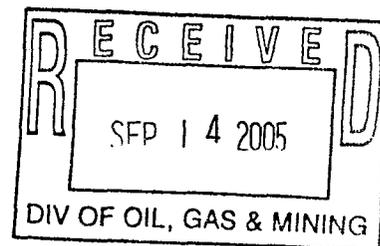


NEWFIELD



August 13, 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 1-26-9-15, 4-26-9-15, 5-26-9-15, 9-26-9-15, 10-26-9-15, 11-26-9-15, 12-26-9-15, 13-26-9-15, 14-26-9-15, and 15-26-9-15. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 1-26-9-15, 11-26-9-15, and 15-26-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

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-66185

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 14-26-9-15

9. API Well No.  
43-013-32907

10. Field and Pool, or Exploratory  
~~Monument Butte~~ Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area  
SE/SW Sec. 26, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
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 SE/SW 468' FSL 1836' FWL 568165X 39.995884  
At proposed prod. zone 4427396Y 110.201508

14. Distance in miles and direction from nearest town or post office\*  
Approximately 19.6 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. 468' f/lse & 468' f/unit

16. No. of Acres in lease  
2,286.43

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. 1364'

19. Proposed Depth  
5940'

20. BLM/BIA Bond No. on file  
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6551' 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:

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 9/13/05

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 09-19-05

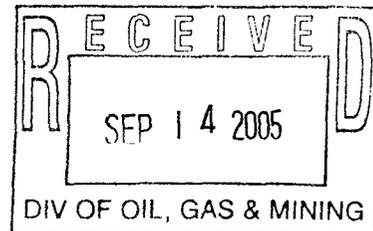
Title ENVIRONMENTAL SCIENTIST III

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)

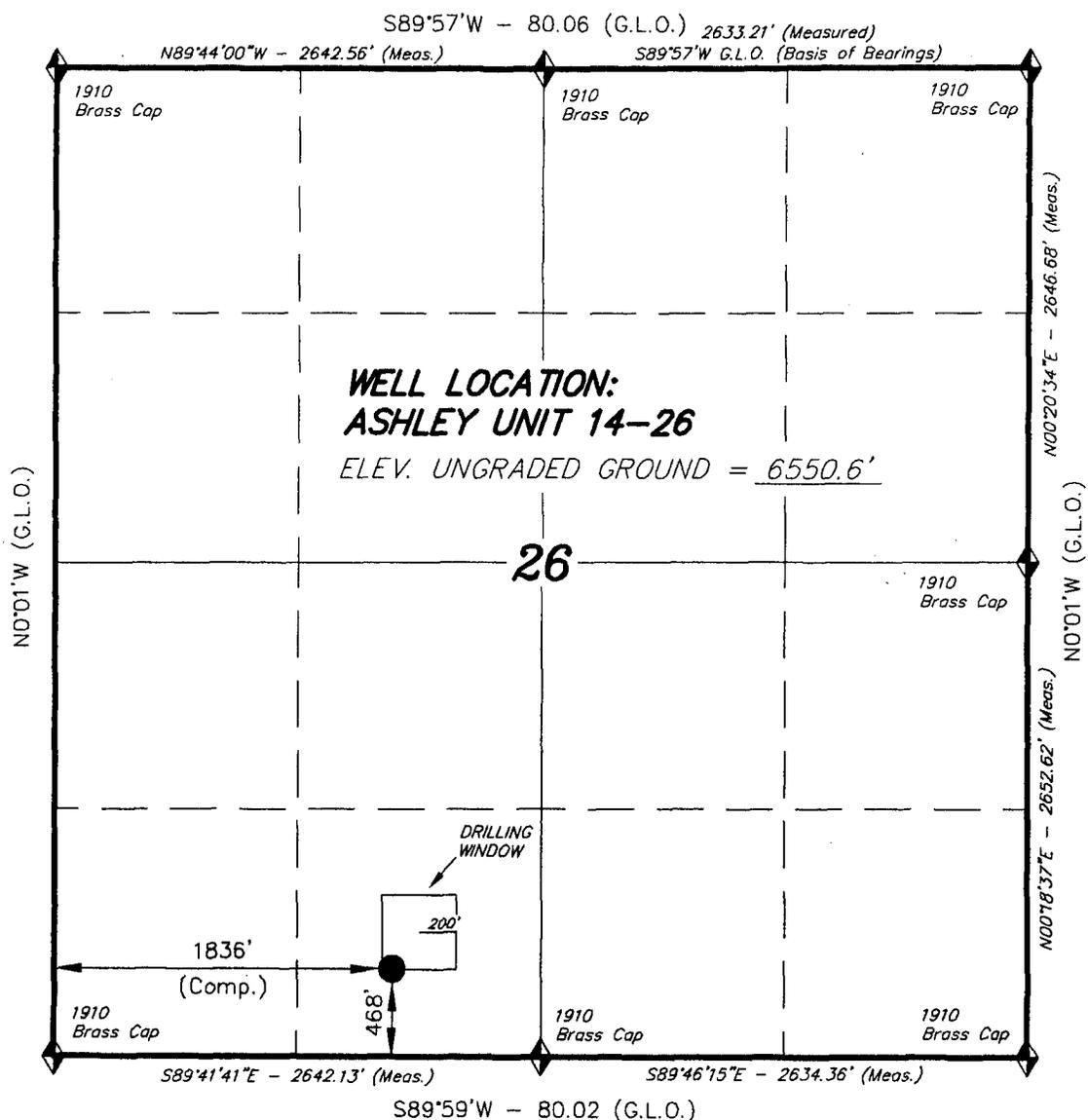
Federal Approval of this  
Action is Necessary



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

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 14-26,  
 LOCATED AS SHOWN IN THE SE 1/4 SW  
 1/4 OF SECTION 26, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**  
 The Proposed Well head bears  
 N76°00'58"E 1894.72' from the  
 Southwest Corner of Section 26.

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

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

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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 7-11-05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #14-26-9-15  
SE/SW SECTION 26, 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' – 2515'
Green River	2515'
Wasatch	5940'

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

Green River Formation 2515' – 5940' - 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 #14-26-9-158  
SE/SW SECTION 26, 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 #14-26-9-15 located in the SE 1/4 SW 1/4 Section 26, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles ± to its junction with an existing road to the southwest; proceed southwesterly - 13.1 miles ± to its junction with an existing road to the southwest; proceed southwesterly - 0.9 miles ± along an access road to be upgraded to its junction with the beginning of the proposed access road; proceed along the proposed access road - 2.2 miles ± 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 #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #14-26-9-15 Newfield Production Company requests 11,735' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2,460' of disturbed area be granted in Lease UTU-027345, and 14,865' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 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.

**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**

None.

**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)

Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	3 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #14-26-9-15 was on-sited on 6/8/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (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 #14-26-9-15 SE/SW Section 26, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

9/13/05

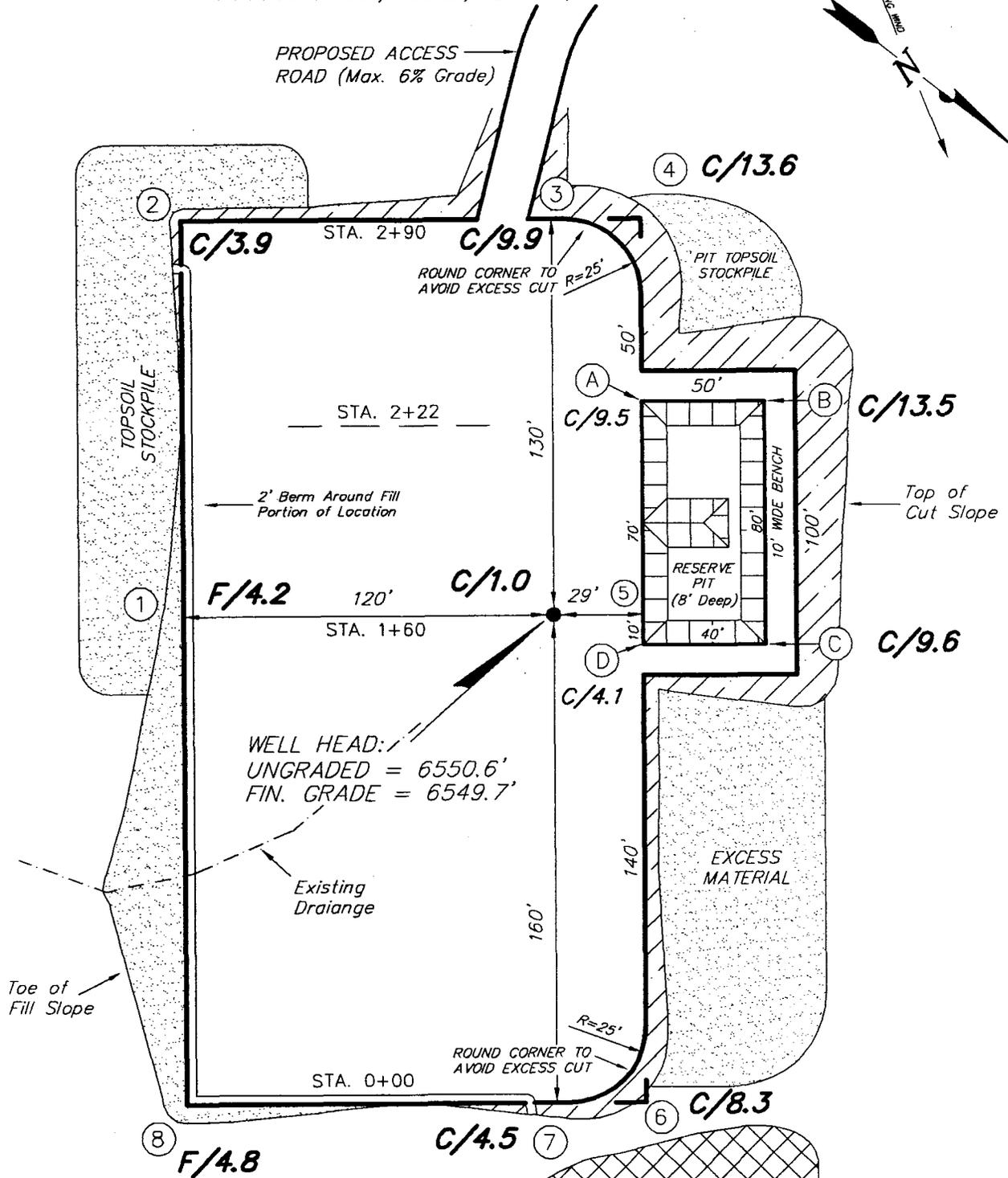
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 14-26

Section 26, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

- 210' NORTHEAST = 6557.1'
- 260' NORHTEAST = 6562.7'
- 170' SOUTHEAST = 6541.9'
- 220' SOUTHEAST = 6542.0'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

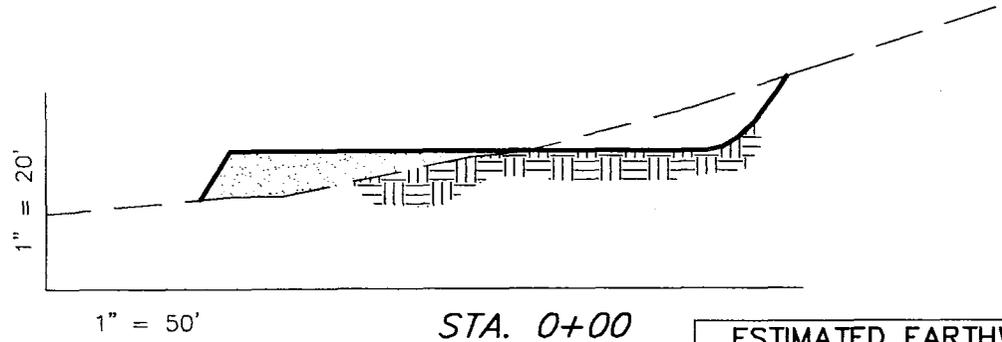
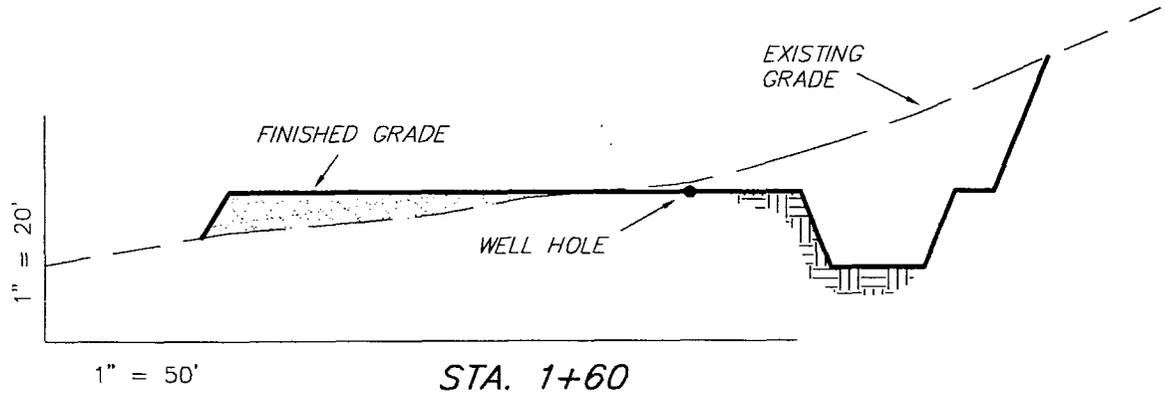
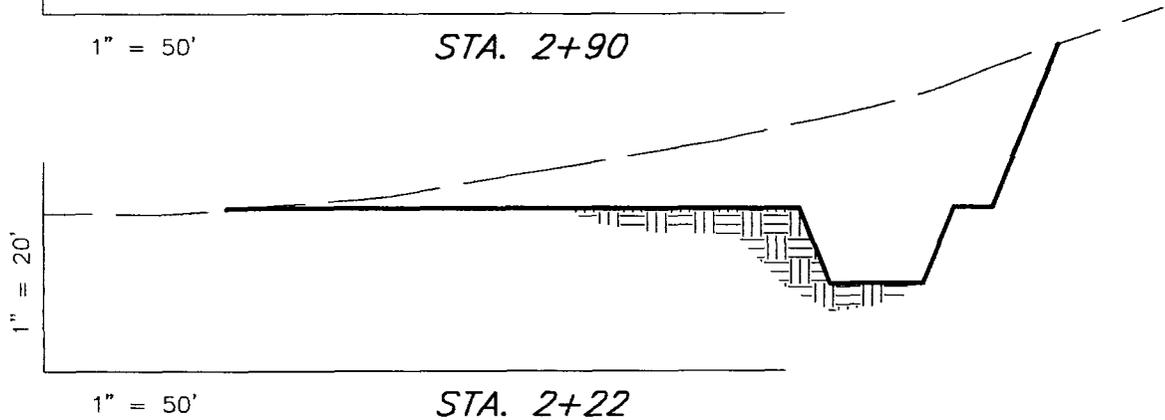
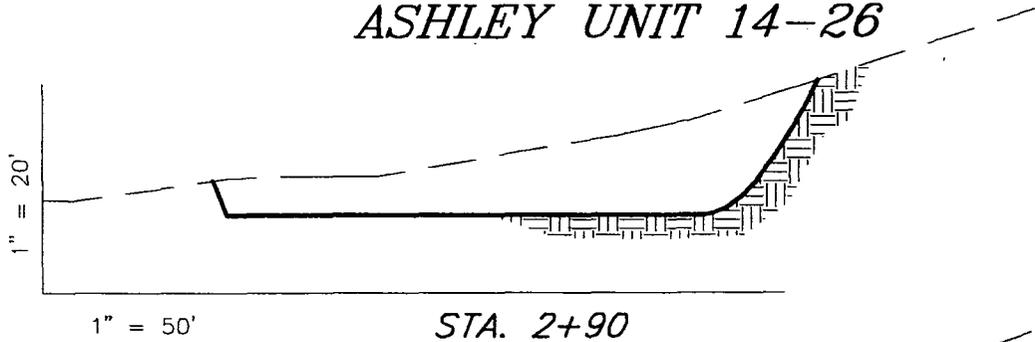
DATE: 7-8-05

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 14-26



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,430	4,650	Topsoil is not included in Pad Cut	780
PIT	640	0		640
TOTALS	6,070	4,650	1,050	1,420

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

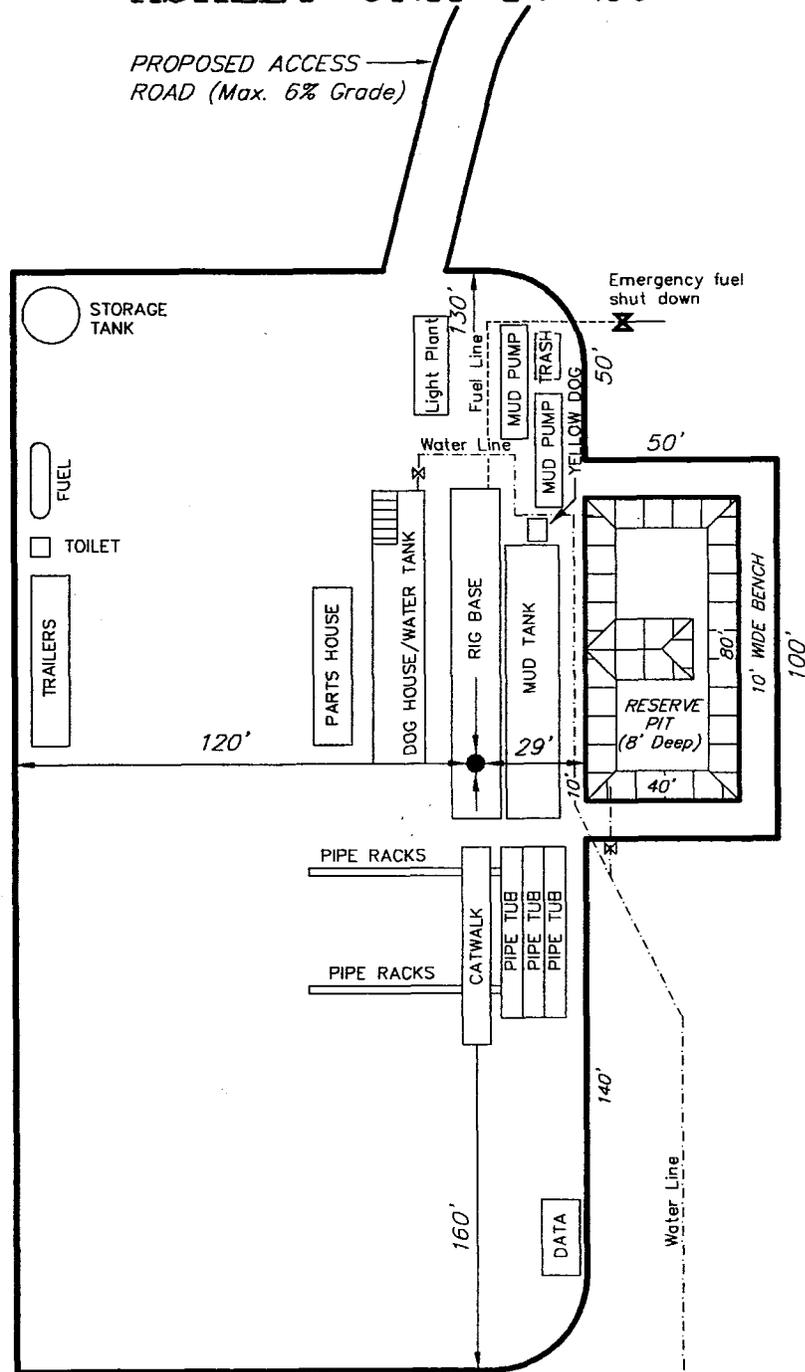
DATE: 7-8-05

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

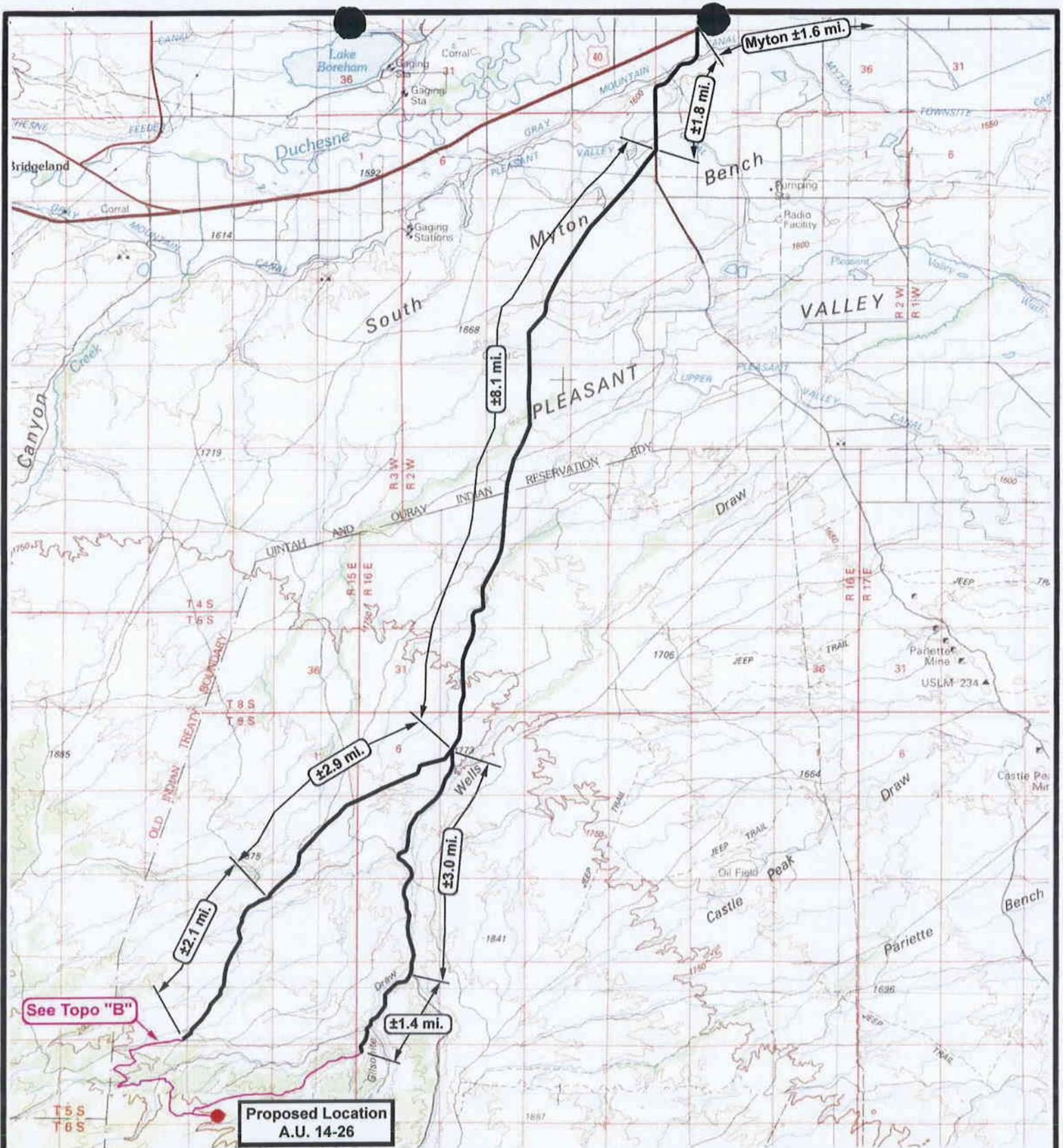
# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 14-26



SURVEYED BY: D.P.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 7-8-05	



See Topo "B"

Proposed Location  
A.U. 14-26



**NEWFIELD**  
Exploration Company

**Ashley Unit 14-26-9-15**  
**SEC. 26, T9S, R15E, S.L.B.&M.**



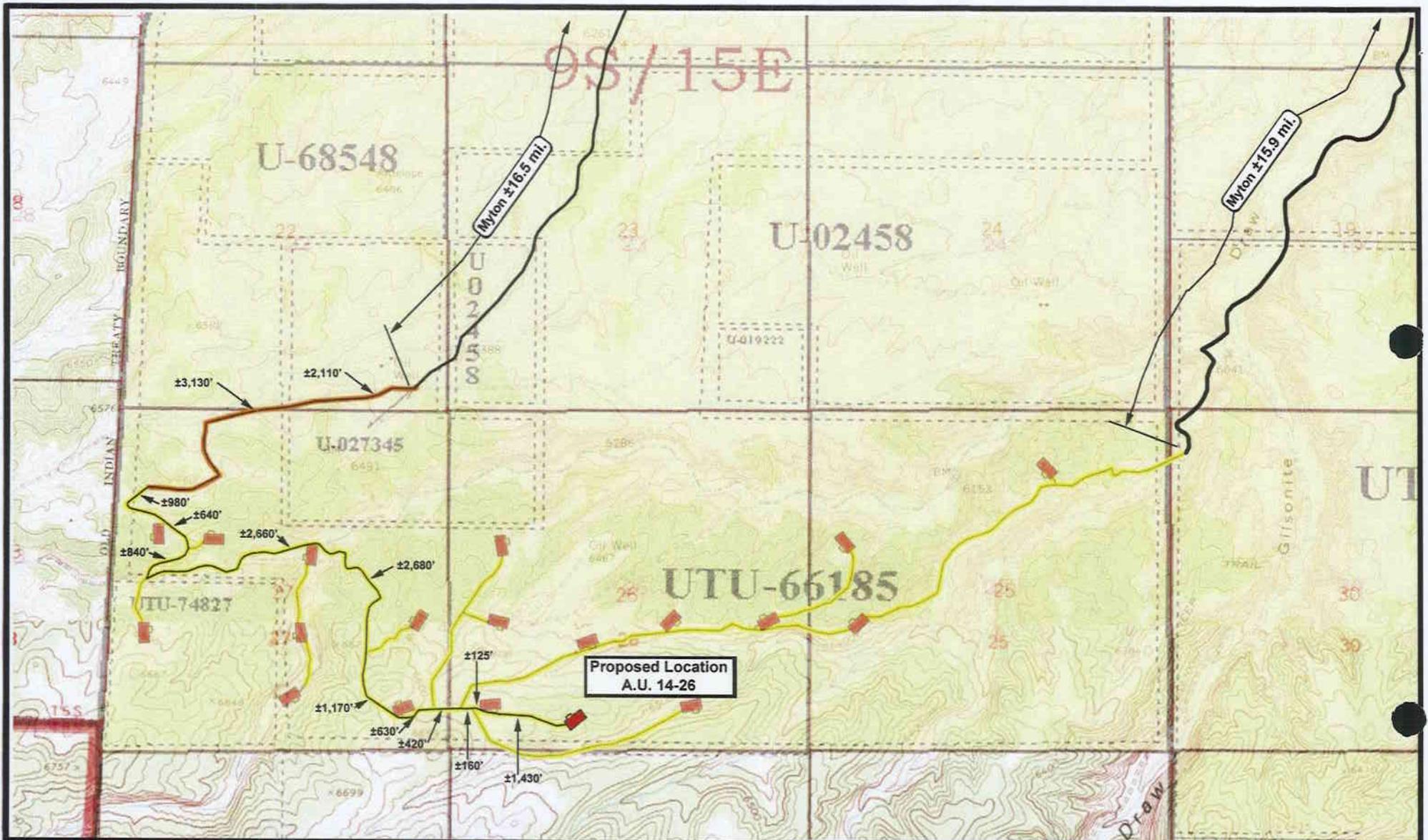
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 07-20-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**NEWFIELD**  
Exploration Company

**Ashley Unit 14-26-9-15**  
**SEC. 26, 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: 07-19-2005

**Legend**

- Existing Road
- Proposed Access
- Upgraded Access

**"B"**

9S / 15E

U-68548

U-02458

U-027345

UTU-66185

UTU-74827

Proposed Location  
A.U. 14-26



**NEWFIELD**  
Exploration Company

**Ashley Unit 14-26-9-15**  
**SEC. 26, T9S, R15E, S.L.B.&M.**



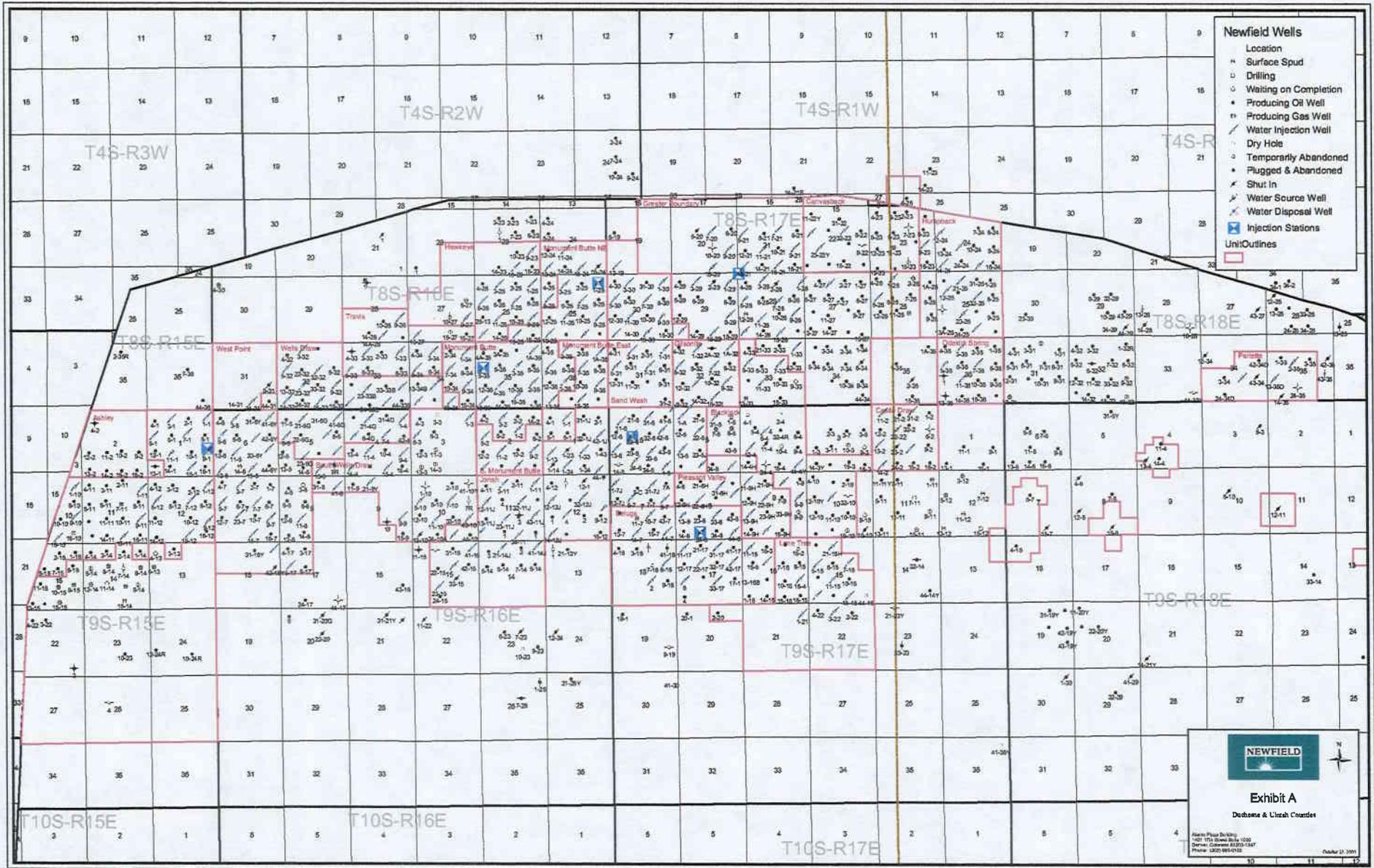
*Tri-State*  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

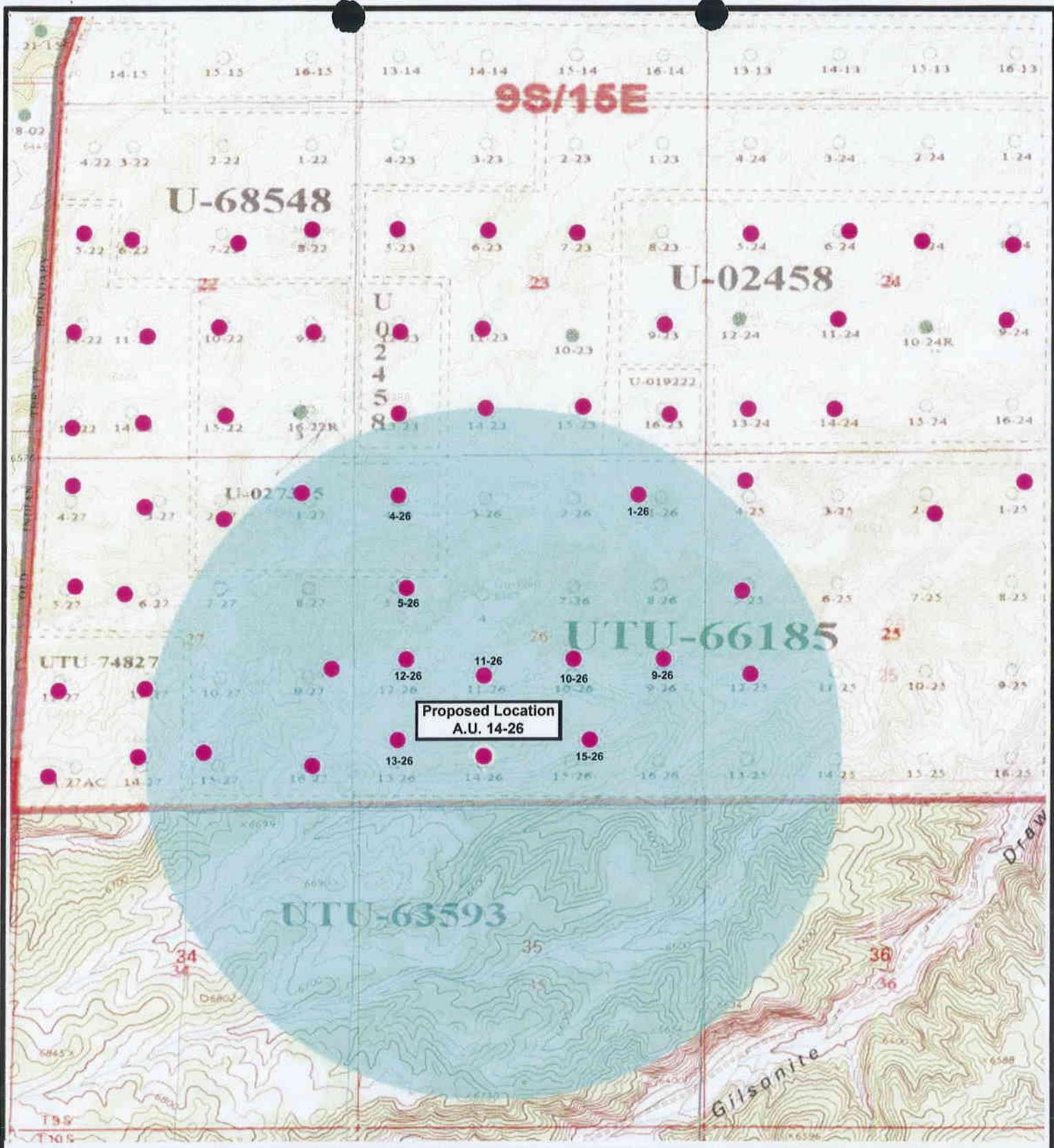
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 07-19-2005

**Legend**

- Roads
- - - Proposed Gas Line

**"C"**





**NEWFIELD**  
Exploration Company

---

**Ashley Unit 14-26-9-15**  
**SEC. 26, 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: 07-19-2005

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

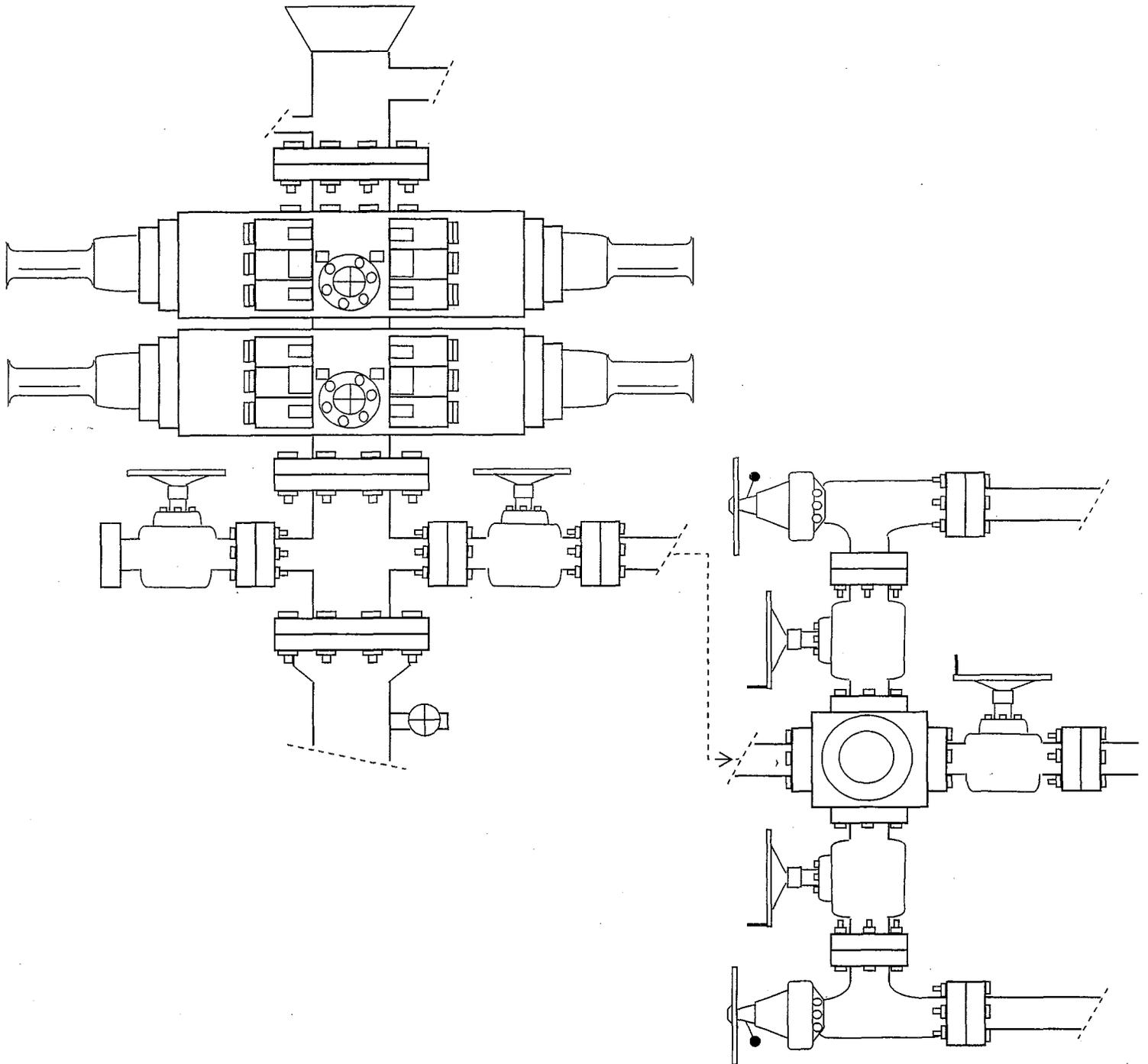


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL  
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST  
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

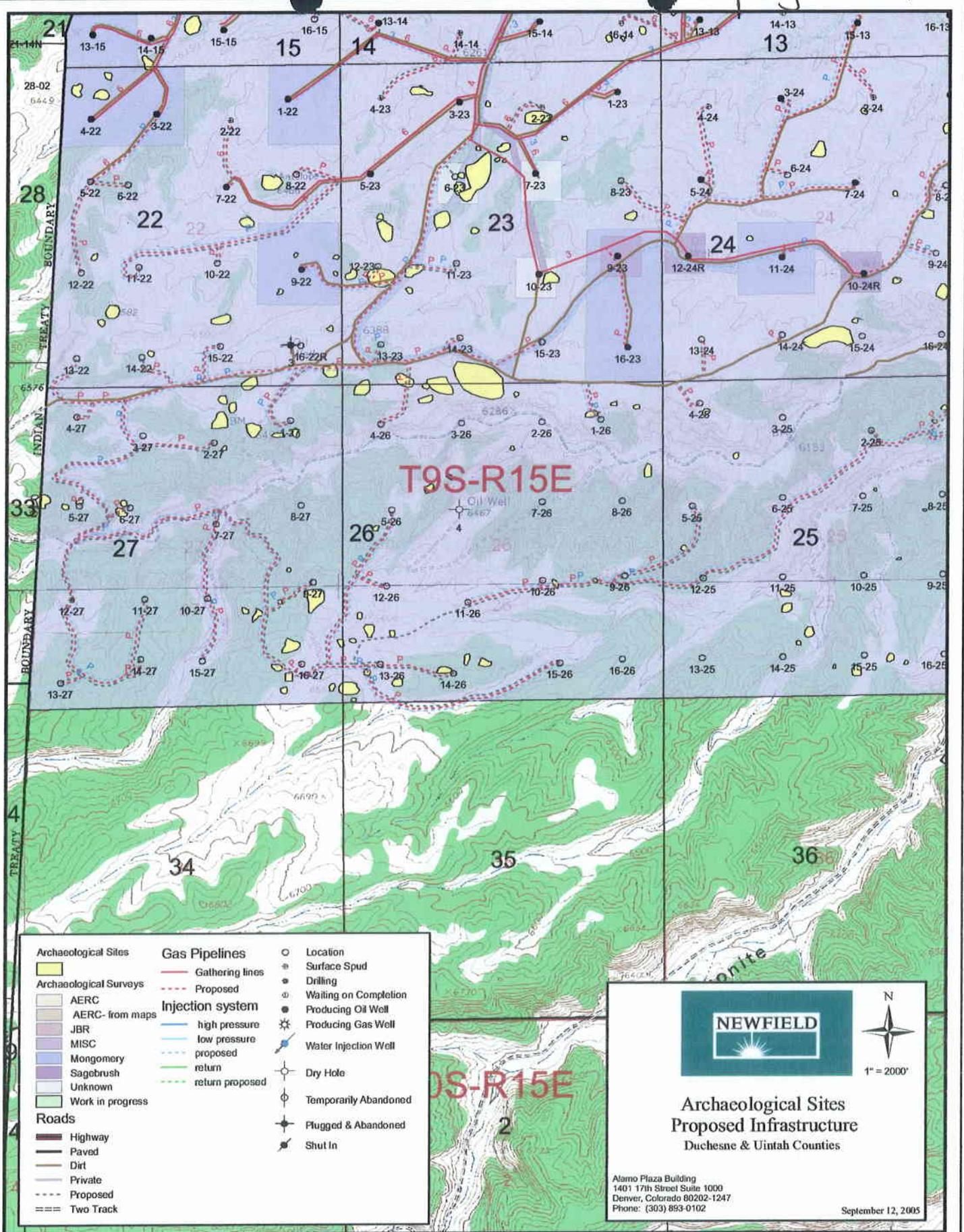
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1417b



<b>Archaeological Sites</b>	<b>Gas Pipelines</b>	○ Location
Archaeological Surveys	— Gathering lines	● Surface Spud
AERC	- - - Proposed	● Drilling
AERC - from maps	<b>Injection system</b>	● Waiting on Completion
JBR	— high pressure	● Producing Oil Well
MISC	— low pressure	● Producing Gas Well
Mongomery	- - - 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

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

September 12, 2005

**NEWFIELD PRODUCTION COMPANY**

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

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25,  
T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E  
[1 through 16-26-9-15]

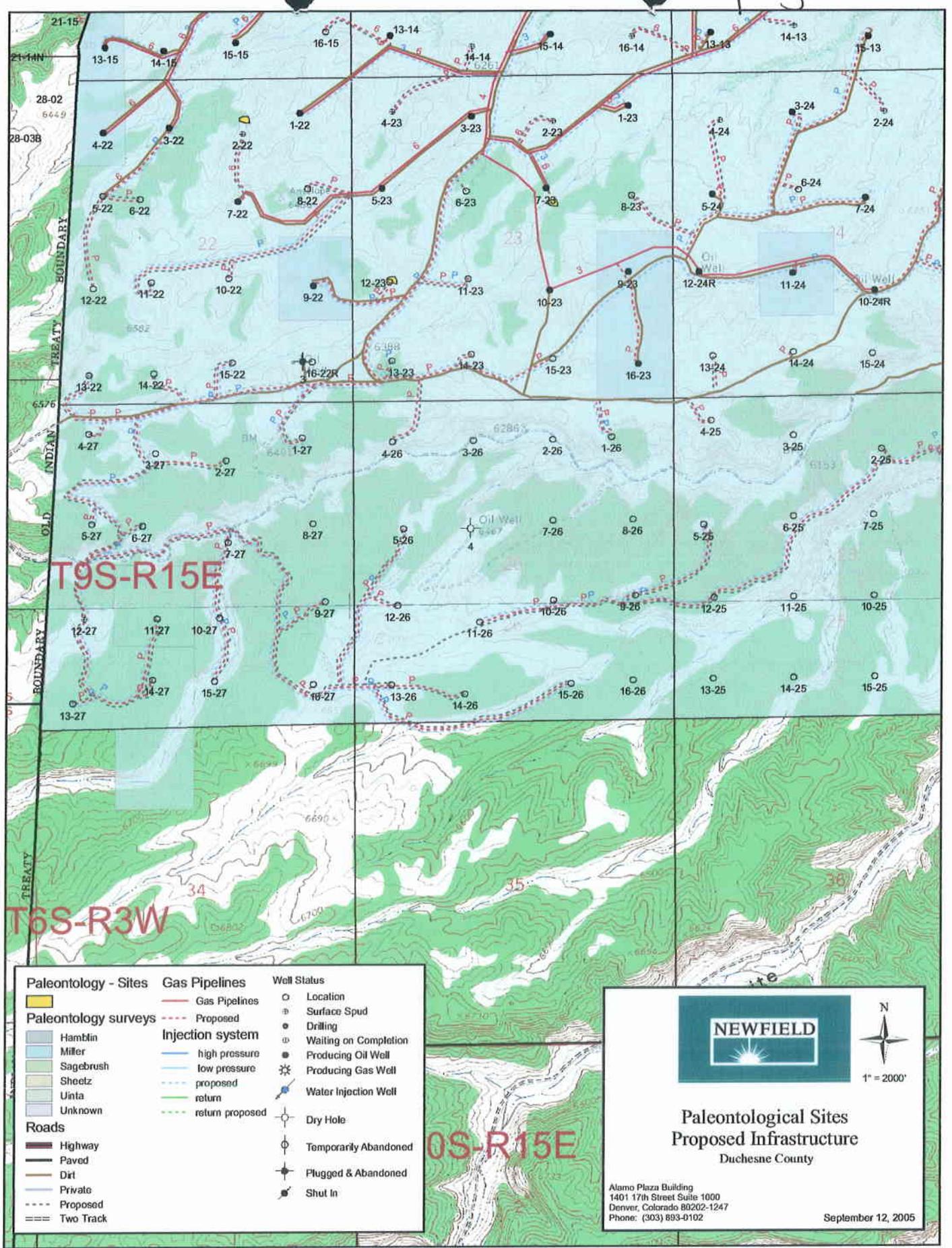
**REPORT OF SURVEY**

Prepared for:

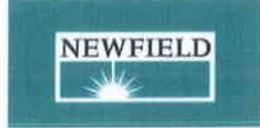
**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
August 29, 2005



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



**NEWFIELD**



1" = 2000'

**Paleontological Sites  
Proposed Infrastructure**  
Duchesne County

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

September 12, 2005

T9S-R15E

T9S-R15E

T6S-R3W

OS-R15E

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/14/2005

API NO. ASSIGNED: 43-013-32907

WELL NAME: ASHLEY FED 14-26-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 26 090S 150E  
 SURFACE: 0468 FSL 1836 FWL  
 BOTTOM: 0468 FSL 1836 FWL  
 DUCHESNE  
 UNDESIGNATED ( 2 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-66185  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

LATITUDE: 39.99588  
 LONGITUDE: -110.2015

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- 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: 2421  
Eff Date: 8-25-1998  
Siting: Suswinds General Siting
- R649-3-11. Directional Drill

COMMENTS:

Sop, Seperate file

STIPULATIONS:

1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 26 T. 9S R. 15E

FIELD: UNDESIGNATED (002)

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 15-SEPTEMBER-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)

September 15, 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)		
43-013-32899	Ashley Federal	1-26-9-15 Sec 26 T09S R15E 0633 FNL 1014 FEL
43-013-32900	Ashley Federal	4-26-9-15 Sec 26 T09S R15E 0537 FNL 0535 FWL
43-013-32901	Ashley Federal	5-26-9-15 Sec 26 T09S R15E 2081 FNL 0832 FWL
43-013-32902	Ashley Federal	9-26-9-15 Sec 26 T09S R15E 2042 FSL 0618 FEL
43-013-32903	Ashley Federal	10-26-9-15 Sec 26 T09S R15E 1980 FSL 1974 FEL
43-013-32904	Ashley Federal	11-26-9-15 Sec 26 T09S R15E 1640 FSL 2079 FWL
43-013-32905	Ashley Federal	12-26-9-15 Sec 26 T09S R15E 1928 FSL 0741 FWL
43-013-32906	Ashley Federal	13-26-9-15 Sec 26 T09S R15E 0630 FSL 0634 FWL
43-013-32907	Ashley Federal	14-26-9-15 Sec 26 T09S R15E 0468 FSL 1836 FWL
43-013-32908	Ashley Federal	15-26-9-15 Sec 26 T09S R15E 0613 FSL 1688 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



**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*

September 19, 2005

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

Re: Ashley Federal 14-26-9-15 Well, 468' FSL, 1836' FWL, SE SW, Sec. 26,  
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 43-013-32907.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number Ashley Federal 14-26-9-15  
API Number: 43-013-32907  
Lease: UTU-66185

Location: SE SW                      Sec. 26                      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

SEP 14 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.	UTU-66185
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 14-26-9-15
9. API Well No.	43-013132907
10. Field and Pool, or Exploratory	Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area	SE/SW Sec. 26, T9S R15E
12. County or Parish	Duchesne
13. State	UT
16. No. of Acres in lease	2,286.43
17. Spacing Unit dedicated to this well	40 Acres
19. Proposed Depth	5940'
20. BLM/BIA Bond No. on file	UTU0056
22. Approximate date work will start*	1st Quarter 2006
23. Estimated duration	Approximately seven (7) days from spud to rig release.

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
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		
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 SE/SW 468' FSL 1836' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximately 19.6 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. 468' #/lse & 468' #/unit	16. No. of Acres in lease 2,286.43	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. 1364'	19. Proposed Depth 5940'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6551' 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:

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 9/13/05
Title Regulatory Specialist		
Approved by (Signature) <i>Howard B. Clary</i>	Name (Printed/Typed) Howard B. Clary	Date 05/16/2006
Title Assistant Field Manager	Office Minerals Resources	

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

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

\*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

MAY 24 2006

DIV. OF OIL, GAS & MINING



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:** SESW, Sec. 26, T9S, R15E  
**Well No:** Ashley Federal 14-26-9-15      **Lease No:** UTU-66185  
**API No:** 43-013-32907      **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:</b>	<b>(435) 781-4513</b>	<b>FAX:</b>	<b>(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.

All well facilities not regulated by OSHA shall be painted Olive Black.

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 wheat grass <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 should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should 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.

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 (Olive Black). 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.

LEASE STIPULATIONS:

UTU-66185

No occupancy or other surface disturbance in Sec. 25; NE, NENW, S2NW, S2 Sec. 26... T. 9 S., R. 15 E., SLM, Utah, will be allowed on slopes in excess of 40 percent, without written permission from the authorized office of the Bureau of Land Management.

In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in Sec. 25; NE, NENW, S2NW, S2 Sec. 26; T. 9 S., R. 15 E., SLM, Utah, will be allowed only during dry soil periods, over a snow cover or frozen ground.

In order to protect big game seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1.

Crucial Deer and Elk Winter Range - No surface use December 1 though April 30. Need to avoid and protect archeological site north of location during construction of access road and well pad.

## **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 (¼¼, 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 COMANY

Well Name: ASHLEY FED 14-26-9-15

Api No: 43-013-32907 Lease Type: FEDERAL

Section 26 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # 1

**SPUDDED:**

Date 07/22/06

Time 1:30 PM

How DRY

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

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 07/25/2006 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3638  
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		
A	99999	15520	43-013-32901	ASHLEY FEDERAL 5-26-9-15	SWNW	26	9S	15E	DUCHESNE	7/24/2006	7/31/06
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999		<del>43-013-32835</del>	ASHLEY FEDERAL 3-27-9-15	NE/NW	27	9S	15E	DUCHENSE	07/12/06	
<i>GRRV assigned 15444 on 6/22/06 - Duplicate</i>											
A	99999	15521	43-013-32907	ASHLEY FEDERAL 14-26-9-15	SE/SW	26	9S	15E	DUCHENSE	07/22/06	7/31/06
<i>GRRV</i>											
A	99999	15522	43-013-32906	ASHLEY FEDERAL 13-26-9-15	SW/SW	26	9S	15E	DUCHESNE	07/20/06	7/31/06
<i>GRRV</i>											
A	99999	15447	43-047-35778	STATE 6-2-9-18	SE/NW	2	9S	18E	URTAH	07/20/06	7/31/06
WELL 5 COMMENTS: <i>GRRV assigned 6/22/06 then not spud</i>											
A	99999	15523	43-013-32905	ASHLEY FEDERAL 12-26-9-15	SWNE	26	9S	15E	DUCHESNE	07/28/06	7/31/06
WELL 6 COMMENTS: <i>GRRV</i>											

ACTION CODES (See instructions on back of form)

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

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

RECEIVED  
JUL 27 2006

RECEIVED  
  
 Lana Nebeker  
 Production Clerk  
 Date: June 27-2006

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.

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-26 T09S R15E

5. Lease Serial No.  
utu-66185

6. If Indian, Allottee or Tribe Name.  
NA

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

8. Well Name and No.  
ASHLEY 14-26-9-15

9. API Well No.  
4301332907

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

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 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 <u>Spud Notice</u>
	<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	

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 recomplate 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 7/22/06 MIRU NDSI NS # 1. Spud well @ 1:00 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.80 KB On 7/26/06 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 7 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  
07/27/2006

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**  
JUL 31 2006

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ 8 5/8 \_\_\_\_\_ CASING SET AT \_\_\_\_\_ 322.8 \_\_\_\_\_

LAST CASING 8 5/8" SET AT 322.80'  
 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 14-26-9-15  
 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 44.62'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.95
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			312.8
TOTAL LENGTH OF STRING		312.8	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>322.8</b>
TOTAL		310.95	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		310.95	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	7/22/2006	1:00PM	GOOD CIRC THRU JOB <u>YES</u>		
CSG. IN HOLE			7/23/2006	11:00AM	Bbls CMT CIRC TO SURFACE <u>7</u>		
BEGIN CIRC			7/26/2006	9:11 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN PUMP CMT			7/26/2006	9:23 AM	N/A		
BEGIN DSPL. CMT			7/26/2006	9:34 AM	BUMPED PLUG TO <u>354</u> PSI		
PLUG DOWN			7/26/2006	9:44 AM			
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Alvin Nielsen DATE 7/26/2006

**RECEIVED**  
**JUL 31 2006**

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.

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)  
                             SESW Section 26 T9S R15E

5. Lease Serial No.  
 U-TU-66185

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 14-26-9-15

9. API Well No.  
 4301332907

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

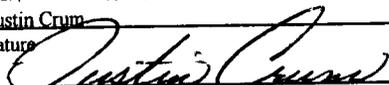
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 9/4/06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5930'. 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, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5935' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 5 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 1:30 AM on 9/13/06.

RECEIVED  
SEP 18 2006

DIV. OF OIL, GAS & MINING

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

Title  
 Drilling Foreman

Date  
 09/15/2006

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)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5935.78

Flt cllr @ 5890.28

LAST CASING 8 5/8" SET # 322.8  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5936' LOGGER ' \_\_\_\_\_  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL AF 14-26-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					0
		<b>6.18 Short Joint @ 3995.17'</b>					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5890.28
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.25
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5935.78
TOTAL LENGTH OF STRING		5930.78	135	LESS CUT OFF PIECE			12
LESS NON CSG. ITEMS		1.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		145	3	CASING SET DEPTH			<b>5935.78</b>
TOTAL		<b>6074.53</b>	138	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6074.53	138				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>yes</u>			
BEGIN RUN CSG.		9/13/2006	2:00 PM	Bbls CMT CIRC TO SURFACE <u>5</u>			
CSG. IN HOLE		9/13/2006	6:30 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> No			
BEGIN CIRC		9/13/2006	6:30 PM	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN PUMP CMT		9/13/2006	7:44 PM	BUMPED PLUG TO <u>1600</u> PSI			
BEGIN DSPL. CMT		9/13/2006	8:40 PM				
PLUG DOWN		9/13/2006	9:04 PM				
CEMENT USED		<b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	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.							
pm							

COMPANY REPRESENTATIVE Johnny Davis DATE 9/14/2006

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.

5. Lease Serial No.  
*UTU-66185*

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 14-26-9-15

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

9. API Well No.  
4301332907

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)  
  
SESW Section 26 T9S R15E

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 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

Title  
Regulatory Specialist

Signature  
*Mandie Crozier*

Date  
10/23/2006

**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 \_\_\_\_\_

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(Instructions on reverse)

**RECEIVED**  
**OCT 24 2006**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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5. Lease Serial No.  
**LTU-66185**

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 14-26-9-15

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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435.646.3721

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SESW Section 26 T9S R15E

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 checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

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

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

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/27/06  
By: [Signature]

Federal Approval Of This  
Action is Necessary

COPY SENT TO OPERATOR  
Date: 10/21/06  
Initials: [Signature]

I hereby certify that the foregoing is true and correct (Printed/Type)  
Mandie Crozier  
Signature [Signature]

Title  
Regulatory Specialist  
Date  
10/23/2006

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

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

Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_

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(Instructions on reverse)

**RECEIVED**  
OCT 24 2006

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

**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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
 ASHLEY PA A

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 ASHLEY 14-26-9-15

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4301332907

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

10. FIELD AND POOL, OR WILDCAT:  
 MONUMENT BUTTE

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 26, T9S, R15E STATE: UT

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

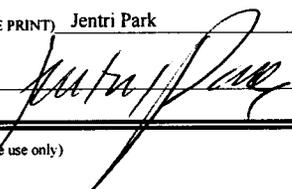
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/01/2006	<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 10/04/06 - 10/20/06

Subject well had completion procedures initiated in the Green River formation on 10-04-06 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 (5570'-5582'); Stage #2 (5480'-5489'); Stage #3 (5040'-5056'), (5028'-5033'); Stage #4 (4730'-4734'), (4718'-4722'); Stage #5 (4408'-4427'). 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 10-18-2006. Bridge plugs were drilled out and well was cleaned to 5920'. 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 10-20-2006.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 11/01/2006

(This space for State use only)

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NOV 02 2006

DIV. OF OIL, GAS & MINING

**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 \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-66185**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT NAME  
**Ashley**

8. FARM OR LEASE NAME, WELL NO.  
**Ashley Federal 14-26-9-15**

2. NAME OF OPERATOR  
**Newfield Exploration Company**

9. WELL NO.  
**43-013-32907**

3. ADDRESS AND TELEPHONE NO.  
**1401 17th St. Suite 1000 Denver, CO 80202**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface **468' FSL & 1836' FWL (SE/SW) Sec. 26, T9S, R15E**  
 At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 26, T9S, R15E**

At total depth

14. API NO. **43-013-32907** DATE ISSUED **09/19/05**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUNDED **07/22/06** 16. DATE T.D. REACHED **09/08/06** 17. DATE COMPL. (Ready to prod.) **10/20/06** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **6551' GL 6563' KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5936'** 21. PLUG BACK T.D., MD & TVD **5920'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
**Green River 4408'-5582'**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

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

27. WAS WELL CORED  
**No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5936'	7-7/8"	300 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 @ 5665'	TA @ 5566'

**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
(CP3) 5570'-5582'	.46"	4/48	5570'-5582'	Frac w/ 38,582# 20/40 sand in 438 bbls fluid
(CP2) 5480'-5489'	.43"	4/36	5480'-5489'	Frac w/ 34,625# 20/40 sand in 394 bbls fluid
(LODC) 5040'-5056', 5028'-5033'	.43"	4/84	5056'-5028'	Frac w/ 80,508# 20/40 sand in 605 bbls fluid
(B1) 4730'-4734', 4718'-4722'	.43"	4/32	4734'-4718'	Frac w/ 34,355# 20/40 sand in 373 bbls fluid
(DS2) 4408'-4427'	.43"	4/76	4408'-4427'	Frac w/ 67,342# 20/40 sand in 502 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION **10/20/06** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST **10 day ave** HOURS TESTED \_\_\_\_\_ CHOKE SIZE \_\_\_\_\_ PROD'N. FOR TEST PERIOD **----->** OIL--BBL. **66** GAS--MCF. **23** WATER--BBL. **63** GAS-OIL RATIO **348**

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE **----->** OIL-BBL. \_\_\_\_\_ GAS--MCF. \_\_\_\_\_ WATER--BBL. \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold & Used for Fuel** TEST WITNESSED BY **NOV 09 2006**

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 *Jennifer Park* TITLE **Production Clerk** DATE **11/7/2006**

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JP

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 14-26-9-15	Garden Gulch Mkr	3507'	
				Garden Gulch 1	3718'	
				Garden Gulch 2	3832'	
				Point 3 Mkr	4064'	
				X Mkr	4339'	
				Y-Mkr	4372'	
				Douglas Creek Mkr	4480'	
				BiCarbonate Mkr		
				B Limestone Mkr	4797'	
				Castle Peak	5374'	
				Basal Carbonate	5829'	
				Total Depth (LOGGERS	5936'	

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 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	RS			COUNTY
C	15765	12419	4301332948	ASHLEY FEDERAL 8-25-9-15	NE/SE	25	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRRV											
C	15632	12419	4301332944	ASHLEY FEDERAL 16-24-9-15	SE/SE	24	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRRV											
C	15464	12419	4301332881	ASHLEY FEDERAL 16-27-9-15	SE/SE	27	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRRV											
C	15521	12419	4301332907	ASHLEY FEDERAL 14-26-9-15	SE/SW	26	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRRV											
C	15522	12419	4301332906	ASHLEY FEDERAL 13-26-9-15	SW/SW	26	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRRV											
C	15652	12419	4301332904	ASHLEY FEDERAL 11-26-9-15	NE/SW	26	9S	15E	DUCHESNE		2/13/07
WELL 1 COMMENTS: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 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 of well only)
- 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.

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FEB 14 2007  
DIV. OF OIL, GAS & MINING

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JAN 4 2007  
DIV. OF OIL, GAS & MINING

*Lana Nebeker*  
Signature  
LANA NEBEKER  
Production Clerk  
February 12, 2007  
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	43-013-32905	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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Water Injection Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 14-26-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0468 FSL 1836 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 09.0S Range: 15.0E Meridian: S	<b>9. API NUMBER:</b> 43013329070000
	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

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

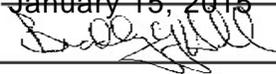
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 1:45 PM on 01/08/2015

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

Date: January 15, 2015

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> 1/14/2015	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

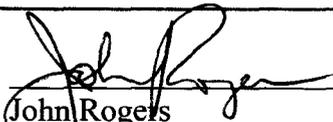
Cause No. UIC-418

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 14-26-9-15  
**Location:** Section 26, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32907  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 25, 2014.
2. Maximum Allowable Injection Pressure: 1,831 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,832' – 5,920')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogels  
Associate Director

4/24/2014  
Date

JR/MLR/js

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

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





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

March 25, 2014

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 14-26-9-15, Section 26, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32907

Newfield Production Company:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,832 feet in the Ashley Federal 14-26-9-15 well.

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

Sincerely,

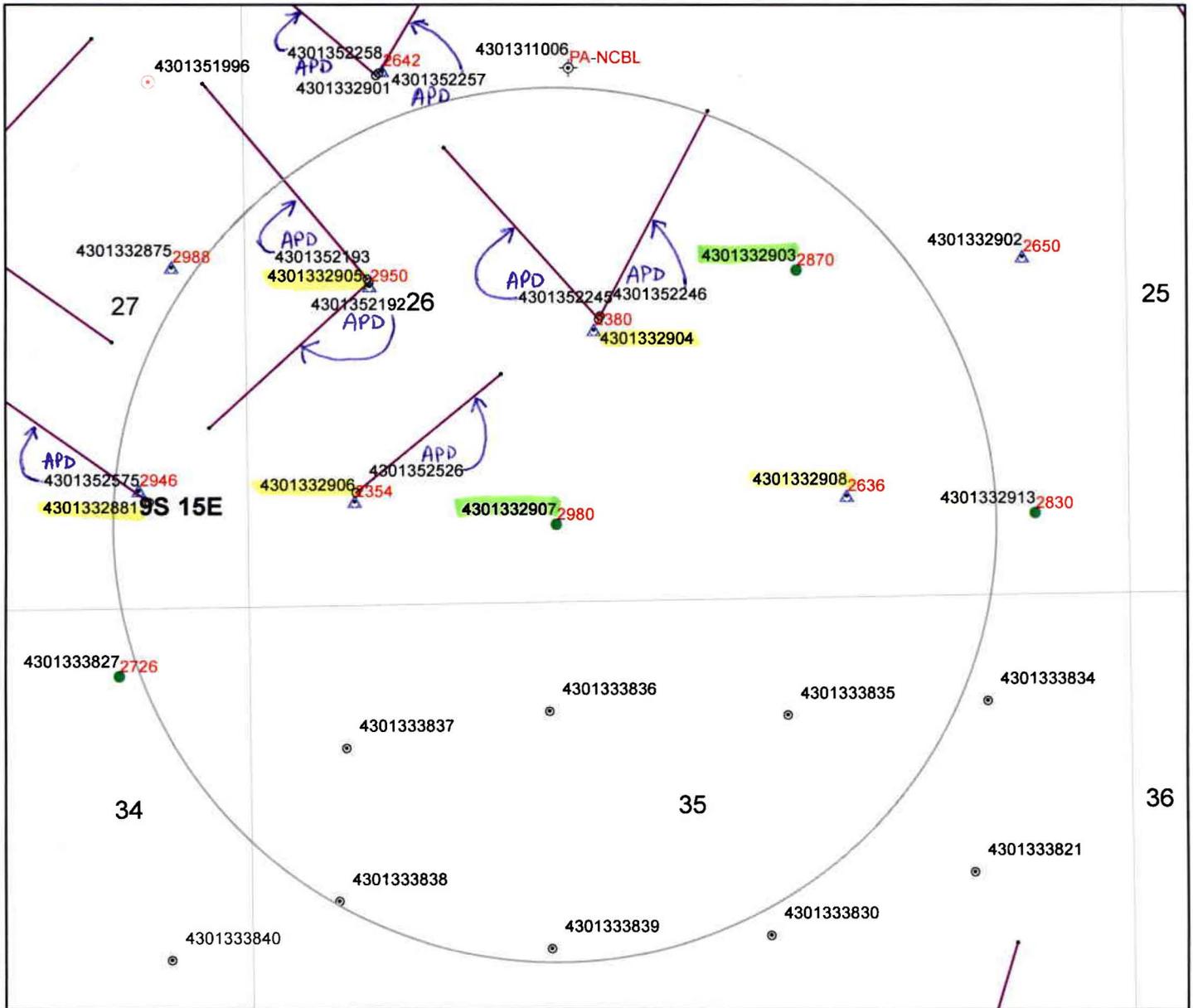
  
John Rogers  
Associate Director

JR/MLR/js

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

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



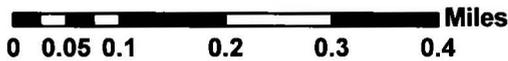


**Legend**

**Oil & Gas Well Type**

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

**Cement Bond Tops  
Ashley Federal 14-26-9-15  
API #43-013-32907  
UIC-418.3**



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbtopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 14-26-9-15

**Location:** 26/9S/15E      **API:** 43-013-32907

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

**Well Integrity:** The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,936 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,980 feet or higher. A 2 7/8 inch tubing with a packer is proposed at 4,358 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 2 producing wells and 5 injection wells in the AOR. In addition, there are 3 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,832 feet and 5,920 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-26-9-15 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,831 psig. The requested maximum pressure is 1,831 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 14-26-9-15**  
**page 2**

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date: 3/5/2014

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

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	RECEIVED	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	MAR 06 2014 DIV OF OIL GAS & MINING	900	

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000941195 /
SCHEDULE	
Start 02/22/2014	End 02/22/2014
CUST. REF. NO.	
Newfield Cause UIC-418	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU	
SIZE	
96 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
327.56	

**BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-418**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHECNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:  
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32912  
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32629  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

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

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

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

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED IN THE **DESERET NEWS** AND **SALT LAKE TRIBUNE** IN THE **ENGLISH** LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH, ON **02/22/2014**. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE. UTAHLEGALS.COM INDEFINATELY COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

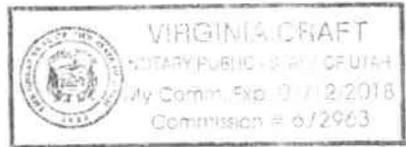
Dated this 18th day of February, 2014.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
By Brad Hill  
Permitting Manager  
941195 UPAXLP

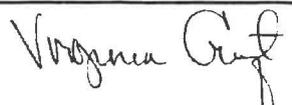
PUBLISHED ON Start 02/22/2014 End 02/22/2014

SIGNATURE 

DATE 2/25/2014

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



  
NOTARY SIGNATURE

2250/REB/GGDUICADMIN/GF13/0131

# AFFIDAVIT OF PUBLICATION

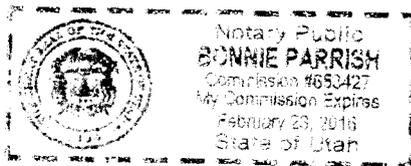
County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me on this  
26 day of February, 2014

by Kevin Ashby.  
  
\_\_\_\_\_  
Notary Public



**BEFORE THE  
DIVISION  
OF OIL, GAS  
AND MINING,  
DEPART-  
MENT OF  
NATURAL  
RESOURCES,  
STATE OF  
UTAH,  
NOTICE OF  
AGENCY  
ACTION,  
CAUSE NO.  
UIC-418**

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
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API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township

City, UT 84114-5801,  
phone number (801)  
538-5340. If such  
a protest or notice  
of intervention is  
received, a hearing  
will be scheduled in  
accordance with the  
aforementioned ad-  
ministrative procedur-  
al rules. Protestants  
and/or interveners  
should be prepared  
to demonstrate at  
the hearing how this  
matter affects their  
interests.

Dated this 18th day  
of February, 2014.

STATE OF UTAH  
DIVISION OF  
OIL, GAS & MIN-  
ING

/s/  
Brad Hill  
Permitting Man-  
ager

Published in the  
Utah Basin Stan-  
dard February 25, 2014.

Formation will be  
used for water injec-  
tion. The maximum  
requested injection  
pressures and rates  
will be determined  
based on fracture  
gradient informa-  
tion submitted by  
Newfield Production  
Company.

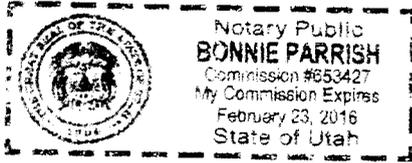
Any person  
desiring to object to  
the application or  
otherwise intervene  
in the proceeding,  
must file a written  
protest or notice of  
intervention with  
the Division within  
fifteen days following  
publication of this  
notice. The Division's  
Presiding Officer  
for the proceeding is  
Brad Hill, Permitting  
Manager, at P.O. Box  
145801, Salt Lake

26 day of February, 20 14

by Kevin Ashby.

*Bonnie Parrish*

Notary Public



IN SECTIONS 25  
 and 26, TOWNSHIP  
 9 SOUTH, RANGE  
 15 EAST, and  
 SECTIONS 9, 13,  
 16, 17, 20, 22, and  
 23, TOWNSHIP 9  
 SOUTH, RANGE 16  
 EAST, DUCHESNE  
 COUNTY, UTAH,  
 AS CLASS II INJEC-  
 TION WELLS.

THE STATE OF  
 UTAH TO ALL PER-  
 SONS INTERESTED  
 IN THE ABOVE  
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 Ashley Federal 16-

Township 9 South,  
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 API 43-013-32655  
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 Township 9 South,  
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 The proceeding  
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 accordance with Utah  
 Admin. R649-10,  
 Administrative Proce-  
 dures.  
 Selected zones  
 in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 18th day of February, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



---

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,  
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,  
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,  
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,  
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,  
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

**Cause No. UIC-418**

Publication Notices were sent to the following:

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

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

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

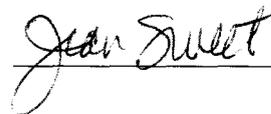
Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 20, 2014

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

2/24/2014

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418



Jean Sweet <jsweet@utah.gov>

---

**Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418**

---

**UB Standard Legals** <ubslegals@ubmedia.biz>  
To: Jean Sweet <jsweet@utah.gov>

Thu, Feb 20, 2014 at 3:52 PM

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

--  
Jean Sweet  
Executive Secretary  
Utah Division of Oil, Gas and Mining  
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 20, 2014

Via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Order Confirmation for Ad #0000941195-01**

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

<b>Total Amount</b>	<b>\$327.56</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$327.56</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Newfield Cause UIC-4	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 96 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	2/22/2014	

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Greater Monument Butte Unit:  
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32912  
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
Stare 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

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

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

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

Dated this 18th day of February, 2014.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager

941195

UPAXIP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

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

**RECEIVED**  
**FEB 10 2014**  
**DIV. OF OIL, GAS & MINING**

RE: Permit Application for Water Injection Well  
Ashley Federal #14-26-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 26-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #14-26-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

Jill L. Loyle  
Regulatory Associate

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #14-26-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**FEBRUARY 7, 2014**

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# ASHLEY 14-26-9-15

Spud Date: 07/22/06  
 Put on Production: 10/20/06  
 GL: 6551' KB: ~~6556~~ 6563'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.95')  
 DEPTH LANDED: 322.80' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

### PRODUCTION CASING

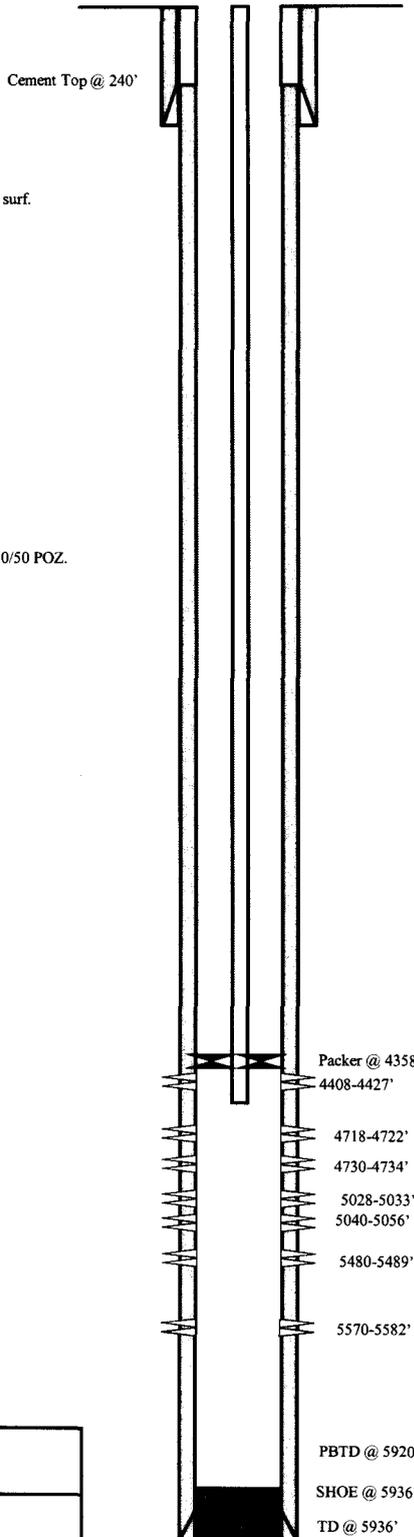
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5934.53')  
 DEPTH LANDED: 5935.78' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 240'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5553.3')  
 TUBING ANCHOR: 5566.12' KB  
 NO. OF JOINTS: 1 jts (31.62')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5599.7' KB  
 NO. OF JOINTS: 2 jts (63.20')  
 TOTAL STRING LENGTH: EOT @ 5665.25' KB

### FRAC JOB

10/11/06 5570-5582'  10/11/06 5480-5489'  10/12/06 5028-5056'  10/12/06 4718-4734'  10/12/06 4408-4427'  3/30/09 07/25/10	<b>Frac CP3 sands as follows:</b> 38582# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 2692 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 5568 gal. Actual flush: 5082 gal.  <b>Frac CP2 sands as follows:</b> 34625# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2530 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5478 gal. Actual flush: 4973 gal.  <b>Frac LODC sands as follows:</b> 80508# 20/40 sand in 605 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 5026 gal. Actual flush: 4519 gal.  <b>Frac B1 sands as follows:</b> 34355# 20/40 sand in 373 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 24.9 BPM. ISIP 1920 psi. Calc flush: 4716 gal. Actual flush: 4209 gal  <b>Frac DS2 sands as follows:</b> 67342# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25 BPM. ISIP 1860 psi. Calc flush: 4406 gal. Actual flush: 4326 gal  Pump Change. Updated r & t details. Tubing Leak. Rod & Tubing details.
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### PERFORATION RECORD

Date	Interval	Tool	Holes
10/04/06	5570-5582'	4 JSPF	48 holes
10/11/06	5480-5489'	4 JSPF	36 holes
10/11/06	5040-5056'	4 JSPF	64 holes
10/12/06	5028-5033'	4 JSPF	20 holes
10/12/06	4730-4734'	4 JSPF	16 holes
10/12/06	4718-4722'	4 JSPF	16 holes
10/12/06	4408-4427'	4 JSPF	80 holes

**NEWFIELD**

---

**ASHLEY 14-26-9-15**

468" FSL & 1836' FWL

SE/SW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32907; Lease # UTU-66185

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

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

See Attachment A.

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

Approval is requested to convert the Ashley Federal #14-26-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Ashley Federal #14-26-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3832' - 5920'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3507' and the TD is at 5936'.

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

The referenced log for the Ashley Federal #14-26-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 5936' 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.

**2.8 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 1831 psig.

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

The minimum fracture gradient for the Ashley Federal #14-26-9-15, for existing perforations (4408' - 5582') calculates at 0.85 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 1831 psig. We may add additional perforations between 3507' and 5920'. See Attachments G and G-1.

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

In the Ashley Federal #14-26-9-15, the proposed injection zone (3832' - 5920') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.11 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-6.

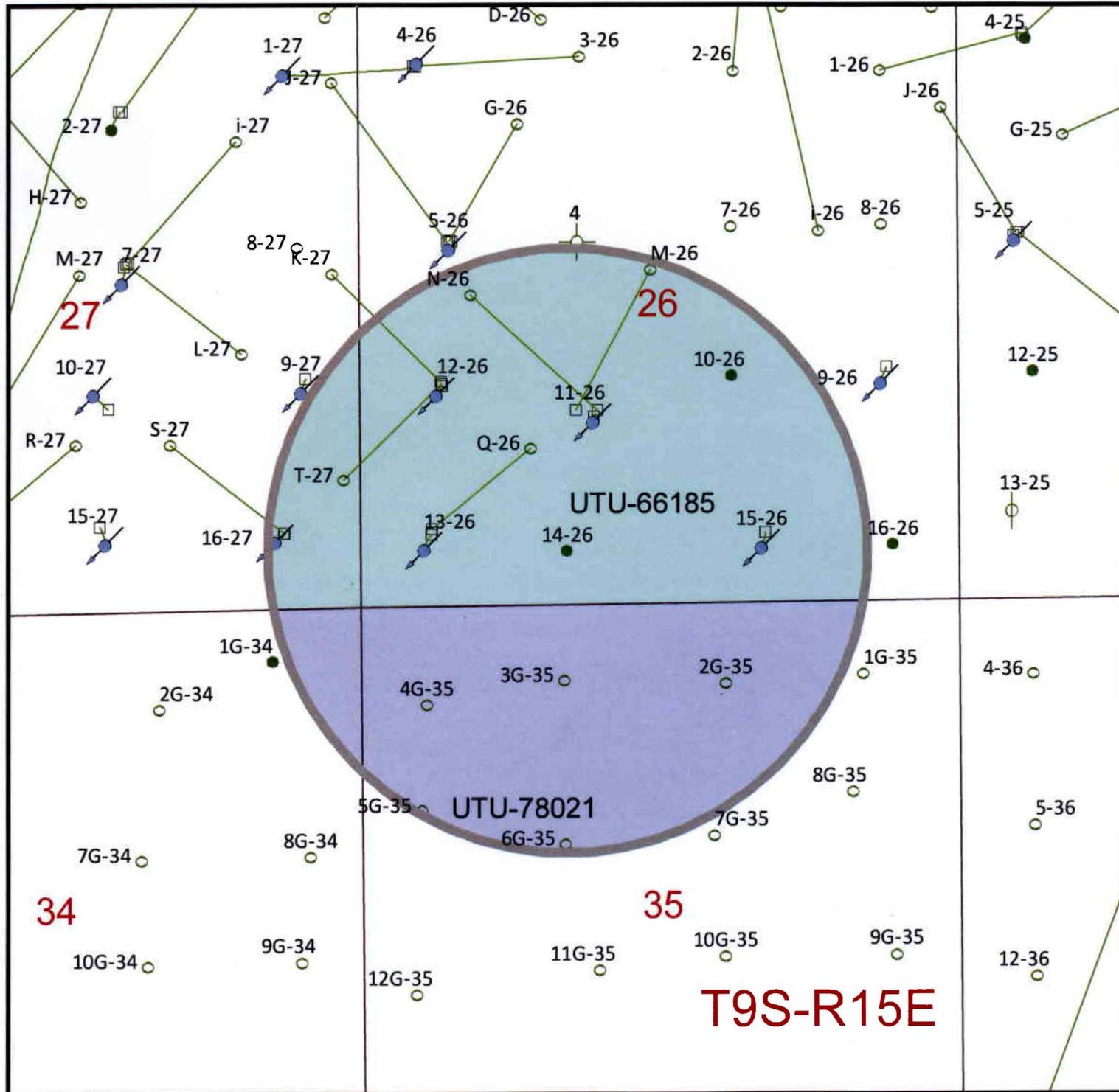
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**2.12 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.

**2.13 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.



### Lease Number

- UTU-78021
- UTU-66185

- Half-Mile Buffer

### 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
- Well Surface Location

Ashley 14-26-9-15  
Section 26, T9S-R15E



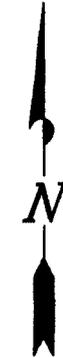
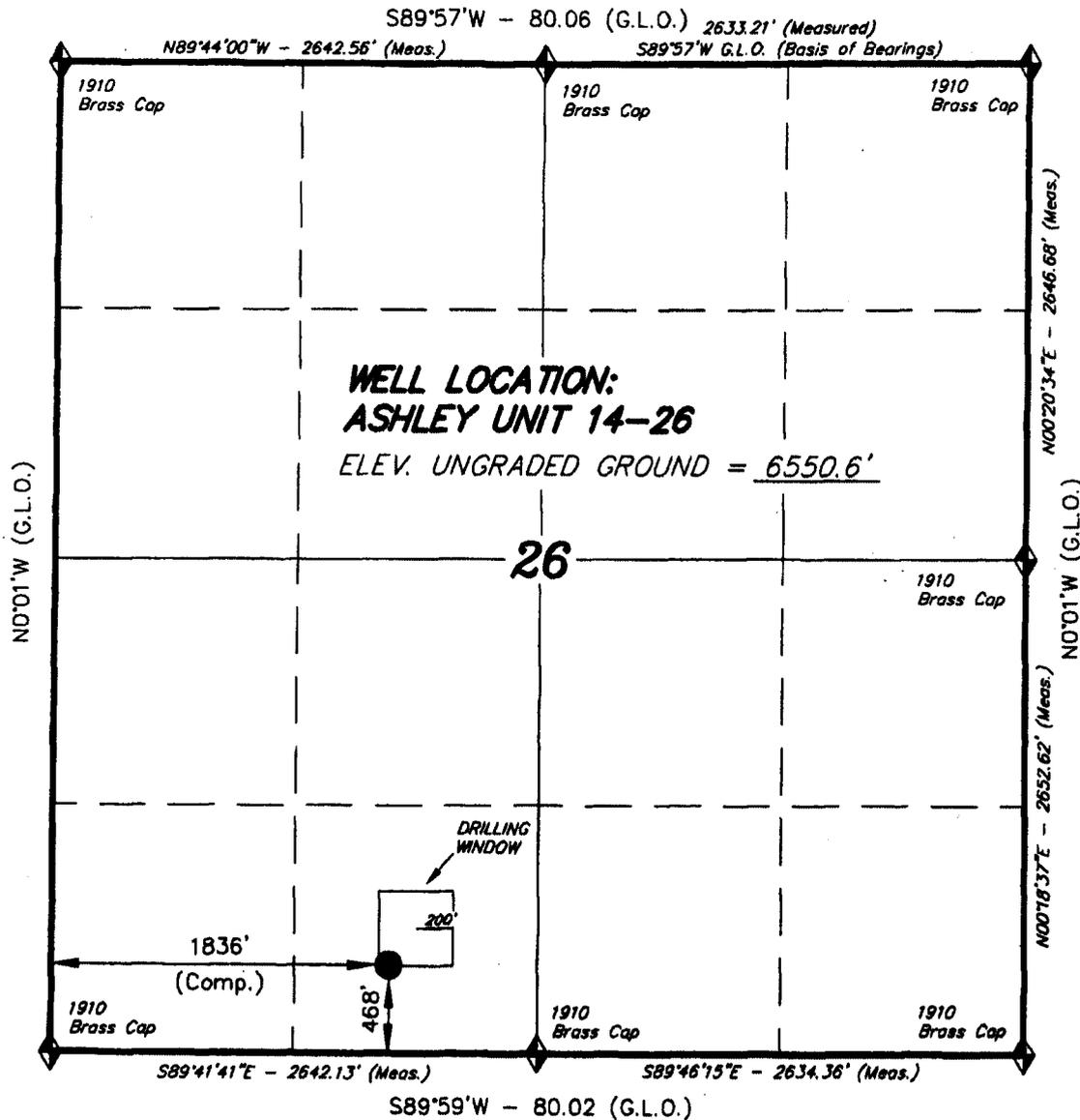
1/2 Mile Radius Map

Duchesne County

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

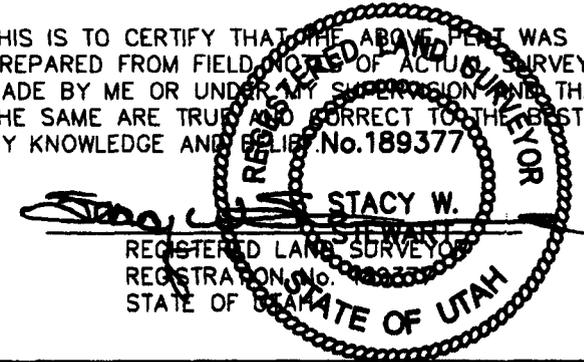
# ATTACHMENT A-1 NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 14-26,  
LOCATED AS SHOWN IN THE SE 1/4 SW  
1/4 OF SECTION 26, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**  
The Proposed Well head bears  
 $N76^{\circ}00'58"E$   $1894.72'$  from the  
Southwest Corner of Section 26.

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



◆ = SECTION CORNERS LOCATED

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

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

SCALE: 1" = 1000' SURVEYED BY: D.P.

DATE: 7-11-05 DRAWN BY: F.T.M.

NOTES: FILE #

**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R15E Section 34: E2 Section 35: All	USA UTU-78021 HBP	QEP Energy Company III Exploration CO	USA
2	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA

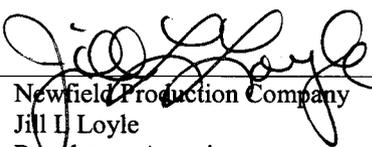
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #14-26-9-15

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

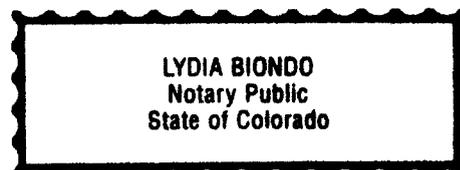
Signed:

  
Newfield Production Company  
Jill I. Loyle  
Regulatory Associate

Sworn to and subscribed before me this 7<sup>th</sup> day of February, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15



## ASHLEY 14-26-9-15

Spud Date: 07/22/06  
 Put on Production: 10/20/06  
 GL: 6551' KB: 6536' **6563'**

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.95')  
 DEPTH LANDED: 322.80' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5934.53')  
 DEPTH LANDED: 5935.78' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 240'

### TUBING

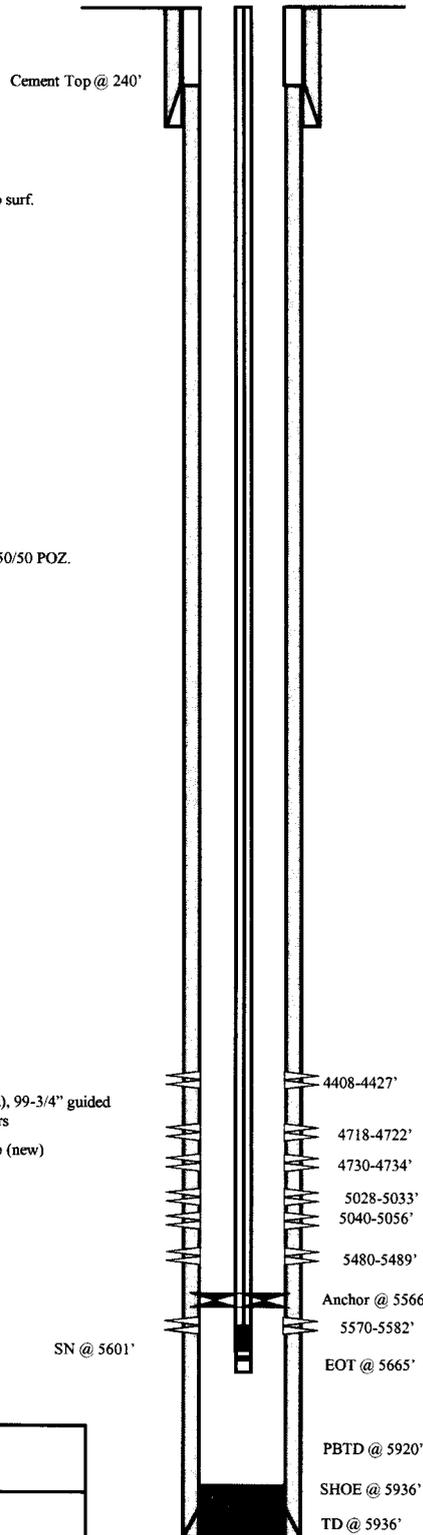
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5553.3')  
 TUBING ANCHOR: 5566.12' KB  
 NO. OF JOINTS: 1 jts (31.62')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5599.7' KB  
 NO. OF JOINTS: 2 jts (63.20')  
 TOTAL STRING LENGTH: EOT @ 5665.25' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods (used)  
 SUCKER RODS: 1-2' & 1-4', 1-8' x 3/4" pony rods (used), 99-3/4" guided rods 69-3/4" guided, 55-3/4" guided rods, 6-1 1/2" sinker bars  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC pump (new)  
 STROKE LENGTH: ?  
 PUMP SPEED, ? SPM:

### FRAC JOB

10/11/06	5570-5582'	<b>Frac CP3 sands as follows:</b> 38582# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 2692 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 5568 gal. Actual flush: 5082 gal.
10/11/06	5480-5489'	<b>Frac CP2 sands as follows:</b> 34625# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2530 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5478 gal. Actual flush: 4973 gal.
10/12/06	5028-5056'	<b>Frac LODC sands as follows:</b> 80508# 20/40 sand in 605 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 5026 gal. Actual flush: 4519 gal.
10/12/06	4718-4734'	<b>Frac B1 sands as follows:</b> 34355# 20/40 sand in 373 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 24.9 BPM. ISIP 1920 psi. Calc flush: 4716 gal. Actual flush: 4209 gal
10/12/06	4408-4427'	<b>Frac DS2 sands as follows:</b> 67342# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25 BPM. ISIP 1860 psi. Calc flush: 4406 gal. Actual flush: 4326 gal
3/30/09		Pump Change. Updated r & t details.
07/25/10		Tubing Leak. Rod & Tubing details.



### PERFORATION RECORD

10/04/06	5570-5582'	4 JSPF	48 holes
10/11/06	5480-5489'	4 JSPF	36 holes
10/11/06	5040-5056'	4 JSPF	64 holes
10/12/06	5028-5033'	4 JSPF	20 holes
10/12/06	4730-4734'	4 JSPF	16 holes
10/12/06	4718-4722'	4 JSPF	16 holes
10/12/06	4408-4427'	4 JSPF	80 holes

**NEWFIELD**

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**ASHLEY 14-26-9-15**  
 468" FSL & 1836' FWL  
 SE/SW Section 26-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32907; Lease # UTU-66185

## Ashley Federal 10-26-9-15

Spud Date: 9-19-06  
 Put on Production: 11-02-06  
 GL: 6485' KB: 6497'

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts (312.06')  
 DEPTH LANDED: 322.06'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

#### PRODUCTION CASING

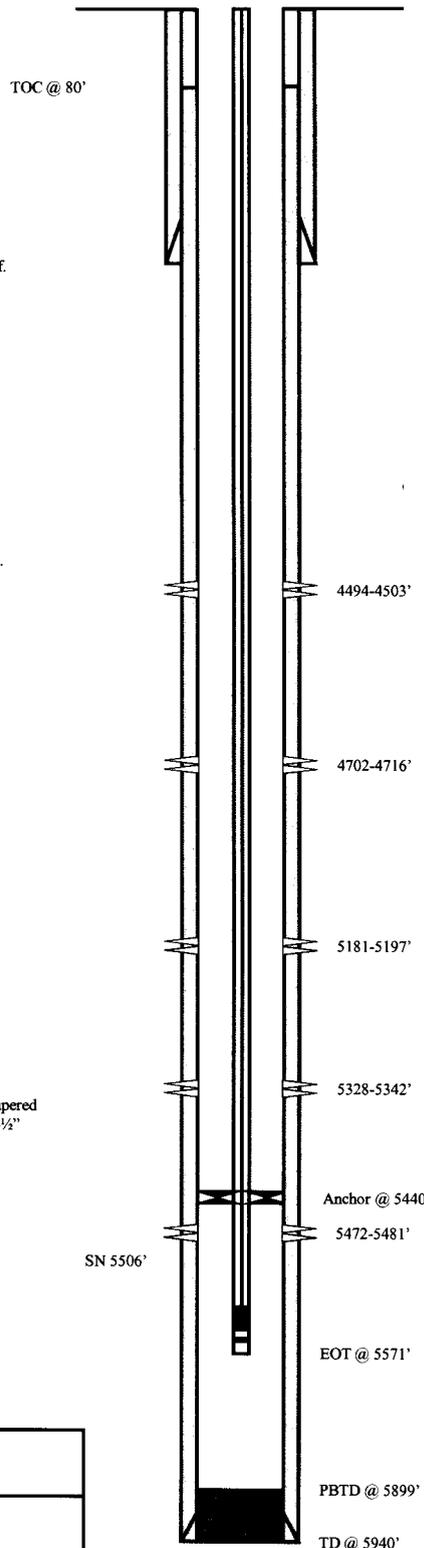
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136jts (5925.97')  
 DEPTH LANDED: 5923.97'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350sxs Premlite II & 400sxs 50/50 POZ.  
 CEMENT TOP AT: 80' per CBL 10/23/06

#### TUBING (KS 11/2/06)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173jts (5428.19')  
 TUBING ANCHOR: 5440.19' KB  
 NO. OF JOINTS: 2jts (63.23')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5506.22' KB  
 NO. OF JOINTS: 2jts (63.18')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 5570.95' KB

#### SUCKER RODS (KS 11/2/06)

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4', 6', 8' x 3/4" Pony Rods, 100 x 3/4" Scrapered Rods, 103 x 3/4" Slick Rods, 10 x 3/4" Scrapered Rods, 6 x 1-1/2" Weight Bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5  
 PUMPING UNIT: AMERICAN C-320-213-86



#### FRAC JOB

10-26-06	5472-5481'	<b>Frac CP1 sands as follows:</b> 24622# 20/40 sand in 328 bbls Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4998 gal. Actual flush: 5470 gal.
10-26-06	5328-5342'	<b>Frac LODC sands as follows:</b> 36161# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2195 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4830 gal. Actual flush: 5326 gal.
10-26-06	5181-5197'	<b>Frac LODC sands as follows:</b> 34702# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2458 psi w/avg rate of 27.5 BPM. ISIP 2650 psi. Calc flush: 4704 gal. Actual flush: 5179 gal.
10-26-06	4702-4716'	<b>Frac B1 sands as follows:</b> 90207# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4200 gal. Actual flush: 4700 gal.
10-26-06	4494-4503'	<b>Frac D1 sands as follows:</b> 20438# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 w/ avg rate of 25 BPM. ISIP 1780 psi. Calc flush: 4368 gal. Actual flush: 4492 gal.

#### PERFORATION RECORD

10-23-06	5472-5481'	4 JSPF	36 holes
10-26-06	5328-5342'	4 JSPF	56 holes
10-26-06	5181-5197'	4 JSPF	64 holes
10-26-06	4702-4716'	4 JSPF	56 holes
10-26-06	4494-4503'	4 JSPF	36 holes

**NEWFIELD**

**Ashley Federal 10-26-9-15**

1080' FSL & 1974' FEL  
 NW/SE Section 26-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-32903; Lease # UTU-66185

## Ashley Federal 12-26-9-15

Spud Date: 7-27-06  
 Put on Production: 9-29-06  
 GL: 6528' KB: 6540'

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (304.63')  
 DEPTH LANDED: 316.48' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

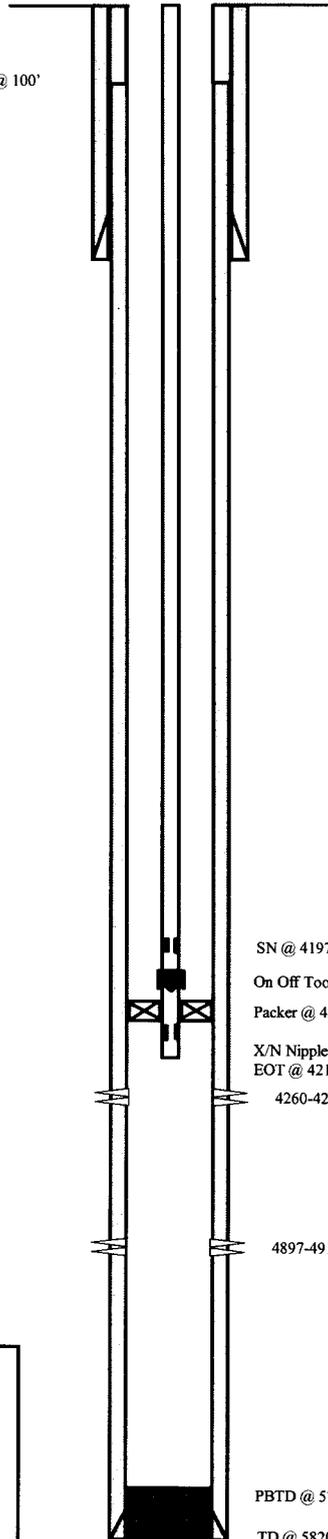
#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5955')  
 DEPTH LANDED: 5821.31' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 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: 132 jts (4185.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4197.5' KB  
 ON/OFF TOOL AT: 4198.6'  
 ARROW #1 PACKER CE AT: 4204.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4207.3'  
 TBG PUP 2-3/8 J-55 AT: 4207.8'  
 X/N NIPPLE AT: 4212'  
 TOTAL STRING LENGTH: EOT @ 4213.56'

Cement top @ 100'



#### FRAC JOB

09-25-06 4897-4913' **Frac A1 sands as follows:**  
 85340# 20/40 sand in 643 bbls Lightning 17 frac fluid. Treated @ avg press of 2445 psi w/avg rate of 24.6 BPM. ISIP 2460 psi. Calc flush: 4368 gal. Actual flush: 4895 gal.

09-25-06 4260-4272' **Frac PB10 sands as follows:**  
 28922# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 14.4 BPM. ISIP 2180 psi. Calc flush: 4158 gal. Actual flush: 4258 gal.

06/07/13 **Convert to Injection Well**  
 06/10/13 **Conversion MIT Finalized - update tbg detail**

#### PERFORATION RECORD

09-12-06	4897-4913'	4 JSPF	64 holes
09-25-06	4260-4272'	4 JSPF	48 holes

**NEWFIELD**

**Ashley Federal 12-26-9-15**  
 1928' FSL & 741' FWL  
 NW/SW Section 26-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-32905; Lease # UTU-66185

## Ashley Federal 13-26-9-15

Spud Date: 07/20/2006  
 Put on Production: 10/11/2006  
 GL: 6572' KB: 6584'

### Injection Wellbore Diagram

#### SURFACE CASING

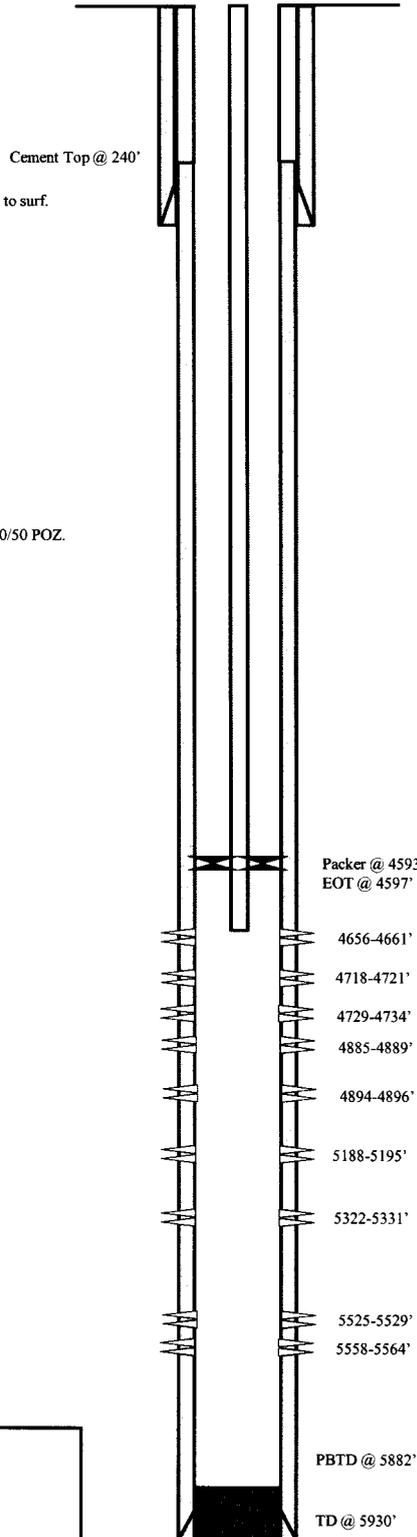
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.97')  
 DEPTH LANDED: 321.82' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6.5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5914.90')  
 DEPTH LANDED: 5928.15' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 240'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 145 jts (4576.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4588.4' KB  
 CE @ 4592.74'  
 TOTAL STRING LENGTH: EOT @ 4596.89' KB



#### FRAC JOB

10/06/06 5525-5564' **Frac CP3 sands as follows:**  
 29677# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5523 gal. Actual flush: 5040 gal.

10/06/06 5322-5331' **Frac LODC sands as follows:**  
 19791# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 5320 gal. Actual flush: 4578 gal.

10/06/06 5188-5195' **Frac LODC sands as follows:**  
 34890# 20/40 sand in 400 bbls Lightning 17 frac fluid. Treated @ avg press of 2958 psi w/avg rate of 24.7 BPM. ISIP 3350 psi. Calc flush: 5186 gal. Actual flush: 4410 gal.

10/06/06 4729-4661' **Frac B1 & C sands as follows:**  
 64593# 20/40 sand in 521 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4727 gal. Actual flush: 4494 gal.

8/26/09 **Tubing Leak.** Updated rod & tubing details

07/12/11 4885-4896' **Frac A1 sands as follows:** 33745# 20/40 sand in 282 bbls Lightning 17 fluid.

07/13/11 **Convert to Injection well**

07/18/2011 **Conversion MIT Finalized**

#### PERFORATION RECORD

Date	Interval	Tool	Holes
09/28/06	5558-5564'	4 JSPF	24 holes
09/28/06	5525-5529'	4 JSPF	16 holes
10/06/06	5322-5331'	4 JSPF	36 holes
10/06/06	5188-5195'	4 JSPF	28 holes
10/06/06	4729-4734'	4 JSPF	20 holes
10/06/06	4718-4721'	4 JSPF	12 holes
10/06/06	4656-4661'	4 JSPF	20 holes
07/12/11	4894-4896'	3 JSPF	6 holes
07/12/11	4885-4889'	3 JSPF	12 holes

**NEWFIELD**

**Ashley Federal 13-26-9-15**

630' FSL & 634' FWL

SW/SW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32906; Lease #UTU-66185

## Ashley Federal 15-26-9-15

Spud Date: 9-08-06

Put on Production: 10-25-06

GL: 6446' KB: 6458'

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (311.1')

DEPTH LANDED: 322.95' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts (5841.04')

DEPTH LANDED: 5840.29' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 123'

#### TUBING

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

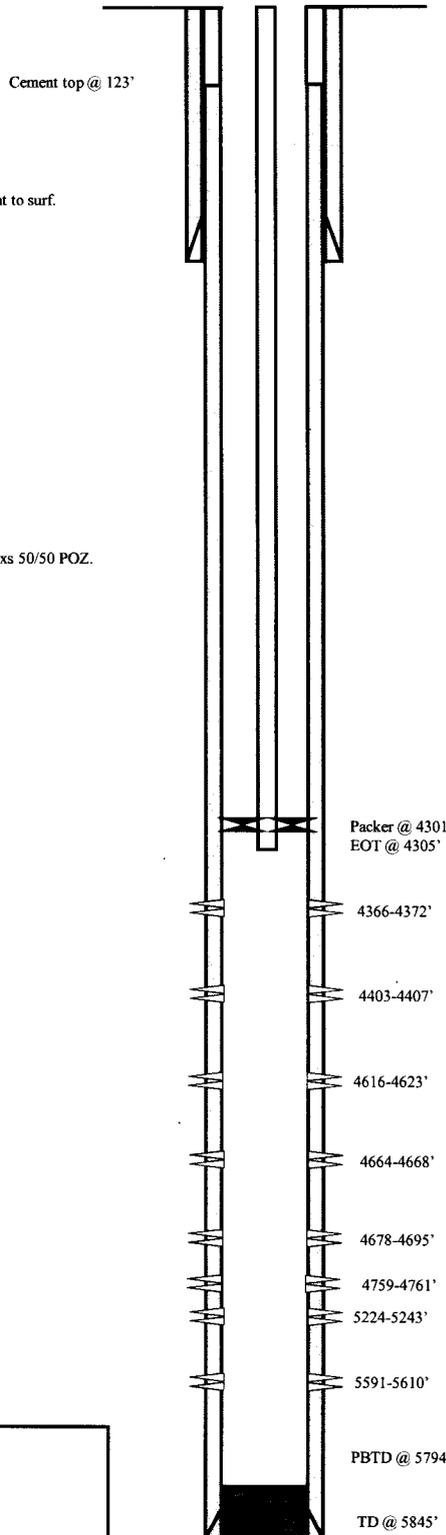
NO. OF JOINTS: 136 jts (4284.7')

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

SN LANDED AT: 4296.7' KB

CE @ 4301.13'

TOTAL STRING LENGTH: EOT @ 4305' KB



#### FRAC JOB

10-18-06	5591-5610'	<b>Frac CP5 sands as follows:</b> 64152# 20/40 sand in 530 bbls Lightning 17 frac fluid. Treated @ avg press of 2360 psi w/avg rate of 24.8 BPM. ISIP 2820 psi. Calc flush: 5086 gal. Actual flush: 5589 gal.
10-18-06	5224-5243'	<b>Frac LODC sands as follows:</b> 79987# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 24.8 BPM. ISIP 2700 psi. Calc flush: 4704 gal. Actual flush: 5222 gal.
10-18-06	4616-4695'	<b>Frac B1, &amp; B2 sands as follows:</b> 119451# 20/40 sand in 831 bbls Lightning 17 frac fluid. Treated @ avg press of 1615 psi w/avg rate of 25 BPM. ISIP 1910 psi. Calc flush: 4112 gal. Actual flush: 4614 gal.
10-19-06	4366-4407'	<b>Frac DS1, &amp; C sands as follows:</b> 33573# 20/40 sand in 362 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/ avg rate of 15.1 BPM. ISIP 1590 psi. Calc flush: 4242 gal. Actual flush: 4364 gal.
2/2/2010		<b>Parted rods.</b> Updated rod and tubing detail.
10/4/2010		<b>Parted rods.</b> Update rod and tubing detail.
10/22/10	4759-4829'	<b>Frac A1 &amp; A.5 sands as follows:</b> 65282# 20/40 sand in 510 Lightning 17 fluid.
10/27/10		<b>Re-Completion</b>
5/10/11		<b>Convert to Injection well</b>
5/19/11		<b>Conversion MIT Finalized</b> - update tbg detail

#### PERFORATION RECORD

10-10-06	5591-5610'	4 JSPF	76 holes
10-18-06	5224-5243'	4 JSPF	76 holes
10-18-06	4678-4695'	4 JSPF	68 holes
10-18-06	4664-4668'	4 JSPF	16 holes
10-18-06	4616-4623'	4 JSPF	28 holes
10-18-06	4403-4407'	4 JSPF	16 holes
10-18-06	4366-4372'	4 JSPF	24 holes
10/22/10	4826-4829'	3 JSPF	9 holes
10/22/10	4805-4808'	3 JSPF	9 holes
10/22/10	4759-4761'	3 JSPF	6 holes

**NEWFIELD**

**Ashley Federal 15-26-9-15**

613' FSL & 1688' FEL

SW/SE Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32908; Lease # UTU-66185

## Ashley Federal 9-27-9-15

Spud Date: 06/24/06  
 Put on Production: 08/21/06  
 K.B.: 6586' G.L.: 6574'

### Injection Wellbore Diagram

#### SURFACE CASING

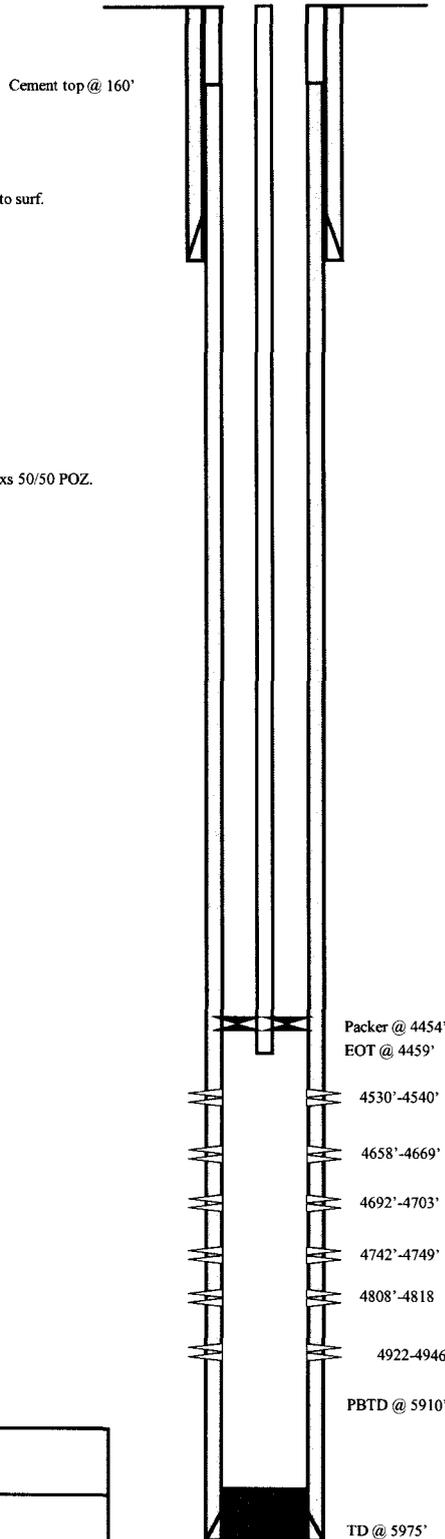
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (293.02')  
 DEPTH LANDED: 304.87' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5947.25')  
 DEPTH LANDED: 5960.50' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 160'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4438.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4450.1' KB  
 CE @ 4454.53'  
 TOTAL STRING LENGTH: EOT @ 4459' w/ 12' KB



#### FRAC JOB

08/18/06 4922-4946' **Frac A1 sands as follows:**  
 97727# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2187 psi w/avg rate of 25.1 BPM. ISIP 2400 psi. Calc flush: 4944 gal. Actual flush: 4788 gal.

10/12/06 **Recompletion. Rod & Tubing Detail Updated. New perfs added.**

10/12/06 4808'-4818' **Frac B2 sands as follows:**  
 34,168# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.9 BPM. ISIP 1975 psi Calc flush: 4806 gal. Actual flush: 4347 gal.

10/13/06 4749'-4669' **Frac B.5, C, D3 sand as follows:**  
 139,240# 20/40 sand in 943 bbls Lightning 17 frac fluid. Treated w/ ave press of 1955 psi @ avg rate of 24.9 BPM. ISIP 1910 psi Calc flush: 4747 gal. Actual flush: 4150 gal.

10/13/06 4530'-4540' **Frac D2 sands as follows:**  
 47,296# 20/40 sand in 431 bbls Lightning 17 frac fluid. Treated w/ ave press of 2275psi @ ave rate of 24.4 BPM. ISIP 2170 psi Calc flush: 4528 gal. Actual flush: 4410 gal.

02-07-07 **Pump Change:** Updated rod and tubing detail.

10/21/10 **Converted to Injection well**

11/04/10 **Conversion MIT completed - tbg detail updated**

#### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
08/10/06	4922-4946'	4 JSPF	96 holes
10/12/06	4808'-4818'	4 JSPF	40 holes
10/13/06	4742'-4749'	4 JSPF	28 holes
10/13/06	4692'-4703'	4 JSPF	44 holes
10/13/06	4658'-4669'	4 JSPF	44 holes
10/13/06	4530'-4540'	4 JSPF	40 holes

**NEWFIELD**

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**Ashley Federal 9-27-9-15**

2011' FSL & 463' FEL  
 NE/SE Section 27-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32875; Lease #UTU-66185

## Ashley Federal 16-27-9-15

Spud Date: 6-27-06  
 Put on Production: 10-19-06  
 GL: 6611' KB: 6623'

### Injection Wellbore Diagram

#### SURFACE CASING

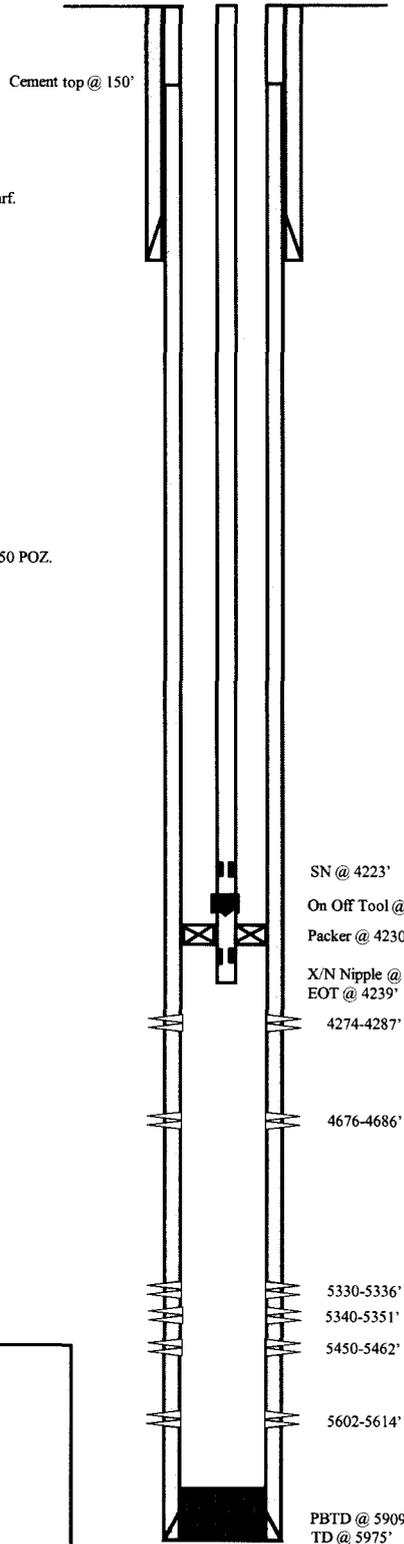
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (300.68')  
 DEPTH LANDED: 312.53' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (5955.27')  
 DEPTH LANDED: 5954.52' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 150'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 131 jts (4210.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4222.7' KB  
 ON/OFF TOOL AT: 4223.8'  
 ARROW #1 PACKER CE AT: 4229.7'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4232.6'  
 TBG PUP 2-3/8 J-55 AT: 4233.1'  
 X/N NIPPLE AT: 4237.3'  
 TOTAL STRING LENGTH: EOT @ 4238.84'



#### FRAC JOB

10-12-06 4274-4287' **Frac PB10 sands as follows:**  
 27441# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 1555 psi w/avg rate of 14.5 BPM. ISIP 2120 psi. Calc flush: 4158 gal. Actual flush: 4272 gal.

02/13/07 **Re-completion.**

02-14-07 5602-5614' **Frac CP3 sands as follows:**  
 32211# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press of 3864 psi w/avg rate of 14.4 BPM. ISIP 1970 psi. Calc flush: 3129 gal. Actual flush: 1344 gal.

02-15-07 5450-5462' **Frac CP1 sands as follows:**  
 45377# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 3239 psi w/avg rate of 14.4 BPM. ISIP 2180 psi. Calc flush: 1609 gal. Actual flush: 1260 gal.

02-15-07 5330-5351' **Frac LODC sands as follows:**  
 60323# 20/40 sand 483 bbls Lightning 17 frac fluid. Treated @ avg press of 3473 psi w/avg rate of 14.4 BPM. ISIP 2330 psi. Calc flush: 1599 gal. Actual flush: 1302 gal.

02-15-07 4676-4686' **Frac C sands as follows:**  
 44808# 20/40 sand 329 bbls Lightning 17 frac fluid. Treated @ avg press of 3399 psi w/avg rate of 14.4 BPM. ISIP 2000 psi. Calc flush: 1819 gal. Actual flush: 1092 gal.

8/8/2011 **Parted Rods.** Updated rod & tubing detail.

04/23/13 **Convert to Injection Well**

04/24/13 **Conversion MIT Finalized** - update tbg detail

#### PERFORATION RECORD

Date	Interval	Tool	Holes
10-02-06	4274-4287'	4 JSPF	52 holes
02-13-07	5602-5614'	4 JSPF	48 holes
02-13-07	5450-5462'	4 JSPF	48 holes
02-13-07	5340-5351'	4 JSPF	44 holes
02-13-07	5330-5336'	4 JSPF	24 holes
02-13-07	4676-4686'	4 JSPF	40 holes



**Ashley Federal 16-27-9-15**  
 660' FSL & 660' FEL  
 SE/SE Section 27-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-32881; Lease # UTU-66185

# Ashley Federal 11-26-9-15

Spud Date: 9/15/06  
 Put on Production: 10/27/06  
 K.B.: 6525' G.L.: 6513'

## Injection Wellbore Diagram

### SURFACE CASING

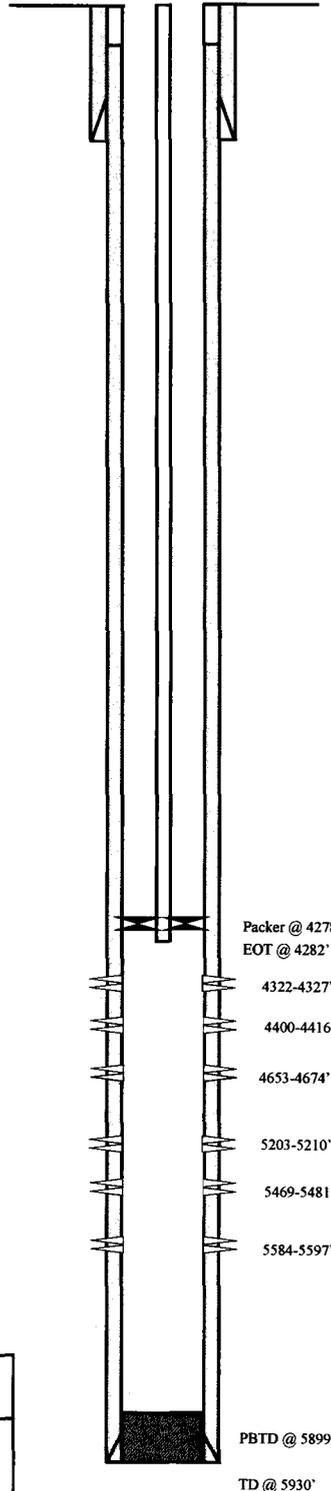
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.64')  
 DEPTH LANDED: 322.49' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5902.08')  
 DEPTH LANDED: 5915.33' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 30'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 136 jts (4261.6')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4273.6'  
 CE @ 4278.02'  
 TOTAL STRING LENGTH: EOT @ 4282' w/ 12' K B



### FRAC JOB

10/23/06	5584-5597'	<b>Frac CP4, sands as follows:</b> 28213# 20/40 sand in 373 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 5595 gal. Actual flush: 5082 gal.
10/23/06	5469-5481'	<b>Frac CP2 sands as follows:</b> 29334# 20/40 sand in 367 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25 BPM. ISIP 2285 psi. Calc flush: 5479 gal. Actual flush: 4956 gal.
10/23/06	5203-5210'	<b>Frac LODOC sands as follows:</b> 20362# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2865 psi w/avg rate of 24.4 BPM. ISIP 2530 psi. Calc flush: 5208 gal. Actual flush: 4704 gal.
10/24/06	4653-4674'	<b>Frac D3 sands as follows:</b> 74428# 20/40 sand in 568 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2040 psi. Calc flush: 4672 gal. Actual flush: 4158 gal.
10/24/06	4400-4416'	<b>Frac DS1 sands as follows:</b> 24198# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 1890 psi. Calc flush: 4414 gal. Actual flush: 3906 gal.
10/24/06	4322-4327'	<b>Frac PB11 sands as follows:</b> 13889# 20/40 sand in 242 bbls Lightning 17 frac fluid. Treated @ avg press of 2580 psi w/avg rate of 14.5 BPM. ISIP 2000 psi. Calc flush: 4325 gal. Actual flush: 4200 gal.
8/16/07		<b>Pump change.</b> Updated rod & tubing detail.
10/25/10		<b>Convert to Injection well</b>
11/04/10		<b>Conversion MIT completed</b> – tbg detail updated.

### PERFORATION RECORD

10/16/06	5584-5597'	4 JSPF	52 holes
10/23/06	5469-5481'	4 JSPF	48 holes
10/23/06	5203-5210'	4 JSPF	28 holes
10/23/06	4653-4674'	4 JSPF	84 holes
10/24/06	4400-4416'	4 JSPF	64 holes
10/24/06	4322-4327'	4 JSPF	20 holes

**NEWFIELD**

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**Ashley Federal 11-26-9-15**

1640' FSL & 2079' FWL  
 NE/SW Section 26-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32904; Lease #UTU-66185

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Michael McBride**

Well Name: **ASHLEY 14-26-9-15**

Lab Tech: **Gary Winegar**

Sample Point:

Sample Date: **9/3/2013**

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

Sample ID: **WA-252698**

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	9/10/2013	Sodium (Na):	2859.00	Chloride (Cl):	5000.00
System Temperature 1 (°F):	120	Potassium (K):	12.80	Sulfate (SO4):	5.00
System Pressure 1 (psig):	60	Magnesium (Mg):	3.50	Bicarbonate (HCO3):	1952.00
System Temperature 2 (°F):	210	Calcium (Ca):	14.00	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	2.60	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.004	Barium (Ba):	3.50	Propionic Acid (C2H5COO)	
pH:	7.90	Iron (Fe):	9.80	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	9878.44	Zinc (Zn):	1.60	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	280.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.30	Silica (SiO2):	14.34
H2S in Water (mg/L):	5.00				

Notes:  
B=2.8 AI=.04 Li=.5

(PTB = Pounds per Thousand Barrels)

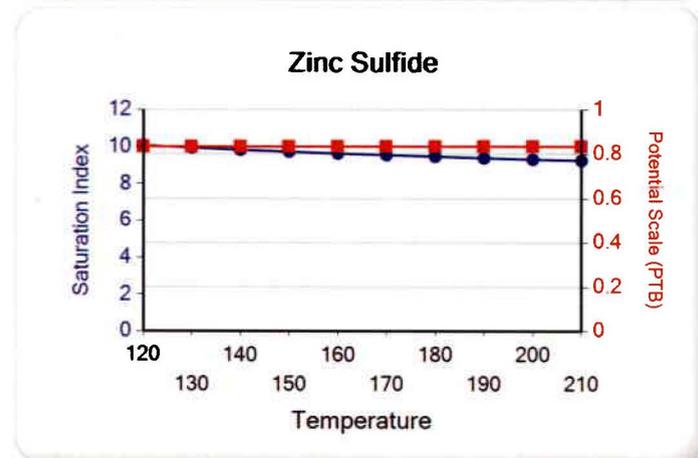
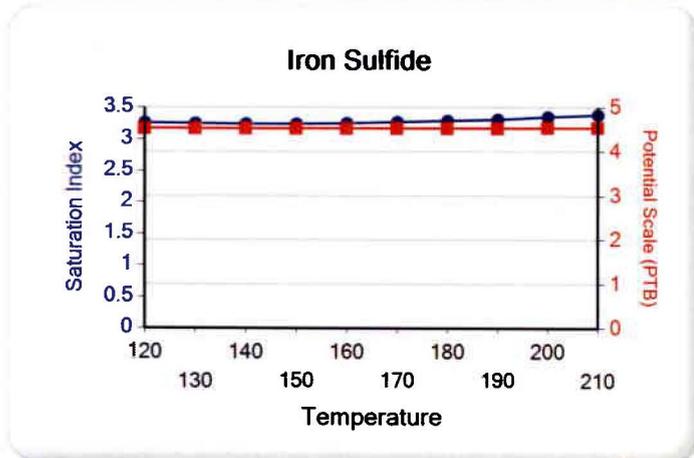
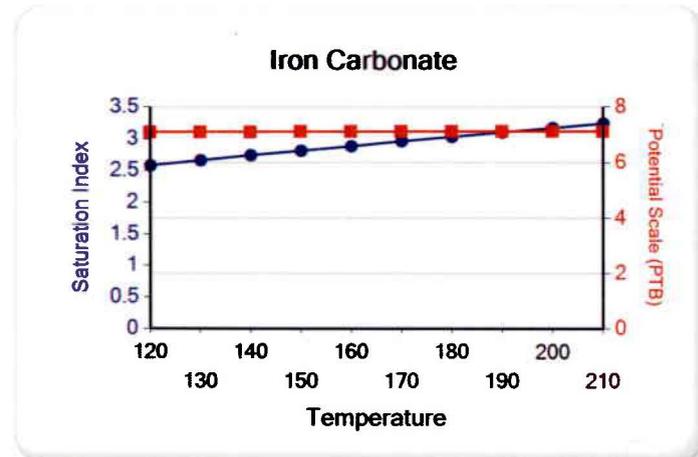
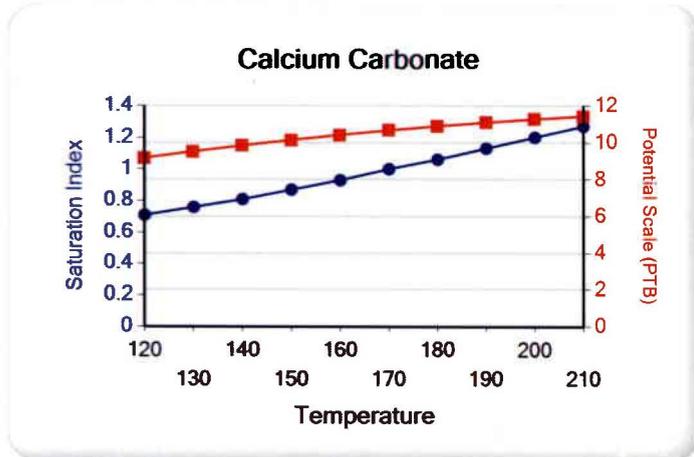
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.27	11.42	0.00	0.00	3.38	4.53	3.24	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.83
200.00	60.00	1.20	11.27	0.00	0.00	3.35	4.53	3.17	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.32	0.83
190.00	60.00	1.13	11.09	0.00	0.00	3.31	4.53	3.10	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.83
180.00	60.00	1.06	10.90	0.00	0.00	3.29	4.53	3.03	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.83
170.00	60.00	1.00	10.67	0.00	0.00	3.27	4.53	2.96	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.55	0.83
160.00	60.00	0.93	10.42	0.00	0.00	3.25	4.53	2.88	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.63	0.83
150.00	60.00	0.87	10.14	0.00	0.00	3.24	4.53	2.81	7.12	0.00	0.00	0.00	0.00	0.00	0.00	9.73	0.83
140.00	60.00	0.81	9.84	0.00	0.00	3.24	4.53	2.74	7.11	0.00	0.00	0.00	0.00	0.00	0.00	9.83	0.83
130.00	60.00	0.76	9.52	0.00	0.00	3.25	4.53	2.66	7.11	0.00	0.00	0.00	0.00	0.00	0.00	9.95	0.83
120.00	60.00	0.71	9.17	0.00	0.00	3.26	4.53	2.58	7.10	0.00	0.00	0.00	0.00	0.00	0.00	10.07	0.83

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	1.07	0.00	0.00	2.41	5.26	0.77	3.45	10.70	7.62
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	1.07	0.00	0.00	1.88	4.55	0.45	2.23	10.29	7.62
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	1.07	0.00	0.00	1.35	3.62	0.13	0.86	9.88	7.61
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08	1.07	0.00	0.00	0.82	2.43	0.00	0.00	9.47	7.61
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	1.07	0.00	0.00	0.28	0.98	0.00	0.00	9.06	7.60
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.65	7.60
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.25	7.59
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	1.05	0.00	0.00	0.00	0.00	0.00	0.00	7.84	7.57
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.04	0.00	0.00	0.00	0.00	0.00	0.00	7.45	7.55
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	1.02	0.00	0.00	0.00	0.00	0.00	0.00	7.06	7.53

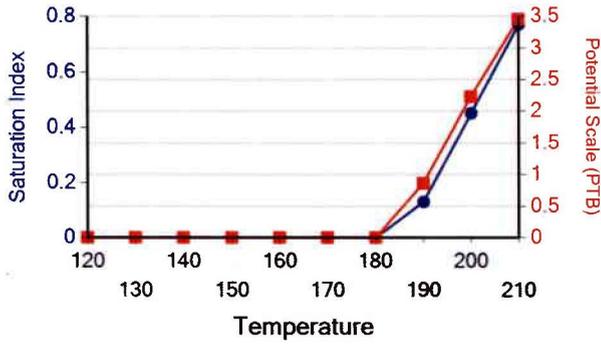
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Fe Silicate

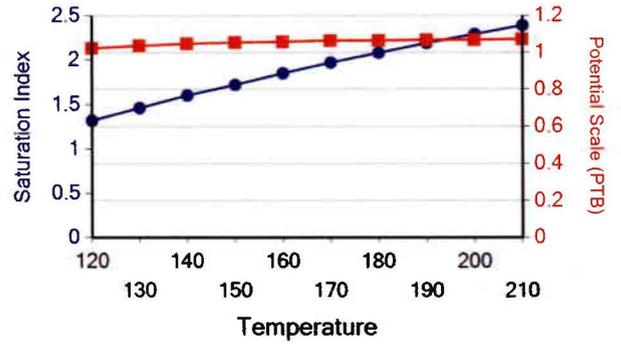


Water Analysis Report

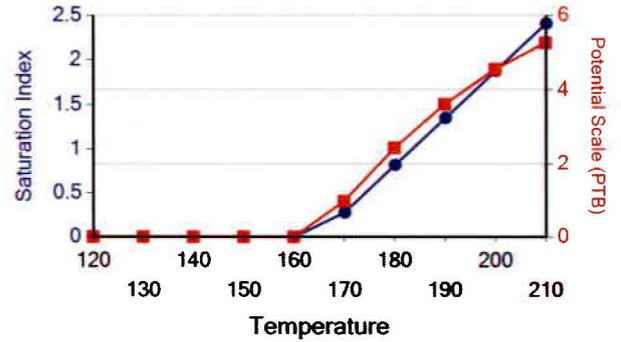
Ca Mg Silicate



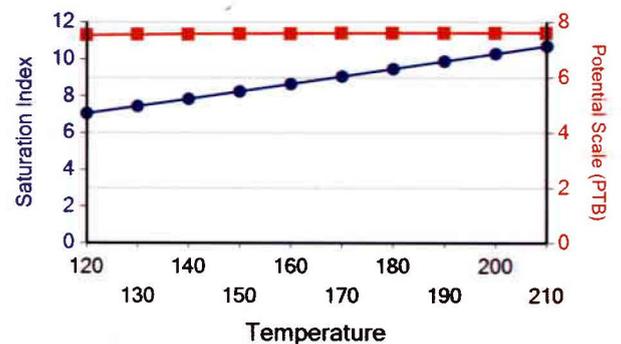
Zinc Carbonate



Mg Silicate



Fe Silicate



**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION**

Well Name: **ASHLEY INJ FACILITY**

Sample Point: **After All Filters**

Sample Date: **11/18/2013**

Sample ID: **WA-259559**

Sales Rep: **Jacob Bird**

Lab Tech: **Gary Winegar**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/27/2013	Sodium (Na):	4018.00	Chloride (Cl):	9000.00
System Temperature 1 (°F):	120	Potassium (K):	1781.00	Sulfate (SO4):	85.00
System Pressure 1 (psig):	2000	Magnesium (Mg):	13.00	Bicarbonate (HCO3):	1224.00
System Temperature 2 (°F):	210	Calcium (Ca):	42.00	Carbonate (CO3):	
System Pressure 2 (psig):	2000	Strontium (Sr):	8.10	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.008	Barium (Ba):	6.00	Propionic Acid (C2H5COO)	
pH:	8.30	Iron (Fe):	1.50	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	16204.49	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	80.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.18	Silica (SiO2):	25.68
H2S in Water (mg/L):	4.00				

**Notes:**

**B=6 AI=.07 LI=2.1**

(PTB = Pounds per Thousand Barrels)

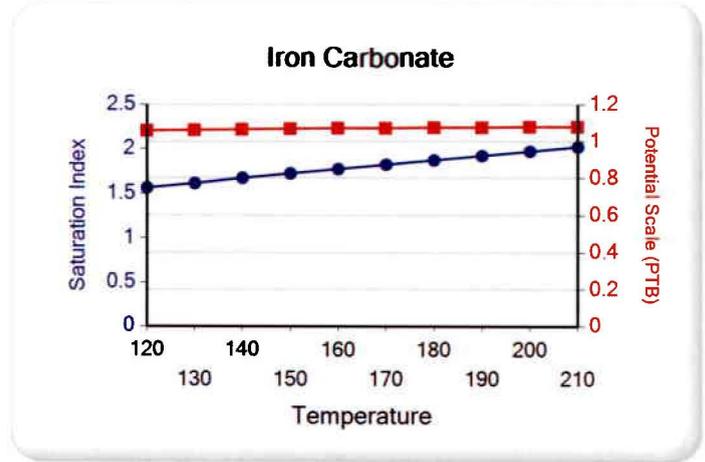
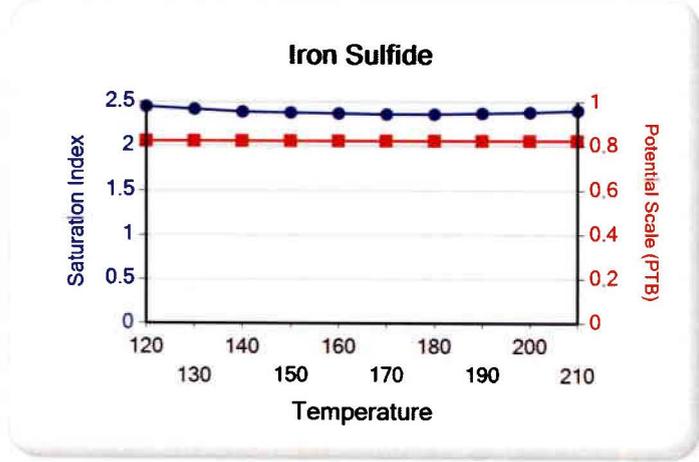
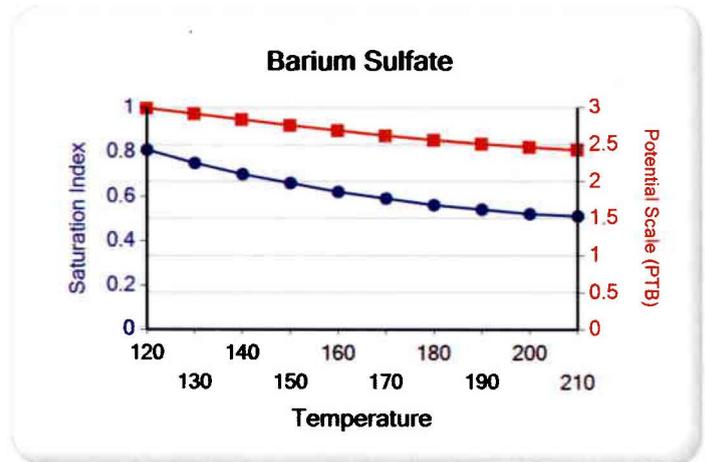
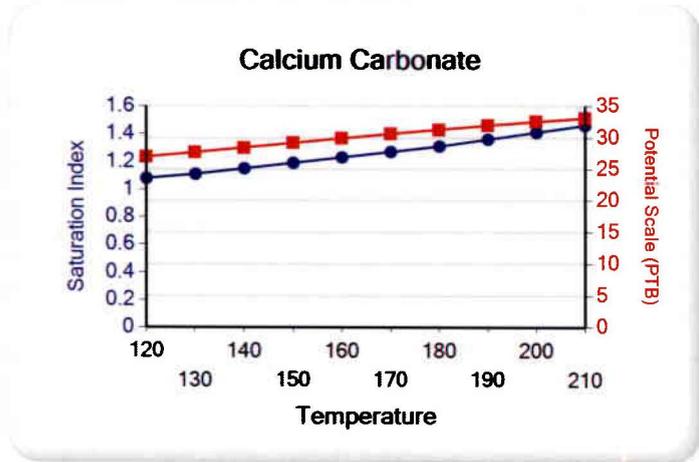
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.46	33.08	0.51	2.43	2.40	0.82	2.02	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.44	0.01
200.00	2000.00	1.41	32.54	0.52	2.46	2.38	0.82	1.97	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.52	0.01
190.00	2000.00	1.36	31.94	0.54	2.51	2.37	0.82	1.92	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.61	0.01
180.00	2000.00	1.31	31.31	0.56	2.56	2.36	0.82	1.87	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.70	0.01
170.00	2000.00	1.27	30.63	0.59	2.62	2.36	0.82	1.82	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.01
160.00	2000.00	1.23	29.93	0.62	2.69	2.37	0.82	1.77	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.91	0.01
150.00	2000.00	1.19	29.20	0.66	2.76	2.38	0.82	1.72	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.03	0.01
140.00	2000.00	1.15	28.46	0.70	2.84	2.39	0.82	1.67	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.15	0.01
130.00	2000.00	1.11	27.72	0.75	2.92	2.42	0.82	1.61	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.29	0.01
120.00	2000.00	1.08	26.99	0.81	2.99	2.45	0.82	1.56	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.01

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.00	0.00	5.45	21.52	2.81	13.36	9.15	1.17
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00	0.00	5.03	20.36	2.56	12.56	8.85	1.16
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	4.61	19.03	2.32	11.64	8.55	1.16
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	4.18	17.56	2.07	10.62	8.25	1.16
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	3.74	15.97	1.82	9.52	7.95	1.16
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30	14.29	1.56	8.35	7.65	1.16
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	12.54	1.31	7.13	7.34	1.16
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	10.74	1.06	5.88	7.05	1.16
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	8.91	0.81	4.61	6.76	1.16
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	7.04	0.56	3.33	6.47	1.16

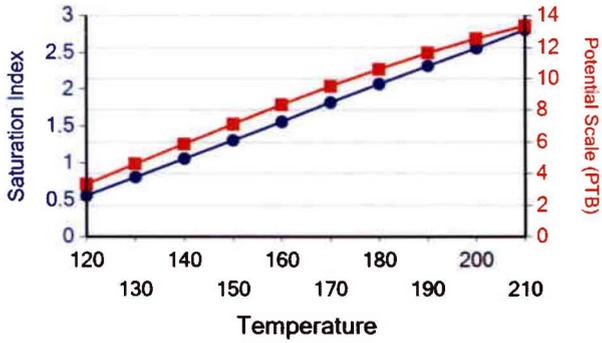
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

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

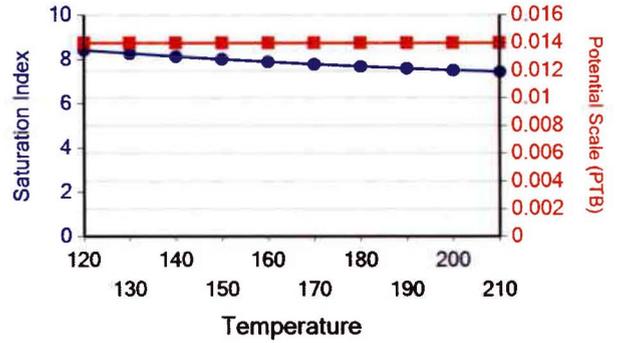


Water Analysis Report

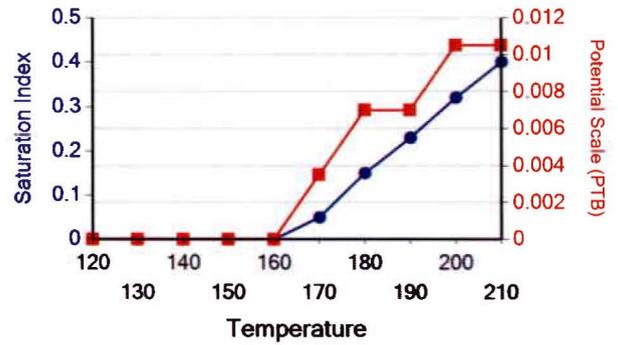
Ca Mg Silicate



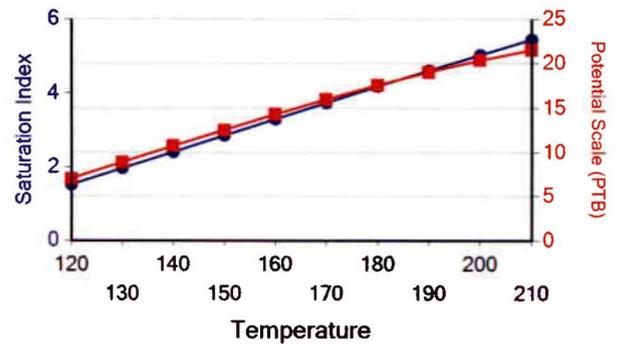
Zinc Sulfide



Zinc Carbonate

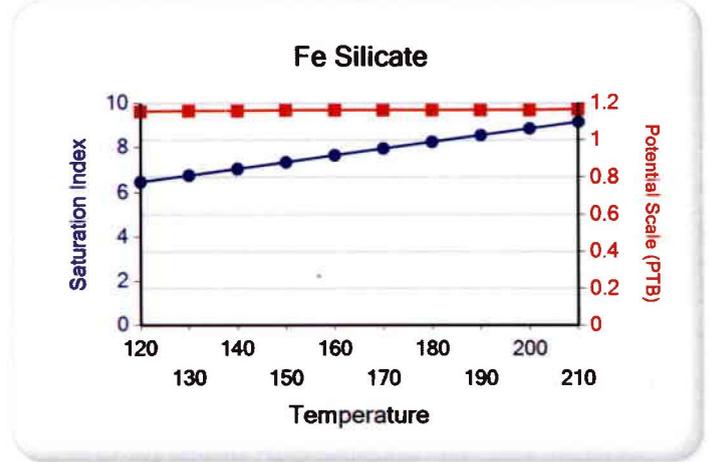


Mg Silicate



7 of 7

Water Analysis Report



**Attachment "G"**

**Ashley #14-26-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5570	5582	5576	2600	0.90	2564
5480	5489	5485	2250	0.84	2214
5028	5056	5042	2350	0.90	2317
4718	4734	4726	1920	0.84	1889
4408	4427	4418	1860	0.85	1831
				<b>Minimum</b>	<u><u>1831</u></u> ←

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 14-26-9-15 Report Date: 10-5-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5935' Csg PBTD: 5875'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone CP3 sds, Perfs 5570-5582', SPF/#shots 4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: 04-Oct-06 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5875' & cement top @ 240'. Perforate stage #1, CP3 sds @ 5570-82' w/ 4" Port guns (19 gram, .46"HE. 120°) w/ 4 spf for total of 48 shots 140 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 140 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
D&M Hot Oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST:



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 14-26-9-15 **Report Date:** Oct. 12, 2006 **Day:** 2a  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5935' **Csg PBTD:** 5875'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** \_\_\_\_\_

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u> <u>CP3 sds</u>	<u>Perfs</u> <u>5570-5582'</u>	<u>SPF/#shots</u> <u>4/48</u>

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 11-Oct-06 **SITP:** \_\_\_\_\_ **SICP:** 40 psi

Day 2a.

RU BJ Services. 40 psi on well. Frac CP3 sds w/ 38,582#'s of 20/40 sand in 438 bbls of Lightning 17 fluid. Broke @ 2722 psi Treated w/ ave pressure of 2692 psi @ ave rate of 25.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2600 psi. Leave pressure on well. 578 BWTR. See Day 2b.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 140 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 438 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 578 **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:** CP3 sands

**COSTS**

BJ Services-CP3  
NPC frac wtr  
NPC fuel gas  
Weatherford tools/serv  
NPC trucking  
NPC Supervisor

- 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
- 414 gals W/ 6.5 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 5082 gals of slick water

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

**Max TP:** 2923 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 438 bbls  
**Avg TP:** 2692 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 38,582#'s  
**ISIP:** 2600 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .90

**Completion Supervisor:** Orson Barney

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



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 14-26-9-15 **Report Date:** Oct. 12, 2006 **Day:** 2b  
**Operation:** Completion **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5935' **Csg PBTD:** 5875'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBTD:** 5160'  
**BP:** 5540'

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			<u>CP3 sds</u>	<u>5570-5582'</u>	<u>4/48</u>
<u>LODC</u>	<u>5028-5033'</u>	<u>4/20</u>			
<u>LODC</u>	<u>5040-5056'</u>	<u>4/64</u>			
<u>CP2 sds</u>	<u>5480-5489'</u>	<u>4/36</u>			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 11-Oct-06 **SITP:** \_\_\_\_\_ **SICP:** 1895 psi

Day 2b. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 9' perf gun. Set plug @ 5540'. Perforate CP2 sds @ 5480- 89' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 36 shots. RU B. Services. 1895 psi on well. Pressure up on well to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services 1823 psi on well. Frac CP2 sds w/ 34,625#'s of 20/40 sand in 394 bbls of Lightning 17 fluid. Broke @ 3548 psi. Treated w/ ave pressure of 2530 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2250 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 16' & 5' perf gun. Set plug @ 5160'. Perforate LODC sds @ 5040- 56', 5028-33' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 84 shots. Leave pressure or well. 972 BWTR.

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 578 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 394 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 972 **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

**COSTS**

BJ Services-CP2  
NPC frac wtr  
NPC fuel gas  
Weatherford tools/serv  
Lone Wolf WL-CP2  
NPC Supervisor  
Lone Wolf WL-LODC

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  
450 gals W/ 6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4973 gals of slick water

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

**Max TP:** 2790 **Max Rate:** 25 BPM **Total fluid pmpd:** 394 bbls  
**Avg TP:** 2530 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 34,625#'s  
**ISIP:** 2250 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .84

**Completion Supervisor:** Orson Barney

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



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 14-26-9-15      **Report Date:** Oct. 13, 2006      **Day:** 3a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 322'      **Prod Csg:** 5-1/2" @ 5935'      **Csg PBTD:** 5875'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5160'  
**BP:** 5540'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone CP3 sds	Perfs 5570-5582'	SPF/#shots 4/48
LODC	5028-5033'	4/20			
LODC	5040-5056'	4/64			
CP2 sds	5480-5489'	4/36			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 12-Oct-06      **SITP:** \_\_\_\_\_ **SICP:** 1700 psi

Day 3a.

RU BJ Services. 1700 psi on well. Frac LODC sds w/ 80,508#'s of 20/40 sand in 605 bbls of Lightning 17 fluid Broke @ 3178 psi. Treated w/ ave pressure of 2060 psi @ ave rate of 25 BPM. Pumped 504 gals of 15% HCL in flust for Stage #4. ISIP 2350 psi. Leave pressure on well. 1577 BWTR. See Day 3b.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 972      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 605      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1577      **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

- \_\_\_\_\_ 6000 gals of pad
- \_\_\_\_\_ 4000 gals W/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 8000 gals W/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 2387 gals W/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush W/ 504 gals of 15% HCL acid
- \_\_\_\_\_ Flush W/ 4519 gals of slick water

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

**Max TP:** 2320      **Max Rate:** 25.3 BPM      **Total fluid pmpd:** 605 bbls  
**Avg TP:** 2060      **Avg Rate:** 25 BPM      **Total Prop pmpd:** 80,508#'s  
**ISIP:** 2350      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .90

**Completion Supervisor:** Orson Barney

### COSTS

BJ Services-LODC  
NPC frac wtr  
NPC fuel gas  
Weatherford tools/serv  
NPC Supervisor

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

# NEWFIELD



# ATTACHMENT G-1

5 of 9

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 14-26-9-15 **Report Date:** Oct. 13, 2006 **Day:** 3b  
**Operation:** Completion **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5935' **Csg PBD:** 5875'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBD:** 4830'  
**BP:** 5160', 5540'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5570-5582'	4/48
B1 sds	4718-4722'	4/16			
B1 sds	4730-4734'	4/16			
LODC	5028-5033'	4/20			
LODC	5040-5056'	4/64			
CP2 sds	5480-5489'	4/36			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 12-Oct-06 **SITP:** \_\_\_\_\_ **SICP:** 2028 psi

Day 3b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 4' & 4' perf gun. Se plug @ 4830'. Perforate B1 sds @ 4730- 34', 4718- 22' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for tota of 32 shots. RU BJ Services. 2028 psi on well. Frac B1 sds w/ 34,355#'s of 20/40 sand in 373 bbls of Lightning 17 fluid. Broke @ 3483 psi. Treated w/ ave pressure of 1910 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1920 psi. Leave pressure on well. 1950 BWTR. See Day 3c.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1577 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 373 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1950 **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:** B1 sands

### COSTS

BJ Services-B1  
NPC frac wtr  
NPC fuel gas  
Weatherford tools/serv  
Lone Wolf WL  
NPC Supervisor

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  
332 gals W/ 6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4209 gals of slick water

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

**Max TP:** 2260 **Max Rate:** 25.3 BPM **Total fluid pmpd:** 373 bbls  
**Avg TP:** 1910 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 34,355#'s  
**ISIP:** 1920 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .84

**Completion Supervisor:** Orson Barney

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



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 14-26-9-15      **Report Date:** Oct. 13, 2006      **Day:** 3c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 322'      **Prod Csg:** 5-1/2" @ 5935'      **Csg PBTD:** 5875'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4535'  
**BP:** 4830', 5160', 5540'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS2 sds	<u>4408-4427'</u>	<u>4/76</u>	CP3 sds	<u>5570-5582'</u>	<u>4/48</u>
B1 sds	<u>4718-4722'</u>	<u>4/16</u>			
B1 sds	<u>4730-4734'</u>	<u>4/16</u>			
LODC	<u>5028-5033'</u>	<u>4/20</u>			
LODC	<u>5040-5056'</u>	<u>4/64</u>			
CP2 sds	<u>5480-5489'</u>	<u>4/36</u>			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 12-Oct-06      **SITP:** \_\_\_\_\_      **SICP:** 1575 psi

Day 3c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 19' perf gun. Se plug @ 4535'. Perforate DS2 sds @ 4408- 27' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 76 shots. RU BJ Services. 1575 psi on well. Frac DS2 sds w/ 67,342#'s of 20/40 sand in 502 bbls of Lightning 17 fluid Broke @ 3426 psi. Treated w/ ave pressure of 1760 psi @ ave rate of 25 BPM. ISIP 1860 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 5 1/2 hrs & died. Rec. 363 BTF. SIWFN w/ 2089 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1950      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 139      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2089      **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:** DS2 sands

- 5000 gals of pad
- 3319 gals W/ 1-5 ppg of 20/40 sand
- 6622 gals W/ 5-8 ppg of 20/40 sand
- 1817 gals W/ 8 ppg of 20/40 sand
- Flush W/ 4326 gals of slick water

**Max TP:** 2070      **Max Rate:** 25.3 BPM      **Total fluid pmpd:** 502 bbls  
**Avg TP:** 1760      **Avg Rate:** 25 BPM      **Total Prop pmpd:** 67,342#'s  
**ISIP:** 1860      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .86

**Completion Supervisor:** Orson Barney

### COSTS

- BJ Services-DS2
- NPC frac wtr
- NPC fuel gas
- Weatherford tools/serv
- Lone Wolf WL
- NPC Supervisor
- Unichem chemicals
- Monks pit reclaim
- NPC sfc equipment
- R/T labor & welding
- NDSI wtr disposal
- NPC location cleanup

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



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 14-26-9-15 Report Date: Oct. 19, 2006 Day: 04  
Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5935' Csg PBTD: 5875'WL  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4741' BP/Sand PBTD:  
BP: 4830', 5160', 5540'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS2 sds	4408-4427'	4/76	CP3 sds	5570-5582'	4/48
B1 sds	4718-4722'	4/16			
B1 sds	4730-4734'	4/16			
LODC	5028-5033'	4/20			
LODC	5040-5056'	4/64			
CP2 sds	5480-5489'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 18, 2006 SITP: SICP: 125

MIRU NC #1. Bleed pressure off well. Rec est 25 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4475'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd to composite bridge plug @ 4535'. Drill out plug in 32 minutes (W/ conventional circulation). Con't swivelling jts in hole. Tag fill @ 4806'. Circ hole clean W/ no fluid loss. Hang back swivel. Pull EOT to 4741'. SIFN W/ est 2053 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2089 Starting oil rec to date:  
Fluid lost/recovered today: 36 Oil lost/recovered today:  
Ending fluid to be recovered: 2053 Cum oil recovered:  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: _____	Job Type: _____	NC #1 rig _____
Company: _____		Weatherford BOP _____
Procedure or Equipment detail:		NDSI trucking _____
_____		NPC trucking _____
_____		NDSI wtr & truck _____
_____		Mt. West sanitation _____
_____		B & L - new J55 tbg _____
_____		RBS swivel _____
_____		NPC supervision _____
_____		_____
_____		_____

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



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 14-26-9-15 Report Date: Oct. 20, 2006 Day: 05
Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5935' Csg PBD: 5920'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4741' BP/Sand PBD: 5920'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include DS2 sds, B1 sds, LODC, and CP2 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 19, 2006 SITP: 0 SICP: 0

TIH W/ bit & tbg f/ 4741'. Tag fill @ 4806'. PU power swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4806', plug @ 4830' in 33 minutes; no sd, plug @ 5160' in 24 minutes; no sd, plug @ 5540' in 30 minutes. Con't swivelling jts in hole. Tag fill @ 5782'. Drill plug remains & sd to PBD @ 5920' (?). Circ hole clean. Lost est 85 BW during cleanout. RD swivel. Pull EOT to 5780'. RU swab equipment. IFL @ sfc Made 10 swb runs rec 130 BTF W/ light gas, sm tr oil & no sand. FFL @ 2200'. TIH W/ tbg. Tag sd @ 5915' (5' new fill). C/O sd to PBD @ 5920'. Circ hole clean. Lost est 60 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg to 805'. SIFN W/ est 2068 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2053 Starting oil rec to date:
Fluid lost/recovered today: 15 Oil lost/recovered today:
Ending fluid to be recovered: 2068 Cum oil recovered:
IFL: sfc FFL: 2200' FTP: Choke: Final Fluid Rate: Final oil cut: tr

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: NC #1 rig
Company: Weatherford BOP
Procedure or Equipment detail: RBS swivel
NPC trucking
NPC supervision

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: \$0
TOTAL WELL COST:



**DAILY COMPLETION REPORT**

**WELL NAME:** Ashley Federal 14-26-9-15 **Report Date:** Oct. 21, 2006 **Day:** 06  
**Operation:** Completion **Rig:** NC #1

**WELL STATUS**

**Surf Csg:** 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5935' **Csg PBTD:** 5920'  
**Tbg:** Size: 2 7/8" Wt: 6.5# **Grd:** J-55 **Pkr/EOT @:** 5665' **BP/Sand PBTD:** 5920'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS2 sds	4408-4427'	4/76	CP3 sds	5570-5582'	4/48
B1 sds	4718-4722'	4/16			
B1 sds	4730-4734'	4/16			
LODC	5028-5033'	4/20			
LODC	5040-5056'	4/64			
CP2 sds	5480-5489'	4/36			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** Oct. 20, 2006 **SITP:** 0 **SICP:** 0

Open well w/ 0 psi. Continue TIH w/ production string. RD BOP. Set TA @ 5566' w/ 15,000#'s tension w/ SN @ 5600' w/ EOT @ 5665'. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 14.5' RHAC (CDI new) pump, 6 - 1-1/2" wt bars, 10 - 3/4" guided rods, 108 - 3/4" slick rods, 100 - 3/4" guided rods, 2', 4', 8' - 3/4" pony rods, 1-1/2" x 22 polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 5:30 PM @ 6 SPM w/ 84" SL w/ 2066 bbls EWTR. **Final Report.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 2068 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 0 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2068 **Cum oil recovered:** \_\_\_\_\_  
**IFL:** sfc **FFL:** 2200' **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut: tr** \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 22' polished rd(used)	NC #1 rig
176 2 7/8 J-55 tbg (5554.12')	6', 2' X 3/4" pony rods (used)	Weatherford BOP's
TA (2.80' @ 5566.12' KB)	100-3/4" scraped rds(used)	CDI SN
1 2 7/8 J-55 tbg (31.62')	114-3/4" plain rods (used)	CDI TA
SN (1.10' @ 5600.54' KB)	10-3/4" scraped rods(used)	NPC trucking
2 2 7/8 J-55 tbg (63.16')	6-1 1/2" weight rods (used)	CDI rod pump
2 7/8 NC (.45')	2 1/2" X1-1/2" X12'X14.5'CDI	rods ("B" grade )
EOT 5665.25' W/ 12' KB	RHAC pump (new)	NPC tnks(7x8day)
		NPC frac head
		RNI wtr disposal
		NPC Supervisor

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

**Completion Supervisor:** Ron Shuck

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

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4358'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 192' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 373'

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

## ASHLEY 14-26-9-15

Spud Date: 07/22/06  
 Put on Production: 10/20/06  
 GL: 6551' KB: 6536'

Initial Production: BOPD,  
 MCFD, BWPD

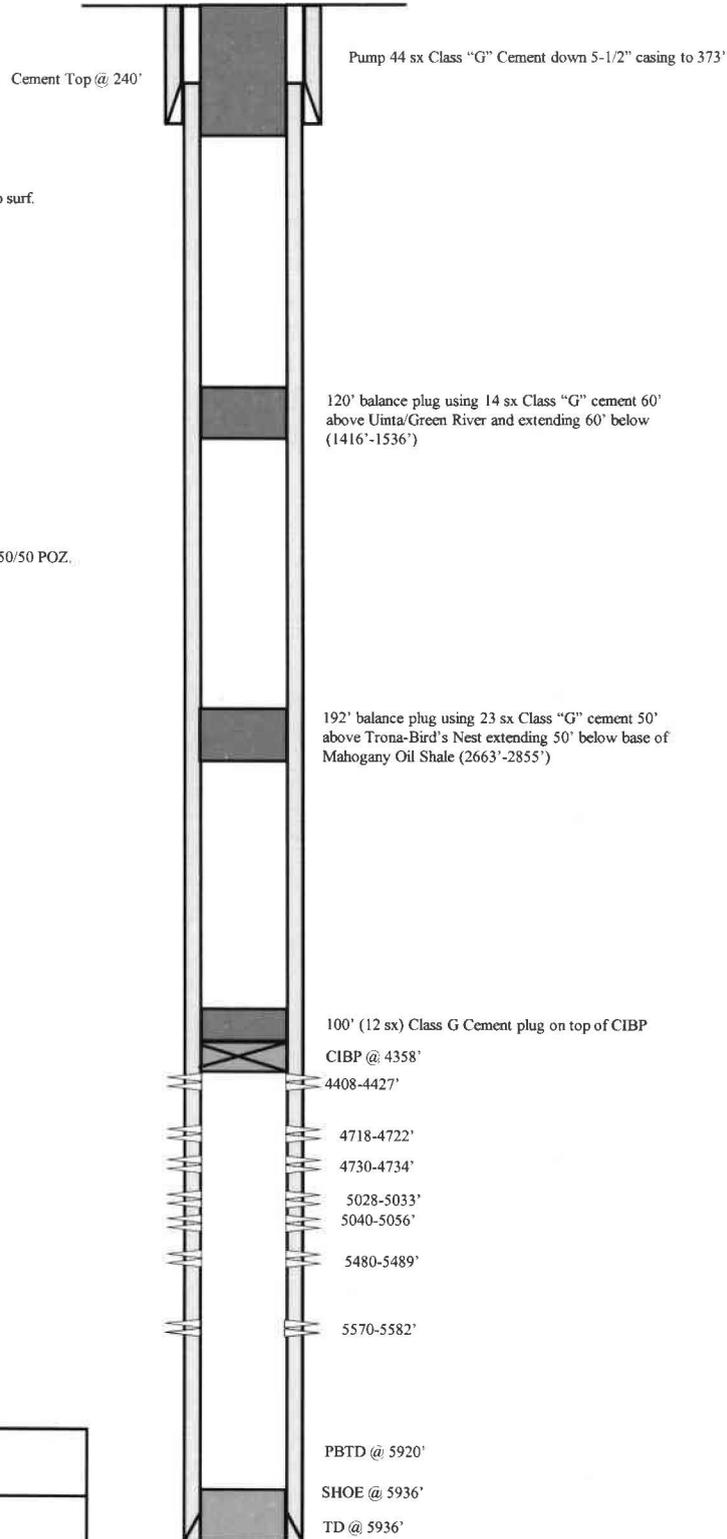
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.95')  
 DEPTH LANDED: 322.80' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5934.53')  
 DEPTH LANDED: 5935.78' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 240'



 <b>NEWFIELD</b>
<b>ASHLEY 14-26-9-15</b> 468" FSL & 1836' FWL SE/SW Section 26-T9S-R15E Duchesne Co, Utah API #43-013-32907; Lease # UTU-66185

**NEWFIELD**

**Schematic**

43-013-32907

**Well Name: Ashley 14-26-9-15**

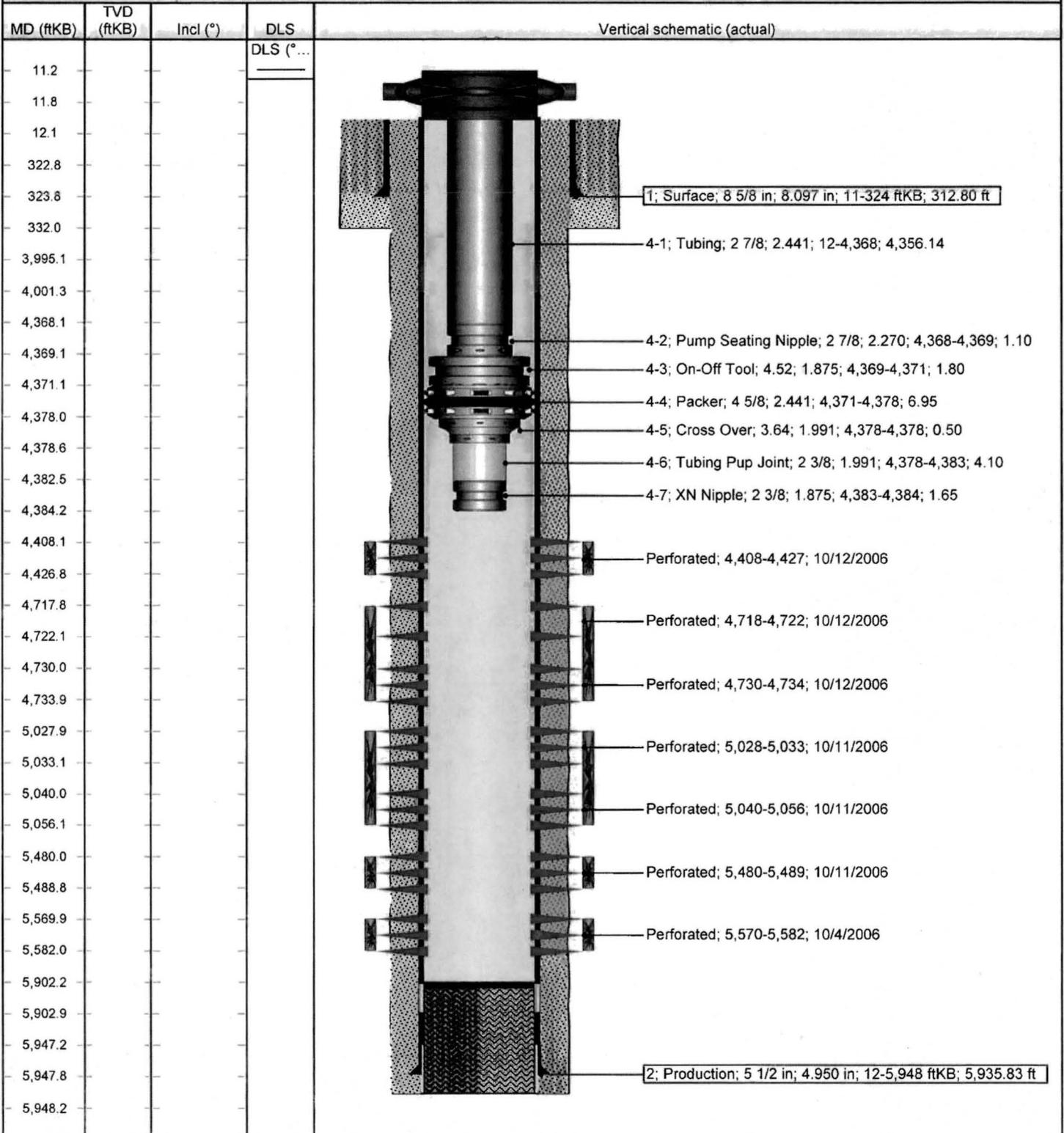
Surface Legal Location 26-9S-15E		API/UWI 43013329070000	Well RC 500159124	Lease	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 7/22/2006	Rig Release Date 9/13/2006	On Production Date 10/20/2006	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,902.3	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 4/11/2014	Job End Date 4/15/2014
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**TD: 5,948.0**

Vertical - Original Hole, 12/7/2015 9:00:34 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Ashley 14-26-9-15

Surface Legal Location 26-9S-15E		API/UWI 43013329070000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 7/22/2006		Spud Date 7/22/2006		Final Rig Release Date 9/13/2006	
Original KB Elevation (ft)		Ground Elevation (ft)		Total Depth (ftKB) 5,948.0	
				Total Depth All (TVD) (ftKB)	
				PBT (All) (ftKB) Original Hole - 5,902.3	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	WT/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/21/2006	8 5/8	8.097	24.00	J-55	324
Production	9/12/2006	5 1/2	4.950	15.50	J-55	5,948

### Cement

#### String: Surface, 324ftKB 7/26/2006

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 332.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 5,948ftKB 9/13/2006

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 5,948.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ 10% gel + 3% KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 12.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 450	Class 50:50	Estimated Top (ftKB) 12.0

### Tubing Strings

Tubing Description Tubing		Run Date 4/15/2014			Set Depth (ftKB) 4,384.2			
Item Des	Jts	OD (in)	ID (in)	WT (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	138	2 7/8	2.441	6.50	J-55	4,356.14	12.0	4,368.1
Pump Seating Nipple		2 7/8	2.270			1.10	4,368.1	4,369.2
On-Off Tool		4.515	1.875			1.80	4,369.2	4,371.0
Packer		4 5/8	2.441			6.95	4,371.0	4,378.0
Cross Over		3.635	1.991			0.50	4,378.0	4,378.5
Tubing Pup Joint		2 3/8	1.991	6.50	J-55	4.10	4,378.5	4,382.6
XN Nipple		2 3/8	1.875			1.65	4,382.6	4,384.2

### Rod Strings

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

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	DS2, Original Hole	4,408	4,427	4	90		10/12/2006
4	B1, Original Hole	4,718	4,722	4	90		10/12/2006
4	B1, Original Hole	4,730	4,734	4	90		10/12/2006
3	LODC, Original Hole	5,028	5,033	4	90		10/11/2006
3	LODC, Original Hole	5,040	5,056	4	90		10/11/2006
2	CP2, Original Hole	5,480	5,489	4	90		10/11/2006
1	CP3, Original Hole	5,570	5,582	4	129		10/4/2006

### 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	2,600	0.9	25.2	2,923			
2	2,250	0.84	25.0	2,790			
3	2,350	0.9	25.3	2,320			
4	1,920	0.84	25.3	2,260			
5	1,860	0.86	25.3	2,070			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 38582 lbs
2		Proppant White Sand 34625 lbs
3		Proppant White Sand 80508 lbs
4		Proppant White Sand 373 lbs
5		Proppant White Sand 502 lbs