

NEWFIELD



October 28, 2005

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

RE: Applications for Permit to Drill: Ashley Federal 15-24-9-15, 16-24-9-15, 3-25-9-15, 6-25-9-15, 8-25-9-15, 9-25-9-15, 10-25-9-15, 15-25-9-15, and 16-25-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 15-24-9-15, 6-25-9-15, 8-25-9-15, and 10-25-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
OCT 31 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

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

5. Lease Serial No.  
UTU-02458

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

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

8. Lease Name and Well No.  
Ashley Federal 15-24-9-15

9. API Well No.  
43-013-32943

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SW/SE 358' FSL 1810' FEL 570252X 40.010230  
At proposed prod. zone 44290074 110.176890

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

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 358' f/lse, 1810' f/unit

16. No. of Acres in lease  
640.00

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1243'

19. Proposed Depth  
5770'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6105' GL

22. Approximate date work will start\*  
1st Quarter 2006

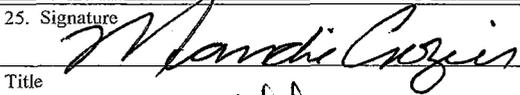
23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

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

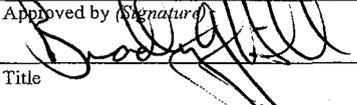
- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature   
Title Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Date  
10/28/05

Approved by   
Title ENVIRONMENTAL SCIENTIST III

Name (Printed/Typed)  
BRADLEY G. HILL  
ENVIRONMENTAL SCIENTIST III

Date  
11-02-05

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

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

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

**RECEIVED  
OCT 31 2005**

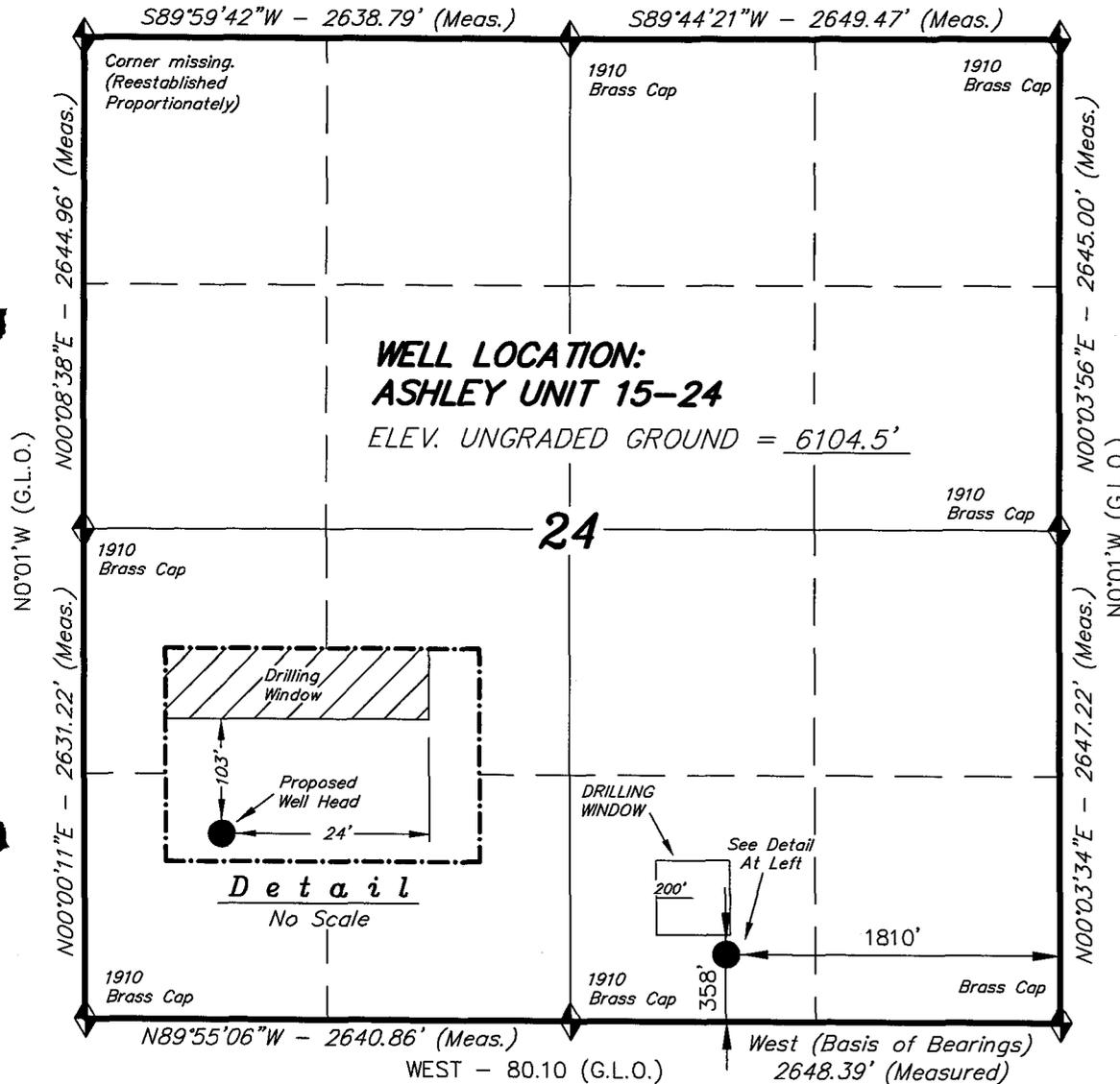
DIV. OF OIL, GAS & MINING

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

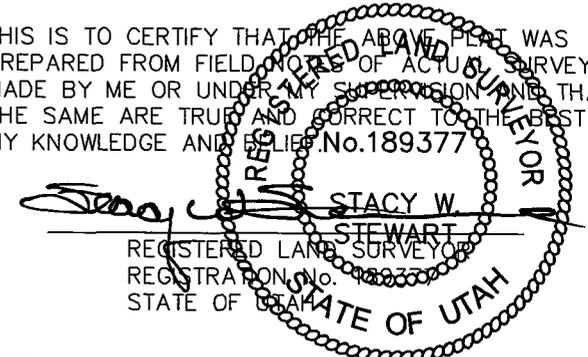
S89°56'W - 80.12 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 15-24,  
LOCATED AS SHOWN IN THE SW 1/4 SE  
1/4 OF SECTION 24, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 8-22-05	DRAWN BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

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

NEWFIELD PRODUCTION COMPANY  
ASHELY FEDERAL #15-24-9-15  
SW/SE SECTION 24, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2350'
Green River	2350'
Wasatch	5770'

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

Green River Formation 2350' - 5770' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #15-24-9-15  
SW/SE SECTION 24, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #15-24-9-15 located in the SW 1/4 SE 1/4 Section 24, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 12.0 miles  $\pm$  to its junction with the beginning of the proposed access road to the west; proceed southwesterly along the proposed access road 2,830'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

For the Ashley Federal #15-24-9-15 Newfield Production Company requests a 1020' ROW be granted in Lease UTU-74391 and 1810' of disturbed area be granted in Lease UTU-02458 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 a 1020' ROW in Lease UTU-74391 and 1810' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1020' ROW in Lease UTU-74391 and 1810' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

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

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex Confertifolia</i>	3 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	4 lbs/acre
Winter Fat	<i>Ceratooides Lanata</i>	4 lbs/acre
Wyoming Big Sage		1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #15-24-9-15 was on-sited on 6/9/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-24-9-158 SW/SE Section 24, Township 9S, Range 15E: Lease UTU-02458 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.

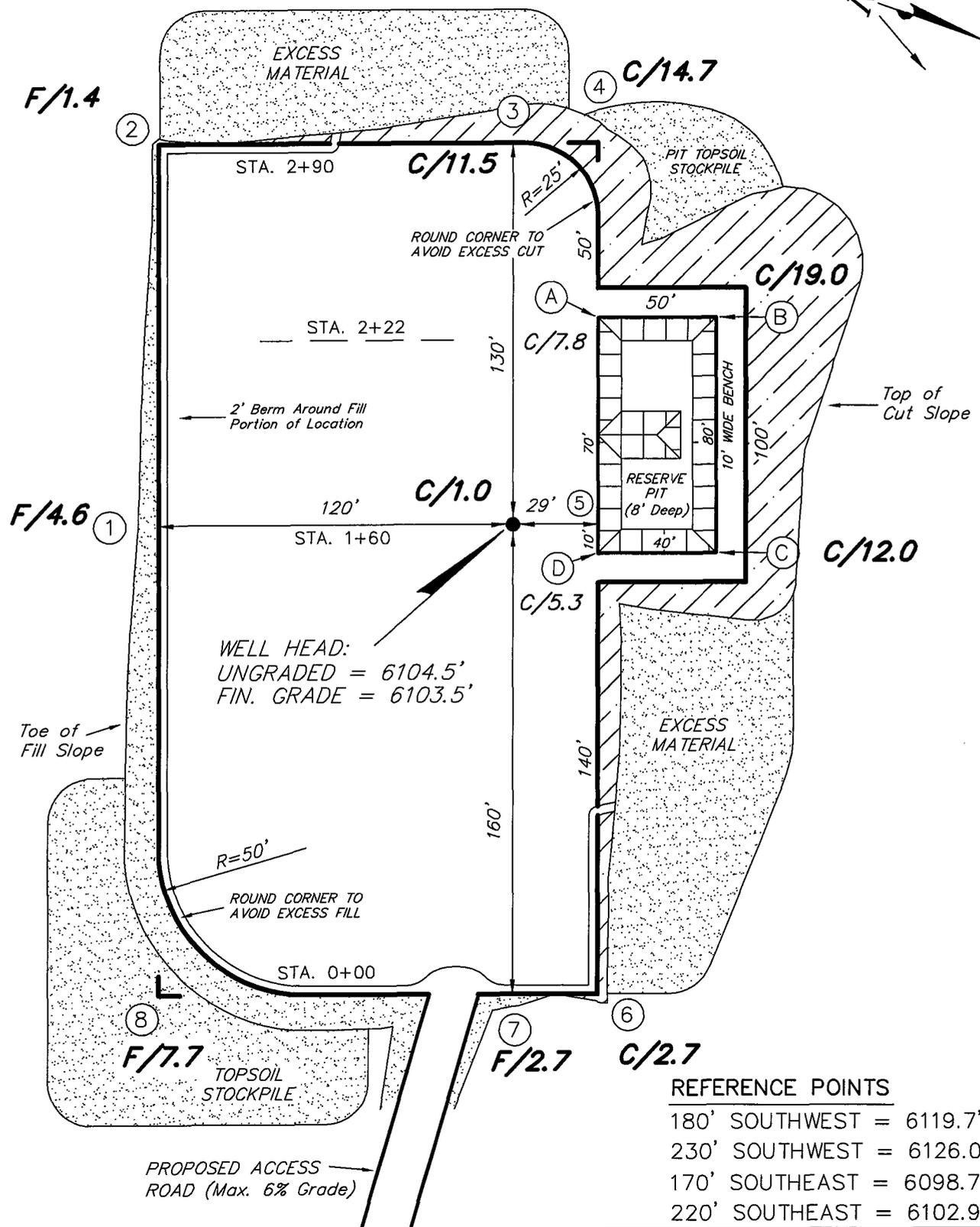
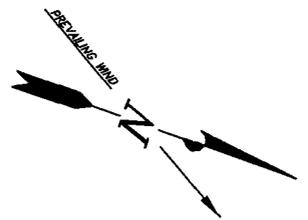
October 29, 2005  
Date

  
 Mandie Crozier  
 Regulatory Specialist  
 Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 15-24

Section 24, T9S, R15E, S.L.B.&M.



REFERENCE POINTS

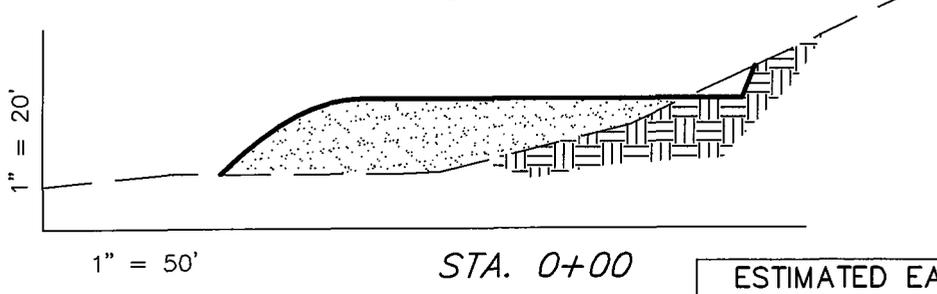
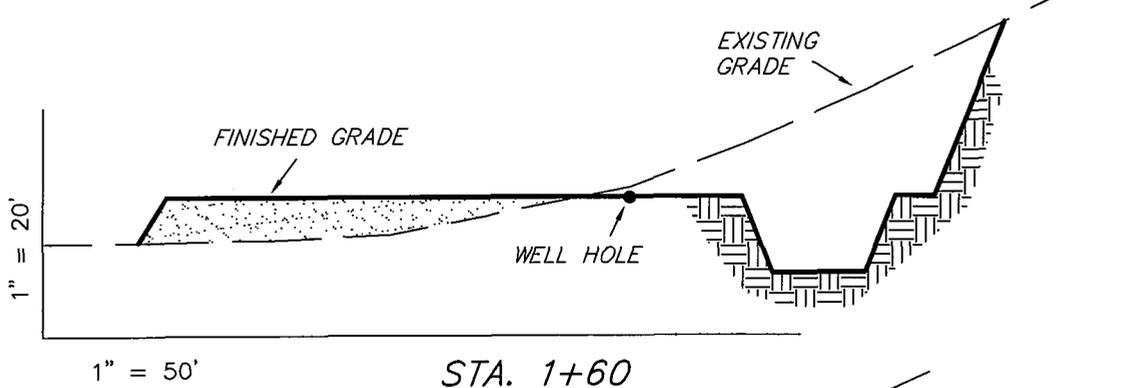
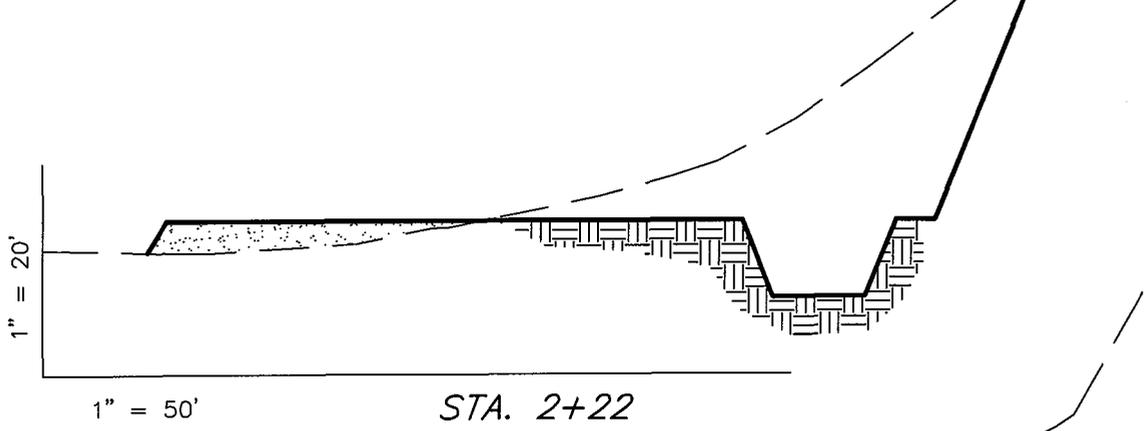
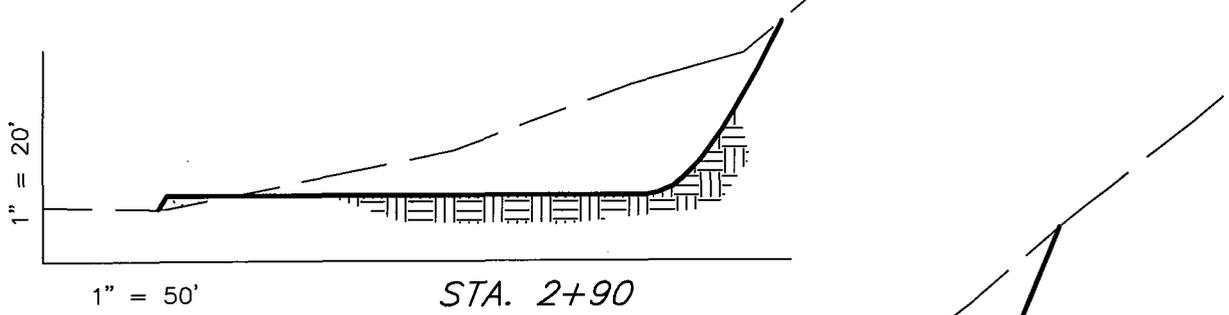
180' SOUTHWEST	= 6119.7'
230' SOUTHWEST	= 6126.0'
170' SOUTHEAST	= 6098.7'
220' SOUTHEAST	= 6102.9'

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-22-05

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS ASHLEY UNIT 15-24



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

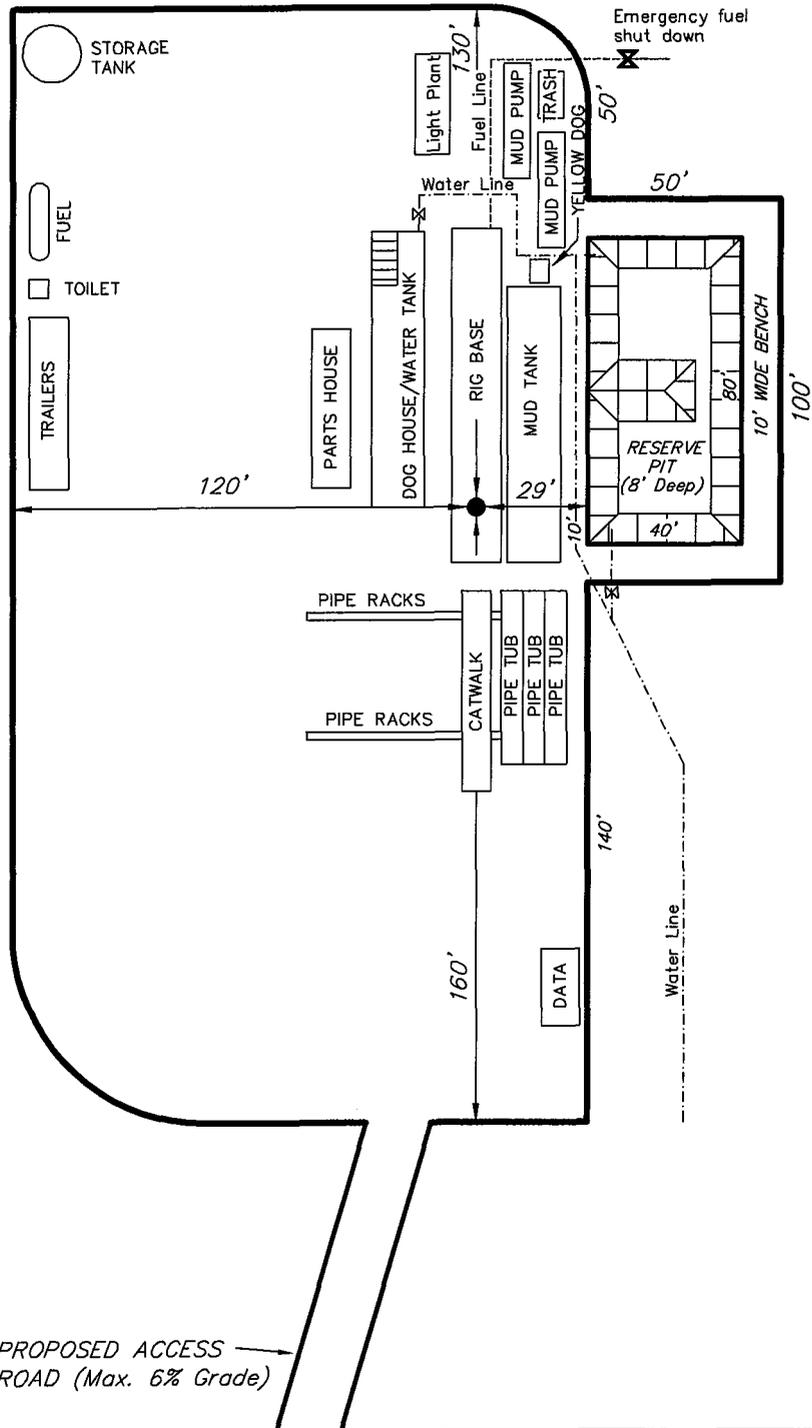
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,720	4,820	Topsoil is not included in Pad Cut	900
PIT	640	0		640
TOTALS	6,360	4,820	1,090	1,540

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

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-22-05

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

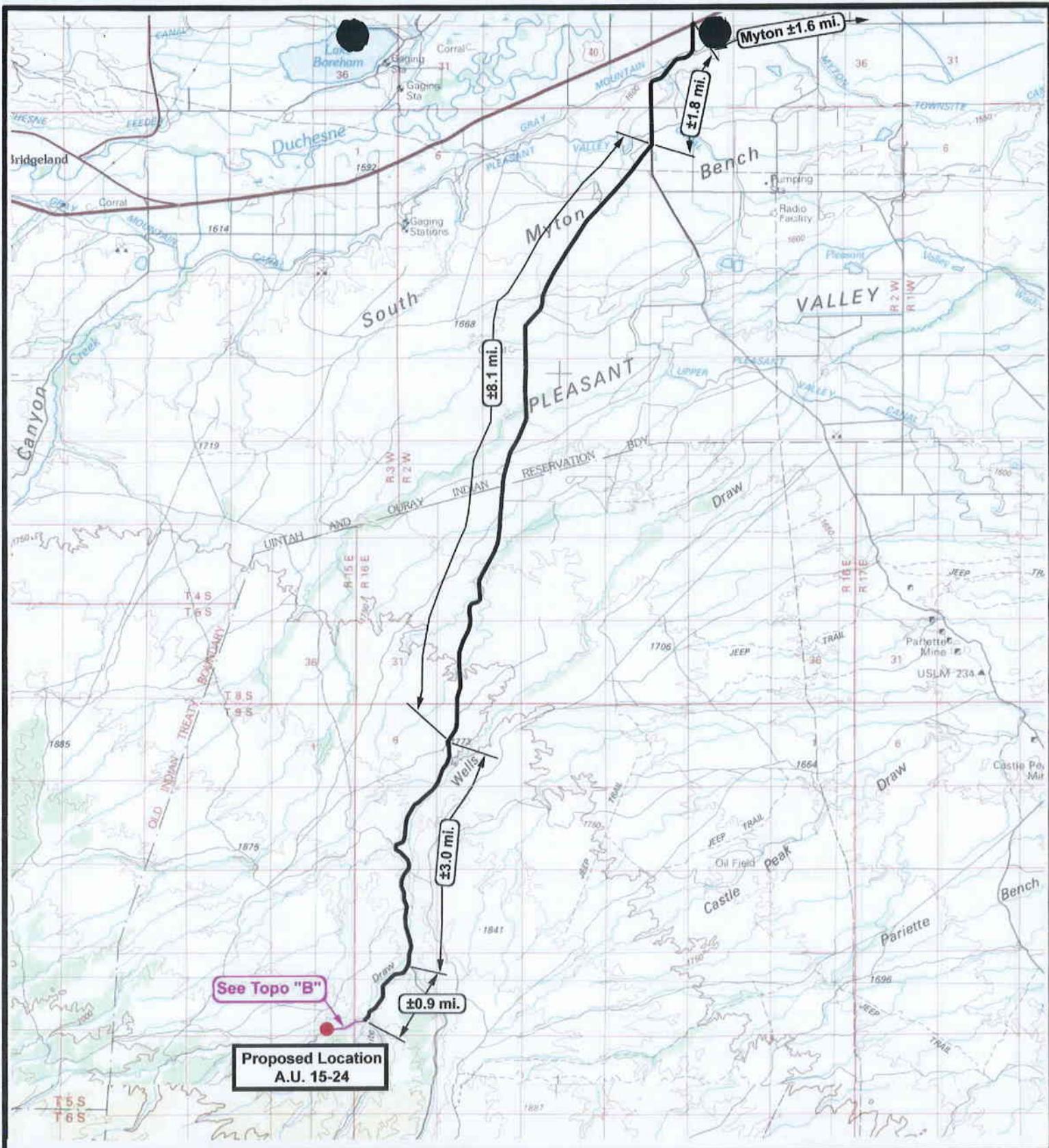
**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**ASHLEY UNIT 15-24**



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-22-05

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



See Topo "B"

Proposed Location  
A.U. 15-24

**NEWFIELD**  
Exploration Company

**Ashley Unit 15-24-9-15**  
**SEC. 24, T9S, R15E, S.L.B.&M.**



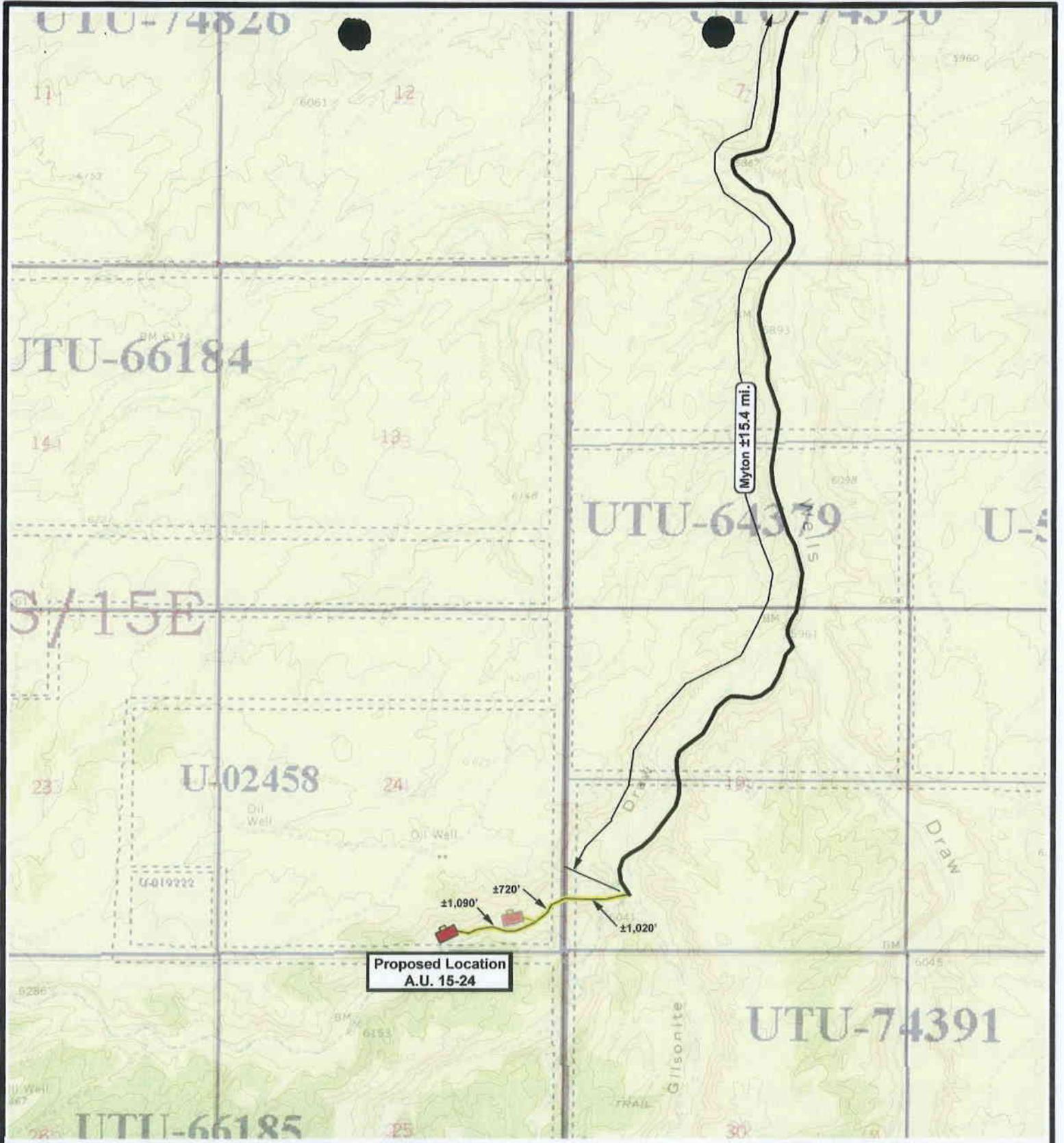
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 08-26-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Proposed Location  
A.U. 15-24**

**NEWFIELD**  
Exploration Company

**Ashley Unit 15-24-9-15  
SEC. 24, T9S, R15E, S.L.B.&M.**



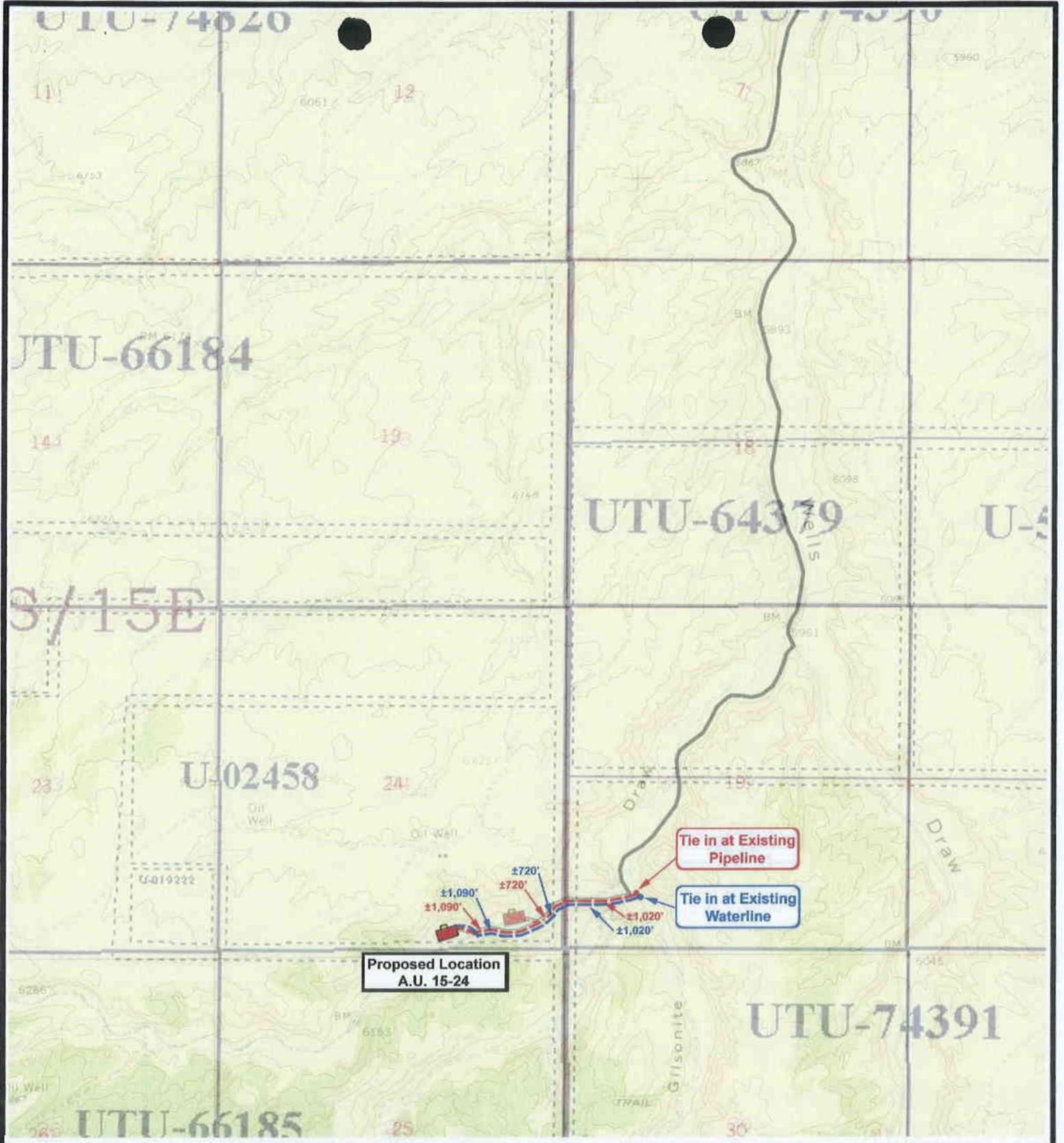
*Tri-State  
Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 08-26-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"B"**



 **NEWFIELD**  
Exploration Company

**Ashley Unit 15-24-9-15**  
**SEC. 24, T9S, R15E, S.L.B.&M.**



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

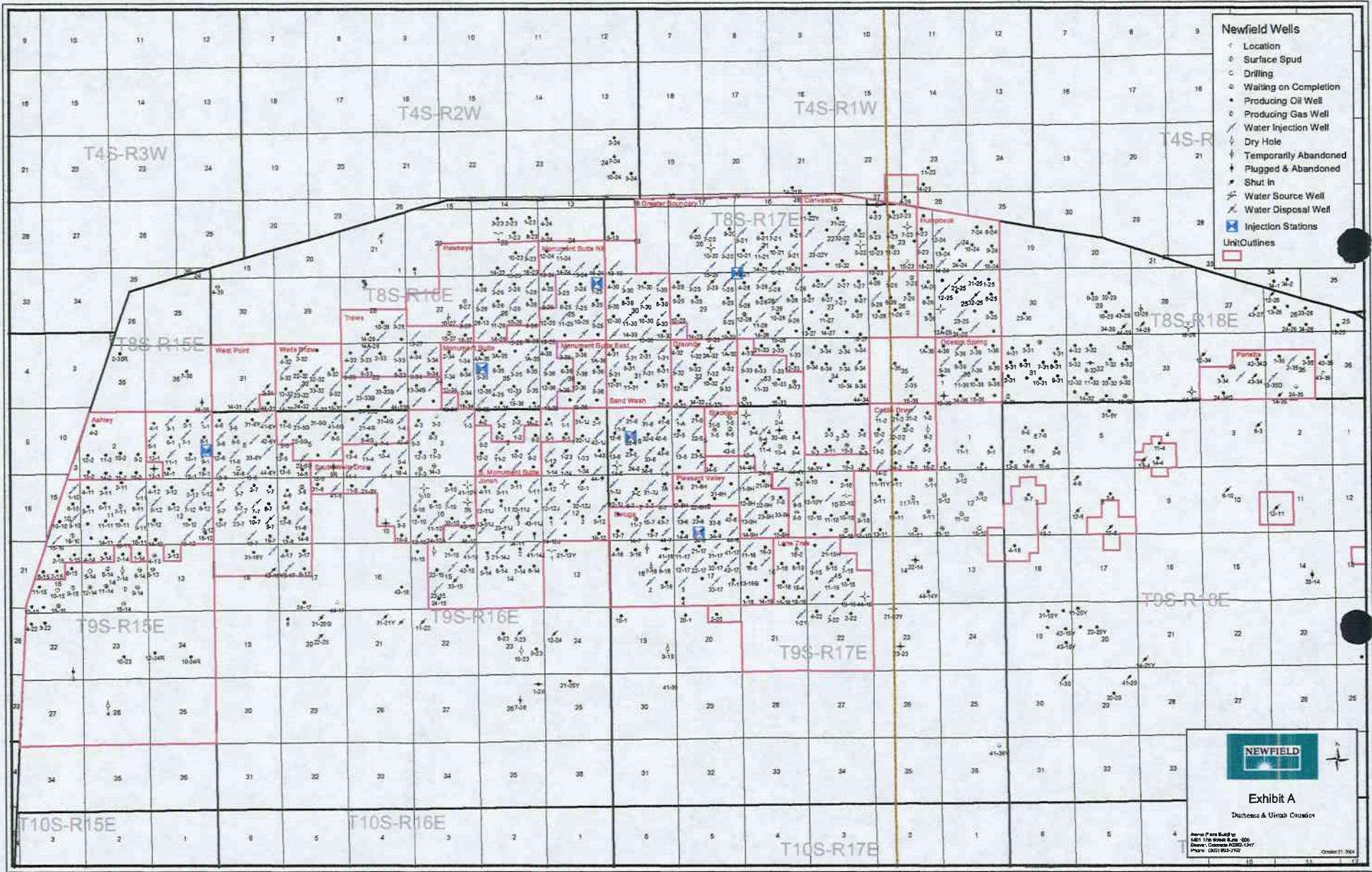
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 08-26-2005

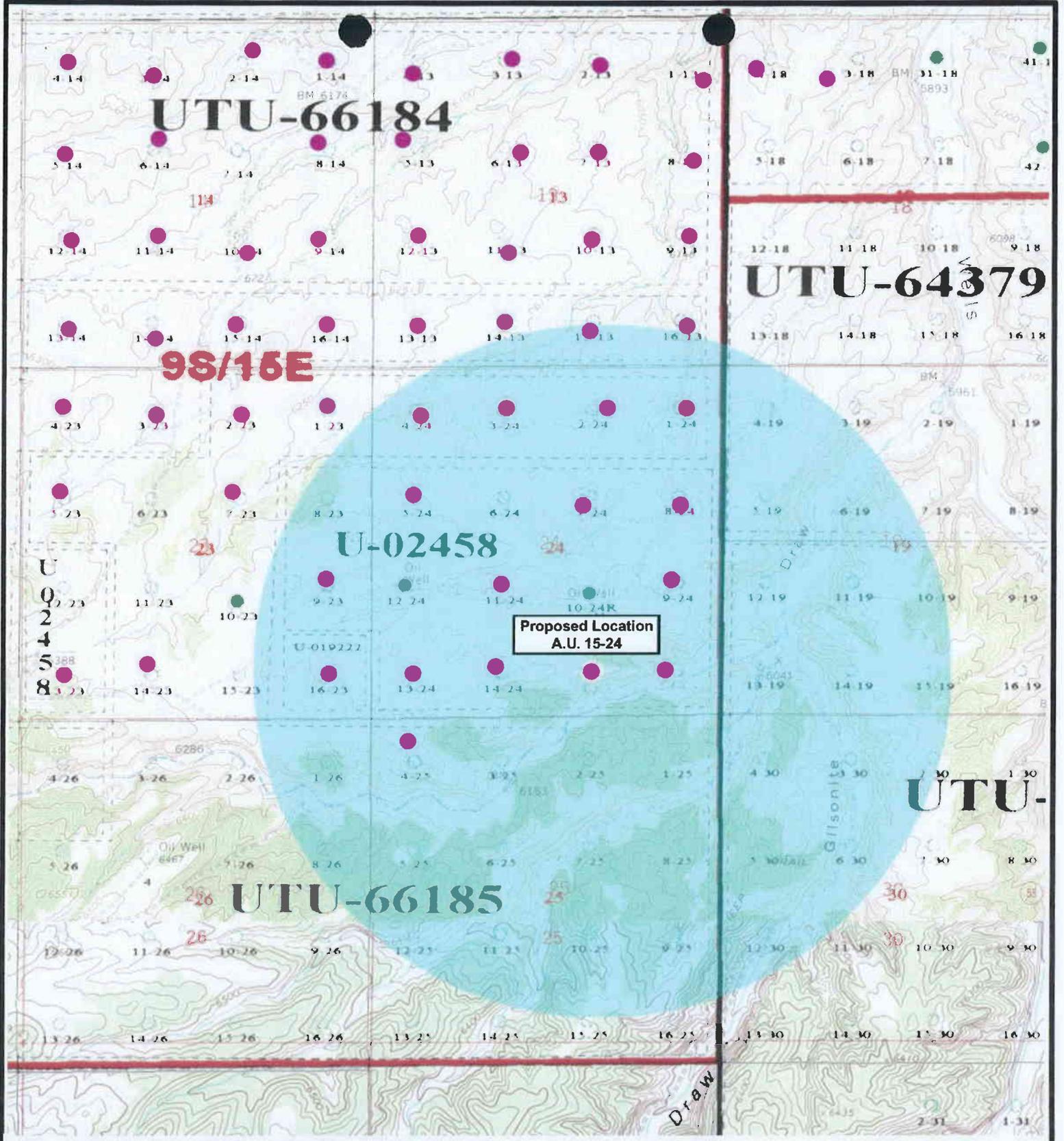
**Legend**

-  Existing Road
-  Proposed Access
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

**"C"**





**Proposed Location  
A.U. 15-24**



**NEWFIELD**  
Exploration Company

**Ashley Unit 15-24-9-15  
SEC. 24, 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: 08-26-2005

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

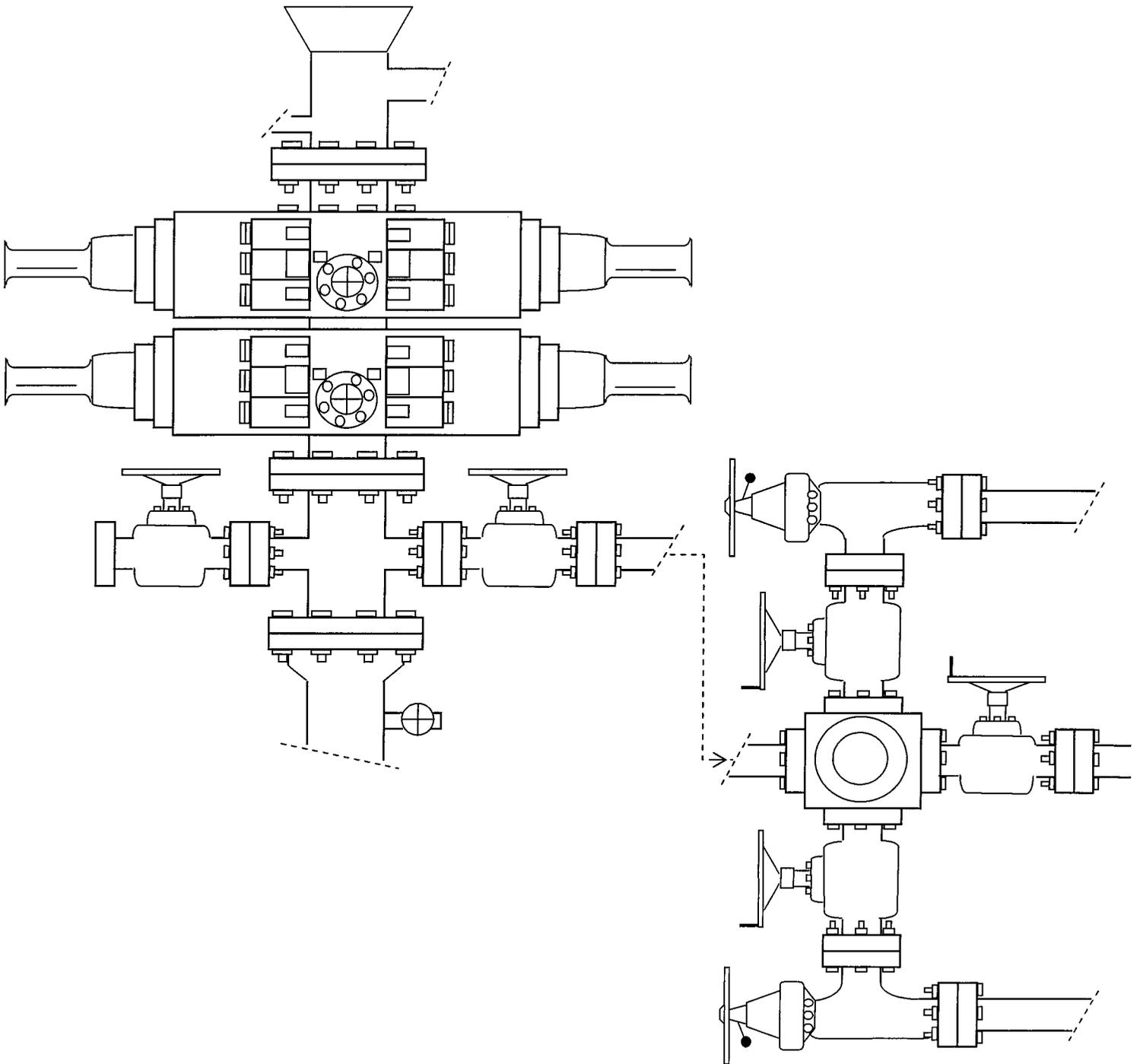


EXHIBIT C

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

By:

Christopher M Nicholson  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Inland Resources  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

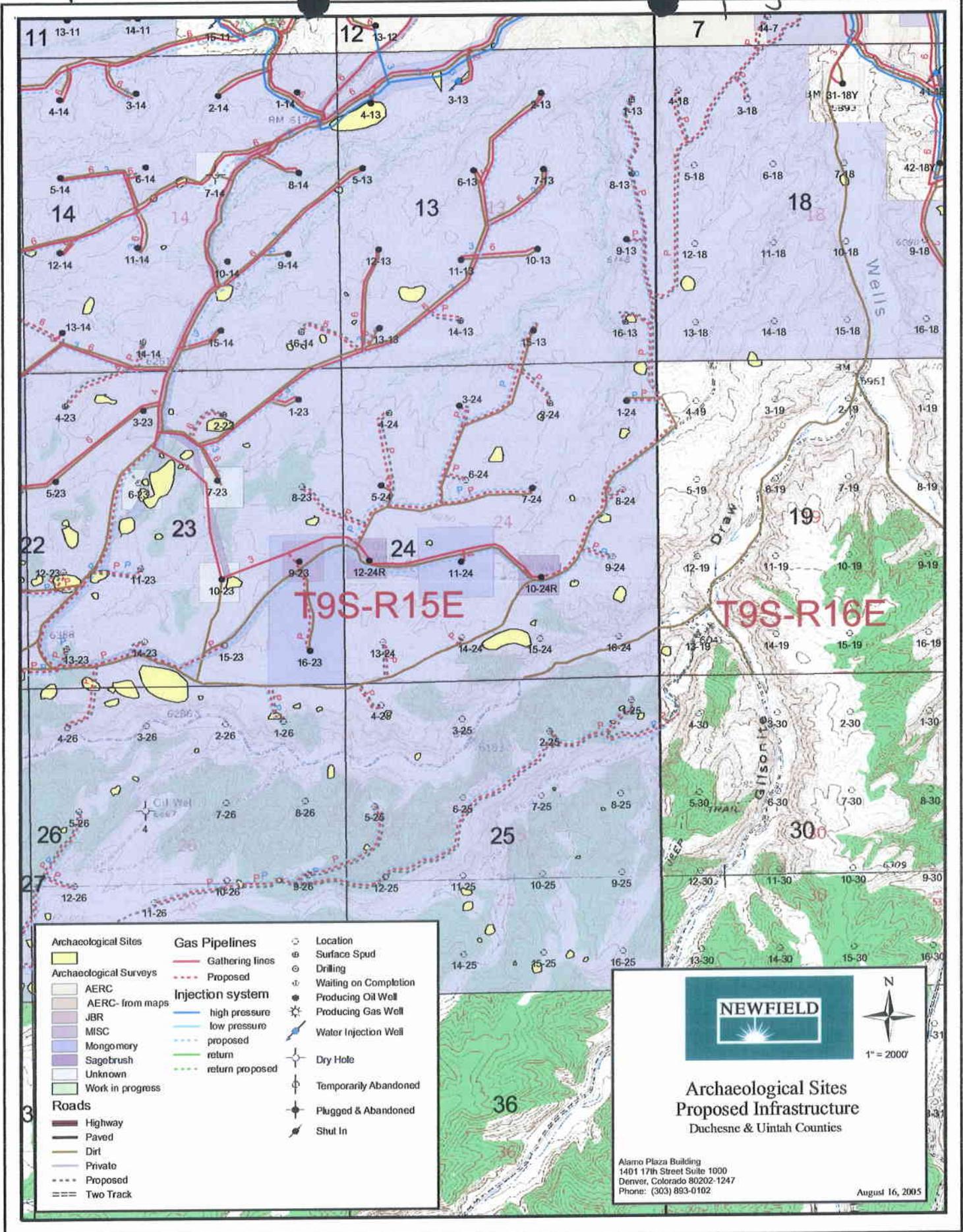
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 03-59

September 15, 2003

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

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



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



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

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

August 16, 2005

**INLAND RESOURCES, INC.**

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

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

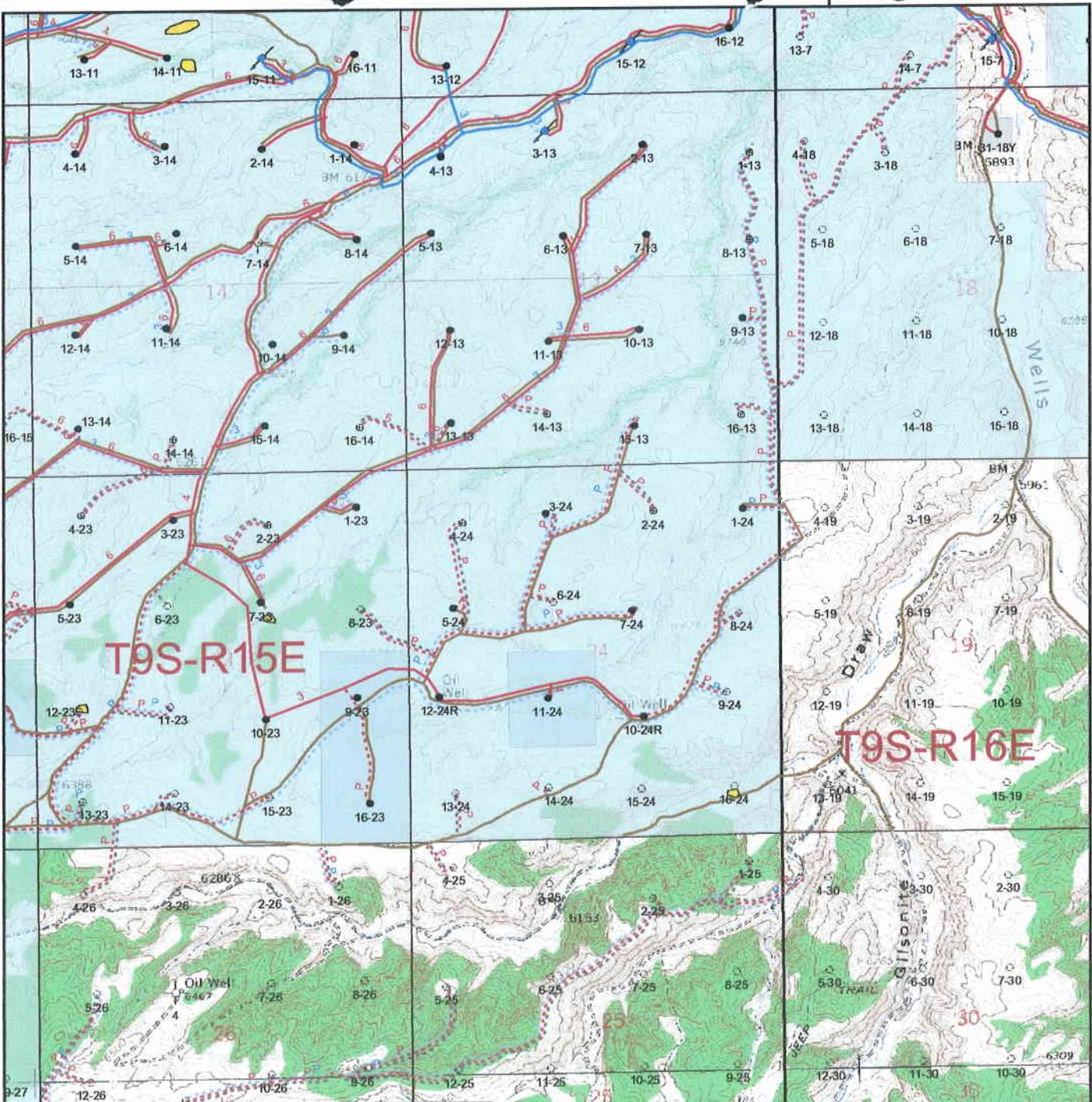
**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003



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



**NEWFIELD**



1" = 2000'

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

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 693-0102

July 16, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/31/2005

API NO. ASSIGNED: 43-013-32943
--------------------------------

WELL NAME: ASHLEY FED 15-24-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSE 24 090S 150E  
 SURFACE: 0358 FSL 1810 FEL  
 BOTTOM: 0358 FSL 1810 FEL  
 DUCHESNE  
 MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-02458  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

LATITUDE: 40.01023  
 LONGITUDE: -110.1769

RECEIVED AND/OR REVIEWED:

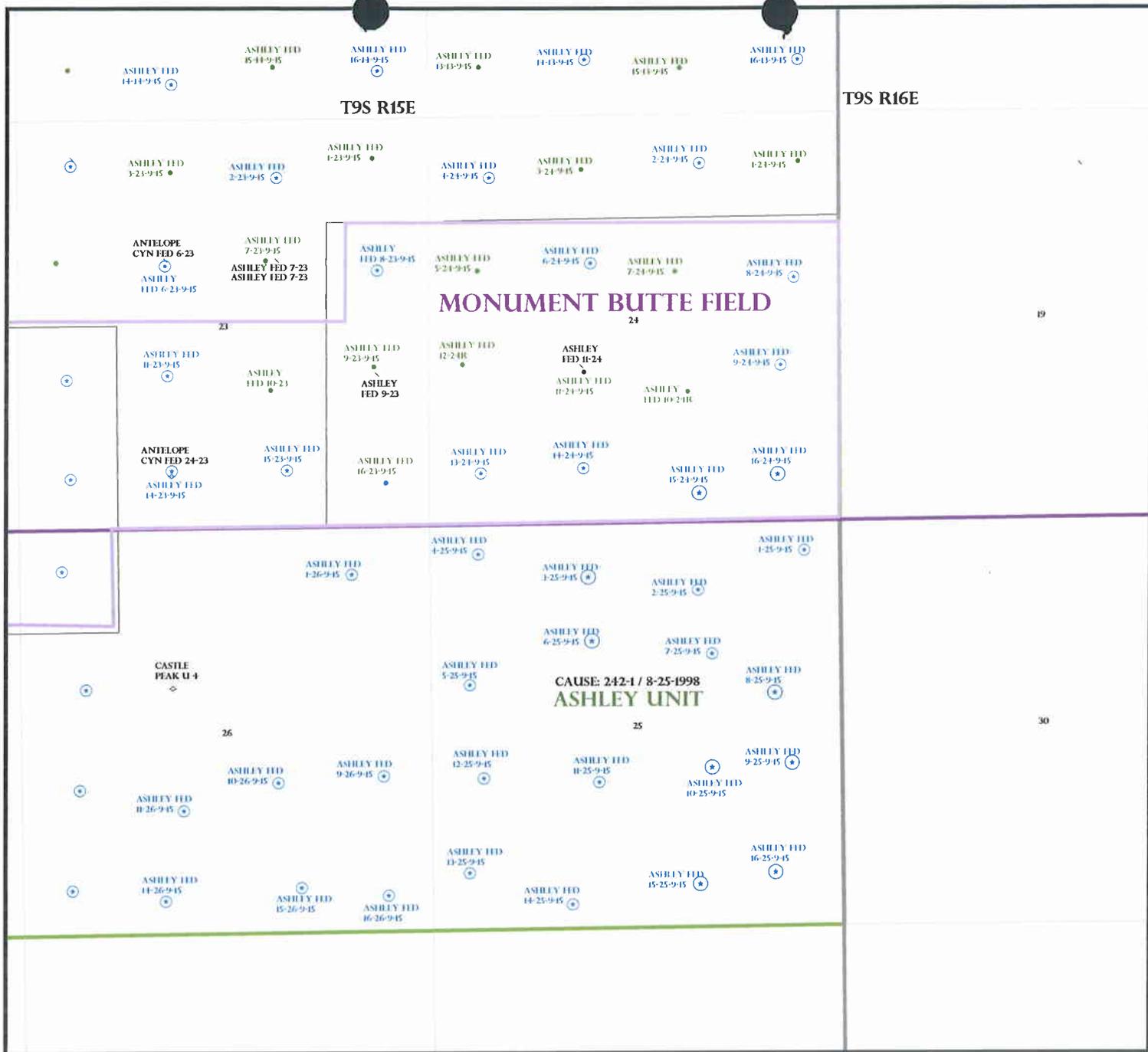
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit ASHLEY
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approved



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T. 9S R. 15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998

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

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

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



PREPARED BY: DIANA WHITNEY  
DATE: 1-NOVEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

November 2, 2005

### Memorandum

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

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

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32943	Ashley Fed 15-24-9-15 Sec 24 T09S R15E 0358 FSL 1810 FEL	
43-013-32944	Ashley Fed 16-24-9-15 Sec 24 T09S R15E 0590 FSL 0799 FEL	
43-013-32945	Ashley Fed 3-25-9-15 Sec 25 T09S R15E 0716 FNL 2029 FWL	
43-013-32946	Ashley Fed 6-25-9-15 Sec 25 T09S R15E 1546 FNL 2069 FWL	
43-013-32947	Ashley Fed 8-25-9-15 Sec 25 T09S R15E 2248 FNL 0857 FEL	
43-013-32948	Ashley Fed 9-25-9-15 Sec 25 T09S R15E 2121 FSL 0630 FEL	
43-013-32949	Ashley Fed 10-25-9-15 Sec 25 T09S R15E 2082 FSL 1661 FEL	
43-013-32950	Ashley Fed 15-25-9-15 Sec 25 T09S R15E 0570 FSL 1822 FEL	
43-013-32951	Ashley Fed 16-25-9-15 Sec 25 T09S R15E 0708 FSL 0850 FEL	

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:11-2-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 2, 2005

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

Re: Ashley Federal 15-24-9-15 Well, 358' FSL, 1810' FEL, SW SE, Sec. 24,  
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 43-013-32943.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production

Well Name & Number Ashley Federal 15-24-9-15

API Number: 43-013-32943

Lease: UTU-02458

Location: SW SE                      Sec. 24                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

RECEIVED

AUG 04 2006

DIV. OF OIL, GAS & MINING

RECEIVED

OCT 31 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-02458
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 15-24-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43rd13.32943
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 358' FSL 1810' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 24, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 358' /l/le, 1810' /l/unit	16. No. of Acres in lease 640.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1243'	19. Proposed Depth 5770'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6105' GL	22. Approximate date work will start* 1st Quarter 2006	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:

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandi Crozier	Date 10/28/05
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) JERRY KENCZKA	Date 7-28-2006
Title Assistant Field Manager Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

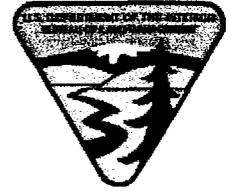
CONDITIONS OF APPROVAL ATTACHED

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



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

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



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

**Company:** Newfield Production Company      **Location:** SWSE, Sec. 24, T9S, R15E  
**Well No:** Ashley Federal 15-24-9-15      **Lease No:** UTU-02458  
**API No:** 43-013-32943      **Agreement:** Ashley Unit

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

**DRILLING AND CONSTRUCTION**

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit). Prevent fill and stock piles from entering drainages.

**CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.**

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation

measures shall be made by the authorized officer after consulting with the holder.

The access road shall be crowned and ditched. Flat-bladed roads are **NOT** allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

#### INTERIM RECLAMATION

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheatgrass	<i>Agropyron cristatum</i>	4 lbs/acre	
		Per Live Seed Total	4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

#### COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (**see attached well stipulations for color specific to each well**). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

#### ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia spp* or shrubs broadcast seed and chain.

Final reclamation shall be a stage process.

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

No drilling or construction from April 1 through July 15 to protect nesting prairie falcons.  
Color: Olive Black

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

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

- None

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

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

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

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 15-24-9-15

Api No: 43-013-32943 Lease Type: FEDERAL

Section 24 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 09/06/06

Time 2:00 PM

How DRY

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

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 09/06/06 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1. Type of Well  
 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)  
 Section TR S-24 T09S R15E

5. Lease Serial No.  
UtU-02458

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

7. If Unit or CA/Agreement, Name and/or  
 ASHLEY PA A

8. Well Name and No.  
 ASHLEY 15-24-9-15

9. API Well No.  
 4301332943

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTE

11. County or Parish, State  
 , 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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 type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____
			Spud Notice _____

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

On 9/6/06 MIRU NDSI NS # 1. Spud well @ 2:00 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.15 KB On 9/8/06 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

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

Signature Alvin Nielsen

Title  
 Drilling Foreman

Date  
 09/08/2006

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

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

Office \_\_\_\_\_

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)

**RECEIVED**  
**SEP 13 2006**  
 DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **8 5/8** \_\_\_\_\_ CASING SET AT \_\_\_\_\_ **323.15** \_\_\_\_\_

LAST CASING **8 5/8"** set @ **323.15**  
 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 15-24-9-15**  
 FIELD/PROSPECT **Monument Butte**  
 CONTRACTOR & RIG # **NDSI NS # 1**

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.22'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.3
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.15
TOTAL LENGTH OF STRING		313.15	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>323.15</b>
TOTAL		311.3	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.3	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	9/6/2006	2:00 PM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		9/7/2006	10:30 AM	Bbls CMT CIRC TO SURFACE <u>3</u>			
BEGIN CIRC		9/8/2006	12.11 PM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		9/8/2006	12:25 PM				
BEGIN DSPL. CMT		9/8/2006	12:34 PM	BUMPED PLUG TO <u>708</u> PSI			
PLUG DOWN		9/8/2006	12:41 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Alvin Nielse DATE 9/8/2006

RECEIVED

SEP 13 2006

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

DIV. OF OIL, GAS & MINING

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
					Q2	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32943	ASHLEY FEDERAL 15-24-9-15	SW/SE	15	9S	15E	DUCHESNE	09/06/06	9/14/06
WELL 1 COMMENTS: GRRV											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32908	ASHLEY FEDERAL 15-26-9-15	SW/SE	15	9S	15E	DUCHESNE	09/08/06	9/14/06
WELL 1 COMMENTS: GRRV											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
A	99999	15633	43-013-33032	FEDERAL 9-17-9-16	NE/SE	17	9S	16E	DUCHESNE	09/10/06	9/14/06
WELL 1 COMMENTS: GRRV											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
A	99999	15634	43-013-33031	FEDERAL 8-17-9-16	SE/NE	17	9S	16E	DUCHESNE	09/12/06	9/14/06
WELL 1 COMMENTS: GRRV											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
A	99999	15635	43-013-33028	FEDERAL 1-17-9-16	NE/NE	17	9S	16E	DUCHESNE	09/13/06	9/14/06
WELL 5 COMMENTS: GRRV											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

*Lana Nebeker*  
Signature LANA NEBEKER

Production Analyst

September 13, 2006  
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.

5. Lease Serial No.  
**UTU- 02453**

6. If Indian, Allottee or Tribe Name.

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

7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA A

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
ASHLEY 15-24-9-15

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

9. API Well No.  
4301332943

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

3b. Phone (include are code)  
435.646.3721

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**358 FSL 1810 FEL SW1SE**  
Section 24 T9S R15E

11. County or Parish, State  
DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input 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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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  
10/30/2006

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

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

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)

**RECEIVED**

**NOV 01 2006**

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

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3636  
MYTON, UT 84062

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		
C	15498	12419	43-013-32818	ASHLEY FEDERAL 8-24-9-15	SENE	24	9S	15E	DUCHESNE		11/20/06

WELL 1 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	15480	12419	43-013-32874	ASHLEY FEDERAL 8-24-9-15	SENN	24	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	12419	15480	43-013-32943	ASHLEY FEDERAL 15-24-9-15	SWSE	24	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV ENTITY CORRECTION

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	15497	12419	43-013-32821	ASHLEY FEDERAL 14-24-9-15	SESW	24	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	15501	12419	43-013-32820	ASHLEY FEDERAL 13-24-9-15	SWSW	24	9S	15E	DUCHESNE		11/20/06

WELL 5 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	15462	12419	43-013-32884	ASHLEY FEDERAL 4-25-9-15	NWNW	25	9S	15E	DUCHESNE		11/20/06

WELL 5 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODES (See instructions on back of form)

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

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

RECEIVED

NOV 16 2006

DIV. OF OIL, GAS & MINING

*Lana Nebeker*  
Signature

Lana Nebeker

Production Clerk  
Title

NOVEMBER 14, 2006  
Date

2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                   SW/SE  
                   Section 24 T9S R15E

5. Lease Serial No.  
 UTU-02458

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 ASHLEY PA A

8. Well Name and No.  
 ASHLEY 15-24-9-15

9. API Well No.  
 4301332943

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"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 9/23/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Chokø 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 @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5770'. 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, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5759.45' KB. Cement with 330 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 9:00 pm 9/28/06.

RECEIVED  
OCT 02 2006  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 09/29/2006

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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5759.45

Flt cllr @ 5713.86

LAST CASING 8 5/8" SET # 323'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5770' Loggers TD 5759'  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL Ashley Federal 15-24-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI #2

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3958.28' (5.95')					
130	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5701.86
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.34
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5761.45
TOTAL LENGTH OF STRING		5761.45	131	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		308.04	7	CASING SET DEPTH			<b>5759.45</b>
TOTAL		<b>6054.24</b>	138	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6054.24	138				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10:00AM	9/28/2006	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		1:00PM	9/28/2006	Bbls CMT CIRC TO SURFACE		40 BBLs	
BEGIN CIRC		10:00PM	9/28/2006	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		3:14 PM	9/28/2006	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		4:11PM	9/28/2006	BUMPED PLUG TO		1620	PSI
PLUG DOWN		4:40PM	9/28/2006				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	330	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 9/28/2006

RECEIVED  
 OCT 02 2006  
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-02458
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: ASHLEY PA A
8. WELL NAME and NUMBER: ASHLEY FEDERAL 15-24-9-15
9. API NUMBER: 4301332943
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

**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  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 358 FSL 1810 FEL  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 24, T9S, R15E

COUNTY: DUCHESNE  
STATE: UT

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

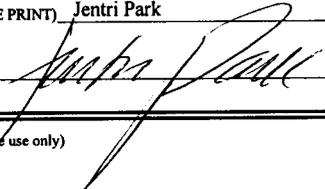
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/03/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<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.

Status report for time period 10/13/06 - 10/27/06

Subject well had completion procedures initiated in the Green River formation on 10-13-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5358'-5366'); Stage #2 (4906'-4928'); Stage #3 (4644'-4652'),(4635'-4340'); Stage #4 (4554'-4560'),(4506'-4512'),(4442'-4448'); Stage #5 (4042'-4050'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 10-25-2006. Bridge plugs were drilled out and well was cleaned to 5713'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10-27-2006.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 11/03/2006

(This space for State use only)

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**NOV 06 2006**  
DIV. OF OIL, GAS & MINING

(See other instructions on reverse side)

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

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

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

1a. TYPE OF WORK

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

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield 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 358' FSL & 1810' FEL (SWSE) Sec. 24, T9S, R15E  
At top prod. Interval reported below

At total depth

14. API NO. 43-013-32943 DATE ISSUED 11/02/05

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 09/06/06 16. DATE T.D. REACHED 09/27/06 17. DATE COMPL. (Ready to prod.) 10/27/06 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6105' GL 6117' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5770' 21. PLUG BACK T.D., MD & TVD 5713' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* Green River 4042'-5366'

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

28. 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#	5759'	7-7/8"	330 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5413'	TA @ 5314'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP2) 5358'-66'	.46"	4/32	5358'-5366'	Frac w/ 34,064# 20/40 sand in 412 bbls fluid	
(LODC) 4906'-4928'	.43"	4/88	4906'-4928'	Frac w/ 39,301# 20/40 sand in 423 bbls fluid	
(B2) 4644'-52, 4635'-40'	.43"	4/52	4652'-4635'	Frac w/ 65,465# 20/40 sand in 507 bbls fluid	
(B.5 C, D3) 4554'-60', 4506'-12', 4442'-48	.43"	4/72	4560'-4442'	Frac w/ 79,846# 20/40 sand in 584 bbls fluid	
(PB8) 4042'-4050'	.43"	4/32	4042'-4050'	Frac w/ 20,405# 20/40 sand in 286 bbls fluid	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
10/27/06		2-1/2" x 1-1/2" x 16' RHAC SM Plunger Pump				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	14	7	30	500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
SIGNED Jenfi Park TITLE Production Clerk DATE 11/13/2006

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\*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 15-24-9-15	Garden Gulch Mkr	3356'	
				Garden Gulch 1	3563'	
				Garden Gulch 2	3669'	
				Point 3 Mkr	3912'	
				X Mkr	4176'	
				Y-Mkr	4210'	
				Douglas Creek Mkr	4318'	
				BiCarbonate Mkr		
				B Limestone Mkr	4663'	
				Castle Peak	5206'	
				Basal Carbonate	5656'	
				Total Depth (LOGGERS)	5759'	

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		
C	15480	12419	4301332943	ASHLEY FEDERAL 15-24-9-15	SW/SW	24	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENTS: <i>GRV</i> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15623	12419	4301332908	ASHLEY FEDERAL 15-26-9-15	SW/SE	26	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENTS: <i>GRV</i> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15784	12419	4301332960	ASHLEY FEDERAL 15-25-9-15	SW/SE	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENTS: <i>GRV</i> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
A	99999	15927	4301333244	HANCOCK 13-21-4-1	SW/SW	21	4S	1W	DUCHESNE	2/9/2007	2/16/07
WELL 5 COMMENTS: <i>GRV</i>											
A	99999	15928	4301338365	HANCOCK 1-27-4-1	NE/NE	27	4S	1W	DUCHESNE	2/12/2007	2/16/07
WELL 5 COMMENTS: <i>GRV</i>											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (tump or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Oil or gas in the economic section

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

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Feb 14 2007  
EP

DIV. OF OIL, GAS & MINING

*Lana Nebeker*  
Signature

LANA NEBEKER

Production Analyst  
Title

February 12, 2006  
Date



# 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

FEB 02 2007

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FEB 07 2007

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

DIV. OF OIL, GAS & MINING

Re: 1st Revision Consolidated  
Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

The 1st Revision of the Consolidated Green River Formation "A,B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of October 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 1st Revision of the Consolidated Green River Formation PA "A, B" results in a Participating Area of 7,350.49 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
15-24	43-013-32943	SWSE, 24-9S-15E	UTU02458
16-24	43-013-32944	SESE, 24-9S-15E	UTU02458
16-27	43-013-32881	SESE, 27-9S-15E	UTU66185
14-26	43-013-32907	SESW, 26-9S-15E	UTU66185
13-26	43-013-32906	SWSW, 26-9S-15E	UTU66185
15-26	43-013-32908	SWSE, 26-9S-15E	UTU66185
11-26	43-013-32904	NESW, 26-9S-15E	UTU66185
3-25	43-013-32945	NENW, 25-9S-15E	UTU66185
10-26	43-013-32903	NWSE, 26-9S-15E	UTU66185
6-25	43-013-32946	SENW, 25-9S-15E	UTU66185
9-26	43-013-32902	NESE, 26-9S-15E	UTU66185
5-25	43-013-32885	SWNW, 25-9S-15E	UTU66185
2-25	43-013-32883	NWNE, 25, 9S-15E	UTU66185
11-25	43-013- <del>32905</del> 32910	NWSW, 26, 9S-15E	UTU66185
9-25	43-013-32948	NESE, 25, 9S-15E	UTU66185
15-25	43-013-32950	SWSE, 25, 9S-15E	UTU66185

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 1st Revision of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

*/s/ Douglas F. Cook*

Douglas F. Cook  
Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining  
SITLA  
Ashley Unit w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Central Files  
CSeare:cs (01/31/06)Ashley Consolidated PA "A, B"1st.Rev.



November 16, 2007

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

RE: Permit Application for Water Injection Well  
Ashley Federal #15-24-9-15  
Monument Butte Field, Ashley PA AB, Lease #UTU-02458  
Section 24-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #15-24-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

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

Sincerely,

A handwritten signature in black ink that reads "David Gerbig". The signature is written in a cursive, flowing style.

David Gerbig  
Operations Engineer

**RECEIVED**

**JAN 22 2008**

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

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #15-24-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER)**  
**ASHLEY PA AB**  
**LEASE #UTU-02458**  
**NOVEMBER 16, 2007**

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**JAN 22 2008**

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

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Ashley Federal #15-24-9-15  
Field or Unit name: Monument Butte (Green River), Ashley PA AB Lease No. UTU-02458  
Well Location: QQ SW/SE section 24 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes  No   
Will the proposed well be used for: Enhanced Recovery? ..... Yes  No   
Disposal? ..... Yes  No   
Storage? ..... Yes  No   
Is this application for a new well to be drilled? ..... Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-32943

Proposed injection interval: from 3669 to 5656  
Proposed maximum injection: rate 500 bpd pressure 1924 psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2  
mile of the well.

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

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

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

Name: David Gerbig Signature *David Gerbig*  
Title: Operations Engineer Date 1-19-08  
Phone No. (303) 893-0102

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

Comments:

# Ashley Federal 15-24-9-15

Spud Date: 09/06/06  
 Put on Production: 5873  
 K.B.: 6499, G.L.: 6487

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.30')  
 DEPTH LANDED: 313.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

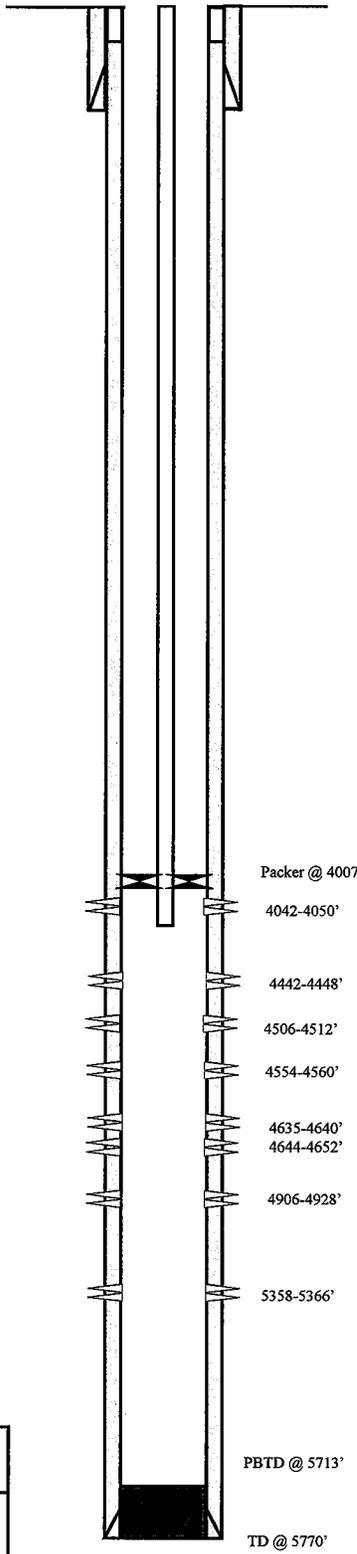
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5746.20')  
 DEPTH LANDED: 5759.45' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 50'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5302.14')  
 TUBING ANCHOR: 5314.14' KB  
 NO. OF JOINTS: 1 jts (31.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5348.54' KB  
 NO. OF JOINTS: 2 jts (63.36')  
 TOTAL STRING LENGTH: EOT @ 5413.45' KB

### FRAC JOB

10/19/06	5358-5366'	<b>Frac CP2, sands as follows:</b> 34064# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2125 psi. Calc flush: 5364 gal. Actual flush: 4830 gal.
10/19/06	54906-4928'	<b>Frac LODC sands as follows:</b> 39301# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2710 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 4926 gal. Actual flush: 4397 gal.
10/19/06	4635-4652'	<b>Frac B2 sands as follows:</b> 65465# 20/40 sand in 507bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2310 psi. Calc flush: 4650 gal. Actual flush 4171 gal.
10/20/06	4442-4560'	<b>Frac B.S, C, D3 sands as follows:</b> 79846# 20/40 sand in 584 bbls Lightning 17 frac fluid. Treated @ avg press of 2164 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4558 gal. Actual flush: 3936 gal.
10/20/06	4042-4050'	<b>Frac PB8 sands as follows:</b> 20405# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2057psi w/avg rate of 14.4 BPM. ISIP1950psi. Calc flush: 4048 gal. Actual flush:3948gal.



### PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
10/13/06	5358-5366'	4 JSPF	32 holes
10/19/06	4906-4928'	4 JSPF	88 holes
10/19/06	4644-4652'	4 JSPF	32 holes
10/19/06	4635-4640'	4 JSPF	20 holes
10/19/06	4554-4560'	4 JSPF	24 holes
10/19/06	4506-4512'	4 JSPF	24 holes
10/19/06	4442-4448'	4 JSPF	24 holes
10/20/06	4042-4050'	4 JSPF	24 holes

**NEWFIELD**



**Ashley Federal 15-24-9-15**

358' FSL & 1810' FEL

SW/SE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32943; Lease #UTU-02458

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 **The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

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

Approval is requested to convert the Ashley Federal #15-24-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #15-24-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3669' - 4663'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3563' and the Castle Peak top at 5206'.

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

The referenced log for the Ashley Federal #15-24-9-15 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 State lease (Lease #UTU-02458) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 313' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5759' 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 1924 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #15-24-9-15, for existing perforations (4042' - 5366') calculates at 0.92 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 1924 psig. We may add additional perforations between 3356' and 5759'. See Attachments G and G-1.

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

In the Ashley Federal #15-24-9-15, the proposed injection zone (3669' - 5656') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-9.

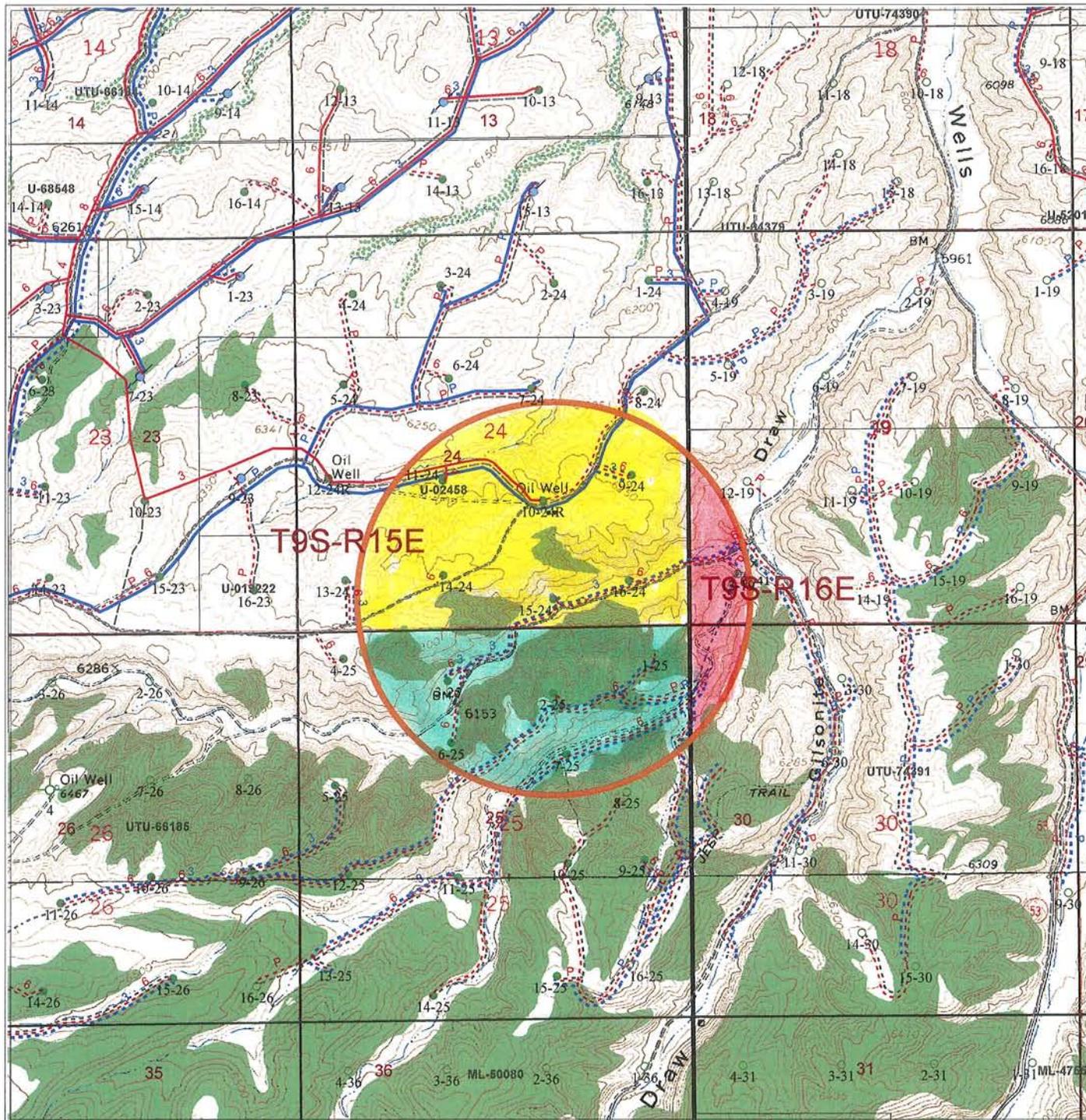
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**Well Status**

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

**Injection system**

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

**Gas Pipelines**

- Gathering lines
- Proposed lines
- Leases
- 15-24-9-15 1/2mile radius

UTU-02458

UTU-74391

UTU-66185

Attachment A

Ashley 15-24-9-15  
Section 24, T9S-R15E



1" = 2000'

1/2 Mile Radius Map  
Duchesne County

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

February 20, 2007



EXHIBIT B  
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 15 East, SLM</u> Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA
2	<u>Township 9 South Range 16 East</u> Section 19: Lots 3, 4, E/2SW/4, SE/4 Section 20: S/2 Section 29: All Section 30: All Section 31: Lot 1, NE/4, NE/4NW/4	UTU-74391 HBP	Newfield Production Company	USA
3	<u>Township 9 South Range 15 East</u> Section 23: SE/4SE/4	UTU-019222 HBP	Newfield Production Company	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #15-24-9-15

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

Signed: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 15 day of January, 2008

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

My Commission Expires: 05/05/2009

## Ashley Federal 15-24-9-15

Spud Date: 09/06/06  
 Put on Production: 5873  
 K.B.: 6499, G.L.: 6487

### Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.30')  
 DEPTH LANDED: 313.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5746.20')  
 DEPTH LANDED: 5759.45' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 50'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5302.14')  
 TUBING ANCHOR: 5314.14' KB  
 NO. OF JOINTS: 1 jts (31.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5348.54' KB  
 NO. OF JOINTS: 2 jts (63.36')  
 TOTAL STRING LENGTH: EOT @ 5413.45' KB

#### SUCKER RODS

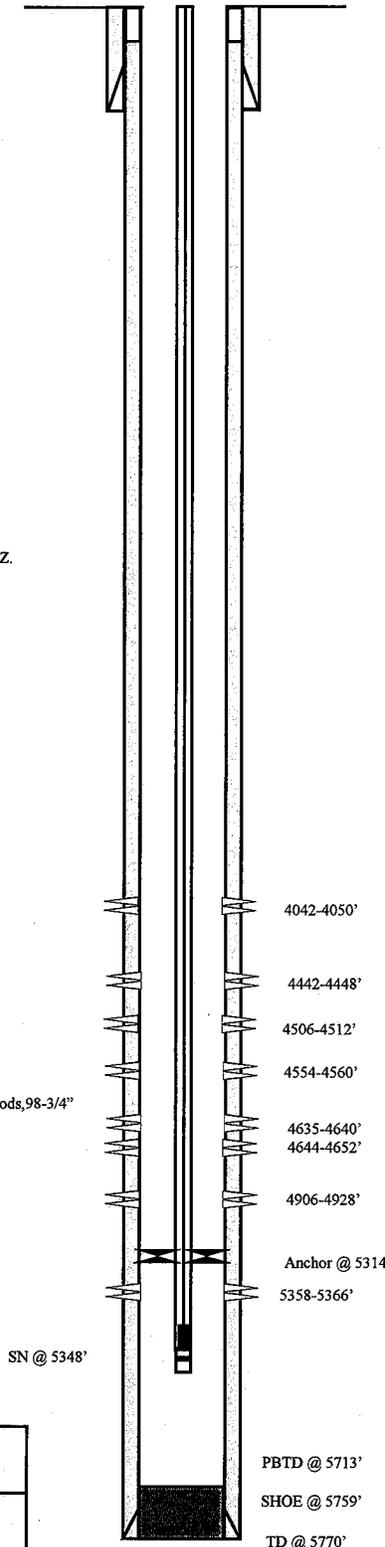
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8", 1-6", 2-4" x 3/4" pony rod, 100-3/4" guided rods, 98-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, 4 SPM:

#### FRAC JOB

10/19/06	5358-5366'	<b>Frac CP2, sands as follows:</b> 34064# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2125 psi. Calc flush: 5364 gal. Actual flush: 4830 gal.
10/19/06	4906-4928'	<b>Frac LODC sands as follows:</b> 39301# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2710 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 4926 gal. Actual flush: 4397 gal.
10/19/06	4635-4652'	<b>Frac B2 sands as follows:</b> 65465# 20/40 sand in 507bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2310 psi. Calc flush: 4650 gal. Actual flush 4171 gal.
10/20/06	4442-4560'	<b>Frac B.S, C, D3 sands as follows:</b> 79846# 20/40 sand in 584 bbls Lightning 17 frac fluid. Treated @ avg press of 2164 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4558 gal. Actual flush: 3936 gal.
10/20/06	4042-4050'	<b>Frac PB8 sands as follows:</b> 20405# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2057psi w/avg rate of 14.4 BPM. ISIP1950psi. Calc flush: 4048 gal. Actual flush:3948gal.

#### PERFORATION RECORD

10/13/06	5358-5366'	4 JSPF	32 holes
10/19/06	4906-4928'	4 JSPF	88 holes
10/19/06	4644-4652'	4 JSPF	32 holes
10/19/06	4635-4640'	4 JSPF	20 holes
10/19/06	4554-4560'	4 JSPF	24 holes
10/19/06	4506-4512'	4 JSPF	24 holes
10/19/06	4442-4448'	4 JSPF	24 holes
10/20/06	4042-4050'	4 JSPF	24 holes



**NEWFIELD**

**Ashley Federal 15-24-9-15**

358' FSL & 1810' FEL

SW/SE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32943; Lease #UTU-02458

## Ashley Federal 11-24-9-15

Spud Date: 03/28/05  
 Put on Production: 05/27/05  
 GL: 6240' KB: 6250'

Initial Production: BOPD 34,  
 MCFD 107, BWPD 80

### Injection Wellbore Diagram

#### SURFACE CASING

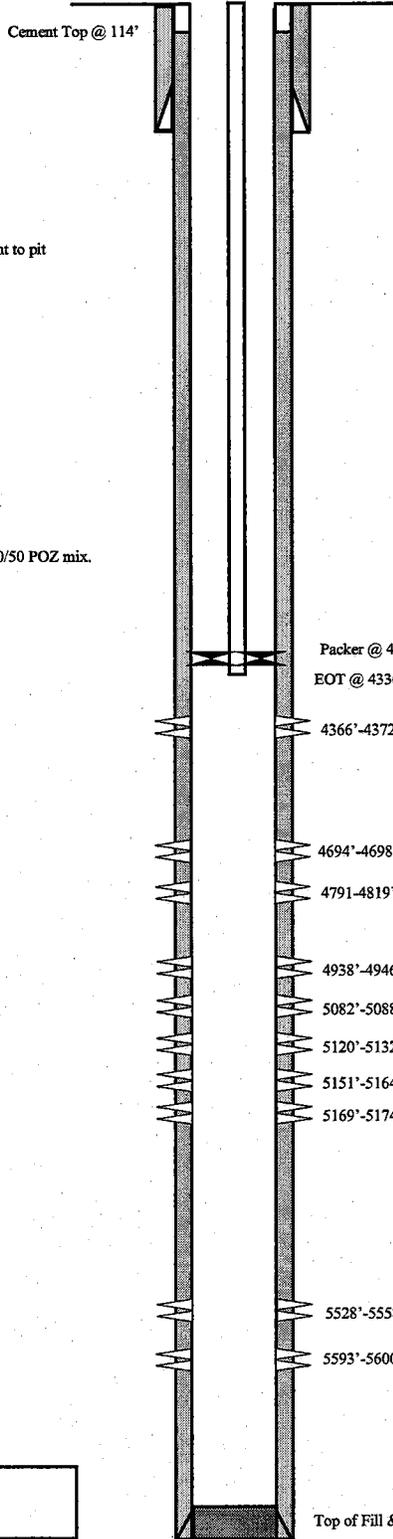
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.2')  
 DEPTH LANDED: 3012.2'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL. 5 bbls cmt to pit

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 164 jts. (5839.01')  
 DEPTH LANDED: 5837.01' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 114'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 131 jts (4303')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4334.80' KB  
 TOTAL STRING LENGTH: 4336.35' w/ 12' KB



#### FRAC JOB

05/19/05 5528'-5600' **Frac CP3 and CP2 sands as follows:**  
 101,424# of 20/40 sand in 794 bbls lightning frac 17 fluid. Treated @ avg press of 1900 w/ avg rate of 24.8 bpm. ISIP 2100 psi. Calc flush: 5526 gal. Actual flush: 5502 gal.

05/19/05 5082'-5174' **Frac LODC sands as follows:**  
 120,399# of 20/40 sand in 837 bbls lightning frac 17 fluid. Treated @ avg press of 2495 w/ avg rate of 24.8 bpm. ISIP 2720 psi. Calc flush: 5080 gal. Actual flush: 5124 gal.

05/20/05 4938'-4946' **Frac A3 sands as follows:**  
 27,296# of 20/40 sand in 305 bbl lightning 17 frac fluid. Treated @ avg press of 2388 w/ avg rate of 24.8 bpm. ISIP 2580 psi. Calc flush: 4936 gal. Actual flush: 4956 gal.

05/20/05 4791'-4819' **Frac B2 sands as follows:**  
 98,819# of 20/40 sand in 706 bbls lightning frac 17 fluid. Treated @ avg press of 1778 w/ avg rate of 25 bpm. ISIP 2000 psi. Calc flush: 4789 gal. Actual flush: 4830 gal.

05/20/05 4366'-4372' **Frac X-Stray sands as follows:**  
 35,995# of 20/40 sand in 346 bbls lightning 17 frac fluid. Treated @ avg press of 2485 w/ avg rate of 24.7 bpm. ISIP 1490 psi. Calc flush: 4364 gal. Actual flush: 4284 gal.

11-30-05 **Pump change:** Update rod and tubing details.  
 12-12-05 **Water Isolation.**  
 6-16-06 **Re-Completion:** Update rod and tubing detail.  
 09-29-06 **Pump Change:** Updated tubing and rod detail.  
 12-1-06 **Pump Change:** Updated tubing and rod detail.  
 4/24/07 **Well converted to an Injection well. MIT completed and submitted on 5/14/07.**

#### PERFORATION RECORD

05/09/05	5593'-5600'	4 JSFP	28 holes
05/09/05	5528'-5558'	2 JSFP	28 holes
05/19/05	5169'-5174'	4 JSFP	20 holes
05/19/05	5151'-5164'	4 JSFP	52 holes
05/19/05	5120'-5132'	4 JSFP	48 holes
05/19/05	5082'-5088'	4 JSFP	24 holes
05/19/05	4938'-4946'	4 JSFP	32 holes
05/20/05	4694'-4698'	4 JSFP	16 holes (No Frac)
05/20/05	4791'-4819'	4 JSFP	112 holes
05/20/05	4366'-4372'	4 JSFP	24 holes

**NEWFIELD**

**ASHLEY FEDERAL 11-24-9-15**

1981' FSL & 1980' FWL

NE/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32424; Lease #UTU-02458

# Ashley Federal #10-24R

Formerly Castle Peak Unit #1

Wellbore Diagram

Spud Date: 9/8/62  
 GL: ?' KB: 6268'  
 Plugged & Abandoned 8/31/71

**SURFACE CASING**

CSG SIZE: 13-3/8"  
 GRADE: ?  
 WEIGHT: 48#  
 LENGTH: ? jts.  
 DEPTH LANDED: 210'  
 HOLE SIZE: 17-1/4"  
 CEMENT DATA: ?

**PRODUCTION CASING**

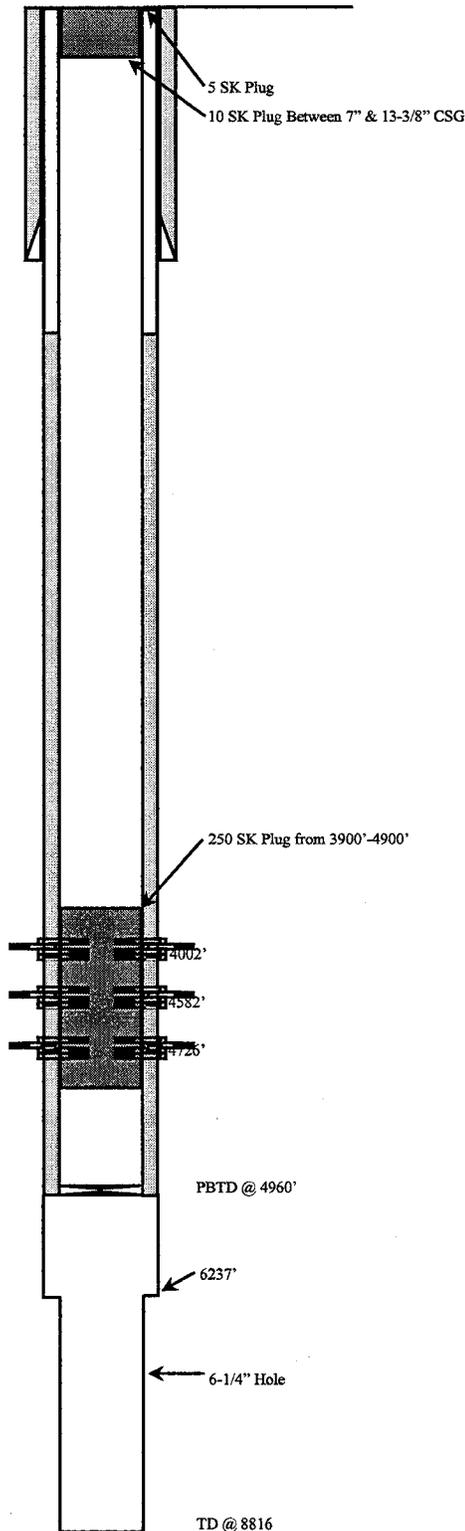
CSG SIZE: 7"  
 GRADE: J-55  
 WEIGHT: 23#  
 LENGTH: ?  
 DEPTH LANDED: 5020'  
 HOLE SIZE: ?  
 CEMENT DATA: ?  
 CEMENT TOP AT: 3235 per CBL

**TUBING**

SIZE/GRADE/WT.: ?  
 NO. OF JOINTS: ? jts (?)  
 TUBING ANCHOR: ?  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ ?)  
 SN LANDED AT: ?

**SUCKER RODS**

POLISHED ROD: ?  
 SUCKER RODS: ?-3/4" scraped, ?-3/4" slick rods, ?-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: ?  
 STROKE LENGTH: ?  
 PUMP SPEED, SPM: ? SPM  
 LOGS: ?



 **Inland Resources Inc.**  
**Ashley Federal #10-24R**  
 1840 FSL 2000 FEL  
 NWSE Section 24-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-15781; Lease #U-02458

# Ashley Federal 9-24-9-15

Spud Date: 7-7-06  
 Put on Production: 8-30-06  
 GL: 6242' KB: 6254'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (309.97')  
 DEPTH LANDED: 314.77' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts (5933.97')  
 DEPTH LANDED: 5947.22' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 420'

### TUBING

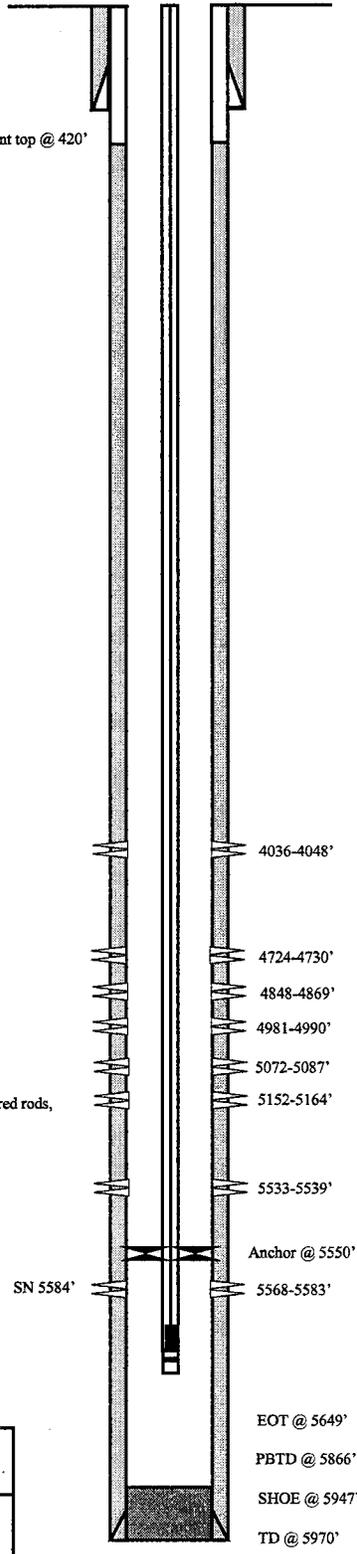
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts (5537.81')  
 TUBING ANCHOR: 5549.81' KB  
 NO. OF JOINTS: 1 jts (31.63')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5584.24' KB  
 NO. OF JOINTS: 2 jts (63.28')  
 TOTAL STRING LENGTH: EOT @ 5649.07' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2", 1-8", 1-6", 1-4" X 3/4" pony rods, 99- 3/4" scraped rods, 107- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

### FRAC JOB

08-22-06	5533-5583'	<b>Frac CP1, &amp; CP3 sands as follows:</b> 49445# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 1798 psi w/avg rate of 25.1 BPM. ISIP 1800 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
08-22-06	5152-5164'	<b>Frac LODC sands as follows:</b> 33453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2733 psi w/avg rate of 24.9 BPM. ISIP 2600 psi. Calc flush: 5150 gal. Actual flush: 4704 gal.
08-24-06	5072-5087'	<b>Frac LODC sands as follows:</b> 33580# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 2730 psi w/avg rate of 24.9 BPM. ISIP 3000 psi. Calc flush: 5070 gal. Actual flush: 4620 gal.
08-24-06	4981-4990'	<b>Frac A1 sands as follows:</b> 29436# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 w/ avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4979 gal. Actual flush: 4536 gal.
08-25-06	4848-4869'	<b>Frac B2 sands as follows:</b> 120080# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 w/ avg rate of 25.1 BPM. ISIP 2450 psi. Calc flush: 4846 gal. Actual flush: 4368 gal.
08-25-06	4036-4730'	<b>Frac C, GB4 sands as follows:</b> 49591# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1936 w/ avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 4034 gal. Actual flush: 3906 gal.
10/27/06		Pump Change. Update rod and tubing details.



### PERFORATION RECORD

08-11-06	5568-5583'	4 JSPF	60 holes
08-11-06	5533-5539'	4 JSPF	24 holes
08-22-06	5152-5164'	4 JSPF	48 holes
08-22-06	5072-5087'	4 JSPF	60 holes
08-24-06	4981-4990'	4 JSPF	36 holes
08-25-06	4848-4869'	4 JSPF	84 holes
08-25-06	4724-4730'	4 JSPF	24 holes
08-25-06	4036-4048'	4 JSPF	48 holes

**NEWFIELD**

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**Ashley Federal 9-24-9-15**

2009' FSL & 755' FEL

NE/NE Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32819; Lease # UTU-02458

# Ashley Federal 14-24-9-15

Spud Date: 7-11-06  
Put on Production: 8-23-06

Initial Production: BOPD,  
MCFD, BWPD

GL: 6312' KB: 6324'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.55')  
DEPTH LANDED: 322.40' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

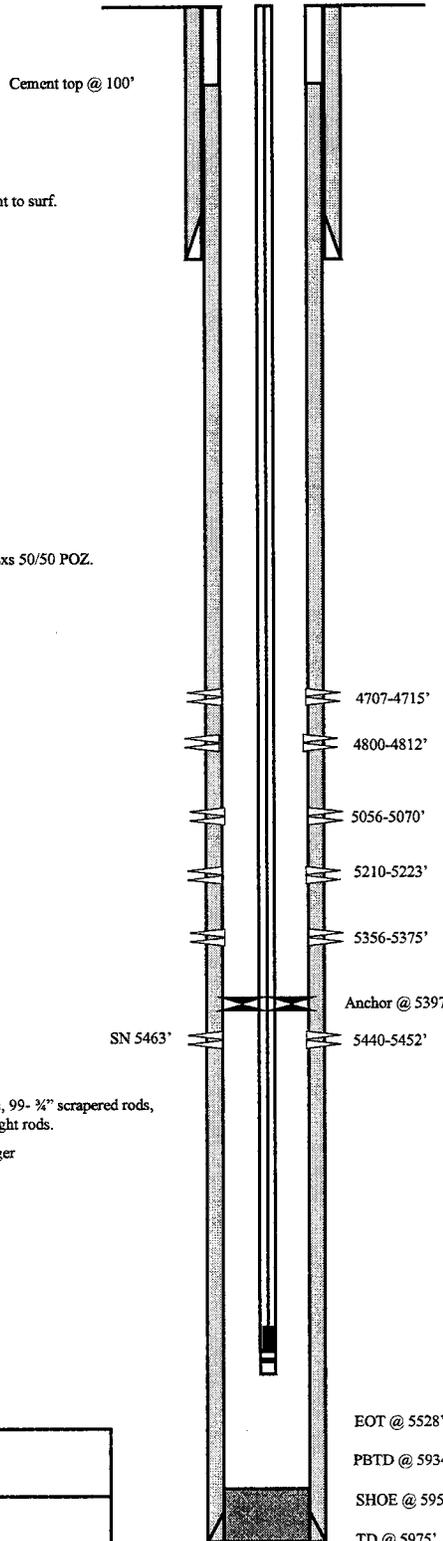
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts (5942.68')  
DEPTH LANDED: 5955.93' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 100'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5384.96')  
TUBING ANCHOR: 5396.96' KB  
NO. OF JOINTS: 2 jts (63.39')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5463.15' KB  
NO. OF JOINTS: 2 jts (63.25')  
TOTAL STRING LENGTH: EOT @ 5527.95' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2", 1-4", 1-6", 1-8" X 3/4" pony rods, 99- 3/4" scraped rods, 102-3/4" 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, SPM: 5 SPM



### FRAC JOB

08-17-06	5356-5452'	<b>Frac CPI, LODC sands as follows:</b> 59208# 20/40 sand in 561 bbls Lightning 17 frac fluid. Treated @ avg press of 1838 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc flush: 5356 gal. Actual flush: 4872 gal.
08-17-06	5210-5223'	<b>Frac LODC sands as follows:</b> 64716# 20/40 sand in 518 bbls Lightning 17 frac fluid. Treated @ avg press of 2884 psi w/avg rate of 24.8 BPM. ISIP 3100 psi. Calc flush: 5208 gal. Actual flush: 4746 gal.
08-17-06	5056-5070'	<b>Frac LODC sands as follows:</b> 34203# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5054 gal. Actual flush: 4578 gal.
08-17-06	4800-4812'	<b>Frac B2 sands as follows:</b> 39247# 20/40 sand in 417 bbls Lightning 17 frac fluid. Treated @ avg press of 1885 w/ avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 4798 gal. Actual flush: 4326 gal.
08-17-06	4707-4715'	<b>Frac C sands as follows:</b> 42615# 20/40 sand in 424 bbls Lightning 17 frac fluid. Treated @ avg press of 2291 w/ avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4705 gal. Actual flush: 4620 gal.

### PERFORATION RECORD

08-04-06	5440-5452'	4 JSPF	48 holes
08-04-06	5356-5375'	4 JSPF	76 holes
08-17-06	5210-5223'	4 JSPF	52 holes
08-17-06	5056-5070'	4 JSPF	56 holes
08-17-06	4800-4812'	4 JSPF	48 holes
08-17-06	4707-4715'	4 JSPF	32 holes

**NEWFIELD**

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**Ashley Federal 14-24-9-15**

706' FSL & 1978' FWL

SE/SW Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32821; Lease # UTU-

EOT @ 5528'  
PBD @ 5934'  
SHOE @ 5955'  
TD @ 5975'

ASHLEY FEDERAL 16-24-9-15

Spud Date: 09/02/06  
Put on Production: 10/24/06

Initial Production: BOPD,  
MCFD, BWPD

GL: 6080' KB: 6092'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (311.45')  
DEPTH LANDED: 323.30' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 130 jts. (5697.47')  
DEPTH LANDED: 5710.72' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

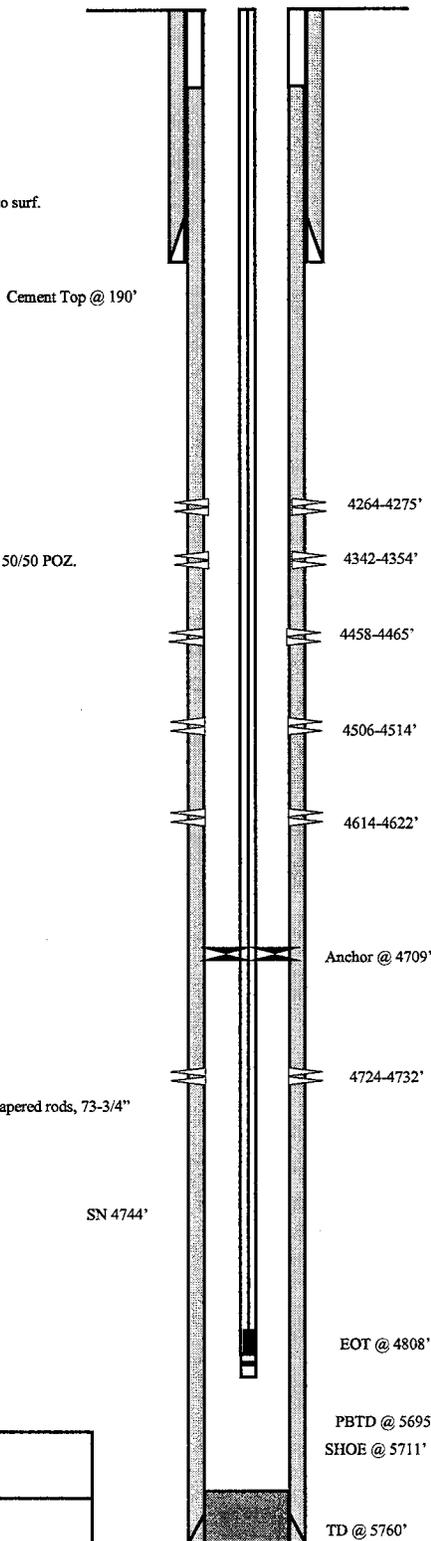
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 149 jts (4697.17')  
TUBING ANCHOR: 4709.17' KB  
NO. OF JOINTS: 1 jts (31.53')  
SEATING NIPPLE: 2-7/8" (1.10")  
SN LANDED AT: 4743.50' KB  
NO. OF JOINTS: 2 jts (62.99')  
TOTAL STRING LENGTH: EOT @ 4808.04' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-6' & 1-2' x 3/4" pony rod, 100-3/4" scraped rods, 73-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14.5' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

Wellbore Diagram



FRAC JOB

10/17/06	4724-4732'	<b>Frac A1 sands as follows:</b> 34968# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi w/avg rate of 25 BPM. ISIP 2800 psi. Calc flush: 4722 gal. Actual flush: 4662 gal.
10/17/06	4614-4622'	<b>Frac B2 sands as follows:</b> 34408# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4612 gal. Actual flush: 4116 gal.
10/17/06	4506-4514'	<b>Frac D3 sands as follows:</b> 69835# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4504 gal. Actual flush: 3990 gal.
10/17/06	4342-4354'	<b>Frac D1 sands as follows:</b> 79810# 20/40 sand in 578 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25 BPM. ISIP 2300 psi. Calc flush: 4340 gal. Actual flush: 3864 gal.
10/17/06	4264-4275'	<b>Frac D52 sands as follows:</b> 48615# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2460 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 4262 gal. Actual flush: 4158 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
10/03/06	4724-4732'	4 JSPF	32 holes
10/17/06	4614-4622'	4 JSPF	32 holes
10/17/06	4506-4514'	4 JSPF	32 holes
10/17/06	4458-4465'	4 JSPF	28 holes
10/17/06	4342-4354'	4 JSPF	48 holes
10/17/06	4264-4275'	4 JSPF	44 holes

**NEWFIELD**

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**ASHLEY FEDERAL 16-24-9-15**

590'FSL & 799' FEL  
SE/SE Section 35-T8S-R16E  
Duchesne Co, Utah  
API #43-013-32944; Lease #UTU-02458

# Ashley Federal 3-25-9-15

Spud Date: 9-21-06  
 Put on Production: 11-01-06  
 GL: 6146' KB: 6158'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311-28')  
 DEPTH LANDED: 323.13' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5749.95')  
 DEPTH LANDED: 5763.2' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 9'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 157 jts (4958.81')  
 TUBING ANCHOR: 4970.81' KB  
 NO. OF JOINTS: 1 jts (31.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5005.21' KB  
 NO. OF JOINTS: 2 jts (63.12')  
 TOTAL STRING LENGTH: EOT @ 5069.88' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8", & 1-2" X 3/4" pony rods, 99- 3/4" scraped rods, 84- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

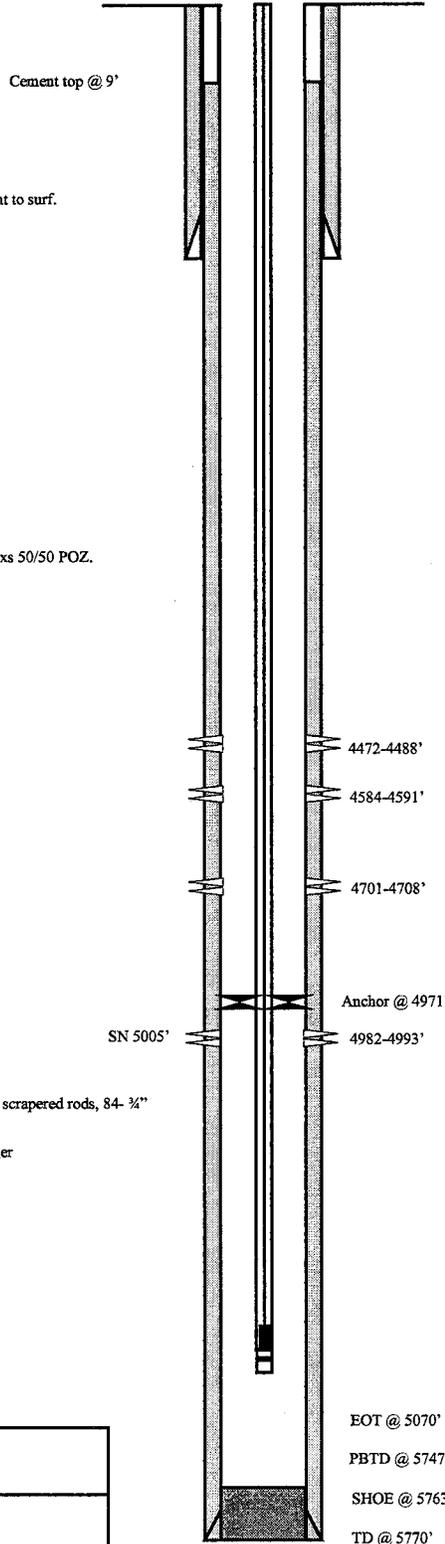
**FRAC JOB**

10-25-06 4982-4993' **Frac lode sands as follows:**  
 59272# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 2510 psi w/avg rate of 26.9 BPM. ISIP 2680 psi. Calc flush: 4494 gal. Actual flush: 4980 gal.

10-25-06 4701-4708' **Frac A1 sands as follows:**  
 29486# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 24.9 BPM. ISIP 2700 psi. Calc flush: 4200 gal. Actual flush: 4699 gal.

10-25-06 4584-4591' **Frac B2 sands as follows:**  
 34746# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4116 gal. Actual flush: 4582 gal.

10-25-06 4472-4488' **Frac C sands as follows:**  
 37000# 20/40 sand in 402 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 w/ avg rate of 24.9 BPM. ISIP 2370 psi. Calc flush: 4368 gal. Actual flush: 4470 gal.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
10-18-06	4982-4993'	4 JSPF	44 holes
10-25-06	4701-4708'	4 JSPF	28 holes
10-25-06	4584-4591'	4 JSPF	28 holes
10-25-06	4472-4488'	4 JSPF	64 holes

**NEWFIELD**

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**Ashley Federal 3-25-9-15**

716' FNL & 2029' FWL

NE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32945; Lease # UTU-66185

Ashley Federal 2-25-9-15

Spud Date:10/2/2006  
Put on Production:12/01/06

Initial Production: BOPD,  
MCFD, BWPD

GL: 6285' KB: 6297'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.21')  
DEPTH LANDED: 322.64' 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: 133 jts. (5878.34')  
DEPTH LANDED: 5891.59' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

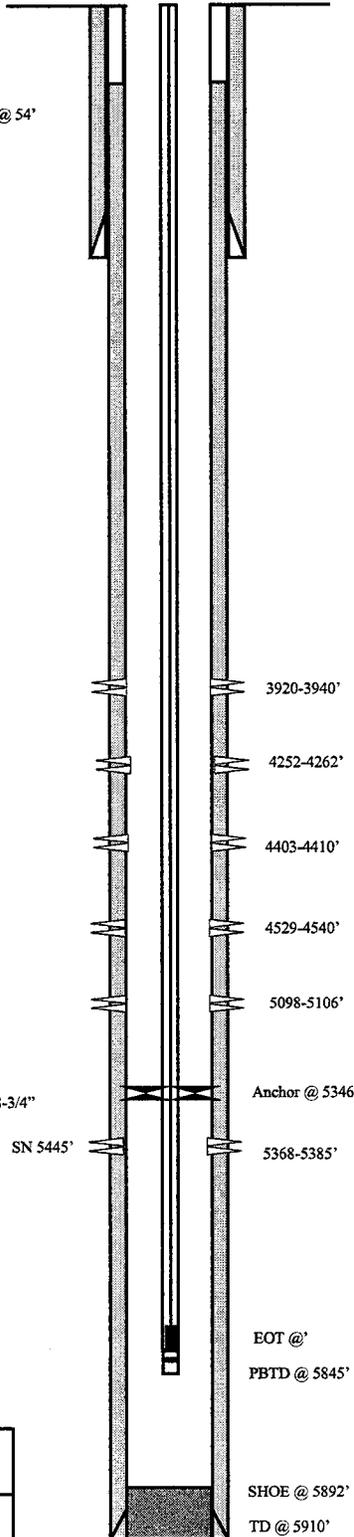
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5334.20')  
TUBING ANCHOR: 5346.20' KB  
NO. OF JOINTS: 1 jts (31.59')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5380.59' KB  
NO. OF JOINTS: 2 jts (63.14')  
TOTAL STRING LENGTH: EOT @ 5445.28' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 3/4" x 4' x 3/4 x 8' pony's, 99-3/4" x 25' scraped rods, 98-3/4" x 25' slick rods, 10-3/4" x 25' scraped rods, 6-1 1/2" x 25' weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

Cement Top @ 54'



FRAC JOB

11/20/06	5368-5385'	<b>Frac CP1 sands as follows:</b> 75,582# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 5366 gal. Actual flush: 4860 gal.
11/20/06	5098-5106'	<b>Frac LODC sands as follows:</b> 35,023# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi w/avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 5096 gal. Actual flush: 4591 gal.
11/20/06	4529-4540'	<b>Frac D2 sands as follows:</b> 59,760# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.9 BPM. ISIP 2240 psi. Calc flush: 4527 gal. Actual flush: 4035 gal.
11/20/06	4403-4410'	<b>Frac DS3 sands as follows:</b> 19,609# 20/40 sand in 291 bbls Lightning 17 frac fluid. Treated @ avg press of 2285 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4401 gal. Actual flush: 3940 gal.
11/20/06	4252-4262'	<b>Frac PB11 sands as follows:</b> 40,121# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4250 gal. Actual flush: 3746 gal.
11/20/06	3920-3940'	<b>Frac CB4 sands as follows:</b> 47,607# 20/40 sand in 398 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 3918 gal. Actual flush: 3822 gal.
03/02/07		Pump Change. Update rod and tubing details.

PERFORATION RECORD

11/16/06	5368-5385'	4 JSPF	68 holes
11/20/06	5098-5106'	4 JSPF	32 holes
11/20/06	4529-4540'	4 JSPF	44 holes
11/20/06	4403-4410'	4 JSPF	28 holes
11/20/06	4252-4262'	4 JSPF	40 holes
11/20/06	3920-3940'	4 JSPF	80 holes

**NEWFIELD**

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**Ashley Federal 2-25-9-15**

903'FNL & 1835' FEL

NW/NE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32883; Lease #UTU-66185

Ashley Federal 6-25-9-15

Spud Date: 09/22/06  
Put on Production: 11/07/06

K.B.: 6188, G.L.: 6176

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.92')  
DEPTH LANDED: 322.77' 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: 129 jts. (5671.28')  
DEPTH LANDED: 5684.53' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

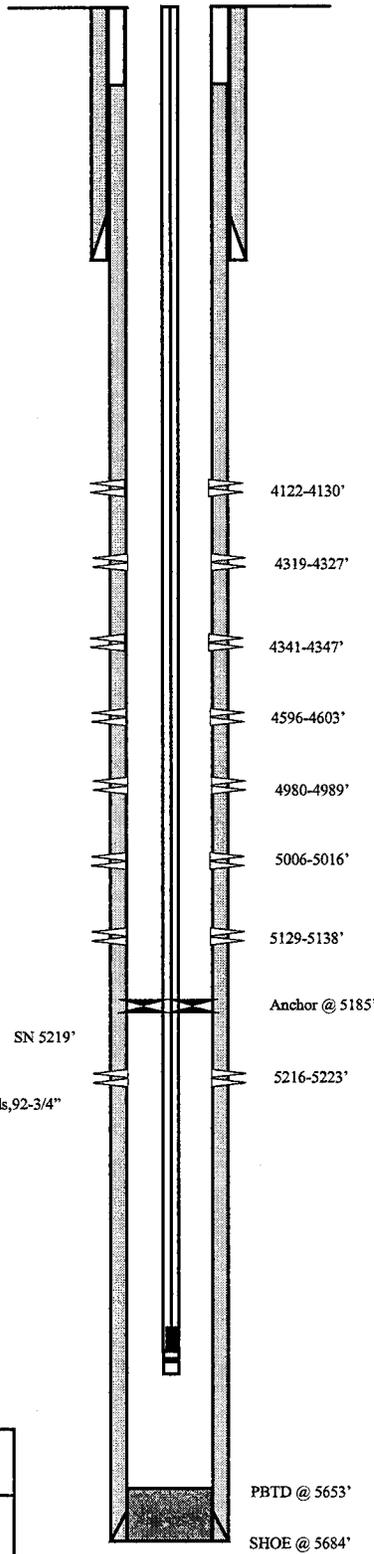
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 164 jts (5173.46')  
TUBING ANCHOR: 5185.46' KB  
NO. OF JOINTS: 1 jts (31.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5219.86' KB  
NO. OF JOINTS: 2 jts (62.97')  
TOTAL STRING LENGTH: EOT @ 5284.38' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 1-6", 1-2' x 3/4" pony rod, 100-3/4" guided rods, 92-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

**Wellbore Diagram**



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

10/30/06	5216-5223'	<b>Frac CP.5 sands as follows:</b> 24055# 20/40 sand in 329 bbls Lightning 17 frac fluid. Treated @ avg press of 2255 psi w/avg rate 24.8 BPM. ISIP 2010 psi. Calc flush: 5221 gal. Actual flush: 5082 gal.
10/30/06	4980-5138'	<b>Frac LODC sands as follows:</b> 75092# 20/40 sand in 567 bbls Lightning 17 frac fluid. Treated @ avg press of 2545 psi w/avg rate of 26.7 BPM. ISIP 2010 psi. Calc flush: 5136 gal. Actual flush: 4452 gal.
10/30/06	4596-4603'	<b>Frac B2 sands as follows:</b> 24277# 20/40 sand in 324 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.9 BPM. ISIP 2080 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
10/30/06	4319-4347'	<b>Frac D2 sands as follows:</b> 27462# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4345 gal. Actual flush: 3822 gal.
10/30/06	4122-4130'	<b>Frac PB11 sands as follows:</b> 30307# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2950 psi w/avg rate 8.25 BPM. ISIP psi. Calc flush: 4128 gal. Actual flush: 4032 gal.

**PERFORATION RECORD**

10/24/06	5216-5223'	7 JSPF	28 holes
10/24/06	5129-5138'	9 JSPF	36 holes
10/30/06	5006-5016'	4 JSPF	40 holes
10/30/06	4980-4989'	4 JSPF	36 holes
10/30/06	4596-4603'	4 JSPF	28 holes
10/30/06	4341-4347'	4 JSPF	24 holes
10/30/06	4319-4327'	4 JSPF	32 holes
10/30/06	4122-4130'	4 JSPF	32 holes

**NEWFIELD**

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**Ashley Federal 6-25-9-15**

1546' FNL & 2069' FWL

SE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32946; Lease #UTU-66185

Ashley 7-25-9-15

Spud Date: 10-3-06  
Put on Production: 1-22-07

GL: 6183' KB: 6195'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.96')  
DEPTH LANDED: 322.64' 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: 132 jts. (5692.28')  
DEPTH LANDED: 5705.53' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP AT: 80'

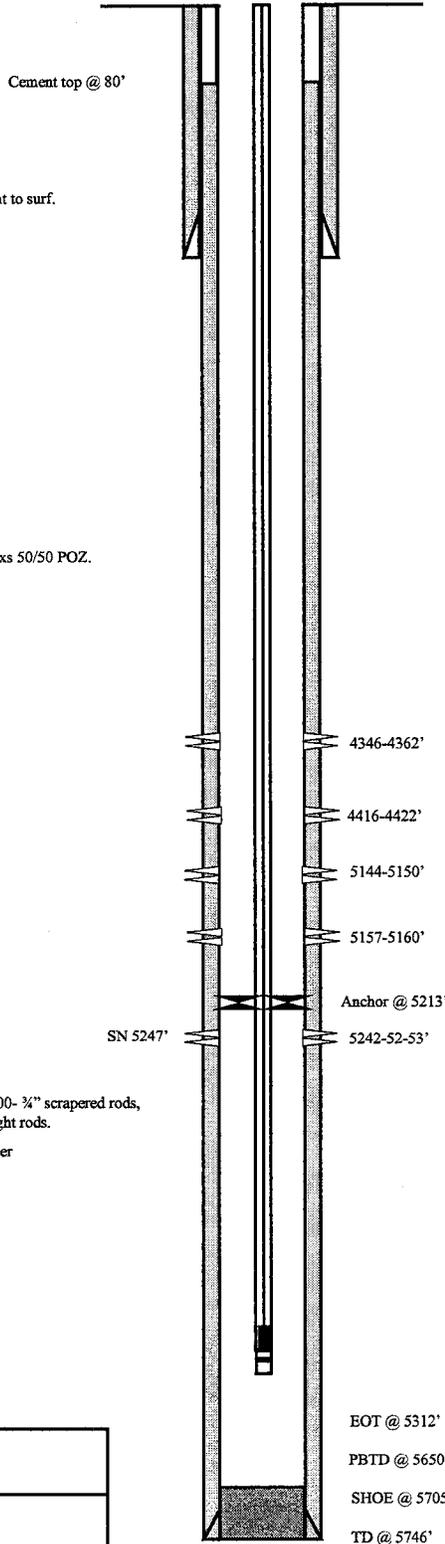
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 165 jts (5200.93')  
TUBING ANCHOR: 5212.93' KB  
NO. OF JOINTS: 1 jts (31.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5247.33' KB  
NO. OF JOINTS: 2 jts (63.01')  
TOTAL STRING LENGTH: EOT @ 5311.89' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-6", 1-4", & 1-2" X 3/4" pony rods, 100- 3/4" scraped rods, 93- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4.5 SPM

**Wellbore Diagram**



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

01-08-07 5242-5253' **Frac CPI sands as follows:**  
93361# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi w/avg rate of 22.7 BPM. ISIP 2350 psi. Calc flush: 5240 gal. Actual flush: 4746 gal.

01-09-07 5144-5160' **Frac LODC sands as follows:**  
35081# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.6 BPM. ISIP 4200 psi. Calc flush: 5142 gal. Actual flush: 2604 gal.

01-11-07 4346-4422' **Frac D1, & D2 sands as follows:**  
48392# 20/40 sand in 512 bbls Lightning 17 frac fluid. Treated @ avg press of 2303 psi w/avg rate of 24.4 BPM. ISIP 2050 psi. Calc flush: 4344 gal. Actual flush: 4242 gal.

**PERFORATION RECORD**

Date	Depth Range	Number of JSPF	Number of Holes
01-04-07	5242-5253'	4 JSPF	44 holes
01-08-07	5157-5160'	4 JSPF	12 holes
01-08-07	5144-5150'	4 JSPF	24 holes
01-11-07	4416-4422'	4 JSPF	24 holes
01-11-07	4346-4362'	4 JSPF	64 holes

**NEWFIELD**

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**Ashley Federal 7-25-9-15**

1733' FNL & 1658' FEL

SW/NE Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32909; Lease # UTU-66185

## Water Analysis Report from Baker Petrolite

<i>Summary of Mixing Waters</i>		
<b>Sample Number</b>	<b>389461</b>	<b>384241</b>
<b>Company</b>	NEWFIELD EXPLORATION	NEWFIELD EXPLORATION
<b>Lease Well</b>	JOHNSON WATER	ASHLEY FACILITY
<b>Sample Location</b>	PUMP STATION 2 PUMP DISCHARGE	15-24-9-15 WELLHEAD
<b>Anions (mg/L)</b>		
Chloride	17.0	2,639
Bicarbonate	319	4,514
Carbonate	0.00	650
Sulfate	89.0	1,516
Phosphate	0.00	0.00
Borate	0.00	0.00
Silicate	0.00	0.00
<b>Cations (mg/L)</b>		
Sodium	85.9	4,551
Magnesium	22.0	10.0
Calcium	40.0	35.0
Strontium	0.20	1.00
Barium	0.20	0.10
Iron	0.10	11.0
Potassium	0.20	27.0
Aluminum	0.00	0.00
Chromium	0.00	0.00
Copper	0.00	0.00
Lead	0.00	0.00
Manganese	0.03	0.40
Nickel	0.00	0.00
<b>Anion/Cation Ratio</b>	<b>1.00</b>	<b>1.00</b>
<b>TDS (mg/L)</b>	574	13,954
<b>Density (g/cm)</b>	1.00	1.01
<b>Sampling Date</b>	1/10/07	2/13/07
<b>Account Manager</b>	RANDY HUBER	RANDY HUBER
<b>Analyst</b>	LISA HAMILTON	LISA HAMILTON
<b>Analysis Date</b>	1/17/07	1/26/07
<b>pH at time of sampling</b>		
<b>pH at time of analysis</b>	8.16	9.00
<b>pH used in Calculations</b>	<b>8.16</b>	<b>9.00</b>



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## Baker Petrolite

Baker Petrolite / P.O. Box 5050 / Sugar Land, TX 77487-5050 USA / Phone: (281) 276-5400 Fax: (281) 275-7393

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## Water Analysis Report from Baker Petrolite

Mixes at 140°F and 0 psi

<i>Predictions of Carbon Dioxide Pressure, Saturation Index and Amount of Scale in lb/1000bbl</i>												
Mix Waters		CO <sub>2</sub>	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> •2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
389461	384241	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
100%	0%	0.09	1.01	16.3	-1.86		-1.70		-2.38		0.28	0.06
90%	10%	0.04	1.76	33.4	-1.79		-1.62		-2.10		0.43	0.07
80%	20%	0.06	1.83	33.4	-1.76		-1.59		-1.93		0.47	0.07
70%	30%	0.09	1.84	33.1	-1.74		-1.57		-1.82		0.48	0.07
60%	40%	0.12	1.83	32.6	-1.73		-1.56		-1.72		0.48	0.06
50%	50%	0.16	1.82	32.2	-1.72		-1.55		-1.64		0.47	0.06
40%	60%	0.19	1.81	31.7	-1.72		-1.55		-1.58		0.46	0.05
30%	70%	0.24	1.79	31.2	-1.72		-1.55		-1.52		0.44	0.05
20%	80%	0.28	1.78	30.8	-1.72		-1.54		-1.47		0.41	0.04
10%	90%	0.33	1.77	30.3	-1.72		-1.54		-1.42		0.38	0.04
0%	100%	0.38	1.75	29.8	-1.72		-1.55		-1.38		0.35	0.03

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.



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## Baker Petrolite

Baker Petrolite / P.O. Box 5050 / Sugar Land, TX 77487-5050 USA / Phone: (281) 276-5400 Fax: (281) 275-7393

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Baker Petrolite

Attachment F  
3 of 4  
Analysis: 41379

## Water Analysis Report by Baker Petrolite

### NEWFIELD EXPLORATION

ASHLEY FACILITY  
15-24-9-15  
WELLHEAD

Account Manager  
RANDY HUBER

Summary		Analysis of Sample 384241 @ 75°F					
Sampling Date	2/13/07	<b>Anions</b>	<i>mg/l</i>	<i>meq/l</i>	<b>Cations</b>	<i>mg/l</i>	<i>meq/l</i>
Analysis Date	1/26/07	Chloride	2639	74.4	Sodium	4551	198
Analyst	LISA HAMILTON	Bicarbonate	4514	74.0	Magnesium	10.0	0.82
TDS (mg/l or g/m <sup>3</sup> )	13954.2	Carbonate	650	21.7	Calcium	35.0	1.75
Density (g/cm <sup>3</sup> or tonne/m <sup>3</sup> )	1.008	Sulfate	1516	31.6	Strontium	1.00	0.02
Anion/Cation Ratio	1.00	Phosphate	N/A	N/A	Barium	0.10	0.00
		Borate	N/A	N/A	Iron	11.0	0.39
		Silicate	N/A	N/A	Potassium	27.0	0.69
					Aluminum	N/A	N/A
					Chromium	N/A	N/A
					Copper	N/A	N/A
					Lead	N/A	N/A
		pH at time of sampling			Manganese	0.40	0.01
		pH at time of analysis		9.00	Nickel	N/A	N/A
		<b>pH used in Calculations</b>		<b>9.00</b>			

Specific ion interactions calculated only for ions in bold faced type.

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000bbl											
Temp.	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		Calc. CO <sub>2</sub>	
	°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0.	1.85	30.0	-1.74		-1.81		-1.50		0.68	0.05		0.05
100	0.	1.81	29.9	-1.74		-1.74		-1.46		0.54	0.04		0.11
120	0.	1.78	29.9	-1.73		-1.65		-1.42		0.44	0.04		0.20
140	0.	1.75	29.8	-1.72		-1.55		-1.38		0.35	0.03		0.38

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.



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Rocky Mountain Region  
1675 Broadway, Suite 1500  
Denver, CO 80202  
(303) 573-2772  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	44206
Region:	ROCKY MOUNTAINS	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	389460
Lease/Platform:	ASHLEY FACILITY	Analysis ID #:	67486
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 389460 @ 78 °F					
Sampling Date:	1/10/07	<b>Anions</b>	mg/l	meq/l	<b>Cations</b>	mg/l	meq/l
Analysis Date:	1/17/07	Chloride:	797.0	22.48	Sodium:	845.1	35.76
Analyst:	LISA HAMILTON	Bicarbonate:	868.0	14.06	Magnesium:	21.0	1.73
TDS (mg/l or g/m <sup>3</sup> ):	2790.1	Carbonate:	0.0	0.	Calcium:	45.0	2.25
Density (g/cm <sup>3</sup> , tonne/m <sup>3</sup> ):	1.001	Sulfate:	214.0	4.46	Strontium:	1.0	0.02
Anion/Cation Ratio:	0.9999998	Phosphate:			Barium:	1.0	0.01
Carbon Dioxide:		Borate:			Iron:	2.0	0.07
Oxygen:		Silicate:			Potassium:	6.0	0.15
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		8.06	Copper:		
		pH used in Calculation:		8.06	Lead:		
					Manganese:	0.040	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	0.90	22.37	-1.77	0.00	-1.84	0.00	-1.68	0.00	1.41	0.70	0.1
100	0	0.97	25.17	-1.78	0.00	-1.78	0.00	-1.68	0.00	1.27	0.70	0.15
120	0	1.04	27.61	-1.77	0.00	-1.70	0.00	-1.65	0.00	1.16	0.70	0.22
140	0	1.12	30.06	-1.76	0.00	-1.60	0.00	-1.61	0.00	1.07	0.70	0.31

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

**Attachment "G"**

**Ashley Federal #15-24-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5358	5366	5362	2125	0.83	2090
4906	4928	4917	2250	0.89	2218
4635	4652	4644	2310	0.93	2280
4442	4560	4501	2300	0.95	2271
4042	4050	4046	1950	0.92	1924 ←
				<b>Minimum</b>	<u>1924</u>

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

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

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

# NEWFIELD



Attachment G-1  
1 of 6

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 15-24-9-15      **Report Date:** Oct. 14, 2006      **Day:** 01  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 323'      **Prod Csg:** 5-1/2" @ 5759'      **Csg PBTD:** 5675' WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5358-5366'	4/32

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 13, 2006      **SITP:** \_\_\_\_\_ **SICP:** 0

Install 5M frac head. NU Cameron BOP. RU H/O truck & pressure test casing, frac head, blind rams & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5675' & cement top @ 60'. Perforate stage #1 W/ 4" ported gun as follows: CP2 sds @ 5358-66' W/ 4 JSPF. RD WLT. SIFN W/ est 136 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 136      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 0      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 136      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

### COSTS

Weatherford BOP	\$500
Rebel NU crew	\$500
Zubiate trucking	\$800
Perforators LLC	\$5,334
Drilling cost	\$290,421
Zubiate hot oil	\$450
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
Rebel trucking	\$600
NPC supervision	\$300

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

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$304,905  
**TOTAL WELL COST:** \$304,905

# NEWFIELD



Attachment G-1  
2 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 15-24-9-15 Report Date: Oct. 20, 2006 Day: 2a  
 Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 5759' Csg PBDT: 5675' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5358-5366'	4/32

### CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 19, 2006 SITP:  SICP: 20 psi

Day 2a.

RU BJ Services. 20 psi on well. Frac CP2 sds w/ 34,064#'s of 20/40 sand in 412 bbls of Lightning 17 fluid. Broke @ 3240 psi. Treated w/ ave pressure of 2100 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2125 psi. Leave pressure on well. 548 BWTR. See Day 2b.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136 Starting oil rec to date:   
 Fluid lost/recovered today: 412 Oil lost/recovered today:   
 Ending fluid to be recovered: 548 Cum oil recovered:   
 IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP2 sands

- 1008 gals to breakdown & get crosslink.
- 3300 gals of pad
- 2431 gals W/ 1-4 ppg of 20/40 sand
- 4890 gals W/ 4-6.5 ppg of 20/40 sand
- 341 gals W/ 6.5 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 4830 gals of slick water

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

Max TP: 2350 Max Rate: 25.4 BPM Total fluid pmpd: 412 bbls

Avg TP: 2100 Avg Rate: 24.9 BPM Total Prop pmpd: 34,064#'s

ISIP: 2125 5 min:  10 min:  FG: .83

Completion Supervisor: Orson Barney

### COSTS

BJ Services-CP2	\$23,067
NPC frac wtr	\$648
NPC fuel gas	\$113
Weatherford tools/serv	\$950
NPC trucking	\$300
NPC Supervisor	\$100
Weatherford BOP	\$420

DAILY COST: \$25,598  
 TOTAL WELL COST: \$330,503

# NEWFIELD



Attachment G-1  
3 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 15-24-9-15 Report Date: Oct. 20, 2006 Day: 2b  
 Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 5759' Csg PBDT: 5675' WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: 5030'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	4906-4928'	4/88
			CP2 sds	5358-5366'	4/32

### CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 19, 2006 SITP: \_\_\_\_\_ SICP: 1625 psi

Day 2b.  
 RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 11' & 11' perf gun. Set plug @ 5030'. Perforate LODC sds @ 4906- 28' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 88 shots (2 runs). RU BJ Services. 1625 psi on well. Frac LODC sds w/ 39,301#'s of 20/40 sand in 423 bbls of Lightning 17 fluid. Broke @ 2806 psi. Treated w/ ave pressure of 2710 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2250 psi. Leave pressure on well. 971 BWTR. See Day 2c.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 548 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 423 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 971 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 sands

- 3900 gals of pad
- 2856 gals W/ 1-4 ppg of 20/40 sand
- 5640 gals W/ 4-6.5 ppg of 20/40 sand
- 435 gals W/ 6.5 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 4397 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2970 Max Rate: 25 BPM Total fluid pmpd: 423 bbls  
 Avg TP: 2710 Avg Rate: 24.8 BPM Total Prop pmpd: 39,301#'s  
 ISIP: 2250 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .89

Completion Supervisor: Orson Barney

### COSTS

BJ Services-CP2	\$11,143
NPC frac wtr	\$735
NPC fuel gas	\$128
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$5,600
NPC Supervisor	\$100

DAILY COST: \$20,156  
 TOTAL WELL COST: \$350,659

# NEWFIELD



Attachment G-1  
4 of 6

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 15-24-9-15      **Report Date:** Oct. 20, 2006      **Day:** 2c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 323'      **Prod Csg:** 5-1/2" @ 5759'      **Csg PBTD:** 5675' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4610'  
**BP:** 4750', 5030'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	4906-4928'	4/88
D3 sds	4442-4448'	4/24	CP2 sds	5358-5366'	4/32
C sds	4506-4512'	4/24			
B.5 sds	4554-4560'	4/24			
B2 sds	4635-4640'	4/20			
B2 sds	4644-4652'	4/32			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 19, 2006      **SITP:** \_\_\_\_\_ **SICP:** 1760 psi

Day 2c. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8' & 5' perf gun. Set plug @ 4750'. Perforate B2 sds @ 4644- 52', 4635- 40' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 52 shots. RU BJ Services. 1760 psi on well. Frac B2 sds w/ 65,465#'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Broke @ 4104 psi. Treated w/ ave pressure of 2065 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2310 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 6', 6' & 6' perf gun. Set plug @ 4610'. Perforate B.5 sds @ 4554- 60', C sds @ 4506- 12', D3 sds @ 4442- 48' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 72 shots. Leave pressure on well. SIWFN w/ 1478 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 971      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 507      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1478      **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:** B2 sands

### COSTS

BJ Services-B2	\$15,816
NPC frac wtr	\$1,167
NPC fuel gas	\$203
Weatherford tools/serv	\$2,450
Lone Wolf WL-B2	\$3,309
NPC Supervisor	\$100
Lone Wolf WL-D3,C,B.5	\$4,582

5000 gals of pad  
3319 gals W/ 1-5 ppg of 20/40 sand  
6622 gals W/ 5-8 ppg of 20/40 sand  
1678 gals W/ 8 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4171 gals of slick water

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

**Max TP:** 2420      **Max Rate:** 25.1 BPM      **Total fluid pmpd:** 507 bbls  
**Avg TP:** 2065      **Avg Rate:** 24.9 BPM      **Total Prop pmpd:** 65,465#'s  
**ISIP:** 2310      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .93

**Completion Supervisor:** Orson Barney

**DAILY COST:** \$27,627  
**TOTAL WELL COST:** \$378,286

# NEWFIELD



*Attachment G-1*  
*5 of 6*

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 15-24-9-15      **Report Date:** Oct. 21, 2006      **Day:** 3a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 323'      **Prod Csg:** 5-1/2" @ 5759'      **Csg PBDT:** 5675' WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBDT:** 4610'  
**BP:** 4750', 5030'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	4906-4928'	4/88
D3 sds	4442-4448'	4/24	CP2 sds	5358-5366'	4/32
C sds	4506-4512'	4/24			
B.5 sds	4554-4560'	4/24			
B2 sds	4635-4640'	4/20			
B2 sds	4644-4652'	4/32			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 20, 2006      **SITP:** \_\_\_\_\_ **SICP:** 310 psi

Day 3a.

RU BJ Services. 310 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. 520 psi on well. Frac B.5, C, D3 sds w/ 79,846#'s of 20/40 sand in 584 bbls of Lightning 17 fluid. Broke @ 2854 psi. Treated w/ ave pressure of 2164 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2300 psi. Leave pressure on well. 2062 BWTR. See Day 3b.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1478      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 584      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2062      **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, C, D3 sands

### COSTS

BJ Services-B.5,C,D3	\$18,983
NPC frac wtr	\$1,426
NPC fuel gas	\$248
Weatherford tools/serv	\$2,450
NPC Supervisor	\$150

6000 gals of pad  
4000 gals W/ 1-5 ppg of 20/40 sand  
8000 gals W/ 5-8 ppg of 20/40 sand  
2088 gals W/ 8 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 3936 gals of slick water

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

**Max TP:** 2379      **Max Rate:** 25.3 BPM      **Total fluid pmpd:** 584 bbls  
**Avg TP:** 2164      **Avg Rate:** 24.9 BPM      **Total Prop pmpd:** 79,846#'s  
**ISIP:** 2300      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .94

**Completion Supervisor:** Orson Barney

**DAILY COST:** \$23,257  
**TOTAL WELL COST:** \$401,543

# NEWFIELD



*Attachment G-1  
6 of 6*

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 15-24-9-15      **Report Date:** Oct. 21, 2006      **Day:** 3b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 323'      **Prod Csg:** 5-1/2" @ 5759'      **Csg PBDT:** 5675' WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBDT:** 4150'  
**BP:** 4610', 4750', 5030'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB 8 sds	4042-4050'	4/32	LODC	4906-4928'	4/88
D3 sds	4442-4448'	4/24	CP2 sds	5358-5366'	4/32
C sds	4506-4512'	4/24			
B.5 sds	4554-4560'	4/24			
B2 sds	4635-4640'	4/20			
B2 sds	4644-4652'	4/32			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 20, 2006      **SITP:** \_\_\_\_\_ **SICP:** 2035 psi

Day 3b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Set plug @ 4150'. Perforate PB 8 sds @ 4042- 50' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 32 shots. RU BJ Services. 2035 psi on well. Frac PB 8 sds w/ 20,405#'s of 20/40 sand in 286 bbls of Lightning 17 fluid. Broke @ 4011 psi. Treated w/ ave pressure of 2057 psi @ ave rate of 14.4 BPM. ISIP 1950 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hr & died. Rec. 196 BTF. SIWFN w/ 2152 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 2062      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 90      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2152      **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:** PB 8 sands  
1428 gals to breakdown & get crosslink.  
2000 gals of pad  
1511 gals W/ 1-4 ppg of 20/40 sand  
3125 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 3948 gals of slick water

**Max TP:** 2200      **Max Rate:** 14.5 BPM      **Total fluid pmpd:** 286 bbls  
**Avg TP:** 2057      **Avg Rate:** 14.4 BPM      **Total Prop pmpd:** 20,405#'s  
**ISIP:** 1950      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .92

**Completion Supervisor:** Orson Barney

### COSTS

BJ Services-PB8	\$20,589
NPC frac wtr	\$346
NPC fuel gas	\$60
Weatherford tools/serv	\$2,450
NPC Supervisor	\$150
Lone Wolf WL	\$5,904
Unichem chemicals	\$400
Monks pit reclaim	\$1,800
NPC sfc equipment	\$130,000
Boren labor/welding	\$19,500
NDSI wtr disposal	\$3,000
NPC location cleanup	\$300
MT west sanitation	\$600
<b>DAILY COST:</b>	<b>\$185,099</b>
<b>TOTAL WELL COST:</b>	<b>\$586,642</b>

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3992'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 42 sx Class G cement down 5-1/2" casing to 363'.

The approximate cost to plug and abandon this well is \$35,401.

# Ashley Federal 15-24-9-15

Spud Date: 09/06/06  
 Put on Production: 5873  
 K.B.: 6499, G.L.: 6487

Initial Production: BOPD,  
 MCFD, BWPD

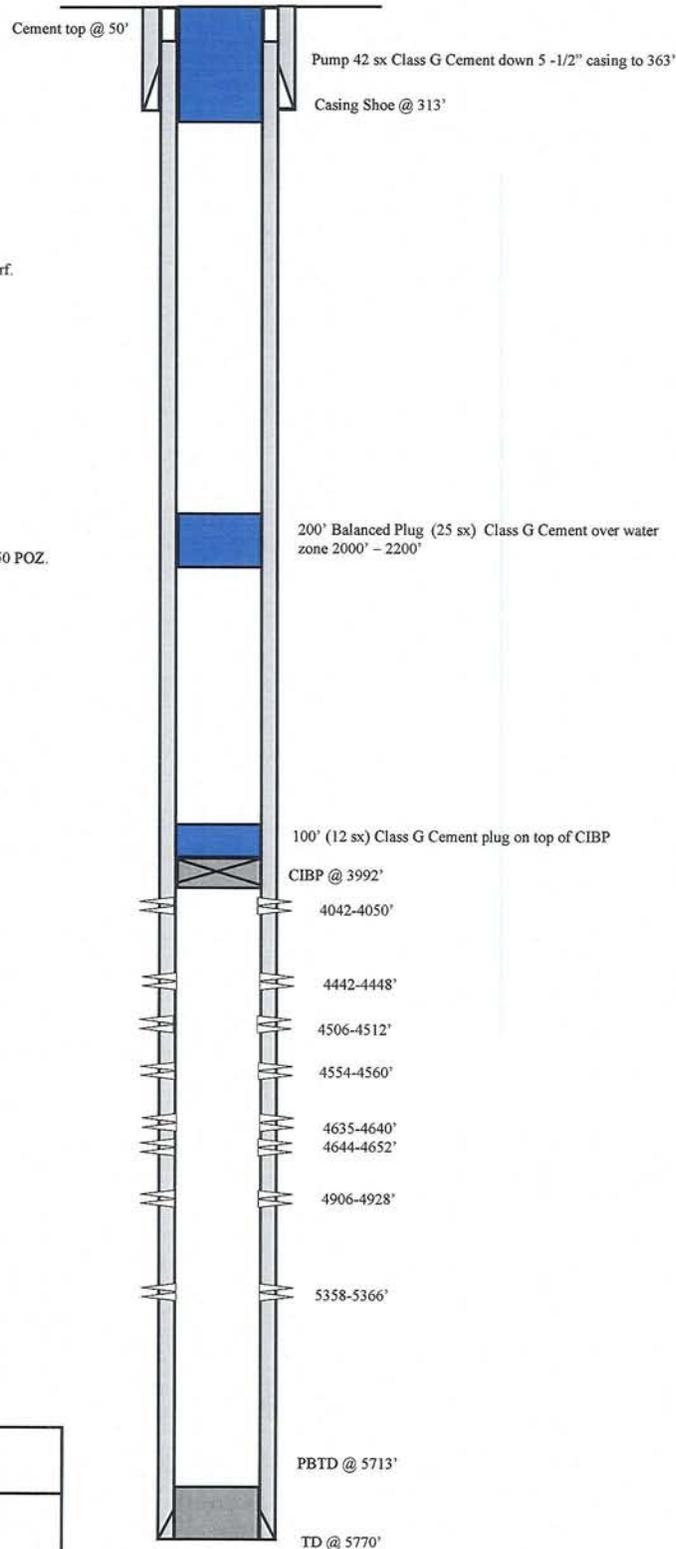
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.30')  
 DEPTH LANDED: 313.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5746.20')  
 DEPTH LANDED: 5759.45' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 50'



 <p><b>NEWFIELD</b></p>
<p><b>Ashley Federal 15-24-9-15</b></p> <p>358' FSL &amp; 1810' FEL</p> <p>SW/SE Section 24-T9S-R15E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32943; Lease #UTU-02458</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
358 FSL 1810 FEL  
SWSE Section 24 T9S R15E

5. Lease Serial No.

USA UTU-02458

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 FEDERAL 15-24-9-15

9. API Well No.

4301332943

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

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

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

David Gerbie

Signature



Title

Operations Engineer

Date

1-15-08

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

Approved by

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

Title

Office

Date

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 358 FSL 1810 FEL  
 SWSE Section 24 T9S R15E

5. Lease Serial No.  
 USA UTU-02458

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 FEDERAL 15-24-9-15

9. API Well No.  
 4301332943

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

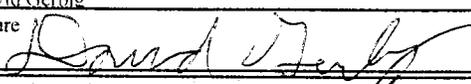
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

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

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

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

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

Signature: 

Title: Operations Engineer

Date: 1-15-08

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

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

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

Office \_\_\_\_\_

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

(Instructions on reverse)

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 15-24-9-15

**Location:** 24/9S/15E      **API:** 43-013-32943

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

**Well Integrity:** The proposed well has surface casing set at 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,759 feet. A cement bond log demonstrates adequate bond in this well up to 2,850 feet. A 2 7/8 inch tubing with a packer will be set at 4,007 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and 1 injection well in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 2,100 feet. Injection shall be limited to the interval between 3,669 feet and 5,656 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-24-9-15 well is .92 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,924 psig. The requested maximum pressure is 1,924 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 15-24-9-15**  
**page 2**

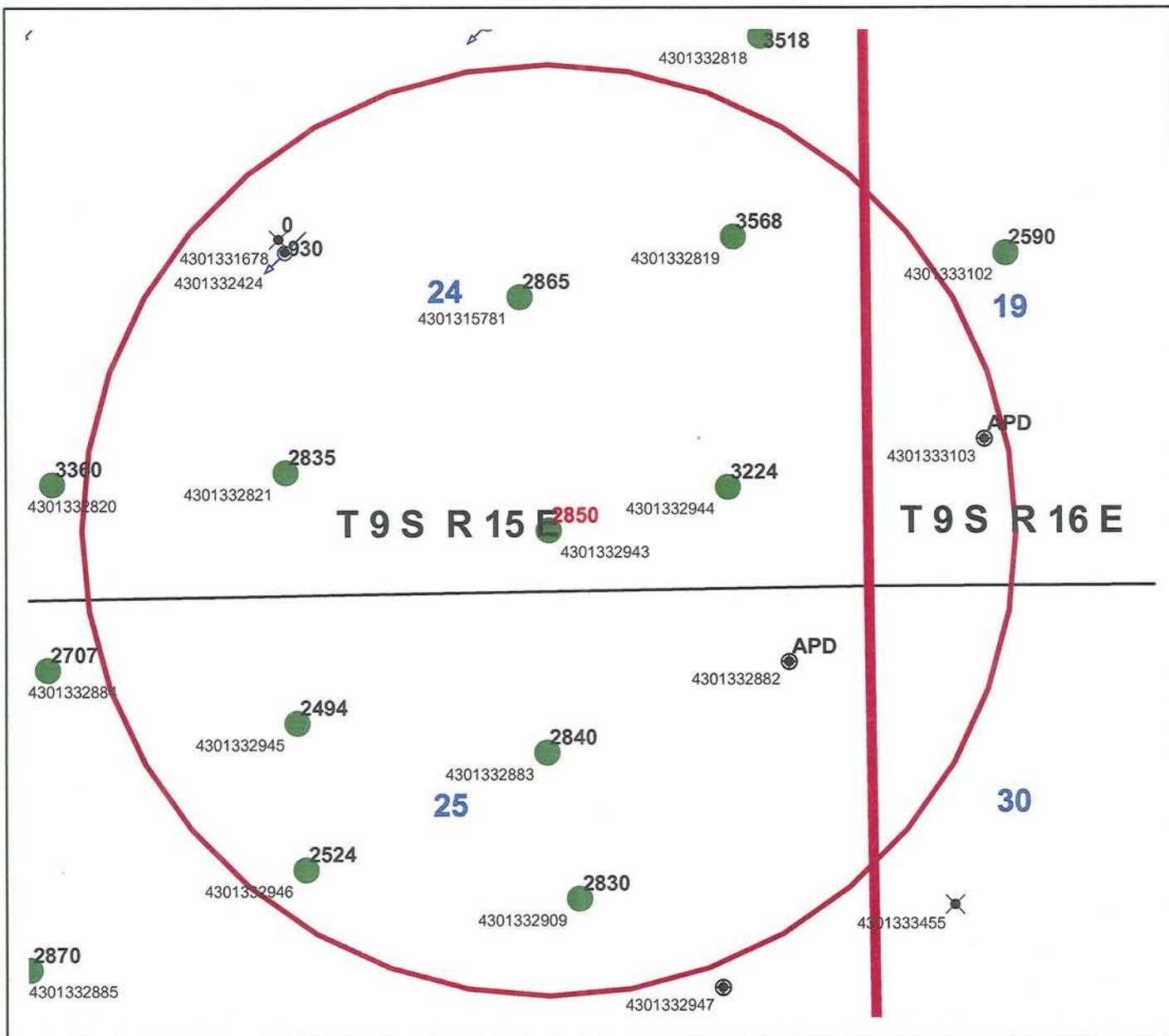
**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**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): Clinton Dworshak Date 01/29/2008



## Ashley Federal 15-24-9-15

### Legend

<b>wells point</b>	●	POW
<b>WELLTYPE</b>	☀	SGW
↗	—●	SOW
⚡	↗	TA
×	○	TW
•	↗	WDW
⊕	↗	WIW
☀	●	WSW



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

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	1001402352	02/11/2008

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000231941 /
SCHEDULE	
Start 02/08/2008	End 02/08/2008
CUST. REF. NO.	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
74 Lines	2.00 COLUMN
TIMES	RATE
2	
MISC. CHARGES	AD CHARGES
TOTAL COST	
190.00	

**COPY**

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINI FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTE IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON Start 02/08/2008 End 02/08/2008

SIGNATURE

*Sunny Crast*

*[Signature]*

DATE 02/11/2008

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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC 342

IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-24-9-15, ASHLEY FEDERAL 15-24-9-15, ASHLEY FEDERAL 3-25-9-15, ASHLEY FEDERAL 5-25-9-15, ASHLEY FEDERAL 7-25-9-15, ASHLEY FEDERAL 9-25-9-15, ASHLEY FEDERAL 11-25-9-15, ASHLEY FEDERAL 15-25-9-15, ASHLEY FEDERAL 5-26-9-15, ASHLEY FEDERAL 9-26-9-15, ASHLEY FEDERAL 11-26-9-15 WELLS LOCATED IN SECTIONS 24, 25, 26 TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Exploration Company for administrative approval of the Ashley Federal 13-24-9-15 well, located in SW/4 SW/4 Section 24, Ashley Federal 15-24-9-15 well, located in SW/4 SE/4 Section 24, Ashley Federal 3-25-9-15 well, located in NE/4 NW/4 Section 25, Ashley Federal 5-25-9-15, located in SW/4 NW/4 Section 25, Ashley Federal 7-25-9-15, located in SW/4 NE/4 Section 25, Ashley Federal 9-25-9-15, located in NE/4 SE/4 Section 25, Ashley Federal 11-25-9-15, located in NE/4 SW/4 Section 25, Ashley Federal 15-25-9-15, located in SW/4 SE/4 Section 25, Ashley Federal 5-26-9-15, located in SW/4 NW/4 Section 26, Ashley Federal 9-26-9-15, located in NE/4 SE/4 Section 26, Ashley Federal 11-26-9-15 wells, located in NE/4 SW/4 Section 26, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to a Class II injection well. This well is located in the Ashley Unit. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

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

Any person desiring to object to the proposed 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 this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 4th day of February, 2008

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Gil Hunt  
Associate Director

231941

UPAXLP



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
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

March 4, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 15-24-9-15, Section 24, Township 9 South, Range 15 East, Duchesne County, Utah

Mr. Dave Gerbig,

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.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,  
  
for Gil Hunt  
Associate Director

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-02458

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 15-24-9-15

9. API NUMBER:  
4301332943

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

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

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 358 FSL 1810 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 24, T9S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>08/30/2010</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 08/24/2010. On 08/30/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 08/27/2010. On 08/30/2010 the casing was pressured up to 1045 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 475 psig during the test. There was a State representative available to witness the test. (Dennis Ingram)

API# 43-013-32943

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 09/02/2010

(This space for State use only)

**RECEIVED**  
**SEP 07 2010**  
**DIV. OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

**ASHLEY 15-24-9-15**

**6/1/2010 To 10/30/2010**

**8/24/2010 Day: 1**

**Conversion**

WWS #7 on 8/24/2010 - LD rod string & pump. Start TOH W/ production tbg. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 20 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5314'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 60 jts. SIFN.

**Daily Cost:** \$0

**Cumulative Cost:** (\$65,390)

**8/25/2010 Day: 2**

**Conversion**

WWS #7 on 8/25/2010 - Finish TOH W/ tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 47 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 125 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 3982', CE @ 3986' & EOT @ 3990'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - Perform MIT. Run Vaughn Energy Services gyro survey.

**Daily Cost:** \$0

**Cumulative Cost:** (\$57,838)

**8/31/2010 Day: 3**

**Conversion**

Rigless on 8/31/2010 - Conversion Mit - On 8/27/2010 Dennis Ingram with the State of Utah DOGM was con tacted concerning the conversion MIT on the above listed well (Ashley 15-24-9-15) permission was given at that time to perform the test on 8/27/2010. On 8/30/2010 the casing was pressured up to 1045 psi and charted for 30 min with no pressure lose The well was not injecting during the test. There wasaState representative available to witness the test.The tubing pressure was 475 psi during the test. (Dennis Ingram) Final Report API# 43-013-32943 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** (\$26,098)

**Pertinent Files: Go to File List**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 8/30/10 Time 9:50  am  pm

Test Conducted by: Rowdy Cloward

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

Well: Ashley Federal 15-24-9-15

Field: Newfield Monument Butte

Well Location: Ashley Federal 15-24-9-15  
NE/NE SEC 24, T9S, R1E Duchesne County, UT  
UTW87538X

API No: 43-013-32943

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1045</u>	psig
5	<u>1045</u>	psig
10	<u>1045</u>	psig
15	<u>1045</u>	psig
20	<u>1045</u>	psig
25	<u>1045</u>	psig
30 min	<u>1045</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 475 psig

Result:  **Pass**  **Fail**

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

Signature of Person Conducting Test: \_\_\_\_\_

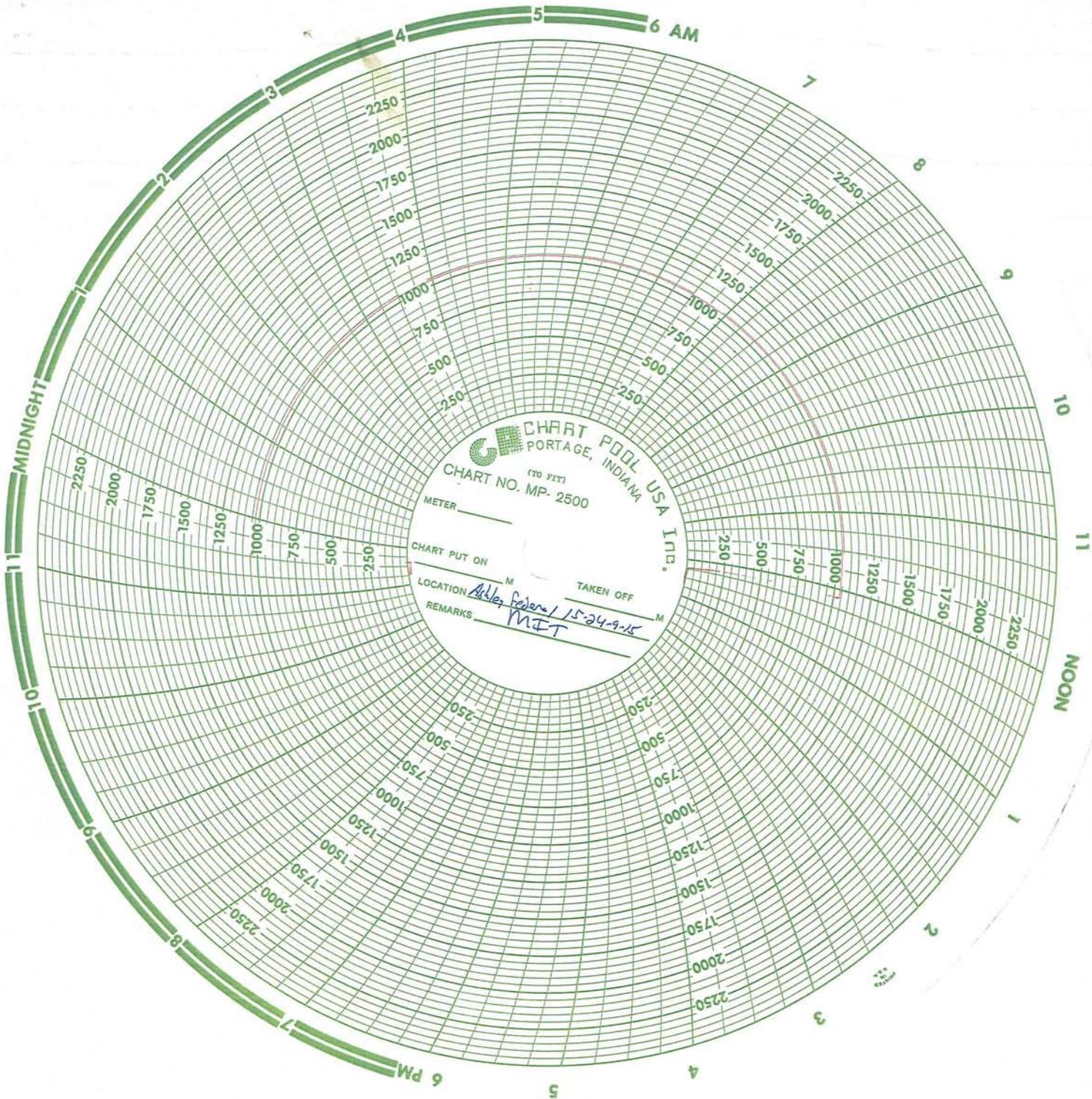


CHART POOL USA Inc.  
PORTAGE, INDIANA  
CHART NO. (70 FIT) MP- 2500

METER \_\_\_\_\_

CHART PUT ON \_\_\_\_\_

LOCATION Adley Station

TAKEN OFF \_\_\_\_\_

REMARKS MIT 15-24-9-15



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

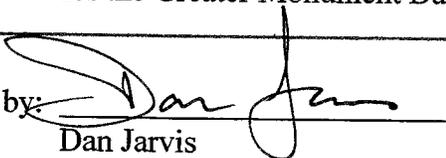
Cause No. UIC-342

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 15-24-9-15  
**Location:** Section 24, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32943  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 4, 2008.
2. Maximum Allowable Injection Pressure: 1,924 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,669' – 5,656')
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:

  
Dan Jarvis  
Acting Associate Director

Date

9/20/10

DJJ/MLR/js

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

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



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-02458

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 15-24-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332943

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

PHONE NUMBER  
435.646.3721

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 358 FSL 1810 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 24, T9S, R15E

STATE: UT

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

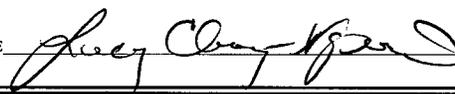
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>10/06/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above reference well was put on injection at 10:30 AM on 10/06/2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 10/06/2010

(This space for State use only)

**RECEIVED**  
**OCT 12 2010**  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-02458
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 15-24-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013329430000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0358 FSL 1810 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S
	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/13/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Step Rate Test"/>

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

A step rate test was conducted on the subject well on August 13, 2012. Results from the test indicate that the fracture gradient is 0.965 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1924 psi to 2125 psi.

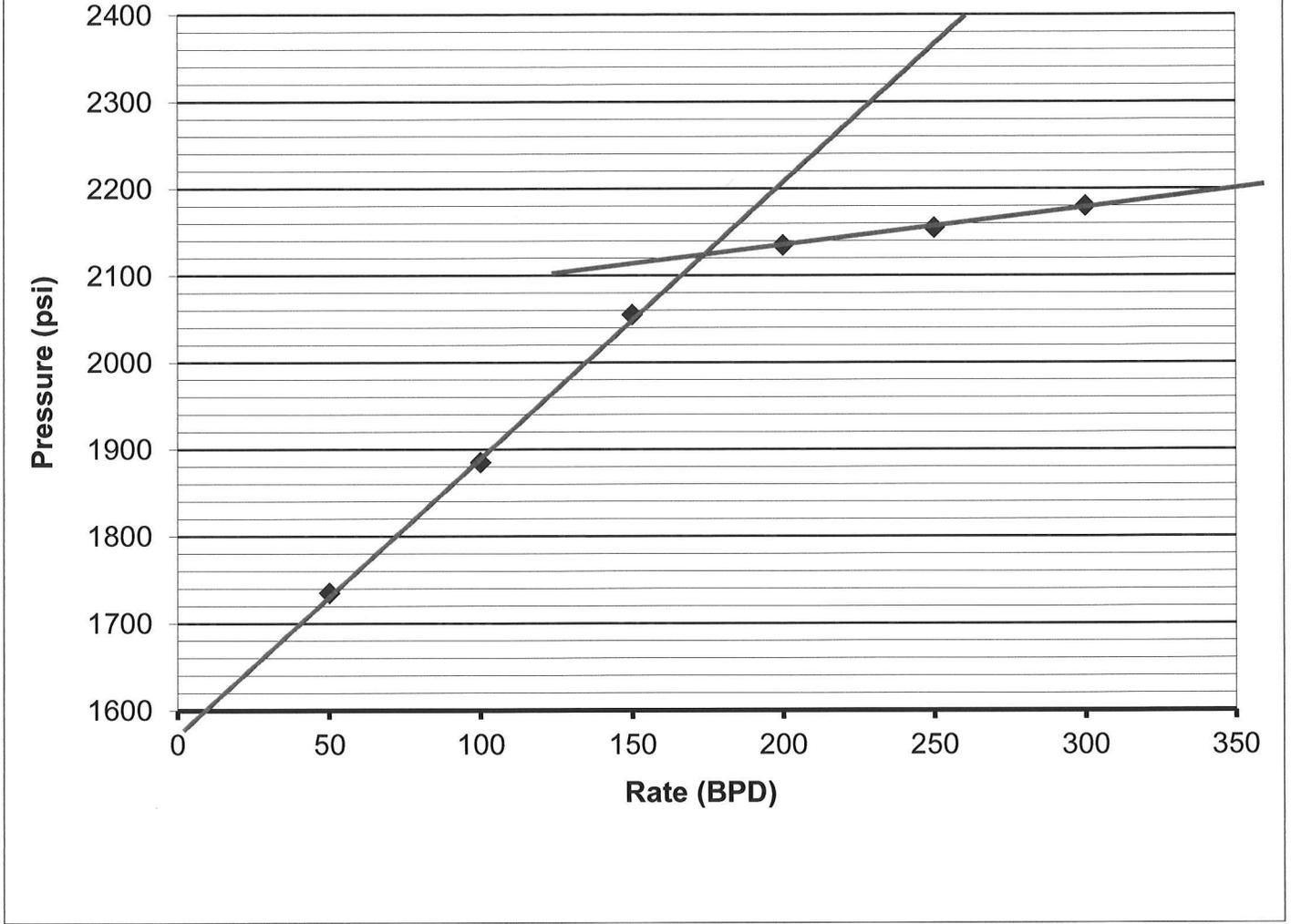
**Accepted by the Utah Division of Oil, Gas and Mining**

Date: August 28, 2012

By:

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/15/2012	

**Ashley Federal 15-24-9-15  
Greater Monument Butte Unit  
Step Rate Test  
August 13, 2012**



<b>Start Pressure:</b>	1590 psi	<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
		1	50	1735
		2	100	1885
<b>Top Perforation:</b>	4042 feet	3	150	2055
<b>Fracture pressure (Pfp):</b>	2125 psi	4	200	2135
<b>FG:</b>	0.965 psi/ft	5	250	2155
		6	300	2180

**Data Table Report**

Report Name: PrTrans1000IS Data Table  
 Report Date: 08/13/2012 13:05:43  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Ashley Federal 15-24-9-15 SRT (8-13-2012).csv  
 Device: PrTrans1000IS - Pressure Transient Recorder  
 Hardware Revision: REV2 (512K)  
 Serial Number: N83561  
 Device ID: PRT1K  
 Data Start Date: Aug 13, 2012 05:00:00.000 AM MDT  
 Data End Date: Aug 13, 2012 11:30:01.000 AM MDT  
 Reading: 1 to 79 of 79  
 Reading Rate: 0.100 Seconds  
 Last Calibration Date: Jul 05, 2012  
 Next Calibration Date: Jul 05, 2013  
 Next Calibration Date: Jul 05, 2013

**Ashley Federal 15-24-9-15 SRT (8-13-2012)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 1 PSIA
---------	----------------	-------------------

1	Aug 13, 2012 05:00:00 AM	1590
2	Aug 13, 2012 05:05:00 AM	1590
3	Aug 13, 2012 05:10:00 AM	1590
4	Aug 13, 2012 05:15:00 AM	1590
5	Aug 13, 2012 05:20:01 AM	1590
6	Aug 13, 2012 05:25:00 AM	1585
7	Aug 13, 2012 05:30:01 AM	1590
8	Aug 13, 2012 05:35:00 AM	1670
9	Aug 13, 2012 05:40:01 AM	1690
10	Aug 13, 2012 05:45:00 AM	1700
11	Aug 13, 2012 05:50:00 AM	1705
12	Aug 13, 2012 05:55:00 AM	1710
13	Aug 13, 2012 06:00:00 AM	1715
14	Aug 13, 2012 06:05:01 AM	1720
15	Aug 13, 2012 06:10:00 AM	1725
16	Aug 13, 2012 06:15:01 AM	1725
17	Aug 13, 2012 06:20:00 AM	1730
18	Aug 13, 2012 06:25:01 AM	1735
19	Aug 13, 2012 06:30:00 AM	1735
20	Aug 13, 2012 06:35:00 AM	1795
21	Aug 13, 2012 06:40:00 AM	1820
22	Aug 13, 2012 06:45:00 AM	1835
23	Aug 13, 2012 06:50:01 AM	1840
24	Aug 13, 2012 06:55:00 AM	1850
25	Aug 13, 2012 07:00:01 AM	1855
26	Aug 13, 2012 07:05:00 AM	1860
27	Aug 13, 2012 07:10:01 AM	1865
28	Aug 13, 2012 07:15:00 AM	1875
29	Aug 13, 2012 07:20:00 AM	1880
30	Aug 13, 2012 07:25:00 AM	1885
31	Aug 13, 2012 07:30:00 AM	1885
32	Aug 13, 2012 07:35:01 AM	1930
33	Aug 13, 2012 07:40:00 AM	1955
34	Aug 13, 2012 07:45:01 AM	1980
35	Aug 13, 2012 07:50:00 AM	1990
36	Aug 13, 2012 07:55:01 AM	2010
37	Aug 13, 2012 08:00:00 AM	2015
38	Aug 13, 2012 08:05:00 AM	2025



**Data Table Report**

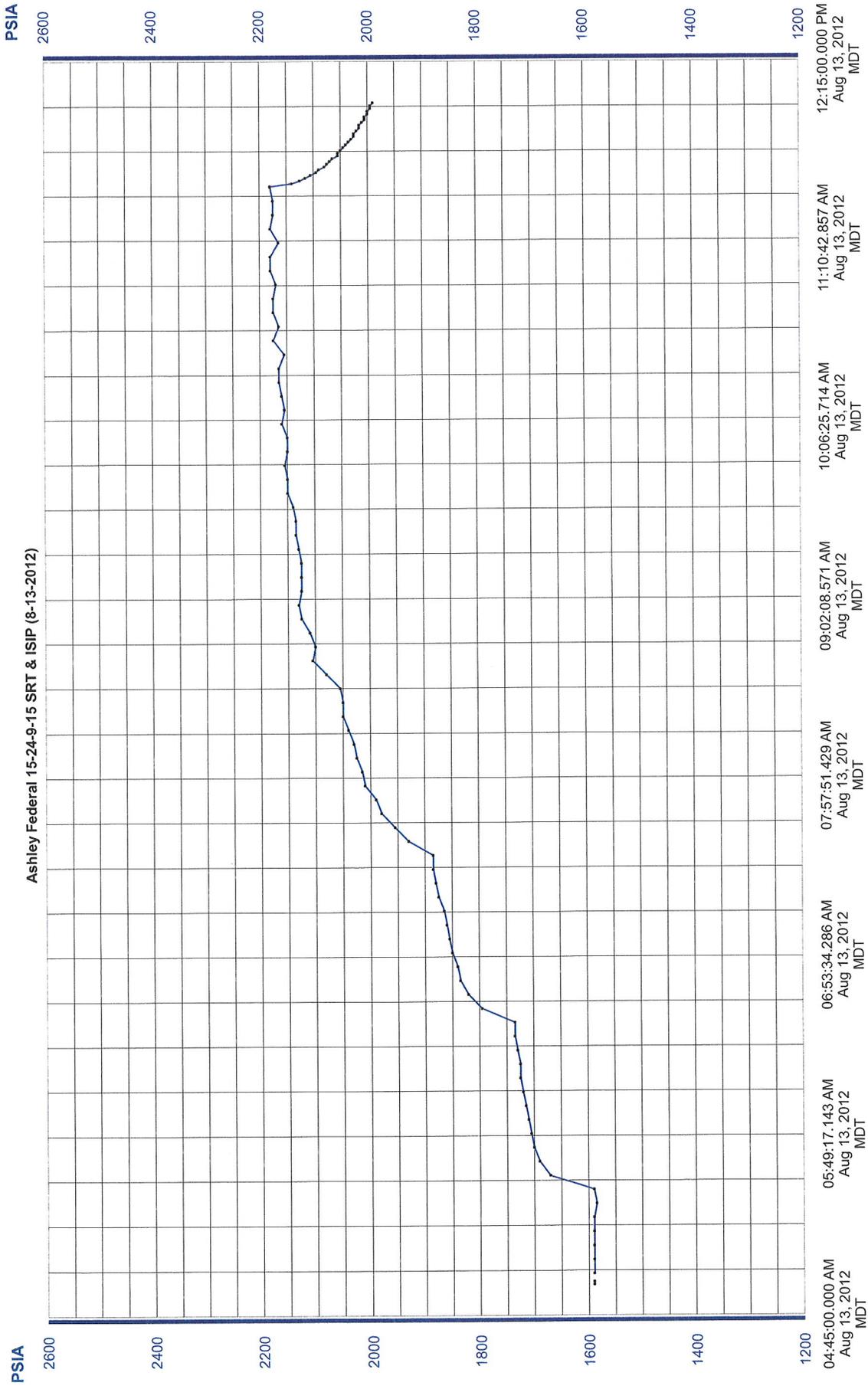
Report Name: PrTrans1000IS Data Table  
 Report Date: 08/13/2012 13:05:55  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Ashley Federal 15-24-9-15 ISIP (8-13-2012).csv  
 Device: PrTrans1000IS - Pressure Transient Recorder  
 Hardware Revision: REV2 (512K)  
 Serial Number: N83561  
 Device ID: PRT1K  
 Data Start Date: Aug 13, 2012 11:30:12.000 AM MDT  
 Data End Date: Aug 13, 2012 12:00:12.000 PM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 0.100 Seconds  
 Last Calibration Date: Jul 05, 2012  
 Next Calibration Date: Jul 05, 2013  
 Next Calibration Date: Jul 05, 2013

**Ashley Federal 15-24-9-15 ISIP (8-13-2012)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 1 PSIA
1	Aug 13, 2012 11:30:12 AM	2180
2	Aug 13, 2012 11:31:12 AM	2140
3	Aug 13, 2012 11:32:12 AM	2125
4	Aug 13, 2012 11:33:12 AM	2115
5	Aug 13, 2012 11:34:12 AM	2105
6	Aug 13, 2012 11:35:12 AM	2095
7	Aug 13, 2012 11:36:12 AM	2090
8	Aug 13, 2012 11:37:12 AM	2080
9	Aug 13, 2012 11:38:13 AM	2075
10	Aug 13, 2012 11:39:12 AM	2070
11	Aug 13, 2012 11:40:12 AM	2065
12	Aug 13, 2012 11:41:13 AM	2055
13	Aug 13, 2012 11:42:12 AM	2055
14	Aug 13, 2012 11:43:12 AM	2050
15	Aug 13, 2012 11:44:12 AM	2045
16	Aug 13, 2012 11:45:12 AM	2040
17	Aug 13, 2012 11:46:12 AM	2035
18	Aug 13, 2012 11:47:12 AM	2030
19	Aug 13, 2012 11:48:12 AM	2025
20	Aug 13, 2012 11:49:12 AM	2025
21	Aug 13, 2012 11:50:12 AM	2020
22	Aug 13, 2012 11:51:12 AM	2015
23	Aug 13, 2012 11:52:12 AM	2015
24	Aug 13, 2012 11:53:12 AM	2010
25	Aug 13, 2012 11:54:13 AM	2005
26	Aug 13, 2012 11:55:12 AM	2005
27	Aug 13, 2012 11:56:12 AM	2000
28	Aug 13, 2012 11:57:13 AM	2000
29	Aug 13, 2012 11:58:12 AM	1995
30	Aug 13, 2012 11:59:12 AM	1995
31	Aug 13, 2012 12:00:12 PM	1990

End of Report



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-02458	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 15-24-9-15	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013329430000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>PHONE NUMBER:</b> 435 646-4825 Ext			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0358 FSL 1810 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> 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 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
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/16/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
	<input checked="" type="checkbox"/> OTHER		OTHER: <input type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 07/13/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/16/2015 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1809 psig during the test. There was a State representative available to witness the test - Richard Powell.</p>			
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 20, 2015</b></p>			
<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> 7/17/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

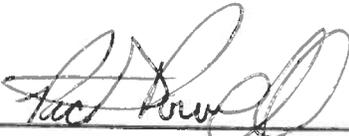
Witness: Richard Powell Date 07/16/15 Time 8:38 (am) pm  
Test Conducted by: Michael Jensen  
Others Present: Jeremy Price, Britt Jensen

Well: Ashley Federal 15-24-9-15 Field: Monument Butte  
Well Location: SW/SE Sec. 24, T9S, R15E API No: 43-013-32943

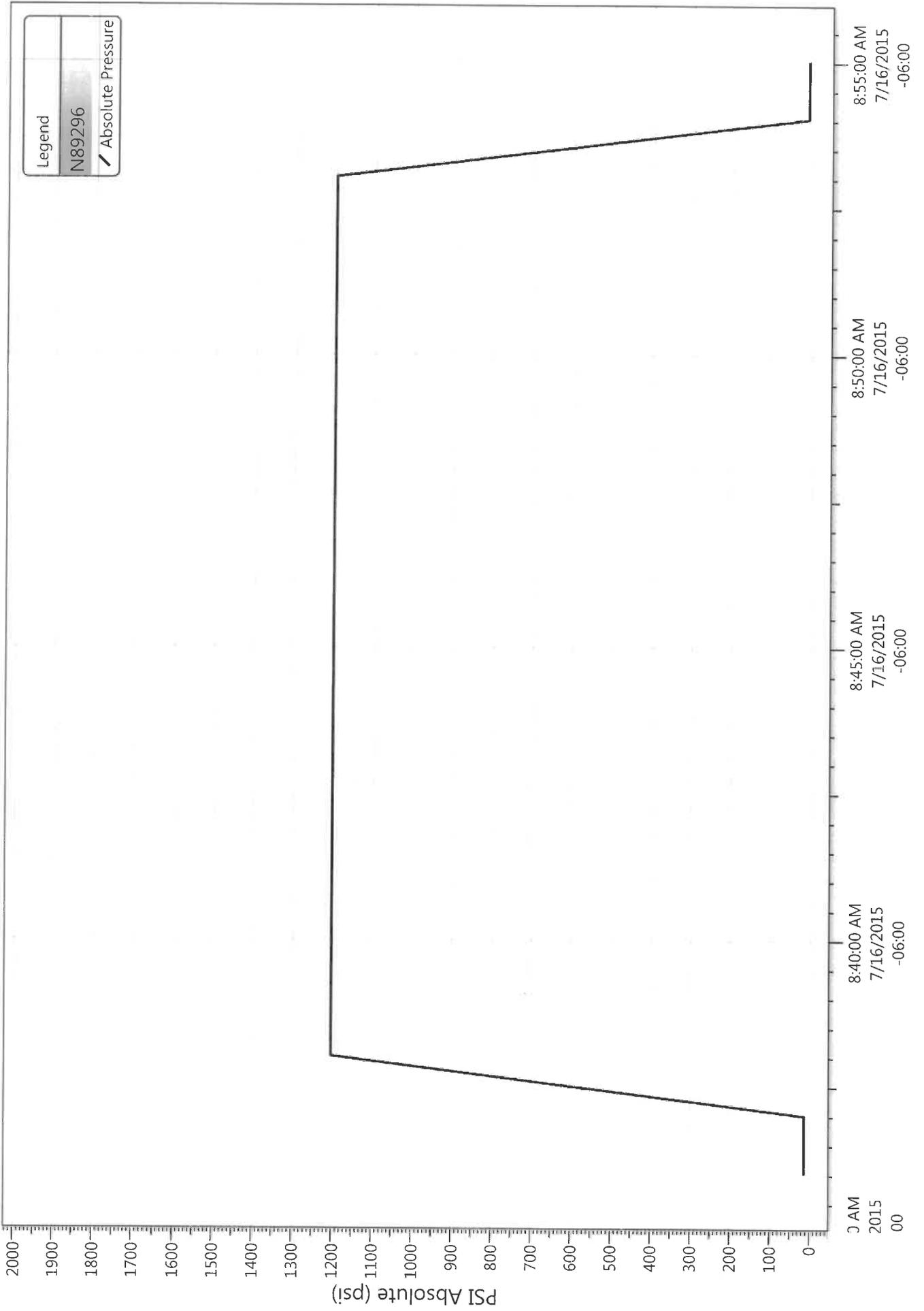
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1202.8</u>	psig
5	<u>1201.6</u>	psig
10	<u>1201.2</u>	psig
15	<u>1200.2</u>	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1809 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: 

Ashley Federal 15-24-9-15 5 year MIT (7-16-15)  
7/16/2015 8:35:26 AM



**NEWFIELD**

**Schematic**

43-013-32943

Well Name: Ashley 15-24-9-15

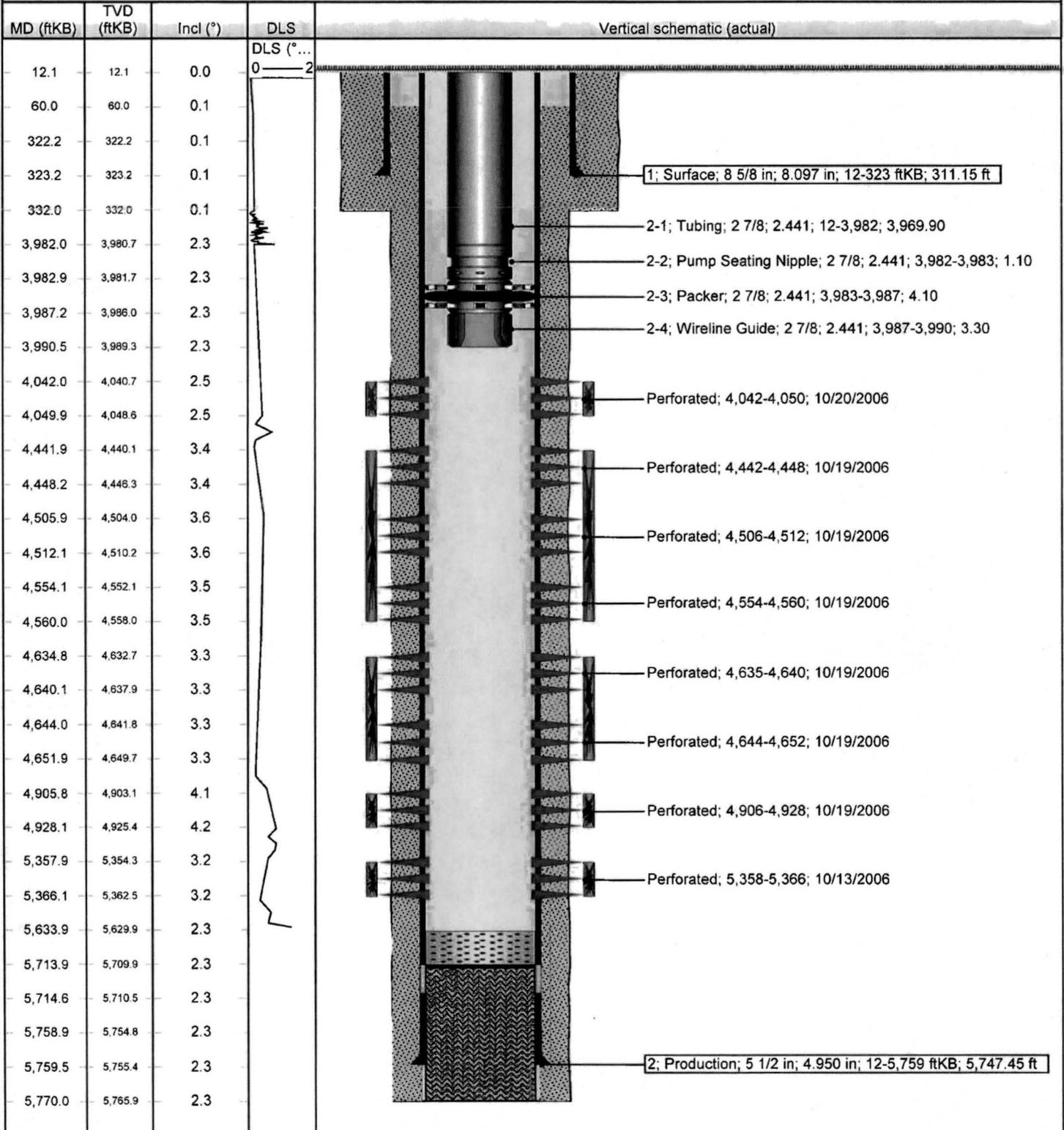
Surface Legal Location 24-9S-15E		API/UWI 43013329430000	Well RC 500159058	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 10/27/2006	Original KB Elevation (ft) 6,105	Ground Elevation (ft) 6,117	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,713.9	

**Most Recent Job**

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 7/16/2015	Job End Date 7/16/2015
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TD: 5,770.0

Vertical - Original Hole, 12/7/2015 8:11:12 AM





## Newfield Wellbore Diagram Data Ashley 15-24-9-15

Surface Legal Location 24-9S-15E		API/UWI 43013329430000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 9/6/2006		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 6,105		Ground Elevation (ft) 6,117		Total Depth (ftKB) 5,770.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,713.9	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/6/2006	8 5/8	8.097	24.00	J-55	323
Production	9/28/2006	5 1/2	4.950	15.50	J-55	5,759

Cement				
String: Surface, 323ftKB 9/8/2006				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	12.0	332.0		3.0
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Lead	160	G	12.0

String: Production, 5,759ftKB 9/28/2006				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	60.0	5,770.0		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Premilite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	Lead	330	Premium Plus	60.0
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
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	Tail	450	50/50 POZ	2,885.0

Tubing Strings										
Tubing Description					Run Date	Set Depth (ftKB)				
Tubing					8/24/2010	3,990.4				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Tubing	125	2 7/8	2.441	6.50	J-55	3,969.90	12.0	3,981.9		
Pump Seating Nipple	1	2 7/8	2.441			1.10	3,981.9	3,983.0		
Packer	1	2 7/8	2.441			4.10	3,983.0	3,987.1		
Wireline Guide	1	2 7/8	2.441			3.30	3,987.1	3,990.4		

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

Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Full Date
Fill	5,634	5,714	11/6/2007	

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	PB8, Original Hole	4,042	4,050	4	90	0.430	10/20/2006
4	B.5/C/D3, Original Hole	4,442	4,448	4	90	0.430	10/19/2006
4	B.5/C/D3, Original Hole	4,506	4,512	4	90	0.430	10/19/2006
4	B.5/C/D3, Original Hole	4,554	4,560	4	90	0.430	10/19/2006
3	B2, Original Hole	4,635	4,640	4	90	0.430	10/19/2006
3	B2, Original Hole	4,644	4,652	4	90	0.430	10/19/2006
2	LODC, Original Hole	4,906	4,928	4	90	0.430	10/19/2006
1	CP2, Original Hole	5,358	5,366	4	90		10/13/2006

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,125	0.83	25.4	2,350			
2	2,250	0.89	25.0	2,970			
3	2,310	0.93	25.1	2,420			
4	2,300	0.94	25.3	2,379			
5	1,950	0.92	14.5	2,200			

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 34064 lb
2		Proppant Bulk Sand 39301 lb



### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant Bulk Sand 65465 lb
4		Proppant Bulk Sand 79846 lb
5		Proppant Bulk Sand 20405 lb