,  
25.0 MCFD, 34.3 BWPD

#### FRAC JOB

9-17-07	5420-5430'	Frac LODCsands as follows: 25028# 20/40 sand in 364 bbls Lightning 17 fluid. Treat at 2220psi @ 24.8 BPM. ISIP 21755 psi. Calc flush: 5418 gal. Actual flush: 4880 gal.
9-20-07	5008-5016'	Frac A1 sands as follows: 89899# 20/40 sand in 699 bbls Lightning 17 fluid. Treat at 2143 psi @ 24.7 BPM. ISIP 2385psi. Calc flush: 5006 gal. Actual flush: 4498 gal.
9-20-07	4804-4816'	Frac B.5 sands as follows: Frac with 55137# 20/40 sand in 490 bbls Lightning 17 fluid. Treat at 1983 psi @ 24.8 BPM. ISIP 2124 psi. Calc flush: 4802 gal. Actual flush: 4284 gal.
9-20-07	4064-4086'	Frac GB4 sand as follows: Frac with 24052# 20/40 sand in 327 bbls Lightning 17 fluid. Treat at 2018 psi @ 24.8 BPM. ISIP 1787 psi. Calc flush: 4062 gal. Actual flush: 3557 gal.
9-20-07	3980-3986'	Frac GB2 sands as follows: Frac with 16234# 20/40 sand in 257 bbls Lightning 17 fluid. Treat at 2455 psi @ 24.8 BPM. ISIP 2216 psi. Calc flush: 3978 gal. Actual flush: 3885 gal.
8/31/09		Tubing Leak. Updated rod & tubing details.

#### PERFORATION RECORD

3980-3986'	4 JSPP	24 holes
4064-4070'	4 JSPP	24 holes
4080-4086'	4 JSPP	24 holes
4804-4816'	4 JSPP	48 holes
5008-5016'	4 JSPP	32 holes
54200-5430	4 JSPP	40 holes



# ATTACHMENT E-1

## Ashley Federal 2-27-9-15

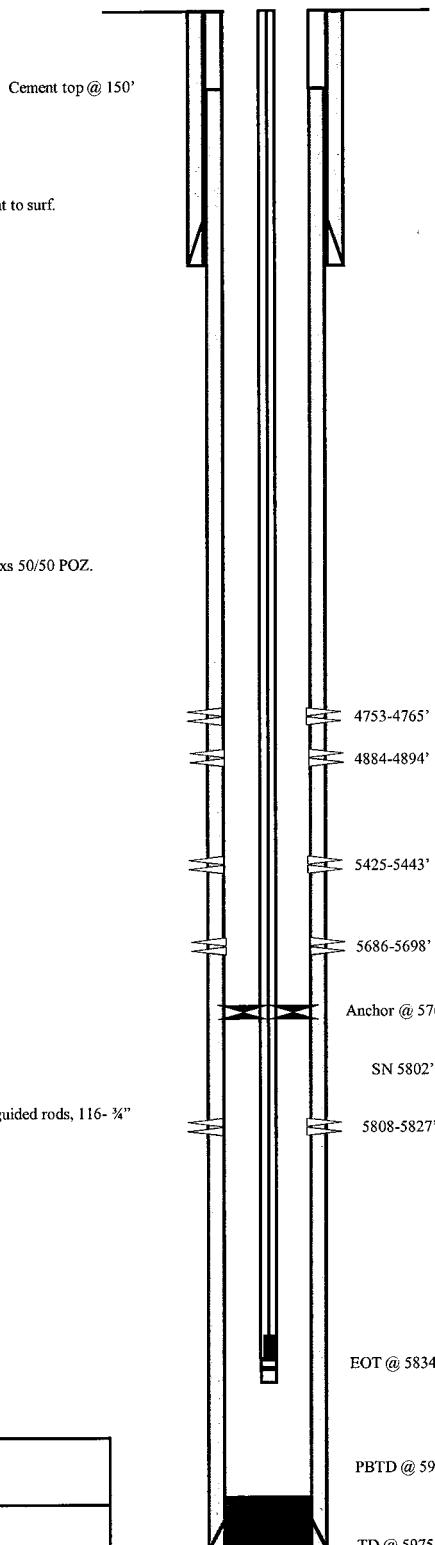
Spud Date: 8-10-06  
Put on Production: 9-13-06

GL: 6563' KB: 6575'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.69')  
DEPTH LANDED: 314.77' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

09-07-06	5808-5827'	Frac CPS sands as follows: 39592# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 24.8 BPM. ISIP 2375 psi. Calc flush: 5806 gal. Actual flush: 5334 gal.
09-07-06	5686-5698'	Frac CP3 sands as follows: 29058# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 5684 gal. Actual flush: 5166 gal.
09-07-06	5425-5443'	Frac LODC sands as follows: 48336# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5423 gal. Actual flush: 4998 gal.
09-07-06	4884-4894'	Frac B2 sands as follows: 49539# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2285 w/ avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4882 gal. Actual flush: 4410 gal.
09-07-06	4753-4765'	Frac C sands as follows: 58685# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 2300 w/ avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4751 gal. Actual flush: 4662 gal. Pump change: Updated rod & tubing detail. Pump change: Updated rod & tubing detail.
7/30/07 11/05/09		

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5947.90')  
DEPTH LANDED: 5957.15' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 150'

### TUBING

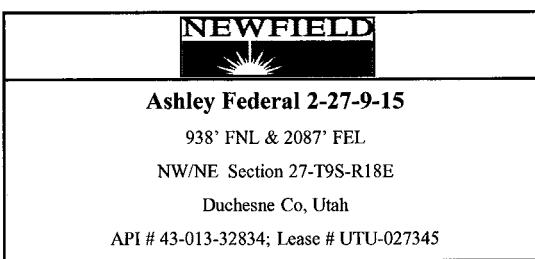
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 182 jts (5766.02')  
TUBING ANCHOR: 5769'  
NO. OF JOINTS: 1 jts (31.70')  
SEATING NIPPLE: 2-7/8" (1.10)  
SN LANDED AT: 5802'  
NO. OF JOINTS: 1 jts (31.80')  
TOTAL STRING LENGTH: EOT @ 5834.' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-4', 6', 8' X 3/4" pony rods, 99- 3/4" guided rods, 116- 3/4" guided rods, 10- 3/4" guided rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

### PERFORATION RECORD

09-06-06	5808-5827'	4 JSPF	76 holes
09-07-06	5686-5698'	4 JSPF	48 holes
09-07-06	5425-5443'	4 JSPF	72 holes
09-07-06	4884-4894'	4 JSPF	40 holes
09-07-06	4753-4765'	4 JSPF	48 holes



## Ashley Federal 3-27-9-15

Spud Date: 6-15-06

Put on Production: 9-6-06

GL: 6603' KB: 6615'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

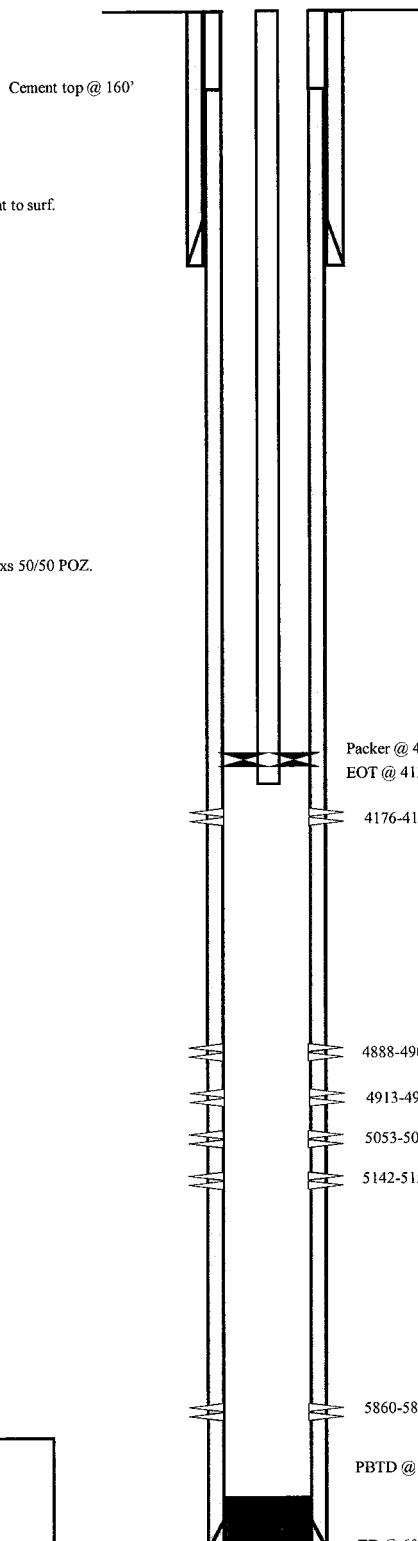
WEIGHT: 24#

LENGTH: 7 jts (305.40')

DEPTH LANDED: 317.25' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Injection Wellbore  
DiagramFRAC JOB

08-30-06 5860-5871'

**Frac C5 sands as follows:**30580# 20/40 sand in 376 bbls Lightning 17  
frac fluid. Treated @ avg press of 3290 psi  
w/avg rate of 21.6 BPM. ISIP 2375 psi. Calc  
flush: 5858 gal. Actual flush: 5301 gal.

08-30-06 5142-5158'

**Frac A3 sands as follows:**40444# 20/40 sand in 382 bbls Lightning 17  
frac fluid. Treated @ avg press of 2380 psi  
w/avg rate of 25 BPM. ISIP 2725 psi. Calc  
flush: 5140 gal. Actual flush: 5166 gal.

08-30-06 5053-5078'

**Frac A1 sands as follows:**100360# 20/40 sand in 711 bbls Lightning 17  
frac fluid. Treated @ avg press of 2490 psi  
w/avg rate of 25 BPM. ISIP 2775 psi. Calc  
flush: 5051 gal. Actual flush: 4544 gal.

08-30-06 4888-4921'

**Frac B2 sands as follows:**130527# 20/40 sand in 876 bbls Lightning 17  
frac fluid. Treated @ avg press of 1730 w/  
avg rate of 25 BPM. ISIP 1900 psi. Calc  
flush: 4886 gal. Actual flush: 4326 gal.

08-31-06 4176-4188'

**Frac GB6 sands as follows:**70056# 20/40 sand in 521 bbls Lightning 17  
frac fluid. Treated @ avg press of 1745 w/  
avg rate of 25.1 BPM. ISIP 1975 psi. Calc  
flush: 4174 gal. Actual flush: 4047 gal.

02-12-07

**Workover:** Update rod and tubing details.

07-05-07

**Pump Change:** Updated rod detail.

7/30/07

**Pump change:** Updated rod & Tubing detail

8/10/10

**Convert to Injection well**

8/12/10

**MIT Completed** – tbg detail updatedPRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5955.92')

DEPTH LANDED: 5969.17' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 450 sxs 50/50 POZ.

CEMENT TOP AT: 160'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 131 jts (4109.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4121.1'

CE @ 4125.5'

TOTAL STRING LENGTH: EOT @ 4130'

PERFORATION RECORD

08-21-06 5860-5871' 4 JSPF 44 holes

08-30-06 5142-5158' 4 JSPF 64 holes

08-30-06 5053-5078' 4 JSPF 100 holes

08-30-06 4913-4921' 4 JSPF 32 holes

08-30-06 4888-4903' 4 JSPF 60 holes

08-30-06 4176-4188' 4 JSPF 48 holes



Ashley Federal 3-27-9-15

812' FNL &amp; 1638' FWL

NE/NW Section 27-T9S-R15E

Duchesne Co, Utah

API # 43-013-32835; Lease # UTU-66185

## Ashley Federal 5-27-9-15

Spud Date: 05/31/06  
Put on Production: 07/11/06

K.B.: 6595, G.L.: 6583

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (305.25')  
DEPTH LANDED: 317.10' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

## Wellbore Diagram

PRODUCTION CASING

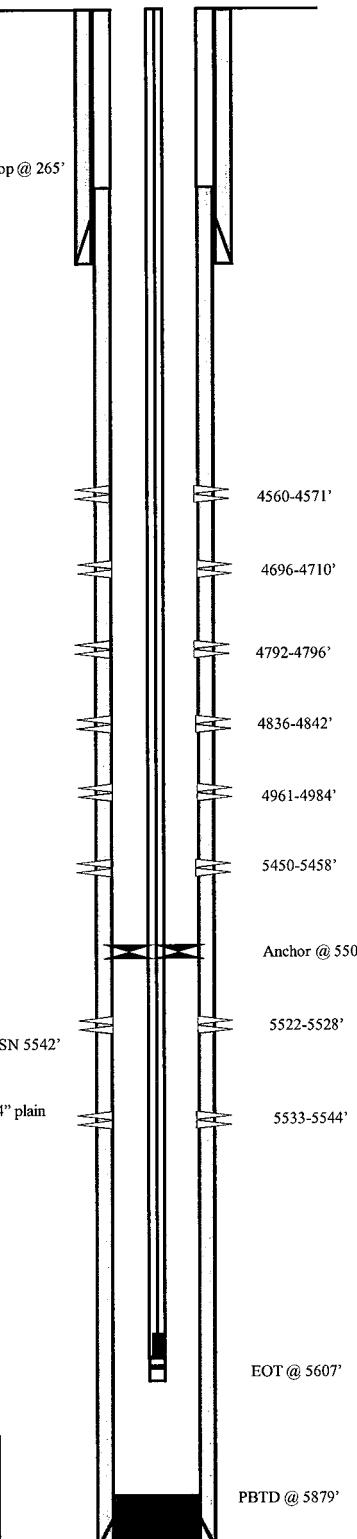
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5882.38')  
DEPTH LANDED: 5881.63' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 265' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 174 jts (5495.59')  
TUBING ANCHOR: 5507.59' KB  
NO. OF JOINTS: 1 jts (31.55')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5541.94' KB  
NO. OF JOINTS: 2 jts (63.36')  
TOTAL STRING LENGTH: EOT @ 5606.85' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-4", 1-8" x 3/4" pony rod, 108-7/8" guided rods, 77-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED: 4 SPM:



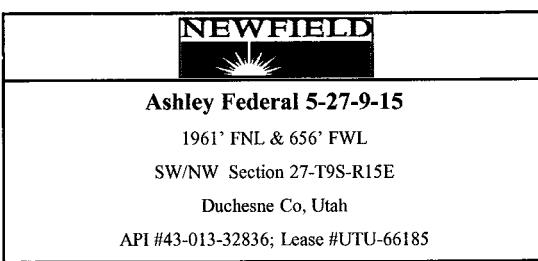
Initial Production: BOPD,  
MCFD, BWPD

FRAC JOB

07/03/06	5450-5544'	Frac CP1, CP2, sands as follows: 50357# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1638 psi w/avg rate of 25.2 BPM. ISIP 1875 psi. Calc flush: 5542 gal. Actual flush: 4922 gal.
07/05/06	4961-4984'	Frac A1 sands as follows: 79561# 20/40 sand in 594 bbls Lightning 17 frac fluid. Treated @ avg press of 2165 psi w/avg rate of 25.2 BPM. ISIP 2650 psi. Calc flush: 4982 gal. Actual flush: 4452 gal.
07/05/06	4792-4842'	Frac B1, B2 sands as follows: 69877# 20/40 sand in 537 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 psi w/avg rate of 25.2 BPM. ISIP 2000 psi. Calc flush: 4840 gal. Actual flush: 4330 gal.
07/06/06	4696-4710'	Frac C sands as follows: 63197# 20/40 sand in 499 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 2125 psi. Calc flush: 4708 gal. Actual flush: 4200 gal.
07/08/06	4560-4571'	Pump Change, Update rod and tubing details. Pump Change, Updated rod & tubing details. Parted rods, Updated rod & tubing details.
	4696-4710'	02/05/07 2-4-08 8/20/09
	4792-4796'	
	4836-4842'	
	4961-4984'	
	5450-5458'	
	Anchor @ 5508'	
	5522-5528'	
	5533-5544'	
	EOT @ 5607'	
	PBT @ 5879'	
	SHOE @ 5881'	
	TD @ 5930'	

PERFORATION RECORD

06/28/06	5533-5544'	4 JSFP	44 holes
06/28/06	5522-5528'	4 JSFP	24 holes
06/28/06	5450-5458'	4 JSFP	32 holes
07/01/06	4961-4984'	4 JSFP	92 holes
07/05/06	4836-4842'	4 JSFP	24 holes
07/05/06	4792-4796'	4 JSFP	16 holes
07/08/06	4696-4710'	4 JSFP	56 holes
07/08/06	4560-4571'	4 JSFP	44 holes



## Ashley Federal 12-22-9-15

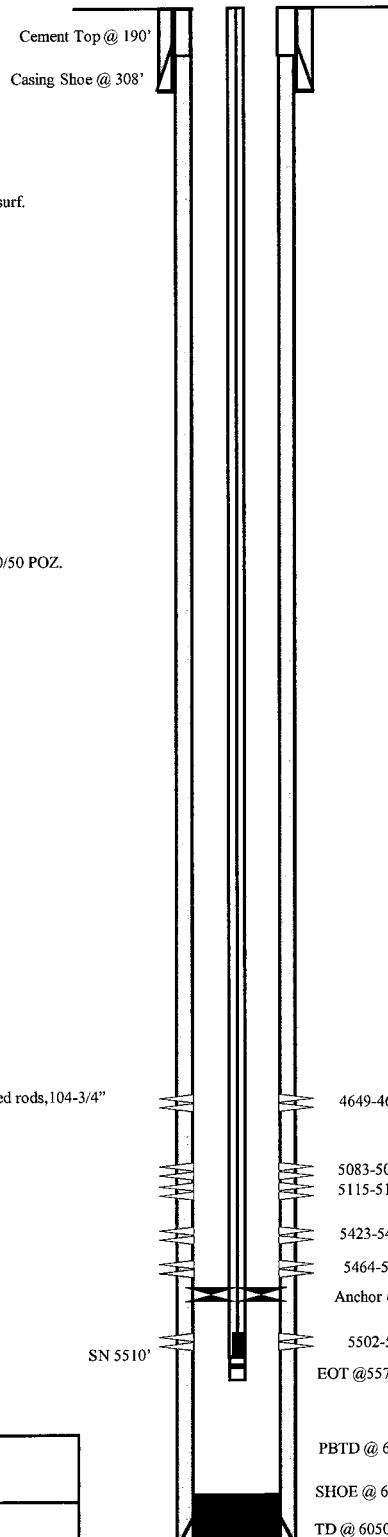
Spud Date: 05/18/2006  
 Put on Production: 06/22/2006

K.B.: 6488, G.L.: 6476

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (300.51')  
 DEPTH LANDED: 308.05' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

## Wellbore Diagram



Initial Production: BOPD,  
 MCFD, BWPD

FRAC JOB

06/19/06 5423-5508'	Frac LODC sands as follows: 80545# 20/40 sand in 612 bbls Lightning 17 frac fluid. Treated @ avg press of 1768 psi w/avg rate of 25 BPM. ISIP 1970 psi. Calc flush: 5506 gal. Actual flush: 4872 gal.
06/19/06 5083-5125'	Frac A3, LODC sands as follows: 88349# 20/40 sand in 664 bbls Lightning 17 frac fluid. Treated @ avg press of 2447 psi w/avg rate of 24.9 BPM. ISIP 2470 psi. Calc flush: 5123 gal. Actual flush: 4536 gal.
06/19/06 4649-4664'	Frac D2 sands as follows: 71591# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 2169 psi w/avg rate of 25 BPM. ISIP 2330 psi. Calc flush: 4662 gal. Actual flush: 4494 gal.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6037.01')  
 DEPTH LANDED: 6050.26' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 190'

TUBING

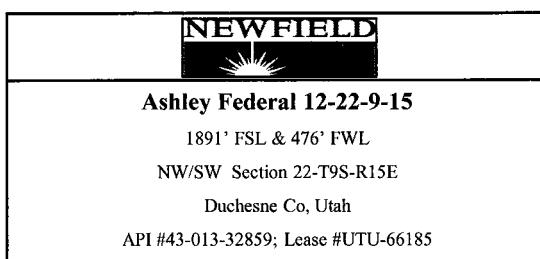
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173 jts (5464.27")  
 TUBING ANCHOR: 5476.27' KB  
 NO. OF JOINTS: 1 jts (31.56')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5510.63' KB  
 NO. OF JOINTS: 2 jts (63.11')  
 TOTAL STRING LENGTH: EOT @ 5575.29' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8, 1-6', 1-2' x 3/4" pony rod, 99-3/4" guided rods, 104-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, 6 SPM:

PERFORATION RECORD

06/12/06 5502-5508'	4 JSFP	24 holes
06/12/06 5464-5468'	4 JSFP	16 holes
06/12/06 5423-5438'	4 JSFP	60 holes
06/19/06 5115-5125'	4 JSFP	40 holes
06/19/06 5115-5125'	4 JSFP	40 holes
06/19/06 4649-4664'	4 JSFP	60 holes



**ATTACHMENT E-5**

Ashley Federal 11-22-9-15

Spud Date: 5-9-2006  
Put on Production: 6-13-2006  
GL: 6521' KB: 6533'

## Injection Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

## **SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (300.51')  
DEPTH LANDED: 311.41' KB  
HOLE SIZE:12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 142 jts. (6084.44')  
DEPTH LANDED: 6097.69' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 45'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 130 jts (4105.12')  
TUBING ANCHOR: 4121.32'  
SEATING NIPPLE: 2-7/8" (1.10")  
SN LANDED AT: 4117.12'  
TOTAL STRING LENGTH: EOT @ 4125.72'

Cement top @ 45'

urf.

/50 POZ.

Packer @ 4  
EOT @ 412

4173-4184'

4648-4657'

4696-4718'

4860-4869'

4917-4924'

5298-5306'

5374-5382'

5595-5606'

PBD @ 6

SHOE @ 6

FRAC JOB

06-07-06 5595-5606' **Frac CPI sands as follows:**  
34632#/20/40 sand in 461 bbls Lightning 17  
frac fluid. Treated @ avg press of 1887 psi  
w/avg rate of 25 BPM. ISIP 1925 psi. Calc  
flush: 5593 gal. Actual flush: 5082 gal

06-07-06 5298-5382' **Frac LODC sands as follows:**  
50332#/20/40 sand in 505 bbls Lightning 17  
frac fluid. Treated @ avg press of 2650 psi  
w/avg rate of 28 BPM. ISIP 2740 psi. Calc  
flush: 5372 gal. Actual flush: 4788 gal.

06-07-06 4860-4924' **Frac B1, & B.5 sands as follows:**  
54968# 20/40 sand in 461 bbls Lightning 17  
frac fluid. Treated @ avg press of 1977 psi  
w/avg rate of 25 B RPM. ISIP 2175 psi. Calc

06-08-06 4648-4718' **Frac D1, & D2 sands as follows:**  
130732# 10/40 sand in 885 bbls Lightning 17  
frac fluid. Treated @ avg press of 1667 w/  
avg rate of 25.2 BPM. ISIP 2000 psi. Calc

06-08-06 4173-4184' **Frac GB6 sands as follows:**  
32191# 20/40 sand in 359 bbls Lightning 17  
frac fluid. Treated @ avg press of 2103 w/  
avg rate of 25.1 BPM. ISIP 2200 psi. Calc  
Sect: 4173-4184' Actual fluid: 4074 gal.

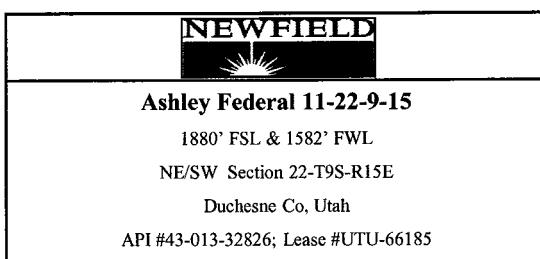
7/31/07 Pump change. Updated rod & tubing detail.

2/15/08 Well converted to an Injection well.

2/29/08 **MIT completed and submitted.**

PERFORATION RECORD

06-01-06	5595-5606*	4 JSFP	44 holes
06-07-06	5374-5382*	4 JSFP	32 holes
06-07-06	5298-5306*	4 JSFP	32 holes
06-07-06	4917-4924*	4 JSFP	28 holes
06-07-06	4860-4869*	4 JSFP	36 holes
06-07-06	4694-4718*	4 JSFP	88 holes
06-07-06	4648-4657*	4 JSFP	36 holes
06-08-06	4173-4184*	4 JSFP	44 holes



## Ashley Federal 13-22-9-15

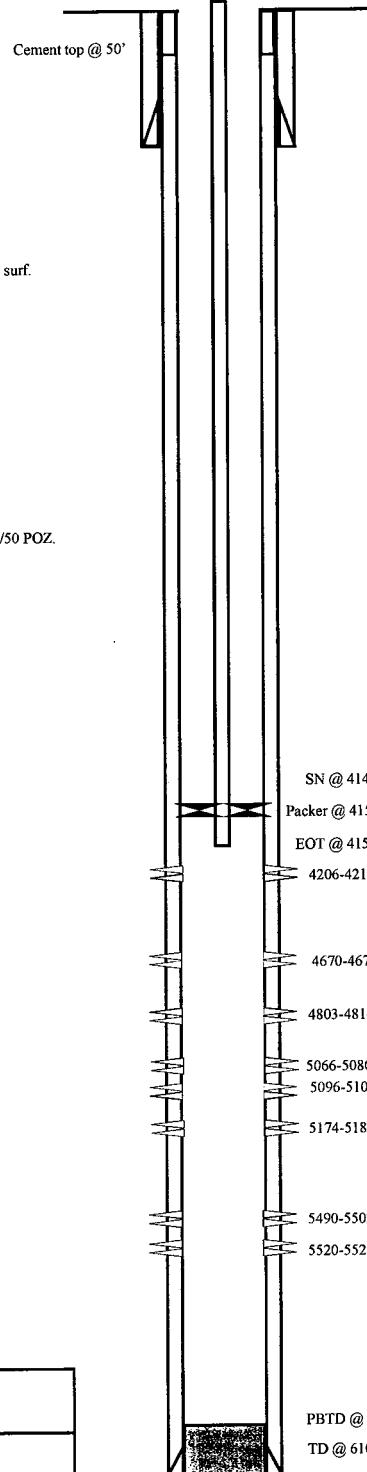
Spud Date: 5-15-06  
 Put on Production: 6-30-06  
 GL: 6588' KB: 6600'

### Injection Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (300.51')  
 DEPTH LANDED: 308.48' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5.5 bbls cmt to surf.



#### FRAC JOB

06-26-06	5490-5525'	Frac LODC sands as follows: 50226# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1907 psi w/avg rate of 25.3 BPM. ISIP 2010 psi. Calc flush: 5488 gal. Actual flush: 4998 gal.
06-27-06	5066-5181'	Frac LODC, A1, & A3 sands as follows: 113156# 20/40 sand in 796 bbls Lightning 17 frac fluid. Treated @ avg press of 2251 psi w/avg rate of 25.3 BPM. ISIP 2730 psi. Calc flush: 5064 gal. Actual flush: 4536 gal.
06-27-06	4803-4816'	Frac C sands as follows: 44922# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1989 psi w/avg rate of 25.2 BPM. ISIP 2270 psi. Calc flush: 4801 gal. Actual flush: 4284 gal.
06-27-06	4206-4218'	Frac GB6 sands as follows: 62394# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 1979 w/avg rate of 25.3 BPM. ISIP 2470 psi. Calc flush: 4204 gal. Actual flush: 4074 gal.
	02/11/08	Converted to an Injection Well
	02/21/08	MIT Completed

#### PRODUCTION CASING

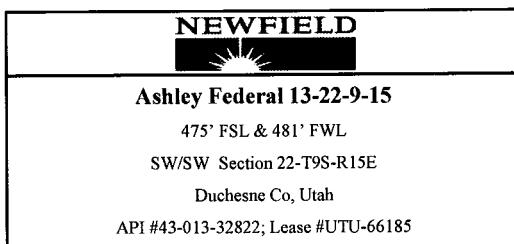
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (6079.46')  
 DEPTH LANDED: 6092.71' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 50'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 131 jts (4136.53')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4148.53' KB  
 PACKER: (3.10') @ 4152.73' kb  
 TOTAL STRING LENGTH: EOT @ 4157.13' KB

#### PERFORATION RECORD

06-21-06	5520-5525'	4 JSPF	20 holes
06-21-06	5490-5502'	4 JSPF	48 holes
06-26-01	5174-5181'	4 JSPF	28 holes
06-26-06	5096-5102'	4 JSPF	24 holes
06-26-06	5066-5080'	4 JSPF	56 holes
06-27-06	4803-4816'	4 JSPF	52 holes
06-27-06	4670-4676'	4 JSPF	24 holes
06-27-06	4206-4218'	4 JSPF	48 holes



## Ashley Federal 14-22-9-15

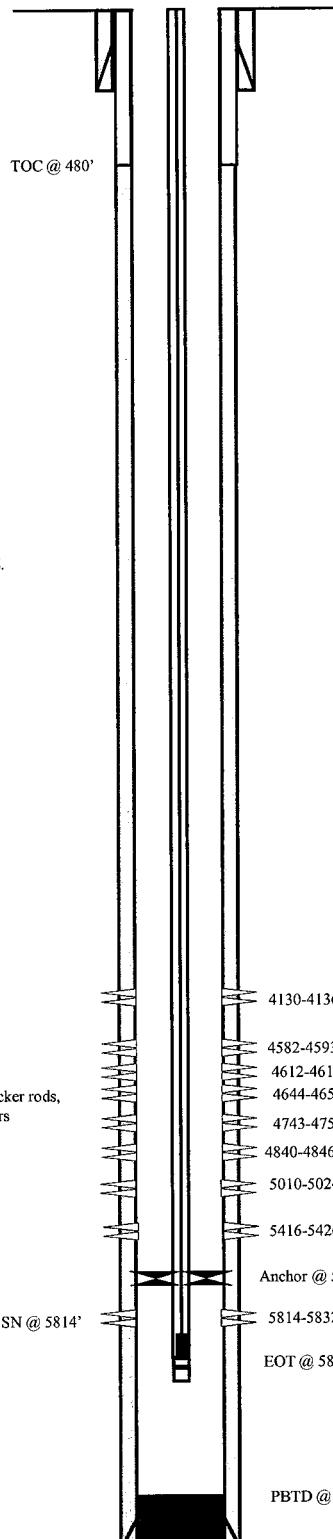
Spud Date: 8-4-06  
Put on Production: 9-22-06

GL: 6515' KB: 6527'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.29')  
DEPTH LANDED: 323.19' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G", circ. 4 bbls to surf.

## Wellbore Diagram

FRAC JOB

09-11-06	5814-5832'	Frac CP5 sands as follows: 7462# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2099 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 5812 gal. Actual flush: 5292 gal.
09-12-06	5416-5426'	Frac LODC sands as follows: 2926# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 2247 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 5414 gal. Actual flush: 4872 gal.
09-21-06	5010-5024'	Frac A1 sands as follows: 2899# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 2217 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5008 gal. Actual flush: 4494 gal.
09-12-06	4840-4846'	Frac B1 sands as follows: 3403# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2123 w/ avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 4838 gal. Actual flush: 4326 gal.
09-13-06	4582-4659'	Frac D1, & D2 sands as follows: 13949# 20/40 sand in 1008 bbls Lightning 17 frac fluid. Treated @ avg press of 1821 w/ avg rate of 25.1 BPM. ISIP 1950 psi. Calc flush: 4580 gal. Actual flush: 4032 gal.
09-13-06	4130-4136'	Frac GB6 sands as follows: 30653# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/ avg rate of 25 BPM. ISIP 2000 psi. Calc flush: 4128 gal. Actual flush: 4032 gal. pump change. Updated rod and tubing details
05/28/08		Pump Change. Updated rod & tubing details.
10/5/09		Parted rods. Updated rod and tubing details.
2/10/2010		Parted rods. Update rod and tubing details.
11/23/2010		Parted rods. Update rod and tubing details.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5895.02')  
DEPTH LANDED: 6003.61' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 480' per CBL 8/31/06

TUBING (GI 9/22/06)

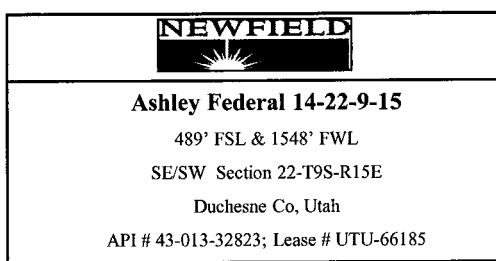
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 182 jts (5767.74')  
TUBING ANCHOR: 5779.74' KB  
NO. OF JOINTS: 1 jts (31.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5814.29' KB  
NO. OF JOINTS: 1 jts (31.67')  
NOTCHED COLLAR: 2-7/8" (0.45')  
TOTAL STRING LENGTH: EOT @ 5847.51' KB

SUCKER RODS (GI 5/14/12)

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2" x 3/4" pony rod, 110 x 3/4" guided rods, 85 x 3/4" sucker rods,  
30 x 3/4" guided rods, 5 x 1-1/2" stabilizer bars, 5 x 4' x 1" stabilizer bars  
PUMP SIZE: 2-1/2" x 1-1/4" x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4  
PUMPING UNIT: DARCO C-228-213-86

PERFORATION RECORD

08-31-06	5814-5832'	4 JSFP	72 holes
09-11-06	5416-5426'	4 JSFP	40 holes
09-12-06	5010-5024'	4 JSFP	56 holes
09-12-06	4840-4846'	4 JSFP	24 holes
09-12-06	4743-4752'	4 JSFP	36 holes
09-13-06	4644-4659'	4 JSFP	60 holes
09-13-06	4612-4618'	4 JSFP	24 holes
09-13-06	4582-4593'	4 JSFP	44 holes
09-13-06	4130-4136'	4 JSFP	24 holes





GMBU 15-22-9-15H

Uinta Central Basin - Duchesne County, Utah, USA

Surface Location: SW 1/4, Sec 22, T88 R15E; 881' FSL, 1878' FEL

**Marc Barilli**

PFM 4/15/2013

Printed on 09/09/2013, Built Date: 10/09/2013

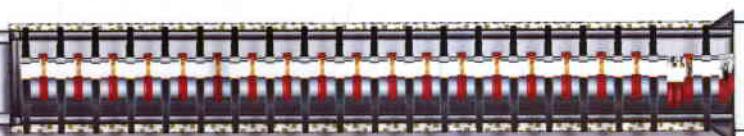
THE BOSTONIAN

API# 43-013-00243

### Table 1. Summary of the results

Spud Date: 9/1/2011 PoP Date: 10/26/2011

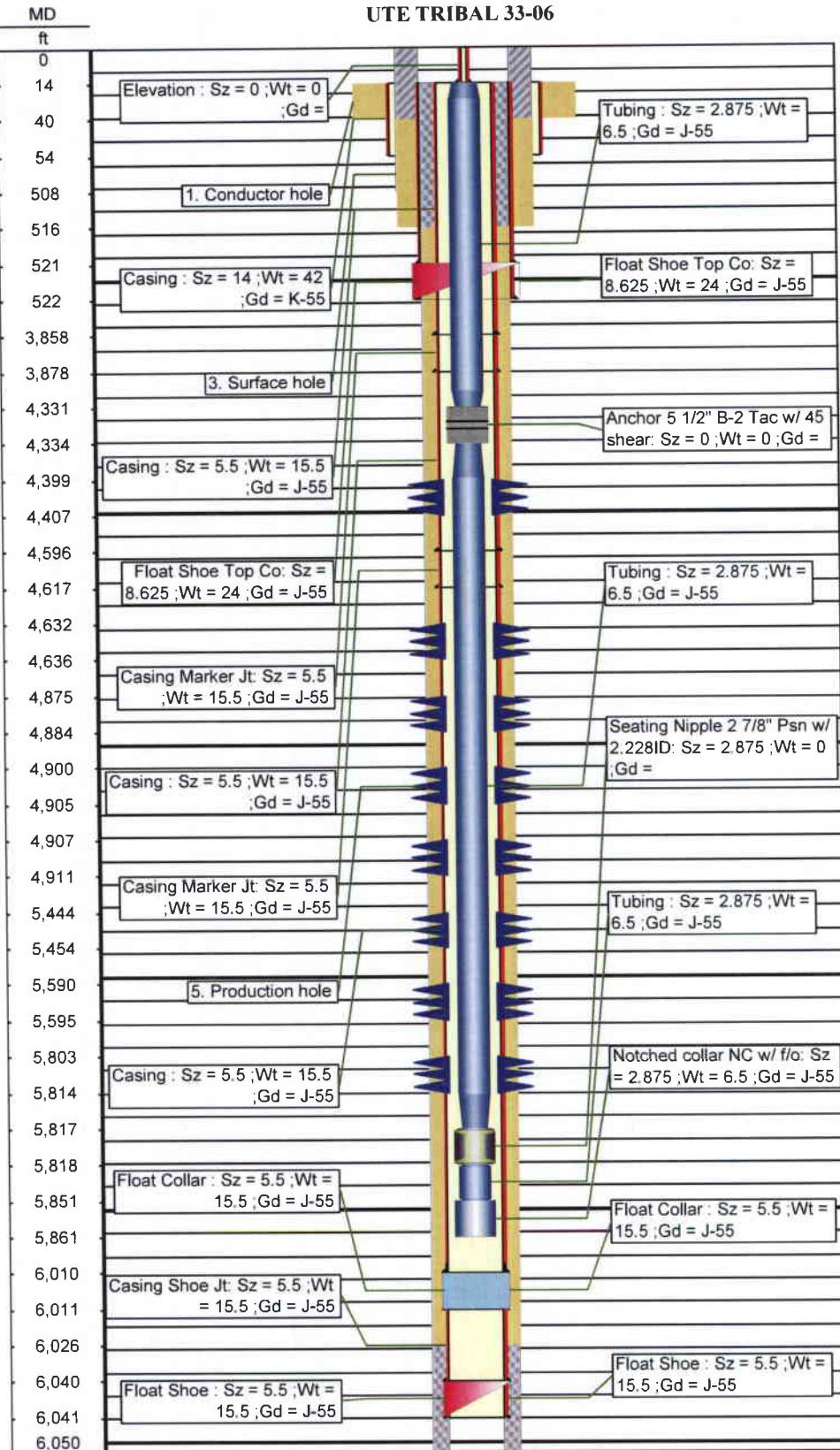
### Team Counting Hole



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

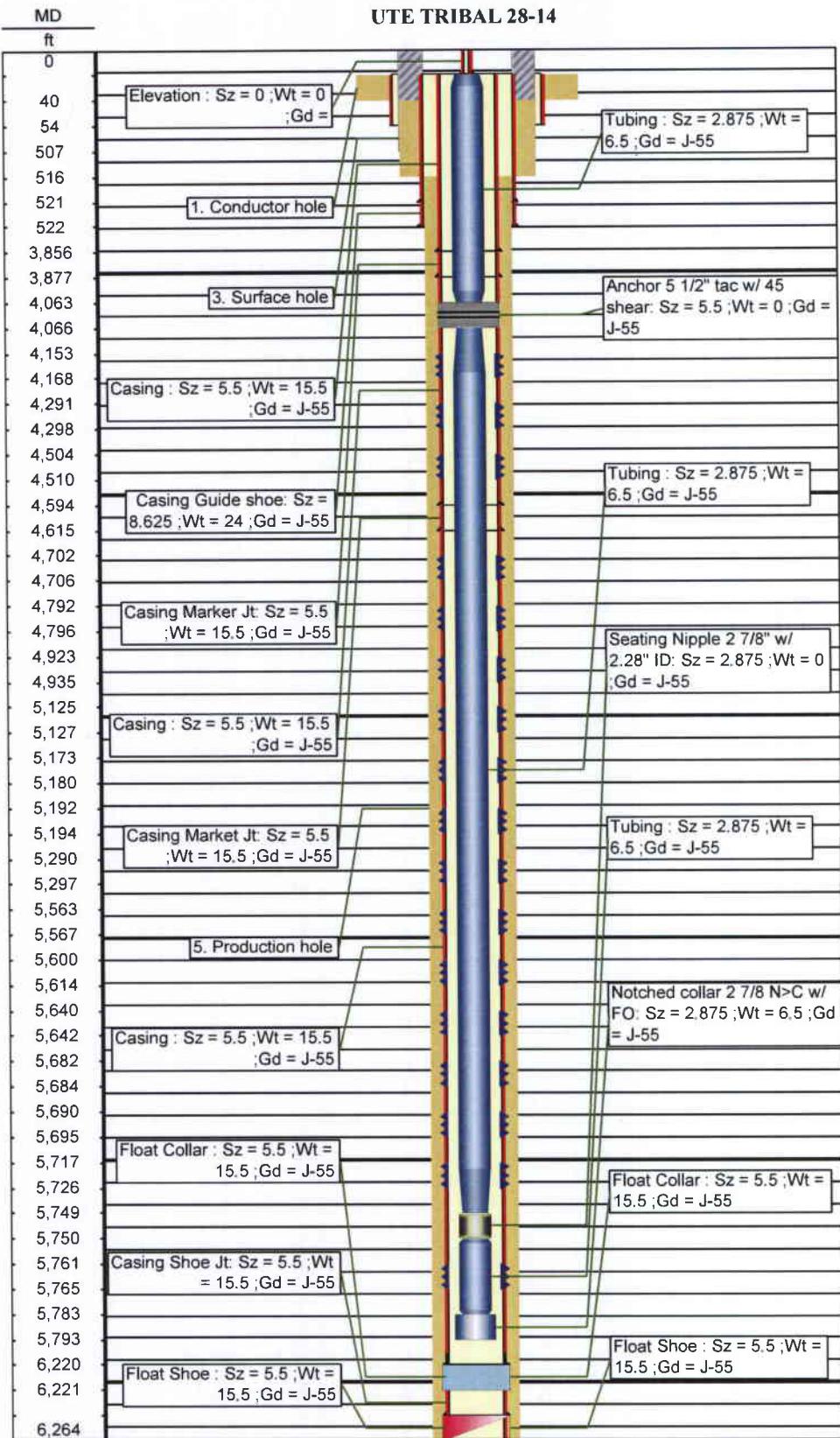
Petroglyph Energy, Inc.  
API# 43-013-50946

UTE TRIBAL 33-06

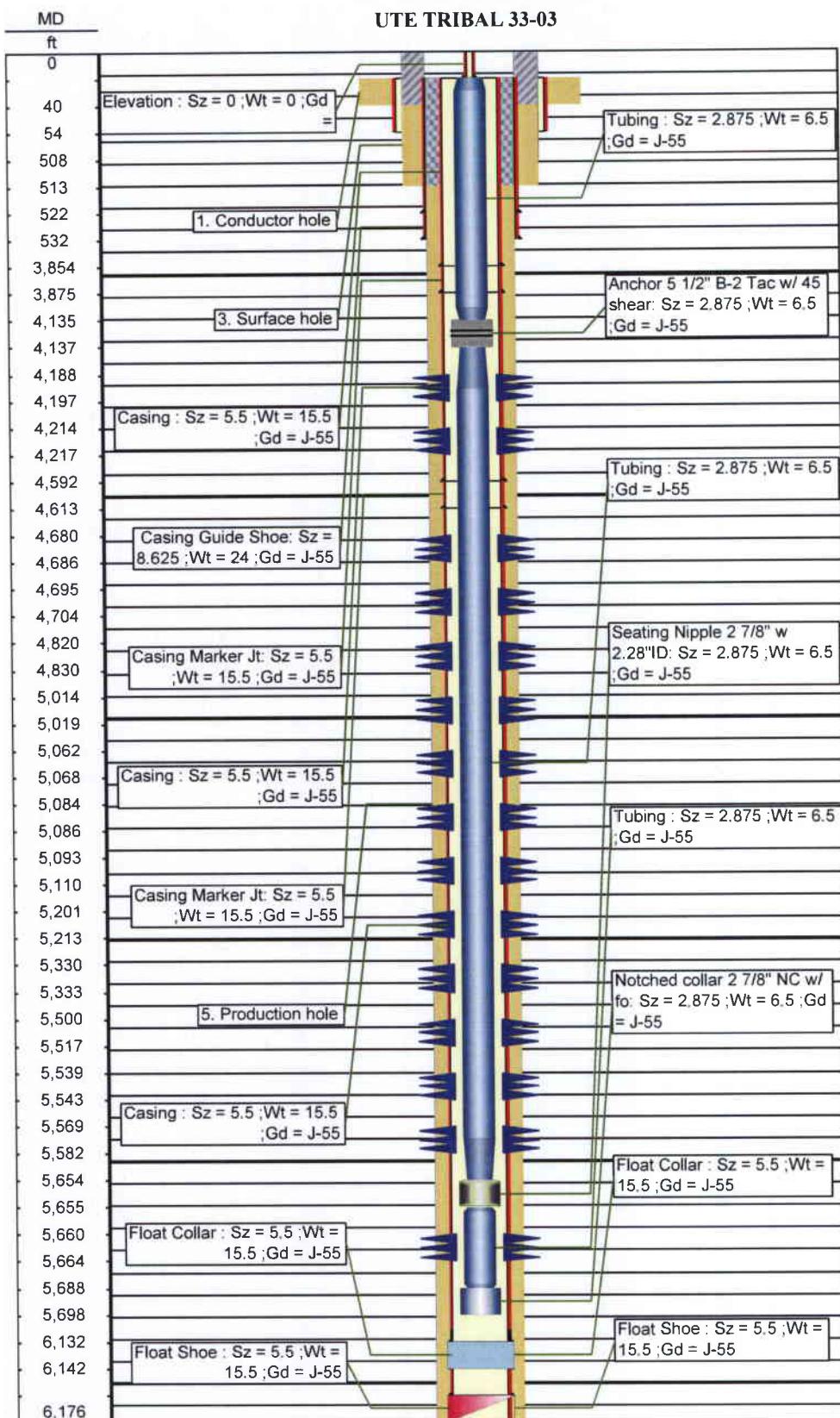


Petroglyph Energy, Inc.  
API # 43-013-50947

UTE TRIBAL 28-14



Petroglyph Energy, Inc.  
API # 43-013-50950



# ATTACHMENT F

multi-chem®  
A HALLIBURTON SERVICE

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: Standard

## Water Analysis Report

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

Sales Rep: Michael McBride  
Lab Tech: Gary Peterson

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

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

Notes:

(PTB = Pounds per Thousand Barrels)

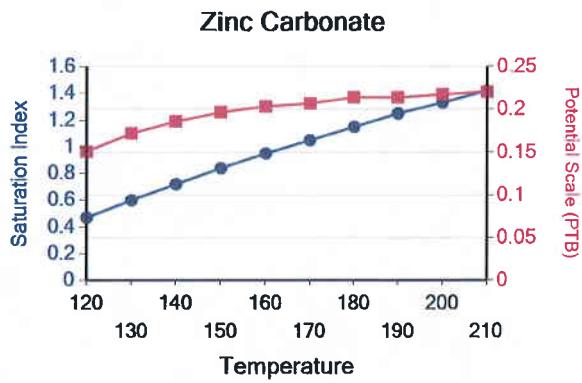
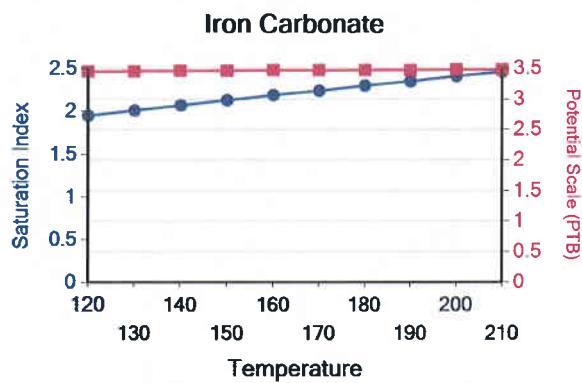
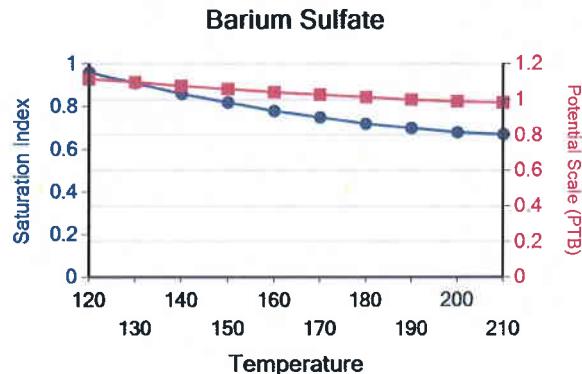
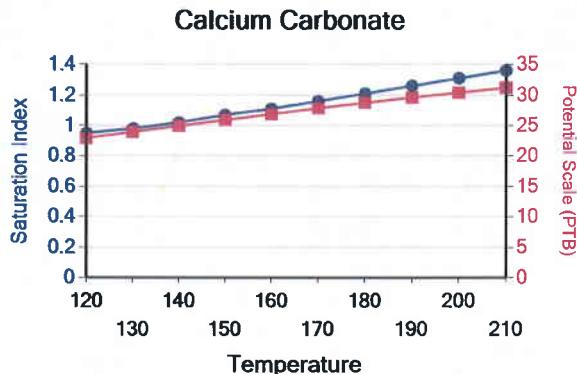
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.36	31.13	0.67	0.98	0.00	0.00	2.46	3.48	0.00	0.00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

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

## Water Analysis Report

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

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



# ATTACHMENT F

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

3 of 6

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Units of Measurement: **Standard**

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **ASHLEY 4-27-9-15**  
Sample Point: **Treater**  
Sample Date: **3/11/2013**  
Sample ID: **WA-236939**

Sales Rep: **Michael McBride**  
Lab Tech: **Layne Wilkerson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics											
		Cations				mg/L				Anions			
Test Date:	3/20/2013	Sodium (Na):				1228.74	Chloride (Cl):					5000.00	
System Temperature 1 (°F):	120.00	Potassium (K):				24.00	Sulfate (SO4):					38.00	
System Pressure 1 (psig):	60.0000	Magnesium (Mg):				239.00	Bicarbonate (HCO3):					951.60	
System Temperature 2 (°F):	210.00	Calcium (Ca):				1193.00	Carbonate (CO3):						
System Pressure 2 (psig):	60.0000	Strontium (Sr):				207.00	Acetic Acid (CH <sub>3</sub> COO):						
Calculated Density (g/ml):	1.005	Barium (Ba):				197.00	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO):						
pH:	7.50	Iron (Fe):				448.00	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO):						
Calculated TDS (mg/L):	9593.31	Zinc (Zn):				0.22	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO):						
CO <sub>2</sub> in Gas (%):		Lead (Pb):				0.25	Fluoride (F):						
Dissolved CO <sub>2</sub> (mg/L):	0.00	Ammonia NH <sub>3</sub> :					Bromine (Br):						
H <sub>2</sub> S in Gas (%):		Manganese (Mn):				14.00	Silica (SiO <sub>2</sub> ):					52.50	
H <sub>2</sub> S in Water (mg/L):	1.50												

Notes:

B=4.9 Al=1.6

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide		
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	
210.00	60.00	2.50	232.24	1.80	31.66	3.94	1.37	4.11	294.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.43	0.12
200.00	60.00	2.43	228.44	1.81	31.68	3.90	1.37	4.04	292.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.12
190.00	60.00	2.36	224.44	1.83	31.71	3.86	1.37	3.97	291.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.55	0.12
180.00	60.00	2.29	220.24	1.85	31.74	3.83	1.37	3.89	289.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.62	0.12
170.00	60.00	2.22	215.87	1.88	31.77	3.81	1.37	3.82	287.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.70	0.12
160.00	60.00	2.15	211.34	1.91	31.81	3.78	1.37	3.74	285.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.78	0.12
150.00	60.00	2.09	206.69	1.94	31.85	3.77	1.37	3.66	283.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.12
140.00	60.00	2.03	201.95	1.98	31.90	3.76	1.37	3.58	280.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.12
130.00	60.00	1.97	197.17	2.03	31.95	3.76	1.37	3.50	278.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.07	0.12
120.00	60.00	1.91	192.37	2.09	32.00	3.77	1.37	3.42	275.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.19	0.12

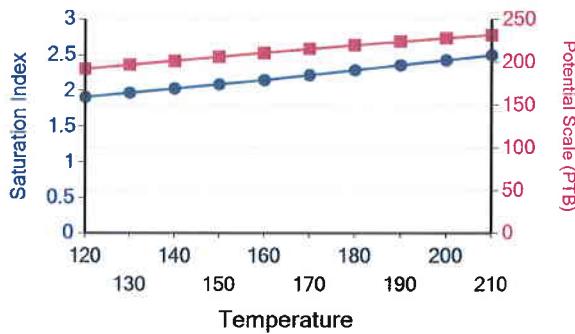
## Water Analysis Report

		Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.13	8.55	0.10	6.71	62.38	4.10	31.51	14.16	56.93
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.12	8.68	0.10	6.16	61.23	3.77	30.73	13.72	56.93
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.12	8.81	0.10	5.60	59.21	3.43	29.62	13.28	56.93
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.11	8.95	0.10	5.04	55.97	3.09	28.12	12.84	56.93
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.09	9.11	0.10	4.47	51.32	2.75	26.15	12.40	56.93
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.08	9.27	0.10	3.90	45.38	2.41	23.71	11.97	56.93
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.05	9.45	0.10	3.32	38.51	2.07	20.83	11.53	56.92
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.02	9.64	0.10	2.75	31.21	1.72	17.61	11.10	56.92
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.84	0.10	2.17	23.88	1.39	14.17	10.67	56.91
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.06	0.10	1.60	16.87	1.05	10.65	10.26	56.90

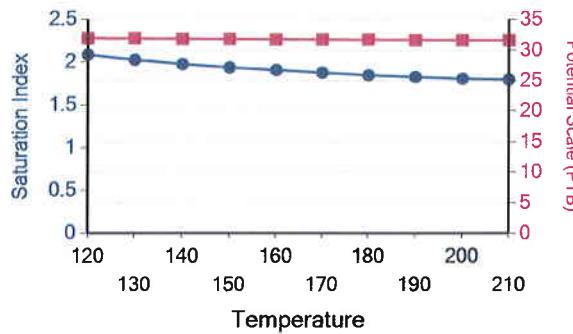
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

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

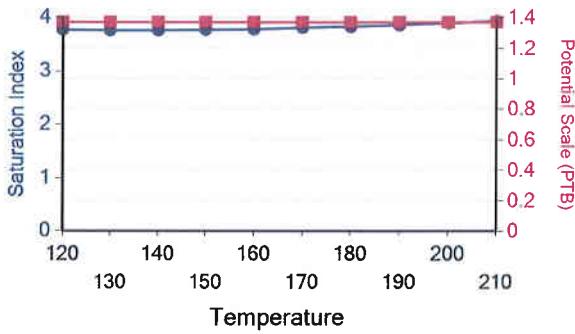
Calcium Carbonate



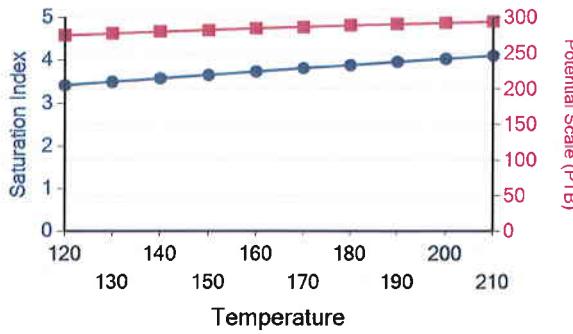
Barium Sulfate



Iron Sulfide

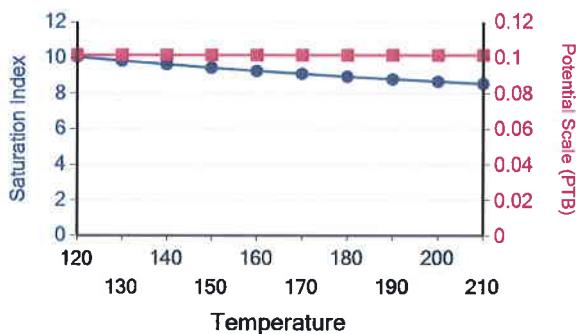


Iron Carbonate

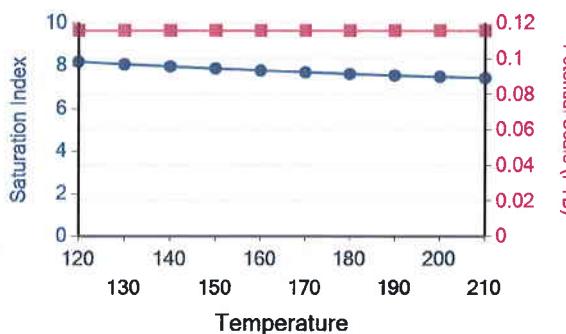


## Water Analysis Report

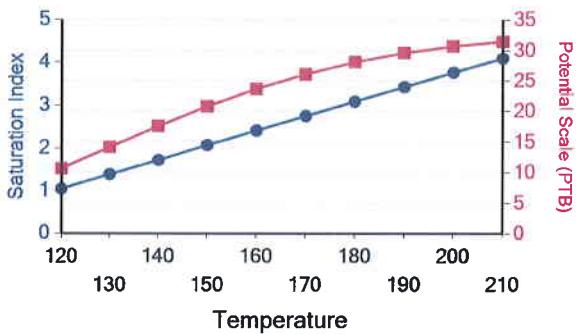
Lead Sulfide



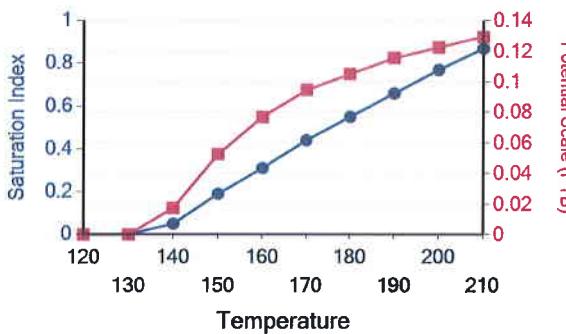
Zinc Sulfide



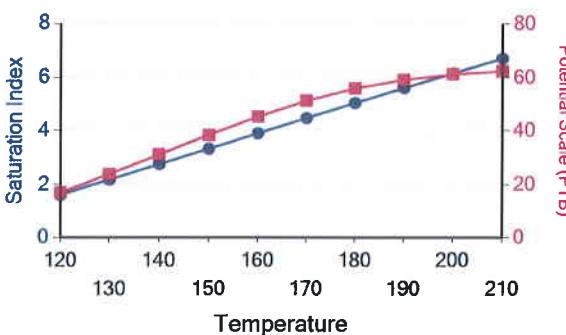
Ca Mg Silicate



Zinc Carbonate



Mg Silicate



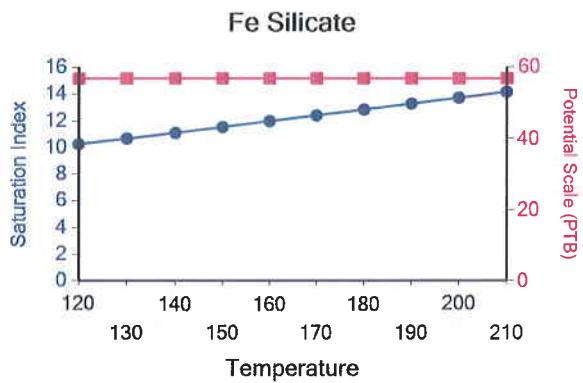
# ATTACHMENT F

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

6 of 6

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## Water Analysis Report



Attachment "G"

**Federal #4-27-9-15**  
**Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated	
Top	Bottom			Frac Gradient (psi/ft)	Pmax
5420	5430	5425	2175	0.83	2140
5008	5016	5012	2385	0.91	2352
4804	4816	4810	2124	0.88	2093
4064	4086	4075	1787	0.87	1761 ←
3980	3986	3983	2216	0.99	2190
		Minimum			1761

Calculation of Maximum Surface Injection Pressure

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

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

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

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

1089

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/18/2007

Day: 1

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322'

Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_

Prod Csg: 5-1/2" @ 6010'

Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_

Csg PBTD: 5953' WL

BP/Sand PBTD: \_\_\_\_\_

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
LODC sds	5420-5430'	4/40	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/17/2007

SITP: \_\_\_\_\_ SICP: 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5953' & cement top @ 80'. Perforate stage #1, LODC sds @ 5420-30' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120 ) w/ 4 spf for total of 40 shots. 147 BWTR. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 147

Starting oil rec to date: \_\_\_\_\_

Fluid lost/recovered today: 0

Oil lost/recovered today: \_\_\_\_\_

Ending fluid to be recovered: 147

Cum oil recovered: \_\_\_\_\_

IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

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

COSTS

Weatherford BOP \_\_\_\_\_

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

NPC NU crew \_\_\_\_\_

Procedure or Equipment detail:

NDSI trucking \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Perforators LLC \_\_\_\_\_

Drilling cost \_\_\_\_\_

Zubiate Hot Oil \_\_\_\_\_

Location preparation \_\_\_\_\_

NPC wellhead \_\_\_\_\_

Benco - anchors \_\_\_\_\_

Admin. Overhead \_\_\_\_\_

NPC Supervision \_\_\_\_\_

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

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

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

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

Completion Supervisor: Don Dulen

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

2 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/21/2007

Day: 2a

Operation: Completion

Rig: Rigless

WELL STATUSSurf Csg: 8-5/8' @ 322'  
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 6010'  
Grd: Pkr/EOT @:Csg PBTD: 5953' WL  
BP/Sand PBTD:PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/20/2007

SITP: SICP: 0

Day 2a, Stage #1 LODC sds.

RU BJ Services. 0 psi on well. Frac LODC sds w/ 25,028#s of 20/40 sand in 364 bbls of Lightning 17 fluid. Broke @ 3005 psi. Treated w/ ave pressure of 2220 psi w/ ave rate of 24.8 BPM. ISIP 2175 psi. Leave pressure on well. 511 BWTR. See day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 147

Starting oil rec to date: \_\_\_\_\_

Fluid lost/recovered today: 364

Oil lost/recovered today: \_\_\_\_\_

Ending fluid to be recovered: 511

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: LODC sds down csg

COSTS

BJ Services

CD Trucking

NPC fuel gas

NPC supervision

1470 bbls to Techni-Hib &amp; crosslink

2500 gals of pad

1915 gals w/ 1-4 ppg of 20/40 sand

4006 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4880 gals of slick water

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

Max TP: 2490 Max Rate: 24.9 bpm Total fluid pmpd: 364 bbls

Avg TP: 2220 Avg Rate: 24.8 bpm Total Prop pmpd: 25,028#

ISIP: 2175 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ F.G. .83

Completion Supervisor: Don Dulen

DAILY COST: \$0

TOTAL WELL COST: \$0

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

3 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/21/2007

Day: 2b

Operation: Completion

Rig: Rigless

WELL STATUSSurf Csg: 8-5/8' @ 322'  
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 6010'  
Grd: Pkr/EOT @:Csg PBTD: 5953' WL  
BP/Sand PBTD:  
CBP @ 5120'PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/20/2007

SITP: SICP: 1400

Day 2b, Stage #2 A1 sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' per gun. Set plug @ 5120'. Perforate A1 sds @ 5008-16' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 32 shots. RU BJ Services. 1400 psi on well. Frac A1 sds w/ 89,899#s of 20/40 sand in 699 bbls of Lightning 17 fluid. Broke @ 3051 psi. Treated w/ ave pressure of 2143 psi w/ ave rate of 24.7 BPM. ISIP 2385 psi. Leave pressure on well. 1210 BWTR. See day 2d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 511

Starting oil rec to date:

Fluid lost/recovered today: 699

Oil lost/recovered today:

Ending fluid to be recovered: 1210

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: A1 sds down csg

COSTS

BJ Services

CD Trucking

NPC fuel gas

Lone Wolf WL

Weatherford tools

NPC Supervision

1470 bbls to Techni-Hib &amp; crosslink

6800 gals of pad

4625 gals w/ 1-5 ppg of 20/40 sand

9250 gals w/ 5-8 ppg of 20/40 sand

2211 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4498 gals of slick water

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

Max TP: 2350 Max Rate: 24.8 bpm Total fluid pmpd: 699 bbls

Avg TP: 2143 Avg Rate: 24.7 bpm Total Prop pmpd: 89,899#

ISIP: 2385 5 min: 10 min: F.G. .91

DAILY COST: \$0

TOTAL WELL COST: \$0

Completion Supervisor: Don Dulen

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

4 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/21/2007

Day: 2c

Operation: Completion

Rig: Rigless

WELL STATUSSurf Csg: 8-5/8' @ 322'  
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 6010'  
Grd: Pkr/EOT @:Csg PBTD: 5953' WL  
BP/Sand PBTD:  
CBP @ 4920', 5120'PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B.5 sds	4804-4816'	4/48			
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/20/2007

SITP: SICP: 1725

Day 2c, Stage #3 B.5 sds.

RU Lone Wolf, IIC WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' per gun. Set plug @ 4920'. Perforate B.5 sds @ 4804-16' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90) w/ 4 spf for total of 48 shots. RU BJ Services. 1725 psi on well. Frac B.5 sds w/ 55,137#s of 20/40 sand in 490 bbls of Lightning 17 fluid. Broke @ 3955 psi. Treated w/ ave pressure of 1983 psi w/ ave rate of 24.8 BPM. ISIP 2124 psi. Leave pressure on well. 1700 BWTR. See day 2d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1210

Starting oil rec to date:

Fluid lost/recovered today: 490

Oil lost/recovered today:

Ending fluid to be recovered: 1700

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.5 sds down csg

COSTS

BJ Services

CD Trucking

NPC fuel gas

Lone Wolf WL

Weatherford tools

NPC Supervision

1386 bbls to Techni-Hib &amp; crosslink

4400 gals of pad

2944 gals w/ 1-5 ppg of 20/40 sand

5872 gals w/ 5-8 ppg of 20/40 sand

1177 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4284 gals of slick water

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

Max TP: 2250 Max Rate: 24.8 bpm Total fluid pmpd: 490 bbls

Avg TP: 1983 Avg Rate: 24.8 bpm Total Prop pmpd: 55,137#

ISIP: 2124 5 min: 10 min: F.G. .88

Completion Supervisor: Don Dulen

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

5 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/21/2007

Day: 2d

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Tbg: Size: Wt:

Prod Csg: 5-1/2" @ 6010' Grd: Pkr/EOT @:

Csg PBTD: 5953' WL  
BP/Sand PBTD:  
CBP @ 4190', 4920', 5120'PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4064-4070'	4/24			
GB4 sds	4080-4086'	4/24			
B.5 sds	4804-4816'	4/48			
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/20/2007

SITP: SICP: 1550

Day 2d, Stage #4 GB4 sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2-6 perf guns. Set plug @ 4190'. Perforate GB4 sds @ 4064-70' & 4080-86' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram 90 ) w/ 4 spf for total of 48 shots. RU BJ Services. 1550 psi on well. Frac B.5 sds w/ 24,052#s of 20/40 sand in 327 bbls of Lightning 17 fluid. Broke @ 2463 psi. Treated w/ ave pressure of 2018 psi w/ ave rate of 24.8 BPM. ISIP 1787 psi. Leave pressure on well. 2027 BWTR. See day 2e.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1700

Starting oil rec to date:

Fluid lost/recovered today: 327

Oil lost/recovered today:

Ending fluid to be recovered: 2027

Cum oil recovered:

IFL: FFL:

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: GB4 sds down csg

COSTS

BJ Services

CD Trucking

NPC fuel gas

Lone Wolf WL

Weatherford tools

NPC Supervision

1344 bbls to Techni-Hib &amp; crosslink

2500 gals of pad

1915 gals w/ 1-4 ppg of 20/40 sand

3931 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 3557 gals of slick water

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

Max TP: 2255 Max Rate: 24.8 bpm Total fluid pmpd: 327 bbls

Avg TP: 2018 Avg Rate: 24.8 bpm Total Prop pmpd: 24,052

ISIP: 1787 5 min: 10 min: F.G. .87

Completion Supervisor: Don Dulen

## NEWFIELD



ATTACHMENT G-1

6 of 9

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/21/2007

Day: 2e

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322'

Prod Csg: 5-1/2" @ 6010'

Csg PBTD: 5953' WL

Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_

Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_

BP/Sand PBTD: 4040'

CBP @ 4190', 4920', 5120'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	3980-3986'	4/24			
GB4 sds	4064-4070'	4/24			
GB4 sds	4080-4086'	4/24			
B.5 sds	4804-4816'	4/48			
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/20/2007

SITP: \_\_\_\_\_ SICP: \_\_\_\_\_

Day 2e, Stage #5 GB2 sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' per gun. Set plug @ 4040'. Perforate GB2 sds @ 3980-86' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 1340 psi on well. Frac GB2 sds w/ 16,234#s of 20/40 sand in 257 bbls of Lightning 17 fluid. Broke @ 3899 psi. Treated w/ ave pressure of 2455 psi w/ ave rate of 24.8 BPM. ISIP 2216 psi. Open well to pit for immediate flowback. Well flowed for 6 hrs. & died. Recovered 350 bbls. SWIFN. 1934 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2027

Starting oil rec to date: \_\_\_\_\_

Fluid lost/recovered today: 93

Oil lost/recovered today: \_\_\_\_\_

Ending fluid to be recovered: 1934

Cum oil recovered: \_\_\_\_\_

IFL: \_\_\_\_\_ FFL: \_\_\_\_\_

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: GB2 sds down csg

1596 bbls to Techni-Hib &amp; crosslink

1500 gals of pad

1149 gals w/ 1-4 ppg of 20/40 sand

2672 gals w/ 4-6.5 ppg of 20/40 sand

Flush w/ 3885 gals of slick water

COSTS

BJ Services

CD Trucking

NPC fuel gas

Lone Wolf WL

Weatherford tools

NPC Supervision

NPC flowback hand

NDSI Trucking

NDSI water &amp; truck

Unichem chemicals

Monk's pit reclaim

NPC surface equip

NPC location cleanup

DAILY COST: \$0

Max TP: 2715 Max Rate: 24.8 bpm Total fluid pmpd: 257 bbls

Avg TP: 2455 Avg Rate: 24.8 bpm Total Prop pmpd: 16,234#

ISIP: 2216 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ F.G. .99

Completion Supervisor: Don Dulen

TOTAL WELL COST: \$0

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

7 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/24/2007

Day: 3

Operation: Completion

Rig: NDSI #3

WELL STATUS

Surf Csg: 8-5/8' @ 322'

Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_

Prod Csg: 5-1/2" @ 6010'

Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_

Csg PBTD: 5953' WL

BP/Sand PBTD: 4040'

CBP @ 4190', 4920', 5120'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	3980-3986'	4/24			
GB4 sds	4064-4070'	4/24			
GB4 sds	4080-4086'	4/24			
B.5 sds	4804-4816'	4/48			
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/21/2007

SITP: \_\_\_\_\_ SICP: \_\_\_\_\_

MIRU NDSI #3. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag @ 3980'. RU powerswivel & pump C/O to CBP @ 4040'. Circulate well clean. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1934

Starting oil rec to date: \_\_\_\_\_

Fluid lost/recovered today: 0

Oil lost/recovered today: \_\_\_\_\_

Ending fluid to be recovered: 1934

Cum oil recovered: \_\_\_\_\_

IFL: \_\_\_\_\_ FFL: \_\_\_\_\_

Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

COSTS

NDSI #3

Weatherford BOP

B&amp;L tbg.

NPC Construction

NDSI water disposal

Mtn. West sanitation

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

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

Completion Supervisor: Don Dulen

## NEWFIELD



## DAILY COMPLETION REPORT

ATTACHMENT G-1

8 of 9

WELL NAME: Ashley Federal 4-27-9-15

Report Date: 9/25/2007

Day: 4

Operation: Completion

Rig: NC #3

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 6010' Csg PBTD: 5985'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 5985'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	3980-3986'	4/24			
GB4 sds	4064-4070'	4/24			
GB4 sds	4080-4086'	4/24			
B.5 sds	4804-4816'	4/48			
A1 sds	5008-5016'	4/32			
LODC sds	5420-5430'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/24/2007 SITP: SICP:

OWU. 0 psi on tbg & csg. Tag Plg @ 4040'. No new fill. Drill out Plg. TIH w/ tbg to fill @ 4175'. Clean out fill & drill out Plg @ 4190'. TIH w/ tbg to fill @ 4900'. Clean out fill & drill out Plg @ 4920'. TIH w/ tbg to fill @ 5045'. Clean out fill & drill out Plg @ 5120'. TIH w/ tbg to fill @ 5895'. Clean out fill to PBTD @ 5985'. CWC. TOH w/ 3-jts 2 7/8. EOT @ 5985'. RU sandline to swab. IFL @ surface. Made 17 swab runs & recovered 200 bbls water w/ no sand & trace oil. FFL @ 2700'. SDFD.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1934

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 1934

Cum oil recovered:

IFL: \_\_\_\_\_ FFL: \_\_\_\_\_

Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

COSTS

NC #3

Weatherford BOP

Mt West Sanitation

4-Star power swivel

NPC trucking

NDSI trucking

Circ head rubber

Rocky Mt TOC

NPC supervision

CDI TA

CDI SN

CDI rod pump

DAILY COST: \$0

TOTAL WELL COST: \$0

Completion Supervisor: Bill Lough



**ATTACHMENT H**  
**WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 3930'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 185' balance plug using 26 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 47 sx Class "G" cement down 5 1/2" casing to 373'

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

# ATTACHMENT H-1

## Ashley 4-27-9-15

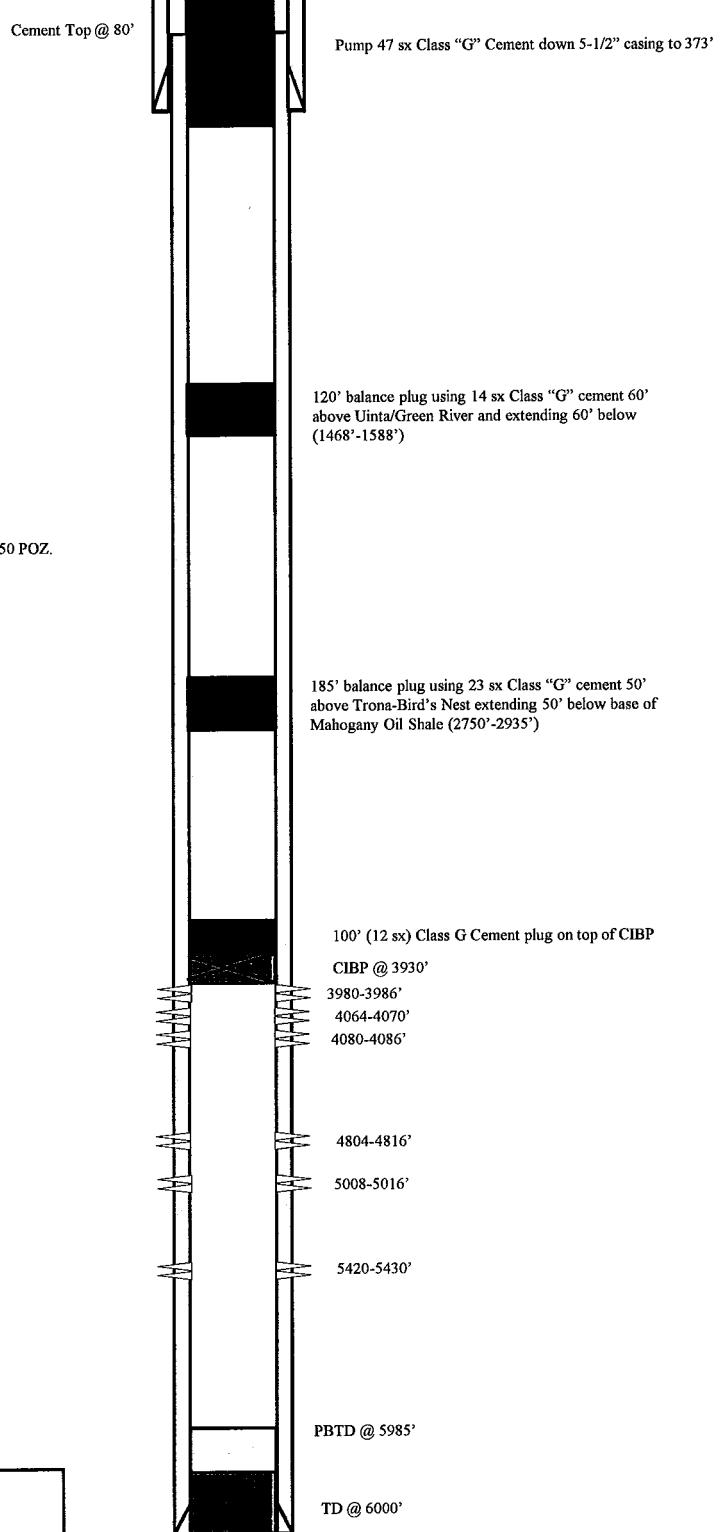
Spud Date: 8-25-07  
 Put on Production: 9-25-07  
 GL: 6560' KB: 6572'

Initial Production: 56.4 BOPD,  
 25.0 MCFD, 34.3 BWPD

### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.91')  
 DEPTH LANDED: 322.81  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt



**NEWFIELD**

Ashley 4-27-9-15  
 492' FNL & 529' FWL  
 NWNW Section 27-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32770; Lease #66185

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-407

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9  
SOUTH, RANGE 15 EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST,  
DUCESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East  
API 43-013-32834

Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East  
API 43-013-32770

West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range 16 East  
API 43-013-32288

Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East  
API 43-013-33061

Federal 9-13T-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32954

Federal 4-19-9-16 well located in NW/4 NW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33065

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 24<sup>th</sup> day of April, 2013.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 2-27-9-15, ASHLEY FEDERAL 4-27-9-15,  
WEST POINT 14-8-9-16, FEDERAL 16-8-9-16,  
FEDERAL 9-13T-9-16, FEDERAL 4-19-9-16**

**Cause No. UIC-407**

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

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

*Jean Sweet*



# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

April 24, 2013

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

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



## Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

**Cindy Kleinfelter** <classifieds@ubstandard.com>  
To: Jean Sweet <jsweet@utah.gov>

Wed, Apr 24, 2013 at 4:08 PM

On 4/24/2013 2:20 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.

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 Division of Oil, Gas and Mining  
801-538-5329

This will go in April 30.

Thanks

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 24, 2013

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

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



## Legal Notice

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

Wed, Apr 24, 2013 at 4:41 PM

AD# 875164  
Run Trib/DNews - 4/26  
Cost \$317.48  
Thank you  
Mark

**OrderConf.pdf**  
153K

**Order Confirmation for Ad #0000875164-01**

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114

Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juiliecarter@utah.gov	Jean	mfultz

**Total Amount** **\$317.48**

**Payment Amt** **\$0.00**

<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
--------------------	---------------	-------------------

<b>Amount Due</b>	<b>\$317.48</b>	0	0	1
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**Payment Method** PO Number UIC-407

**Confirmation Notes:**

Text: Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	3.0 X 62 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices

**Scheduled Date(s):** 4/26/2013

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices

**Scheduled Date(s):** 4/26/2013

<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices

**Scheduled Date(s):** 4/26/2013

<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com

**Scheduled Date(s):** 4/26/2013

**Order Confirmation  
for Ad #0000875164-01**Ad Content Proof Actual Size

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

The Salt Lake Tribune

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DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 <b>MAY 01 2013</b> P.O. BOX 145801 SALT LAKE CITY,      UT 84114	9001402352	4/26/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER#
8015385340	0000875164 /
SCHEDULE	
Start 04/26/2013	End 04/26/2013
CUST. REF. NO.	
UIC-407	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH	
SIZE	
62 Lines	3.00 CO
TIMES	
4	R
MISC. CHARGES	
	AD CH
	TOTAL 873164
317.48	

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-407 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.

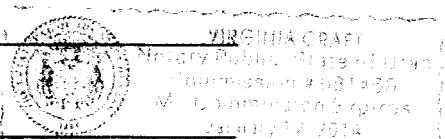
PUBLISHED ON

Start 04/26/2013

End 04/26/2013

SIGNATURE

4/26/2013



VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission #0813955  
Notary Public since 2008  
January 17, 2014

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

## AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of April, 2013, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of April, 2013, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

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**Publisher**

Subscribed and sworn to before me on this

1 day of May, 20 13

by Kevin Ashby,

## Notary Public



**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC-407**

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

STATE OF UTAH  
IN THE MATTER  
OF THE APPLICATION  
FOR ADMINISTRA-  
TIVE APPROVAL  
OF CERTAIN WELLS  
LOCATED IN SEC-  
TION 27, TOWNSHIP  
9 SOUTH, RANGE  
15 EAST, AND SEC-  
TIONS 8, 13, AND  
19, TOWNSHIP 9  
SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH, AS  
CLASS II INJEC-  
TION WELLS.

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED  
IN THE ABOVE EN-  
TITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative ap-

5340. If such a protest or notice of intervention is received, a hearing will be scheduled

proval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument  
Butte Unit:  
Ashley Federal  
2-27-9-15 well located  
in NW 1/4 NE 1/4, Section

27, Township 9 South,  
Range 15 East  
API 43-013-32834  
Ashley Federal  
4-27-9-15 well located  
in NW 1/4 NW 1/4,  
Section 27, Township  
9 South, Range 15 East  
API 43-013-32770

West Point 14-8-  
9-16 well located in  
SE/4 SW/4, Section  
8, Township 9 South,  
Range 16 East  
API 43-013-32288

Federal 16-8-16  
well located in SE/4  
SE/4, Section 8, Township 9 South, Range 16  
East  
of the proceeding,  
file a written p  
or notice of inte  
tion with the Di  
within fifteen

API 43-013-33061  
Federal 9-13T-9-  
16 well located in  
NE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section  
13, Township 9 South,  
Range 16 East.  
API 43-013-32954  
Federal 4-19-9-16  
well located in NW $\frac{1}{4}$

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 4-27-9-15

**Location:** 27/9S/15E      **API:** 43-013-32770

**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 Bureau of Indian Affairs (BIA). The Federal Government (BLM) and the BIA 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 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,010 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,102 feet. A 2 7/8 inch tubing with a packer is proposed at 3,930 feet, but it will need to be adjusted lower. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 9 producing wells (one of which is the proposed injection well, primarily a gas producer), and 3 injection wells in the AOR. One of the producing wells is horizontally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2200 feet. Injection shall be limited to the interval between 3,898 feet and 5,985 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-27-9-15 well is 0.87 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,761 psig. The requested maximum pressure is 1,761 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 4-27-9-15**

**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: 5/9/2013



**GARY R. HERBERT**  
*Governor*

**GREGORY S. BELL**  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
*Executive Director*

### Division of Oil, Gas and Mining

**JOHN R. BAZA**  
*Division Director*

May 23, 2013

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

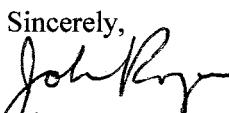
Subject: Greater Monument Butte Unit Well: Ashley Federal 4-27-9-15, Section 27, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32770

Gentlemen:

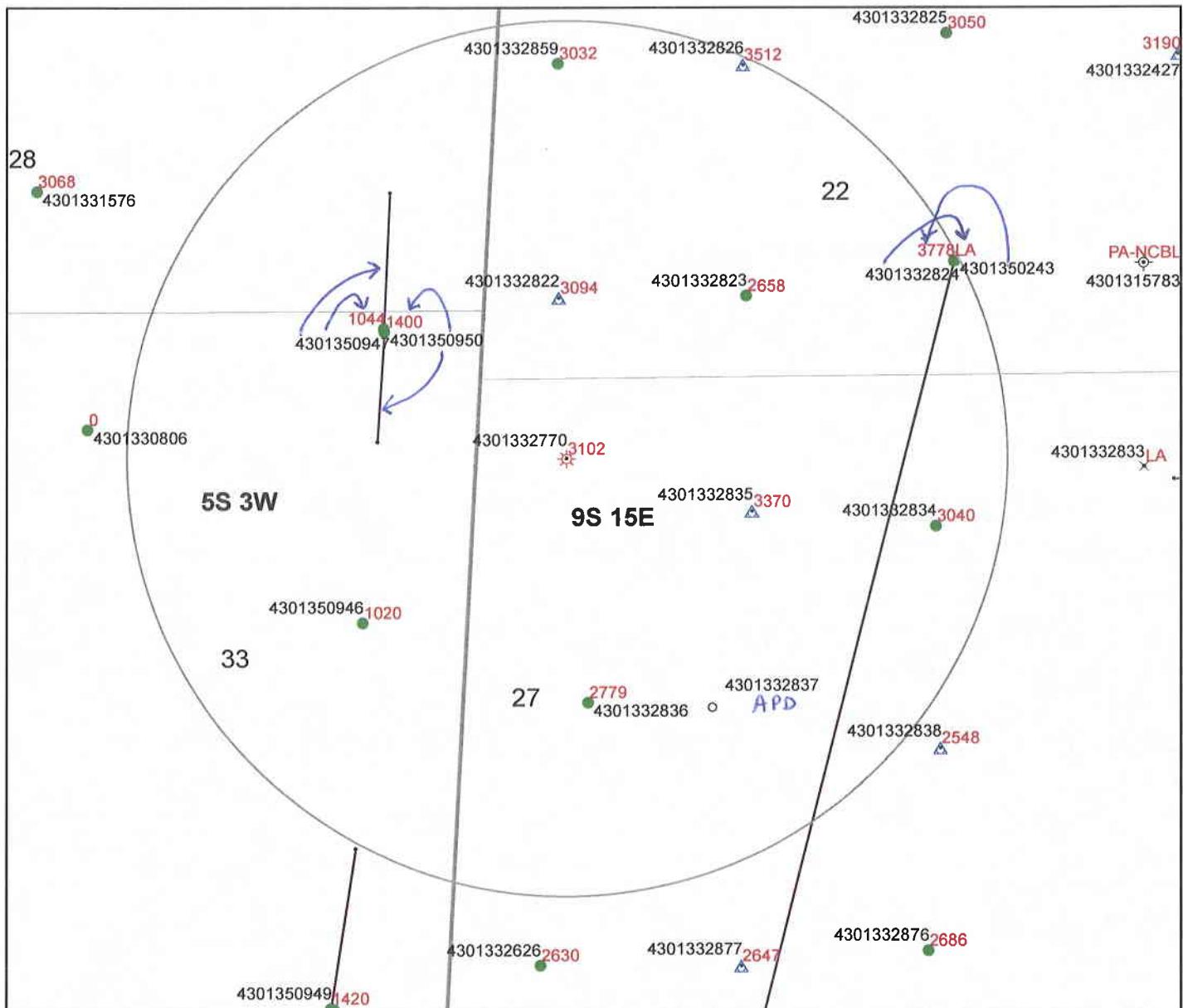
Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,898 feet in the Ashley Federal 4-27-9-15 well.

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

Sincerely,  
  
John Rogers  
Associate Director

JR/MLR/jb  
cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Ute Tribe  
Duchesne County  
Newfield Production Company, Myton  
Well File  
N:\O&G Reviewed Docs\ChronFile\UIC



### Legend

- Oil & Gas Well Type
- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ✗ TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- △ WIW-Water Injection Well
- WSW-Water Supply Well

**Cement Bond Tops**  
**Ashley Federal 4-27-9-15**  
**API #43-013-32770**  
**UIC-407.2**

0 0.05 0.1 0.2 0.3 0.4 Miles

N

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-ChltopsMaster 1-31-13

DNR Oil Gas Wells Buffer

County Boundaries

PLSS Sections

PLSS Townships



GARY R. HERBERT

*Governor*

SPENCER J. COX

*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA

*Division Director*

## UNDERGROUND INJECTION CONTROL PERMIT

**Cause No. UIC-407**

**Operator:** Newfield Production Company

**Well:** Ashley Federal 4-27-9-15

**Location:** Section 27, Township 9 South, Range 15 East

**County:** Duchesne

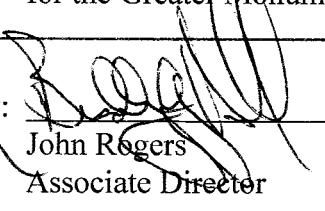
**API No.:** 43-013-32770

**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 23, 2013.
2. Maximum Allowable Injection Pressure: 1,761 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,898' – 5,985')
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

11-20-13

Date

JR/BGH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Ute Tribe

Jill Loyle, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

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

## Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 11/16/13 Time 11:30 am pmTest Conducted by: John -1 Daniels

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

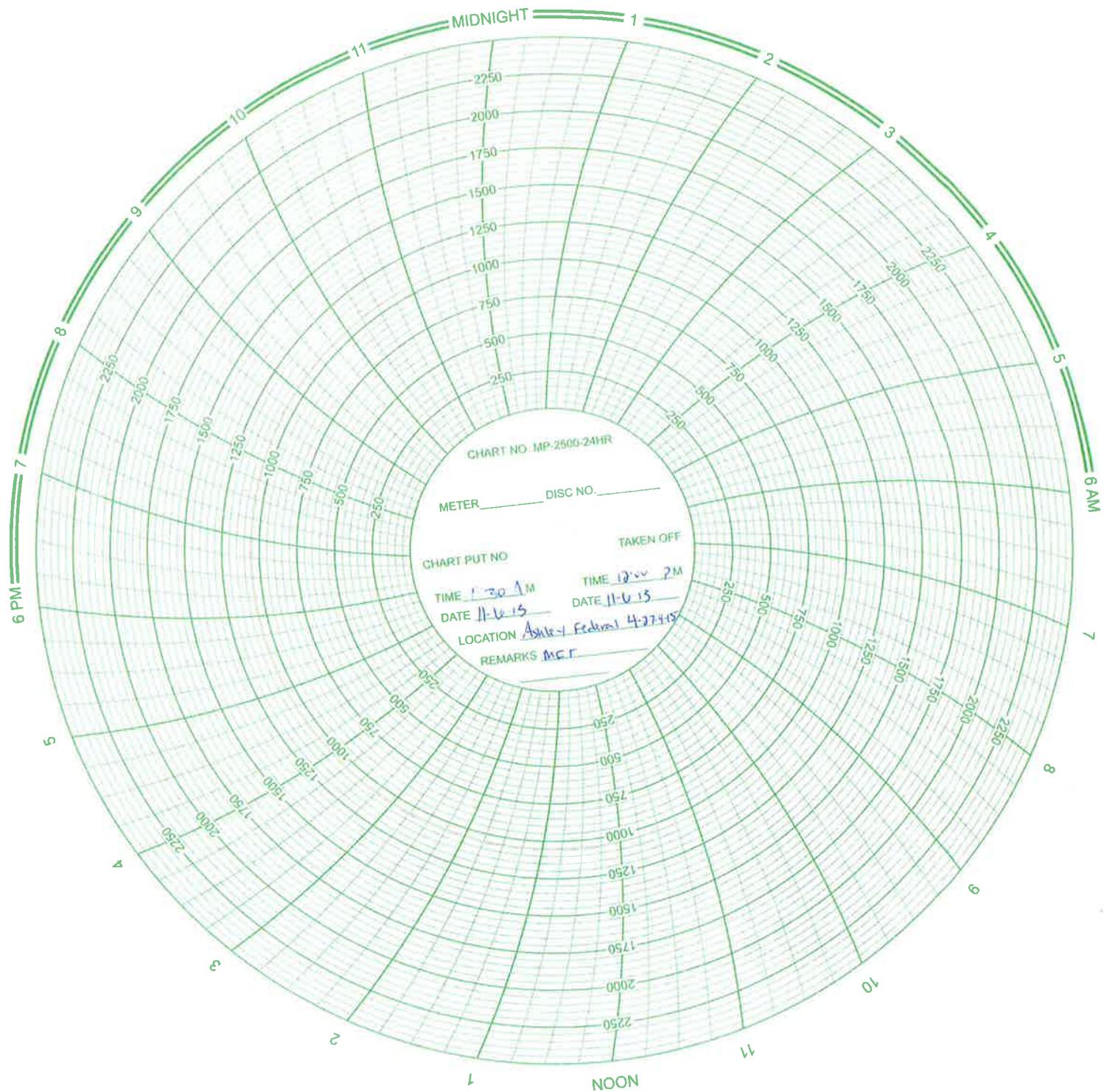
Well: Ashley Federal 4-27-9-15Field: Monument ButteWell Location: NW/NW (lot 11) sec. 27, T95, R15E API No: 4301332770  
Duchesne County, Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1055</u>	psig
5	<u>1055</u>	psig
10	<u>1055</u>	psig
15	<u>1055</u>	psig
20	<u>1055</u>	psig
25	<u>1055</u>	psig
30 min	<u>1055</u>	psig
35	<u>1055</u>	psig
40	<u>1055</u>	psig
45	<u>1055</u>	psig
50	<u>1055</u>	psig
55	<u>1055</u>	psig
60 min	<u>1055</u>	psig

Tubing pressure: 0 psigResult: Pass Fail

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

Signature of Person Conducting Test: John -1 Daniels



## Day 1

 <b>Final Daily Workover Report</b>		<b>Well Name:</b> ASHLEY 4-27-9-15 <b>AFF:</b> 42057 <b>Report Date:</b> 11/5/2013 <b>Operation:</b> PUMP 60 BW DOWN CSG RDPU PART RODS	
<b>INJCNV</b>			
<b>Field:</b>	GMBU CTB3	<b>Rig Name:</b>	
<b>Location:</b>	S27 T9S R15E	<b>Supervisor:</b>	David Cloward
<b>County:</b>	DUCHESNE	<b>Phone:</b>	435- 823-0012
<b>State:</b>	UT	<b>Email:</b>	dcloward@newfield.com
<b>Reason for Workover:</b>	Conversion		

## Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
8/31/2009	Mechanical Integrity	Tubing Failure	Hole in Tubing	Rod Cut Wear	

## Summaries

24 Hr. Summary:	X-OVER TO TBG EQUIP N DWH RELEASE TAC NU BOP RU TBG				
24 Hr. Plan Forward:	CONTINUE CONVERSION				
Incidents	None	Newfield Pers:	1	Contract Pers:	5 Conditions:

## Activity Summary

P: MIRU PUMP 60 BW DOWN CSG RDPU PART RODS @ 8000# OVER STRING WT BLOW HOLE IN TBG @ 3000 PSI FLUSH RODS W/ 40 BW WAIT FOR TRAILER TP LD RODS 11:00 LD 1-1/2X22 POLISH ROD, 2' 4" 8X3/4" PONYs, 98-4 PER 3/4", 66-SLK 3/4", 45-4 PER 3/4", 6-1-1/2 WT BARS, & PARTED PULL ROD FLUSHED 1 MORE TIME W/ 30 BW 2:00 X/OVER TO TBG EQIP INDW RELEASE TAC NU BOP RU TBG EQUIP FLUSH TBG W/ 30 BW 3:30 TOOH TALLING TBG BREAKING INSPECTING & GREEN DOPING EVERY CONNECTION w/ 40 JTS 2- 7/8" J-55 TBG SWI 5:00 SDN

### Activity Summary

P: FLUSH TBG W/ 30 BW CONT TOOH TALLING TBG, BRESKING, INSPECTING, & GREEN DOPING EVERY CONNECTION W/84 MORE JTS 2-7/8" J-55 TBG LD 46 JTS, 5-1/2" TAC, 1 JT, SN 2 JTS. NC 11:15 TIH W/ 2-3/8 WL ENTRY GUIDE, 2-3/8 XN NIPPLE W/ 1.875 PROFILE, 2-3/8" TBG SUB, 2-3/8X2-7/8 X/OVER, 5-1/2" AS-IX PKR, ON-OFF TOOL, 2-7/8" SN, 124 JTS 2-7/8" J-55 TBG 1:25 PUMP 20 BW DROP SV PSI TEST TBG TO 3,000 PSI W/20 BW 12:50- 2:40 GOT GOOD TEST HAD TO PSI BACK UP 2 TIMES RU & RIH W/ SAND LINE REST SV POOH & RD SANDLINE 3:00 RD TBG EQUIP ND BOP SET PKR @ 3943' FOR 15,000# tension, sn @ 3937', xn nipple @ 3.951', EOT @ 3935' -27' ABOVE TOP PERF LAND TBG W/ INJECTION TREE MIX 20 GALL PKR FLUID W/ 60 BBLs FRESH WATER PSI TEST CSG TO 1,500 PSI W/ 52 BBLs 3:40- 4:30 -GOOD TEST- RD RIG READY TO ROAD IN AM.

## Activity Summary

**11:30 AM - 12:00 PM; 0.5 Hr(s); P:** On 11/06/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013 the casing was pressured up to 1055 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.

### Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		322									
Production	5 1/2"	15.5	J-55	LTC		6010				80'					

## Tubing Data

Component	ITS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0		12'			
TBG	124	2-7/8"		J-55		3925.1	12.0	3937.05'	B		
Seating Nipple	1	2-7/8"		J-55		1.1	3937.1	3938.15'	A		
ON OFF TOOL	1	2-7/8"				1.8	3938.2	3939.96'	A		
Packer	1	5 1/2"				7.0	3940.0	3946.91'	A		
X/OVER	1	2-7/8"				0.5	3946.9	3947.41'	A		
TBG SUB	1	39481		J-55		4.1	3947.4	3951.53'	A		
X/N NIPPLE	1	39481		J-55			3951.5	3951.53'	A		1.875 PROFILE
WL ENTRY GUIDE	1	39481		J-55		0.4	3951.5	3951.91'	A		

### Rod Detail Data

Spud Date: 8-25-07  
 Put on Production: 9-25-07  
 GL: 6560' KB: 6572'

SURFACE CASING  
 CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.91')  
 DEPTH LANDED: 322.81'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING  
 CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 157 jts. (5997.02')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6010.27'  
 CEMENT DATA: 300 sk Prem, Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 80'

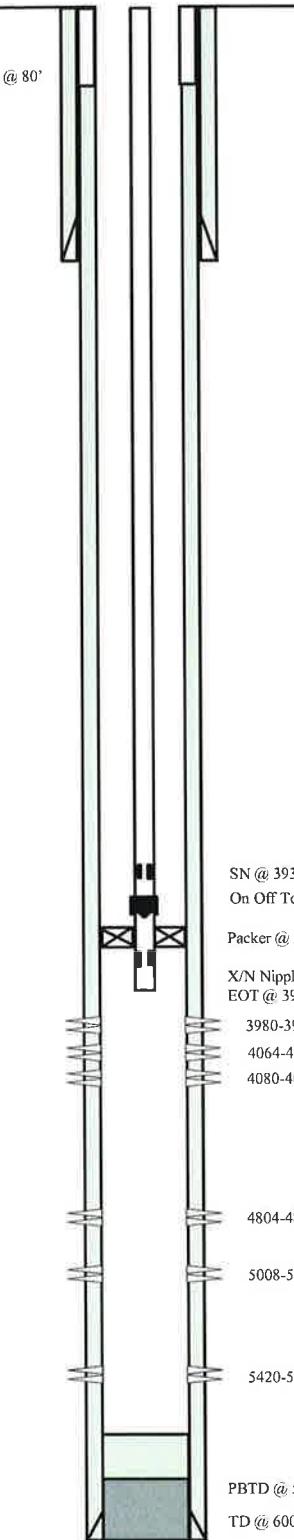
TUBING  
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 124 jts (3925.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 3937.1' KB  
 ON/OFF TOOL AT: 3938.2'  
 ARROW #1 PACKER CE AT: 3943.3'  
 XO 2-3/8 x 2-7/8 J-55 AT: 3946.9'  
 TBG PUP 2-3/8 J-55 AT: 3947.4'  
 X/N NIPPLE AT: 3951.5'  
 TOTAL STRING LENGTH: EOT @ 3951.91'



## Ashley 4-27-9-15

Initial Production: 56.4 BOPD,  
 25.0 MCFD, 34.3 BWPD

### Injection Wellbore Diagram



### FRAC JOB

9-17-07	5420-5430'	<b>Frac LODCsands as follows:</b> 25028# 20/40 sand in 364 bbls Lightning 17 fluid. Treat at 2220psi @ 24.8 BPM. ISIP 21755 psi. Calc flush: 5418 gal. Actual flush: 4880 gal.
9-20-07	5008-5016'	<b>Frac A1 sands as follows:</b> 8989# 20/40 sand in 699 bbls Lightning 17 fluid. Treat at 2143 psi @ 24.7 BPM. ISIP 2385psi. Calc flush: 5006 gal. Actual flush: 4498 gal.
9-20-07	4804-4816'	<b>Frac B5 sands as follows:</b> Frac with 55137# 20/40 sand in 490 bbls Lightning 17 fluid. Treat at 1983 psi @ 24.8 BPM. ISIP 2124 psi. Calc flush: 4802 gal. Actual flush: 4284 gal.
9-20-07	4064-4086'	<b>Frac GB4 sand as follows:</b> Frac with 24052# 20/40 sand in 327 bbls Lightning 17 fluid. Treat at 2018 psi @ 24.8 BPM. ISIP 1787 psi. Calc flush: 4062 gal. Actual flush: 3557 gal.
9-20-07	3980-3986'	<b>Frac GB2 sand as follows:</b> Frac with 16234# 20/40 sand in 257 bbls Lightning 17 fluid. Treat at 2455 psi @ 24.8 BPM. ISIP 2216 psi. Calc flush: 3978 gal. Actual flush: 3885 gal.
		<b>Tubing Leak</b> . Updated rod & tubing details.
		<b>Convert to Injection Well</b>
		<b>Conversion MIT Finalized</b> – update tbg detail
		8/31/09
		11/05/13
		11/06/13

### PERFORATION RECORD

3980-3986'	4 JSFP	24 holes
4064-4070'	4 JSFP	24 holes
4080-4086'	4 JSFP	24 boles
4804-4816'	4 JSFP	48 holes
5008-5016'	4 JSFP	32 holes
5420-5430	4JSFP	40 holes

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185	
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>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-27-9-15	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013327700000	
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: 0492 FNL 0529 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH	
<b>11.</b> CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<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
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: <b>11/21/2013</b>	OTHER: <input type="text"/>		
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.</b> Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 12:30 PM on <b>11/21/2013</b> .			
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> <b>November 25, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/25/2013	

<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-66185	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<p>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.</p>		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>1. TYPE OF WELL:</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-27-9-15	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013327700000	
<b>3. ADDRESS OF OPERATOR:</b> 4 WATERWAY SQUARE PL STE 100, THE WOODLANDS, TX, 77380		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 492 FNL 529 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 27 Township: 9S Range: 15E Meridian: S		<b>COUNTY:</b> DUCESNE  <b>STATE:</b> UTAH	
<b>11.</b> CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input 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 checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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 type="text" value="5 YR MIT"/>
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.</b> Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 09/21/2018 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/27/2018 the casing was pressured up to 1055 psig and charted for 20 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 136 psig during the test. There was a State representative available to witness the test - Mark Reinbold.</p>			
<i>Accepted by the</i> <i>Utah Division of</i> <i>Oil, Gas and Mining</i> <b>FOR RECORD ONLY</b> October 02, 2018			
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Field Production Assistant
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/2/2018	

## Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company

Rt 3 Box 3630

Myton, UT 84052

435.646.3721

UDOGM Witness: MARK Reinbold Date: 9-27-2018 Time: 9:45 am pmTest Conducted By: EVERETT LINRUTH

Others Present:

Well Name:	<u>ASHLEY 4-27-9-15</u>		
Field:	<u>Monument Butte</u>		
Location:	<u>NW NW</u>	Sec: <u>27</u>	County: <u>Duchesne</u>
Operator:	<u>Newfield</u>		
Last MIT:	<u>11/6/2013</u>		
	Maximum Allowable Pressure:		<u>1761</u> psig

Is this a regulatory scheduled test?  Yes  No

Initial Test for Permit?  Yes  No

Test after well rework?  Yes  No

Well injection during test?  Yes  No If Yes, rate: \_\_\_\_\_ bpd

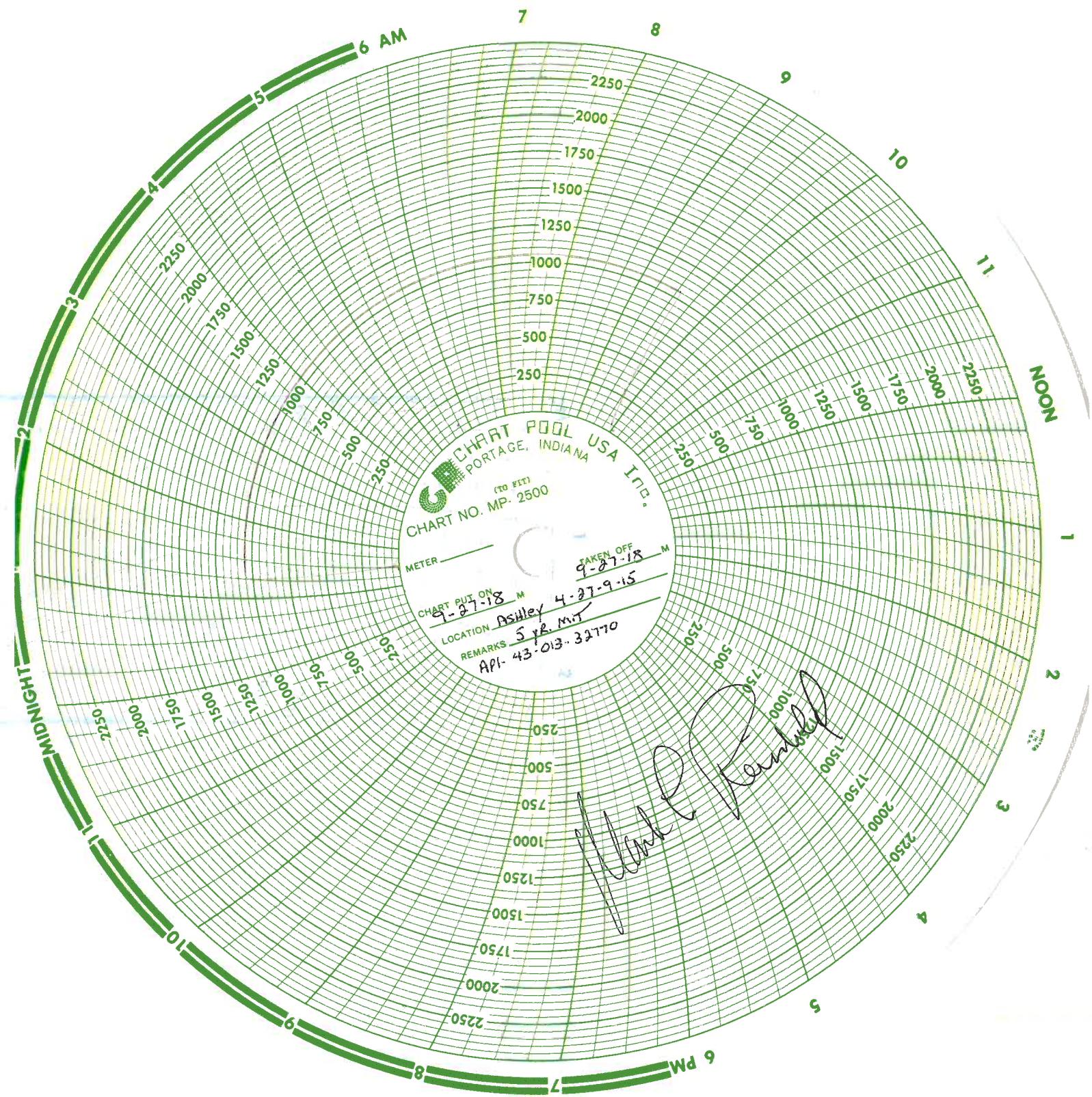
Pre-test casing / tubing annulus pressure: 0 / 140 psig

MIT DATA TABLE		Test #1	Test #2	
TUBING		PRESSURE		
Initial Pressure		<u>140</u> psig	psig	
End of test pressure		<u>136</u> psig	psig	
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		<u>1050</u> psig	psig	
5 minutes		<u>1050</u> psig	psig	
10 minutes		<u>1055</u> psig	psig	
15 minutes		<u>1055</u> psig	psig	
20 minutes		<u>1055</u> psig	psig	
25 minutes		<u>psig</u>	psig	
30 minutes		<u>psig</u>	psig	
minutes		<u>psig</u>	psig	
minutes		<u>psig</u>	psig	
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	
			<input checked="" type="checkbox"/> Fail	

Does the annulus pressure build back up after test?  Yes  No

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Mark L ReinboldSignature of Person Conducting Test: Everett Linruth



Effective Date:	1/24/2020
<b>FORMER OPERATOR:</b> Newfield Production Company	<b>NEW OPERATOR:</b> Ovintiv Production, Inc.
Groups: Greater Monument Butte	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 3/16/2020
2. Sundry or legal documentation was received from the **NEW** operator on: 3/16/2020
3. New operator Division of Corporations Business Number: 755627-0143

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020

Reports current for Production/Disposition & Sundries:

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

Surface Facility(s) included in operator change:

State 11-32 Pipeline  
Monument Butte St 10-36  
GB Fed 13-20-8-17  
Canvasback Fed 1-22-8-17  
Ashley Fed 8-14-9-15 Pipeline  
West Lateral 4C Slug Catcher (2-5-3-3)  
West Lateral Phase 5 Slug Catcher  
Bar F Slug Catcher  
Dart Slug Catcher  
Mullins Slug Catcher  
Temporary Produced Water Conditioning Site  
Dart Temporary Produced Water Facility  
Earl Temporary Water Treatment Facility

1/14/2021

12/21/2020

3/25/2020

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):

B001834.A  
107238142-Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on: 1/14/2021

Group(s) update in RDBMS on: 1/14/2021

Surface Facilities update in RBDMS on: 1/14/2021

Entities Updated in RBDMS on:

**COMMENTS:**

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

FORM 9

**SUNDY 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, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL.	OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list	
2. NAME OF OPERATOR:	Newfield Production Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
3. ADDRESS OF OPERATOR:	4 Waterway Square Place St	CITY	The Woodlands	STATE TX ZIP 77380	7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL				8. WELL NAME and NUMBER: see attached	
FOOTAGES AT SURFACE:				9. API NUMBER: attached	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:				10. FIELD AND POOL, OR WILDCAT: attached	

COUNTY:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
Approximate date work will start: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
Date of work completion: _____	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

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

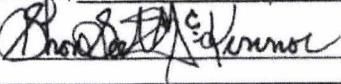
This sundy is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:

Newfield Producion Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:

Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon  
SIGNATURE 

TITLE Regulatory Manager, Rockies  
DATE 3/16/2020

(This space for State use only)

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

FORM 9

**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, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

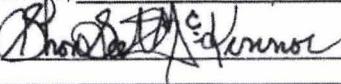
1. TYPE OF WELL	OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER see attached list	
2. NAME OF OPERATOR:	Newfield Production Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
3. ADDRESS OF OPERATOR:	4 Waterway Square Place St	CITY	The Woodlands	STATE TX ZIP 77380	7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL	FOOTAGES AT SURFACE:			8. WELL NAME and NUMBER: see attached	
				9. API NUMBER: attached	
				10. FIELD AND POOL, OR WILDCAT: attached	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION		
Approximate date work will start: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL		
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON		
Date of work completion: _____	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE		
	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION			

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:  
Newfield Production Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT)	Shon McKinnon	TITLE	Regulatory Manager, Rockies
SIGNATURE		DATE	3/16/2020

(This space for State use only)



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

UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage : QQ, Section, Township, Range:	County : State : UTAH Lease Designation and Number See Attached

EFFECTIVE DATE OF TRANSFER: 1/24/2020

**CURRENT OPERATOR**

Company: Newfield Production Company  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: (435) 646-4825

Comments:

Name: Shon McKinnon  
Signature:   
Title: Regulatory Manager, Rockies  
Date: 3/18/2020

**NEW OPERATOR**

Company: Ovintiv Production, Inc  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: (435) 646-4825

Comments:

Name: Shon McKinnon  
Signature:   
Title: Regulatory Manager, Rockies  
Date: 3/18/2020

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining



Mar 25, 2020

EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

Effective Date:	7/1/2021
FORMER OPERATOR:	NEW OPERATOR:
Ovintiv Production, Inc.	Ovintiv USA, Inc.

Groups: Greater Monument Butte

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689  
Pre-Notice Completed: 9/22/2021

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the FORMER operator on: 9/15/2021
2. Sundry or legal documentation was received from the NEW operator on: 9/15/2021
3. New operator Division of Corporations Business Number: 5053175-0143

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on:

9/15/2021

Reports current for Production/Disposition & Sundries:

9/22/2021

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

10/25/2021

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

10/4/2021

Surface Facility(s) included in operator change:

Monument Butte Liq. Cond.  
Pleasant Valley (New)  
West Lateral 4C Slug Catcher (2-5-3-3)  
West Lateral Phase 5 Slug Catcher  
Bar F Slug Catcher  
Dart Slug Catcher  
Mullins Slug Catcher  
Ashley  
Sundance  
Ranch  
Pleasant Valley  
Monument Butte  
Ashley Fed 8-14-9-15 Pipeline  
Ute Tribal 4-13-4-2W Pipeline  
State 11-32 Pipeline  
Monument Butte St 10-36  
GB Fed 13-20-8-17  
Canvasback Fed 1-22-8-17

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):

B001834-B  
107238142A

**DATA ENTRY:**

Well(s) update in the RBDMS on:

11/24/2021

Group(s) update in RDBMS on:

11/21/2021

Surface Facilities update in RBDMS on:

11/24/2021

Entities Updated in RBDMS on:

11/24/2021

**COMMENTS:**

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.

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

FORM 9

**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, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL	OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list	
2. NAME OF OPERATOR:	Ovintiv Production, Inc.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
3. ADDRESS OF OPERATOR:	4 Waterway SQ PL STE 100	CITY	The Woodlands	STATE TX ZIP 77380	7. UNIT or CA AGREEMENT NAME:
				8. WELL NAME and NUMBER:	
				9. API NUMBER:	
4. LOCATION OF WELL				10. FIELD AND POOL, OR WILDCAT:	

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
Approximate date work will start:  7/1/2021	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
Date of work completion:  _____	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NEW NAME:  
Ovintiv USA Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter TITLE Manager, US Regulatory Operations  
SIGNATURE Julia Carter DATE 9/8/2021

(This space for State use only)

**APPROVED**

By Utah Division of  
Oil, Gas, and Mining

Rachel Medina



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

UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage :	County :
QQ, Section, Township, Range:	Lease Designation and Number See Attached
State : UTAH	

EFFECTIVE DATE OF TRANSFER: 7/1/2021

**CURRENT OPERATOR**

Company: Ovintiv Production, Inc.  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: (281) 210-5100

Comments:

Name: Julia Carter  
Signature: Julia Carter  
Title: Manager, US Regulatory Operations  
Date: 9/8/2021

**NEW OPERATOR**

Company: Ovintiv USA Inc.  
Address: 4 Waterway Square Place Suite 100  
city The Woodlands state TX zip 77380  
Phone: (281) 210-5100

Comments:

Name: Julia Carter  
Signature: Julia Carter  
Title: Manager, US Regulatory Operations  
Date: 9/8/2021

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

Oct 04, 2021

EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

Effective Date:	9/1/2022
<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the <b>FORMER</b> operator on:	9/26/2022
2. Sundry or legal documentation was received from the <b>NEW</b> operator on:	9/26/2022
3. New operator Division of Corporations Business Number:	12607016-0161

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022

Reports current for Production/Disposition & Sundries: 10/19/2022

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022

Surface Facility(s) included in operator change: 10/19/2022

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):  
612402641-Blanket Bond  
612402460-Full-Cost Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023

Group(s) update in RDBMS on: 12/20/2022

Surface Facilities update in RBDMS on:

Entities Updated in RBDMS on: NA

1/25/2023

**COMMENTS:**

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

FORM 9

**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, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
2. NAME OF OPERATOR:	Scout Energy Management, LLC			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
3. ADDRESS OF OPERATOR:	13800 Montfort Road, Suite 1 <sub>CITY</sub> Dallas		STATE TX ZIP 75240	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
4. LOCATION OF WELL	FOOTAGES AT SURFACE: See attached Exhibit A			8. WELL NAME and NUMBER: See attached Exhibit A
				9. API NUMBER: Attached
				10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached Exhibit A

COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: \_\_\_\_\_

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
Approximate date work will start:  9/1/2022	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
Date of work completion:  _____	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Ovintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

PREVIOUS OPERATOR:

Ovintiv USA Inc.  
4 Waterway Square Place, Suite 100  
The Woodlands, Texas 77380

NEW OPERATOR:

Scout Energy Management, LLC  
13800 Montfort Road, Suite 100  
Dallas, TX 75240

Signature - Christian C. Sizemore  
Director, Rockies and Land Innovation  
State/Fee Bond #105189977  
BLM Bond #105073466

Signature - Todd Flott  
Managing Director  
State/Fee Bond #612402460 / #61242461  
BLM Bond #612402462

NAME (PLEASE PRINT) Todd Flott

TITLE Managing Director

SIGNATURE Todd Flott

DATE 8/31/2022

(This space for State use only)

(See Instructions on Reverse Side)

**APPROVED**

*By Rachel Medina at 10:58 am, Dec 21, 2022*



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number see attached list	API Number attached
Location of Well	Field or Unit Name see attached Exhibit A
Footage :	County : see attached
QQ, Section, Township, Range:	State : UTAH Lease Designation and Number see attached Exhibit A

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: Ovintiv USA Inc.  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: 281-210-5100

Comments: UIC wells under UDOGM Jurisdiction

Name: Christian C. Sizemore  
Signature:   
Title: Director, Rockies and Land Innovation  
Date: 11/16/2022

NEW OPERATOR

Company: Scout Energy Management LLC  
Address: 13800 Montford Road, Suite 100  
city Dallas state TX zip 75240  
Phone: 972-325-1027

Comments: Change of operator effective 9/1/2022

Name: Jon Piot  
Signature:   
Title: Managing Director  
Date: 11/15/2022

(This space for State use only)

EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185	
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 TRIBAL, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte	
2. NAME OF OPERATOR: Scout Energy Management, LLC		8. WELL NAME and NUMBER: Ashley Fed 4-27-9-15	
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240		9. API NUMBER: 43013327700000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 492 FNL 529 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 9S Range: 15E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input 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 checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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"/> APP EXTENSION  OTHER: <input type="text" value="MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A 5 YR MIT was performed on the above listed well. On 9/20/23 the casing was pressured up to 1302 PSIG and charted for 20 minutes with no pressure loss. The tubing was 131 PSIG during the test. State representative, Julie McMickell was present to witness the test.			
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> (This is not an approval) January 09, 2024			
NAME (PLEASE PRINT) Danene Harvey		PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst
SIGNATURE N/A		DATE 9/25/2023	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

Scout EP

1820 W Highway 40

Roosevelt, UT 84066

435.352.6282

Witness Julie McMickell Date: 9/20/2023 Time: 11:30 am pm  
 Test Conducted By: Kane Stevenson  
 Others Present: Stephen McKee 43-013-32770

Well Name:	<u>Ashley 4-27-9-15</u>		
Field:	<u>Monument Butte</u>	County:	<u>Duchesne</u>
Location:	<u>4</u>	Sec:	<u>27</u>
Operator:	<u></u>	T	<u>9</u>
Last MI	<u>/</u>	<u>/</u>	Maximum Allowable Pressure: <u>1761</u> psig

Is this a regulatory scheduled test?  Yes  No  
 Initial Test for Permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injection during test?  Yes  No      If Yes, rate: NA bpd

SI oct, 2020Pre-test casing / tubing annulus pressure: 0 / 122 psig

MIT DATA TABLE		Test #1	Test #2
<b>TUBING</b>			PRESSURE
Initial Pressure	<u>122</u>	psig	psig
End of test pressure	<u>131</u>	psig	psig
<b>CASING / TUBING</b>		<b>ANNULUS</b>	
0 minutes	<u>1302.4</u>	psig	psig
5 minutes	<u>1300.6</u>	psig	psig
10 minutes	<u>1298.6</u>	psig	psig
15 minutes	<u>1298.2</u>	psig	psig
20 minutes	<u>1297.2</u>	psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
minutes		psig	psig
minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass
			<input type="checkbox"/> Fail

Does the annulus pressure build back up after test?  Yes  No  
 Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Julie McMickell Julie A. McMickellSignature of Person Conducting Test: A. Kane Stevenson

Ashley 4-27-9-15  
9/20/2023 11:28:12 AM

