

NEWFIELD



June 9, 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 13-23-9-15, 14-23-9-15, 8-24-9-15, 9-24-9-15, 13-24-9-15, and 14-24-9-15. ✓

Dear Diana:

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

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

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JUN 13 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-02458
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. Ashley
8. Lease Name and Well No. Ashley Federal 8-24-9-15
9. API Well No. 43013-32818
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 24, T9S R15E
12. County or Parish Duchesne
13. State UT

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/NE 2130' FNL 584' FEL 570619X 40.617892 At proposed prod. zone 4429861Y 110.172504		
14. Distance in miles and direction from nearest town or post office* Approximatley 18.9 miles southwest of Myton, Utah		17. Spacing Unit dedicated to this well 40 Acres
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 584' f/lse, 584' f/unit	16. No. of Acres in lease 640.00	20. BLM/BIA Bond No. on file UT0056
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1312'	19. Proposed Depth 5920'	23. Estimated duration Approximately seven (7) days from spud to rig release.
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6201' GL	22. Approximate date work will start* 4th Quarter 2005	

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 6/9/05
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 06-16-05
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)

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JUN 13 2005

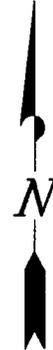
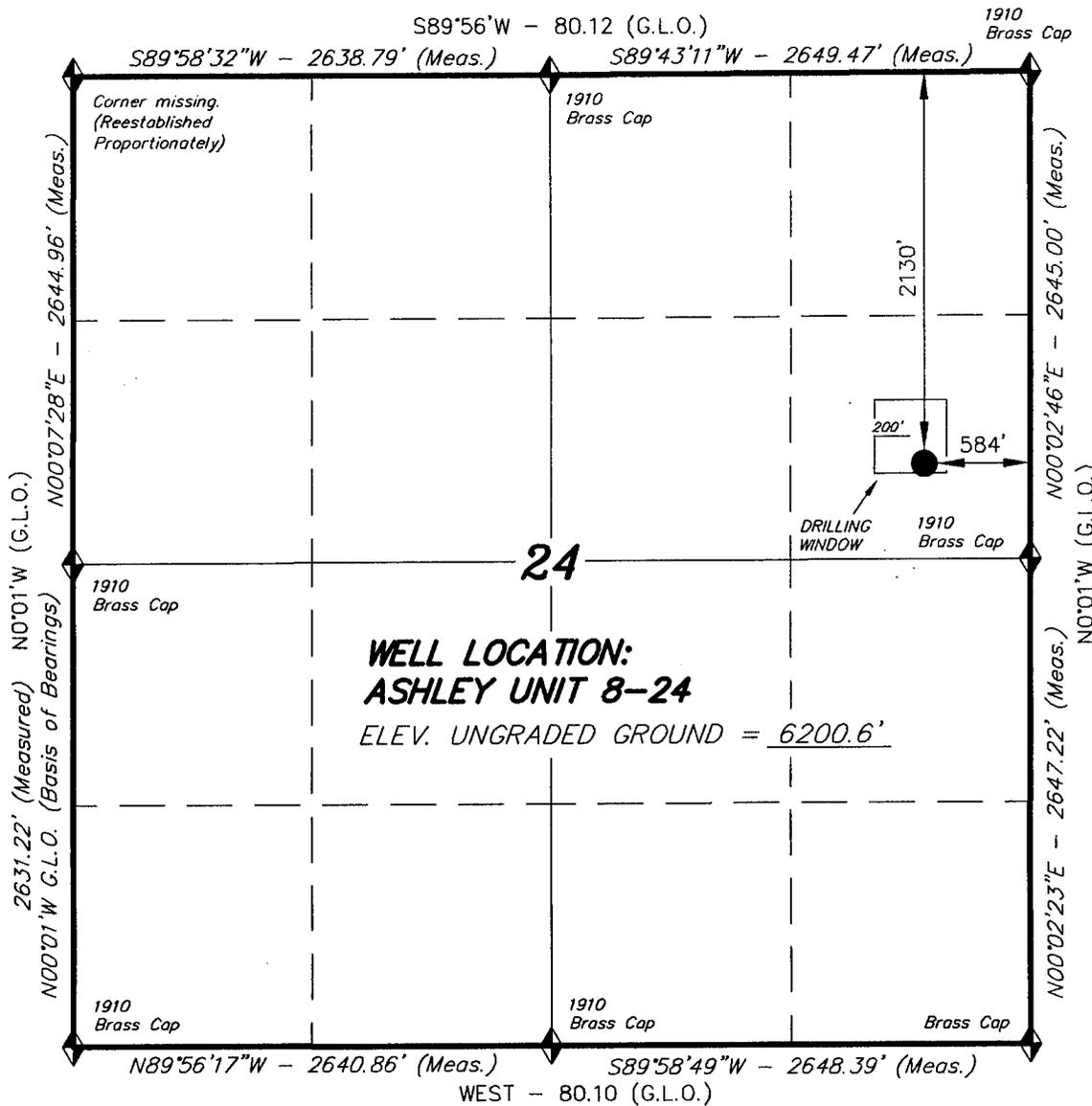
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

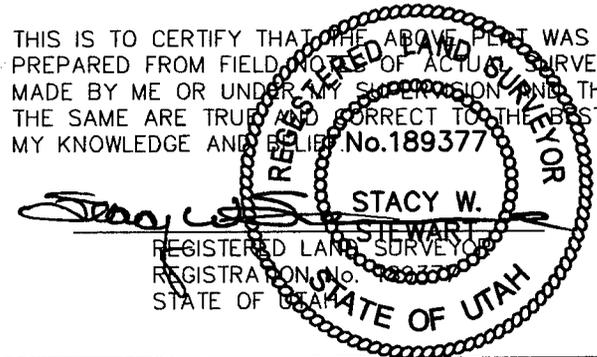
T9S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 8-24,
LOCATED AS SHOWN IN THE SE 1/4 NE
1/4 OF SECTION 24, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 5-10-05	DRAWN BY: F.T.M.
NOTES:	FILE #

**NEWFIELD PRODUCTION COMPANY
ASHLEY FEDERAL #8-24-9-15
SE/NE SECTION 24, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2520'
Green River	2520'
Wasatch	5920'

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

Green River Formation 2520' - 5920' - 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 #8-24-9-15
SE/NE SECTION 24, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #8-24-9-15 located in the SE 1/4 NE 1/4 Section 24, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 13.2 miles \pm to it's junction with an existing road to the east; proceed northeasterly - 2.3 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road 140' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

For the Ashley Federal #8-24-9-15 Newfield Production Company requests 140' of disturbed area be granted in Lease UTU-02458 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. A 36" culvert will be 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 140' of disturbed area be granted in Lease UTU-02458 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

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner will be optional for the proposed 8-24-9-15. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Shadscale

Atriplex Confertifolia

6 lbs/acre

Bearded Bluebunch Wheatgrass	<i>Agropyron Spicatum</i>	4 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal #8-24-9-15 was on-sited on 4/13/05. The following were present; Shon Mckinnon (Newfeild Production), Brad Mecham (Newfield Production), Byron Tolman (Bureau of Land Management), and Amy Torez (Bureau of Land Management). Weather conditions were clear.

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

Representative

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

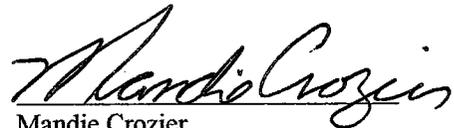
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-24-9-15 SE/NE Section 24, Township 9S, Range 15E: Lease UTU-02458 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

6/9/05

Date

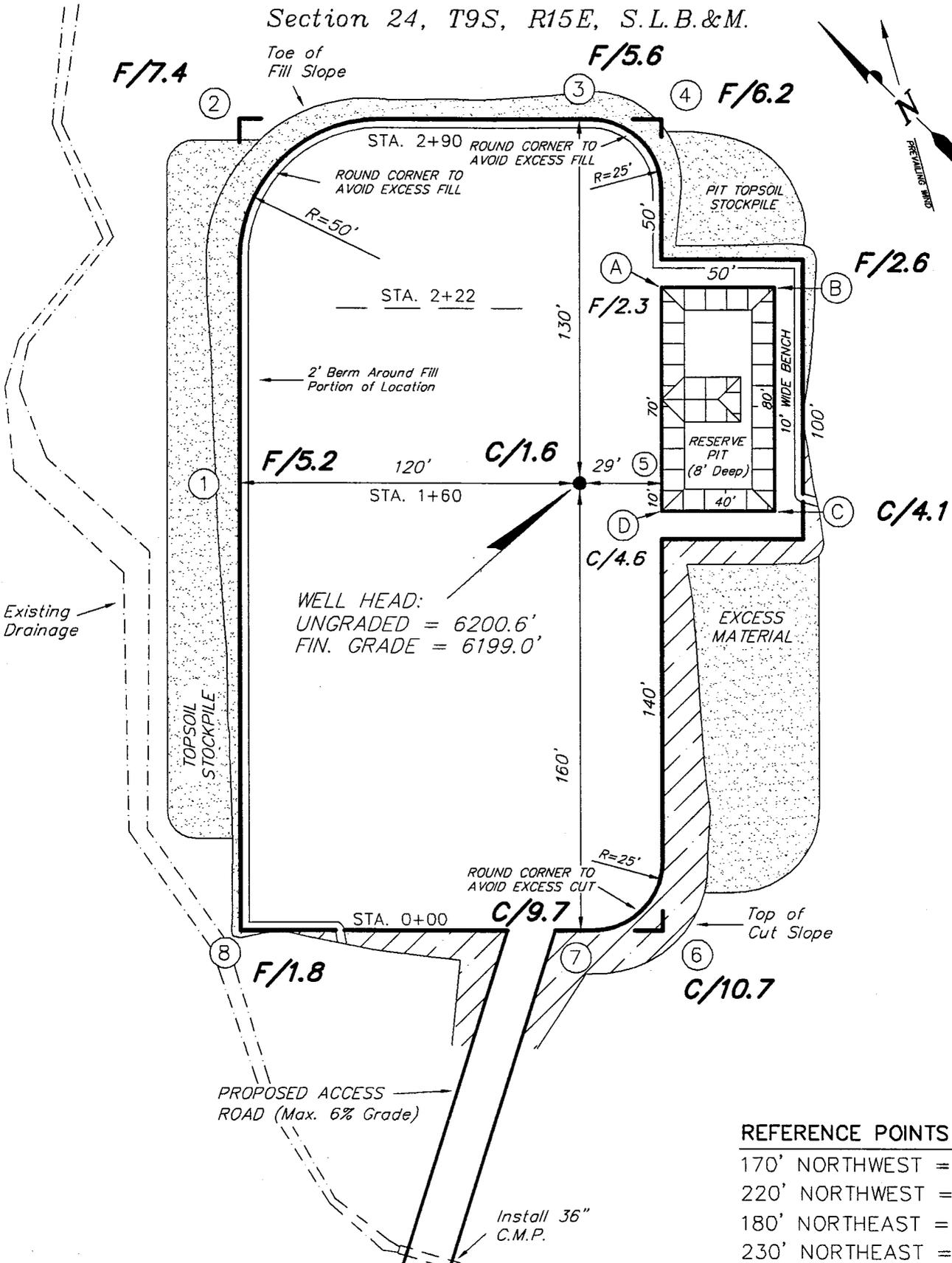
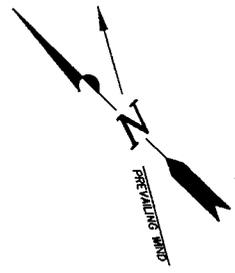


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT 8-24

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



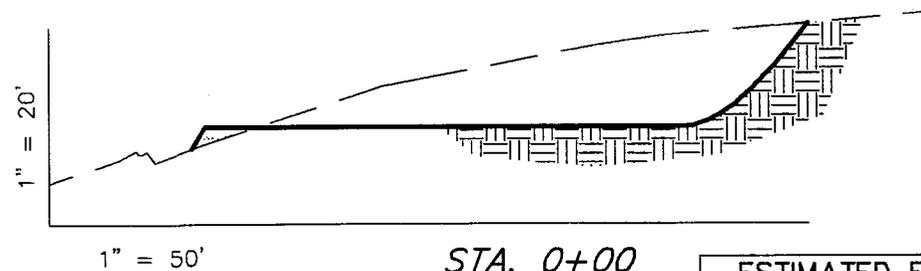
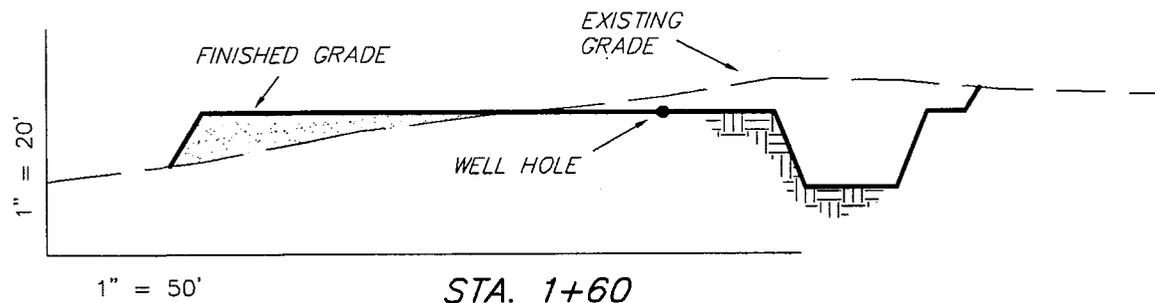
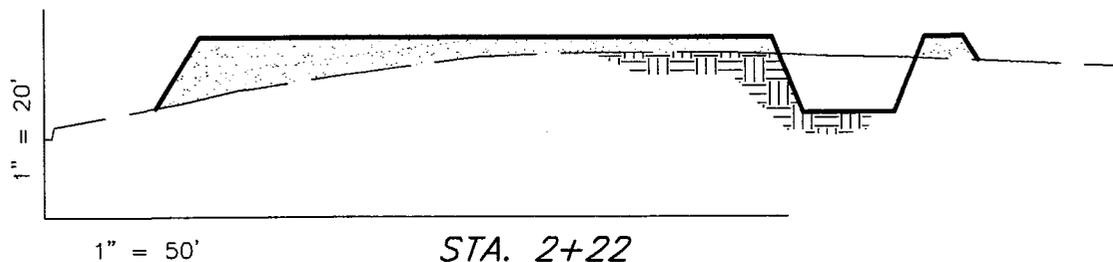
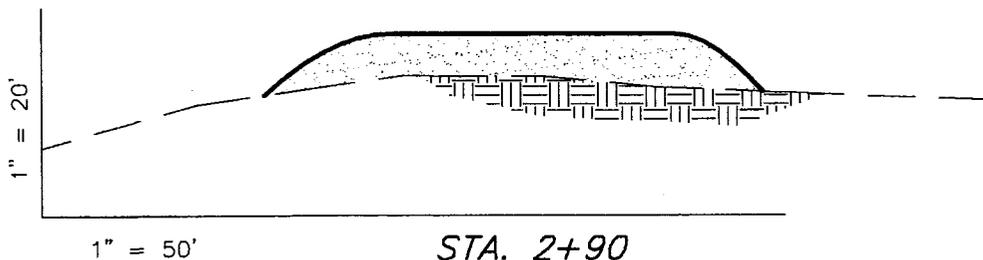
WELL HEAD:
 UNGRADED = 6200.6'
 FIN. GRADE = 6199.0'

REFERENCE POINTS	
170' NORTHWEST	= 6191.2'
220' NORTHWEST	= 6191.6'
180' NORTHEAST	= 6188.8'
230' NORTHEAST	= 6184.7'

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 5-10-05

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

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
ASHLEY UNIT 8-24



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

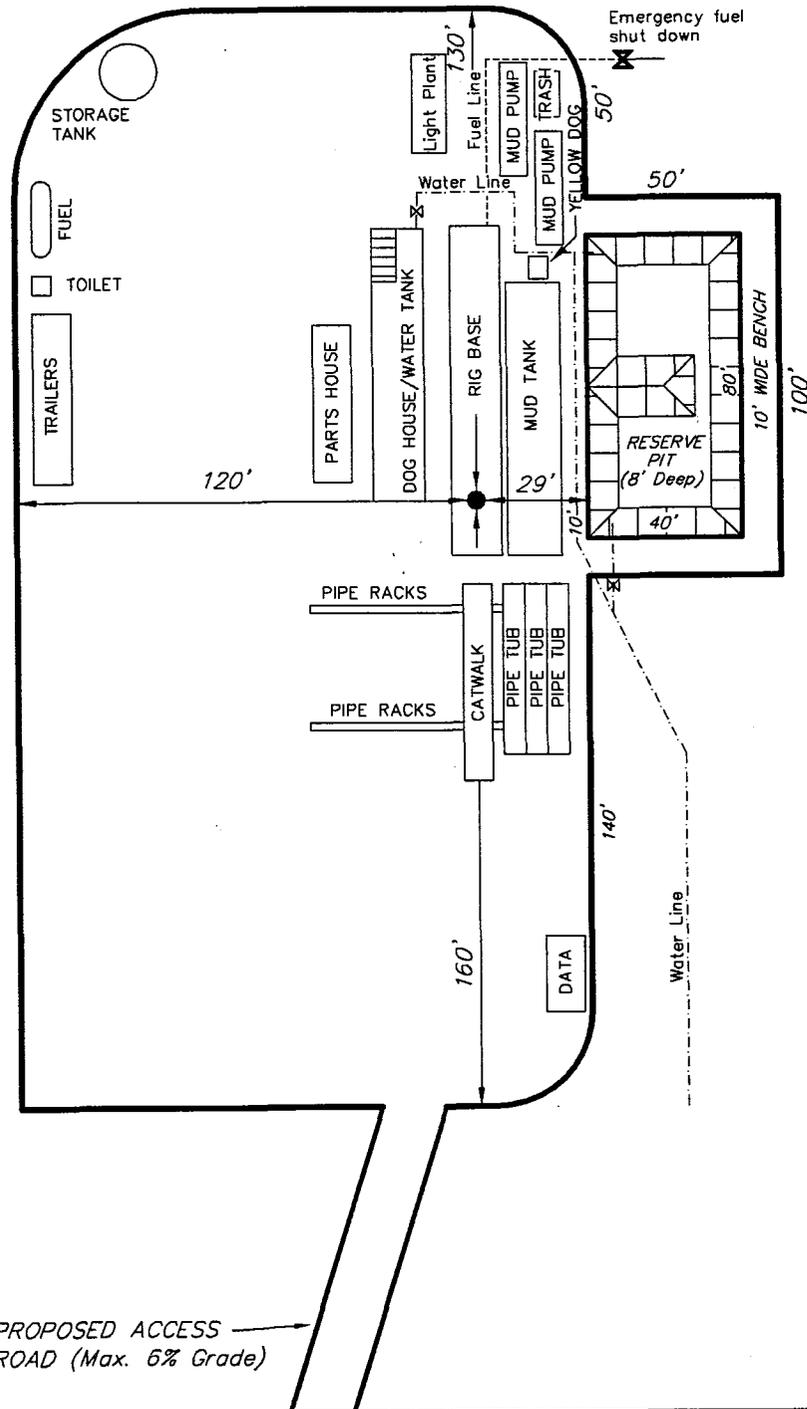
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,350	3,350	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,990	3,350	1,025	640

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

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 5-10-05

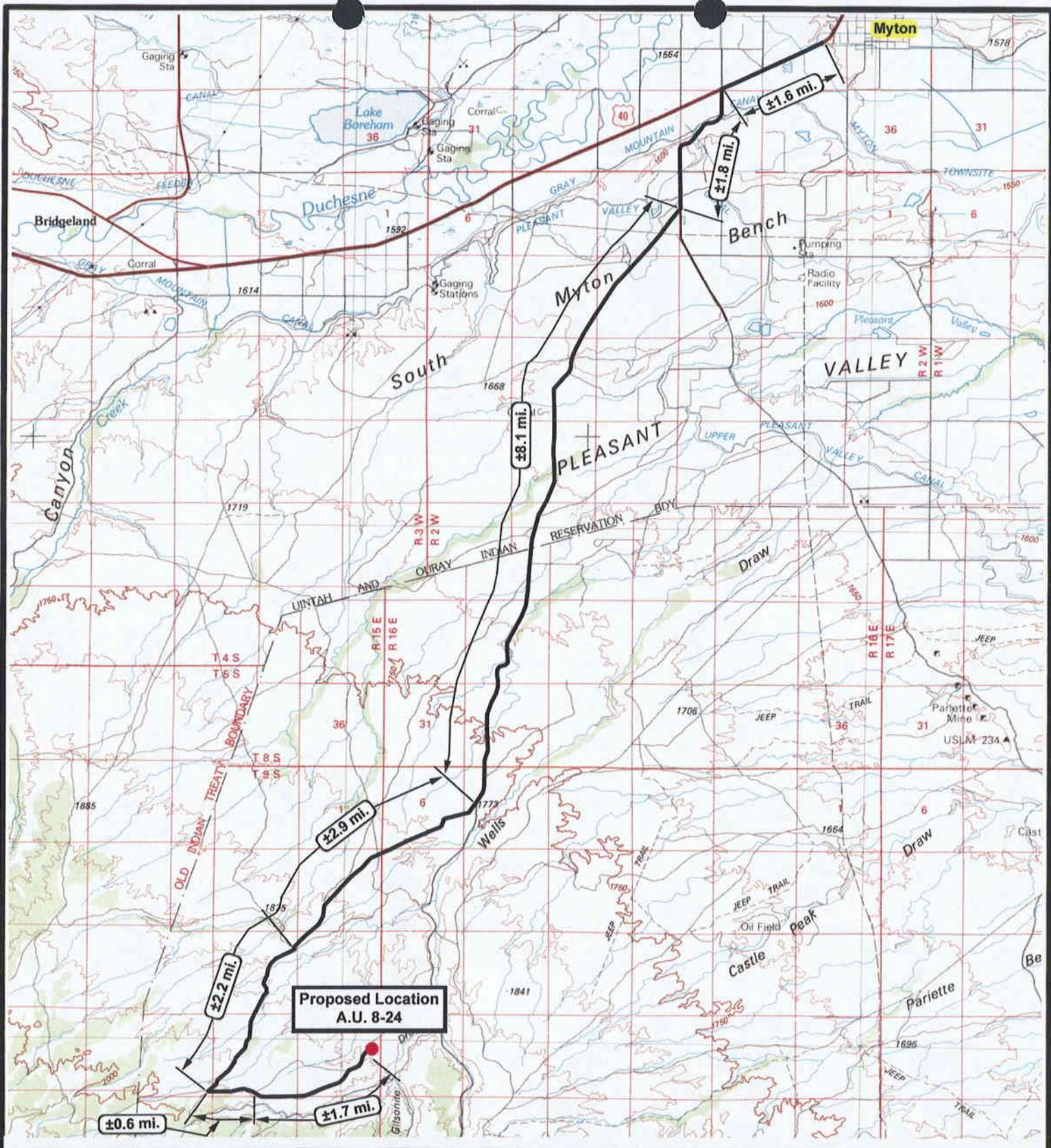
Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
ASHLEY UNIT 8-24



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 5-10-05	



NEWFIELD
Exploration Company

Ashley Unit 8-24-9-15
SEC. 24, T9S, R15E, S.L.B.&M.



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

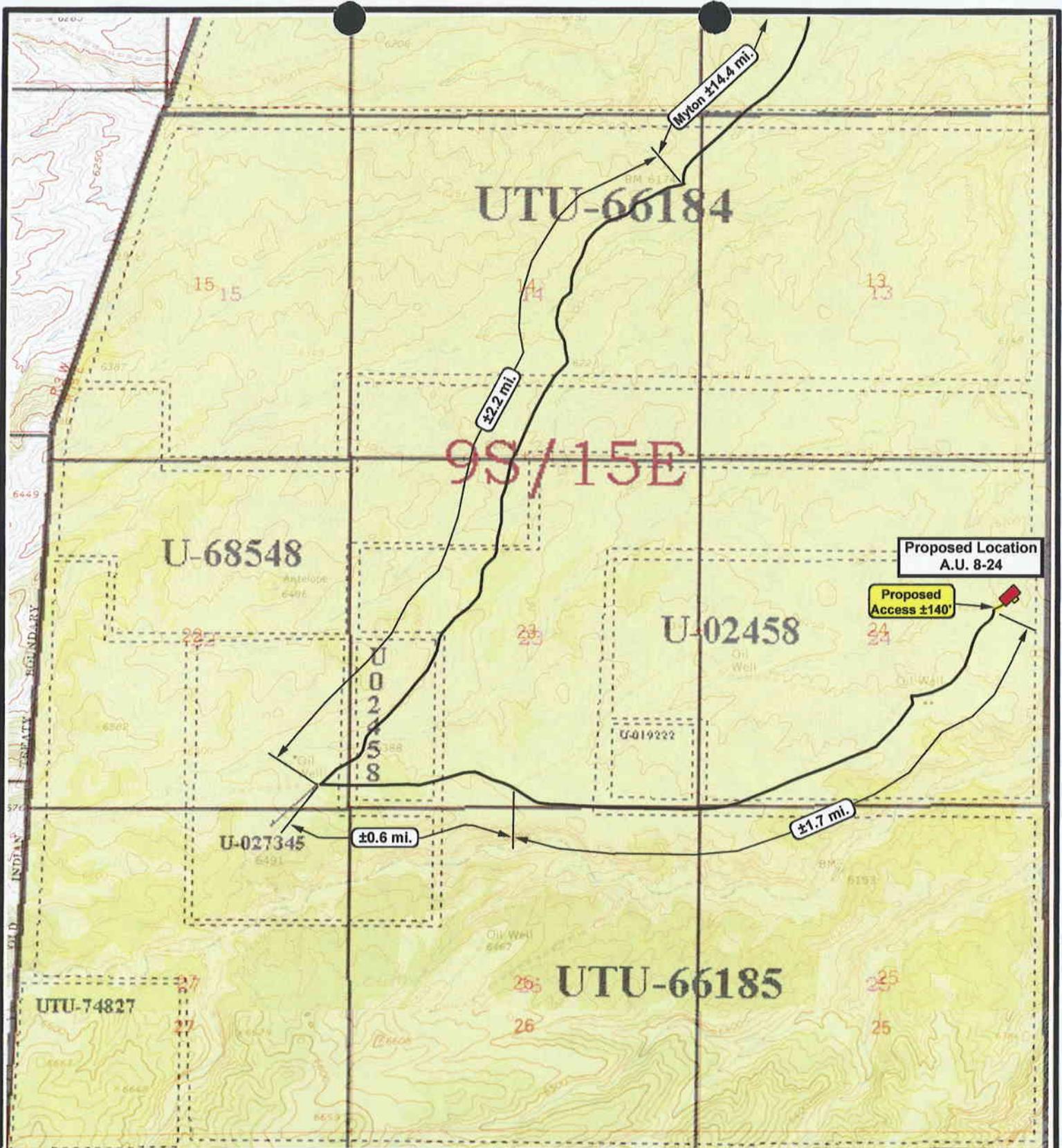
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-10-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Ashley Unit 8-24-9-15
SEC. 24, T9S, R15E, S.L.B.&M.



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

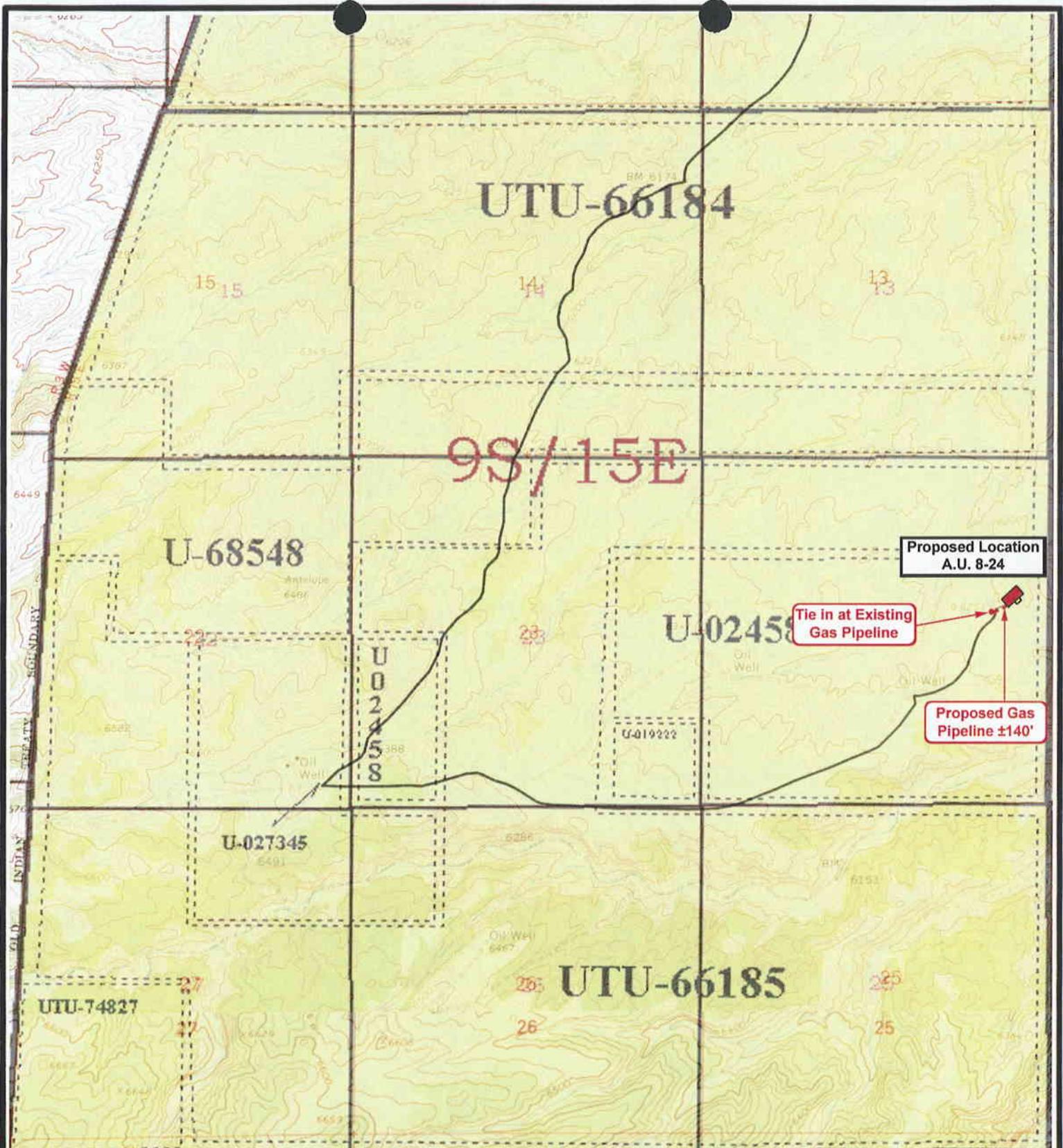
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-10-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



Proposed Location
A.U. 8-24

Tie in at Existing
Gas Pipeline

Proposed Gas
Pipeline ±140'



NEWFIELD
Exploration Company

Ashley Unit 8-24-9-15
SEC. 24, T9S, R15E, S.L.B.&M.



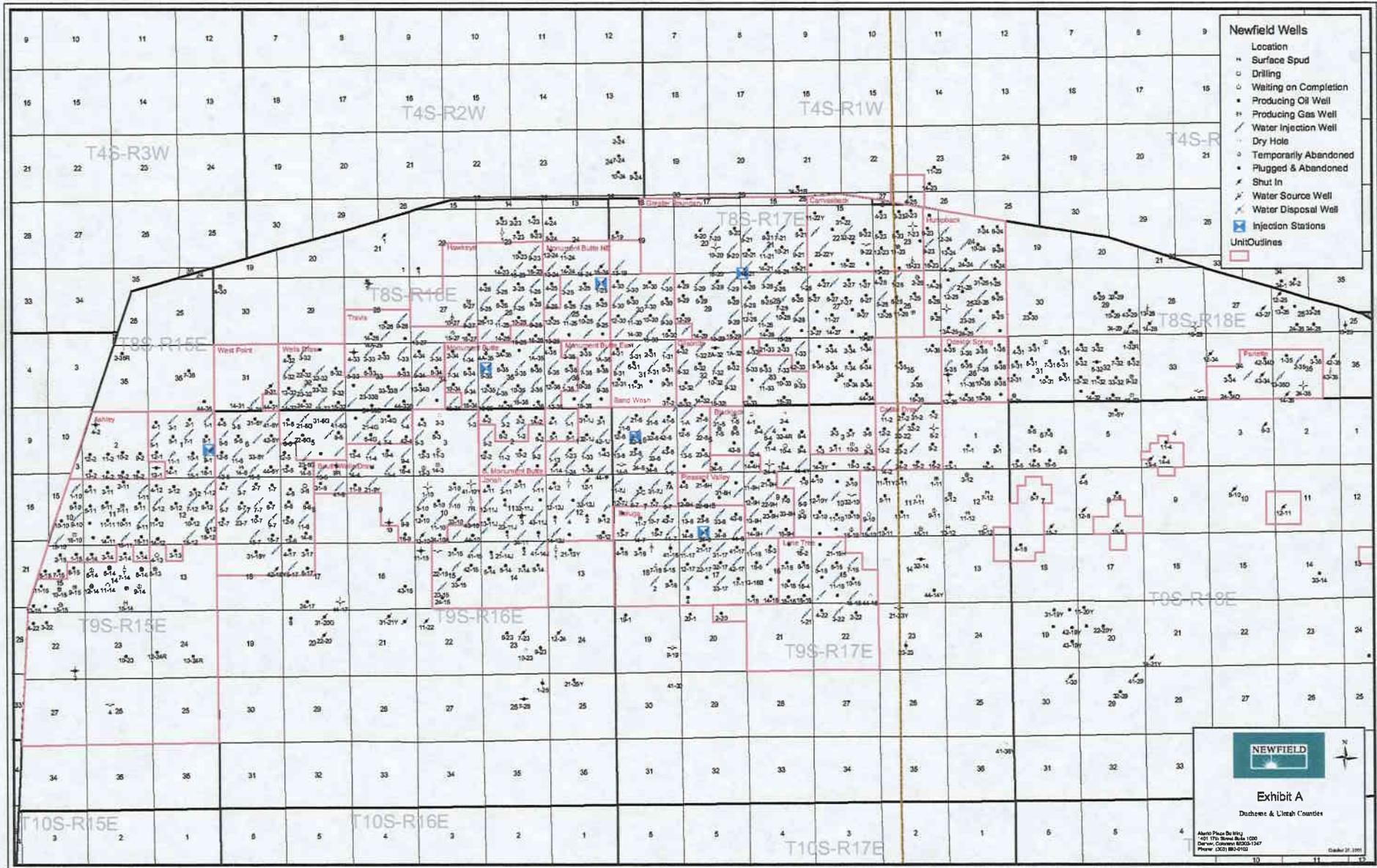

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-10-2005

Legend

-  Roads
-  Proposed Gas Line

TOPOGRAPHIC MAP
"C"



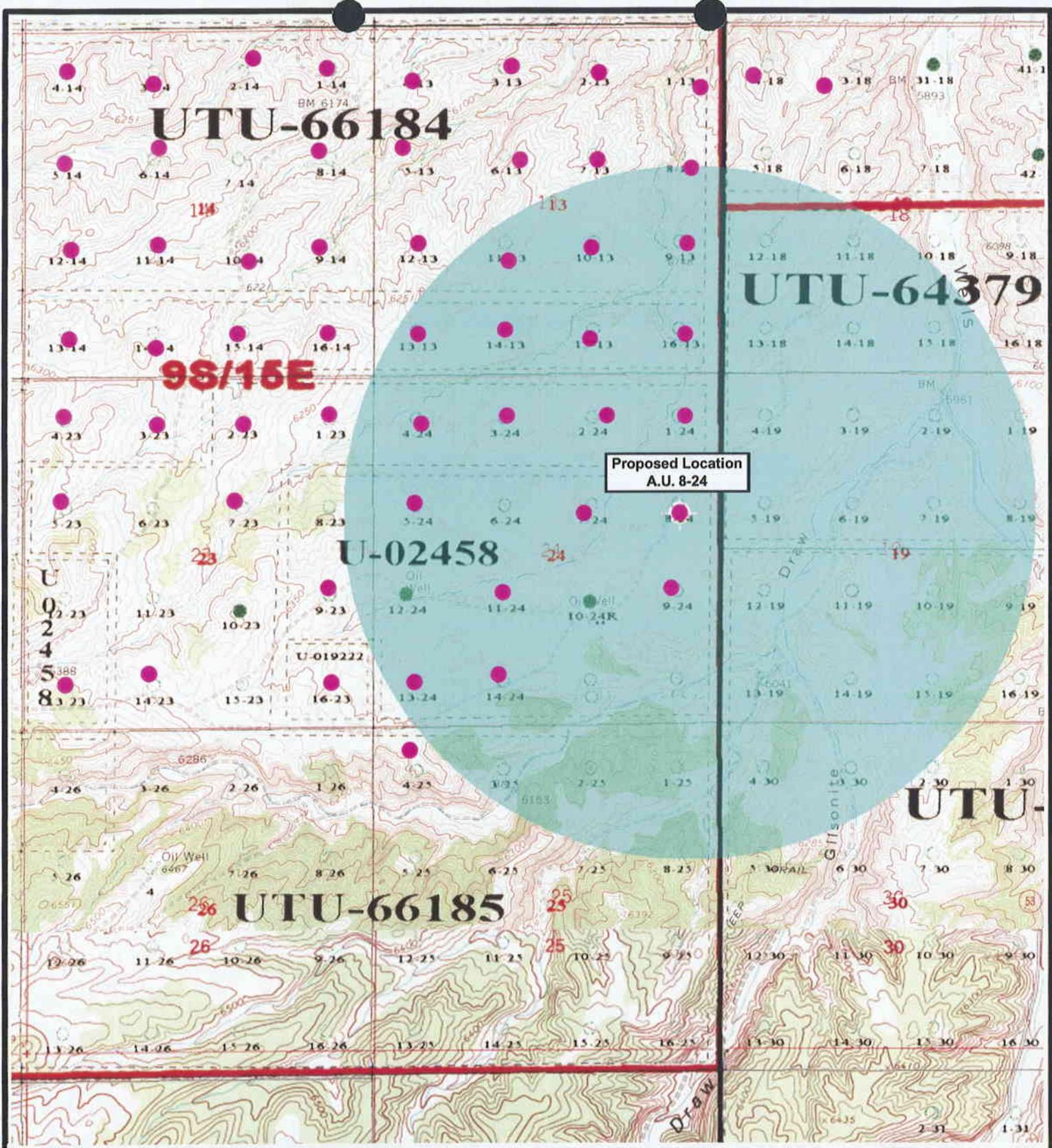
- Newfield Wells**
- Location**
- Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
- Unit Outlines**
-



Exhibit A
DuRose & Ureah Counties

Albert Price Drilling
1011 17th Street, Suite 100
Denver, Colorado 80202-7447
Phone: (303) 866-0102

October 17, 2002



Proposed Location
A.U. 8-24

 **NEWFIELD**
Exploration Company

Ashley Unit 8-24-9-15
SEC. 24, T9S, R15E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-10-2005

Legend

- Proposed Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

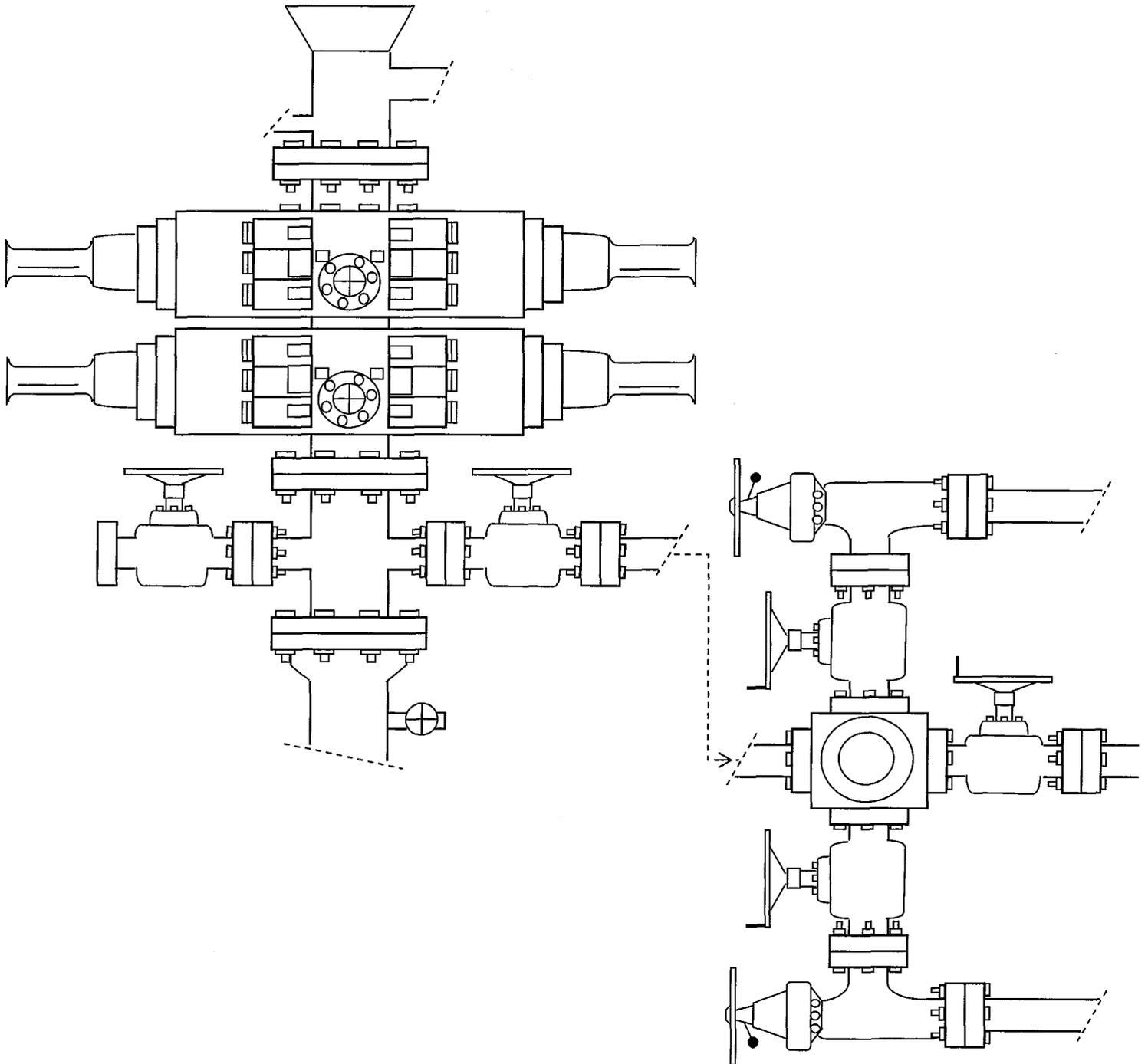


EXHIBIT C

Exhibit "D"
Page 1 of 4

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

By:

Christopher M Nicholson
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
Vernal, Utah

Prepared Under Contract With:

Inland Resources
Route 3, Box 3630
Myton, UT 84052

Prepared By:

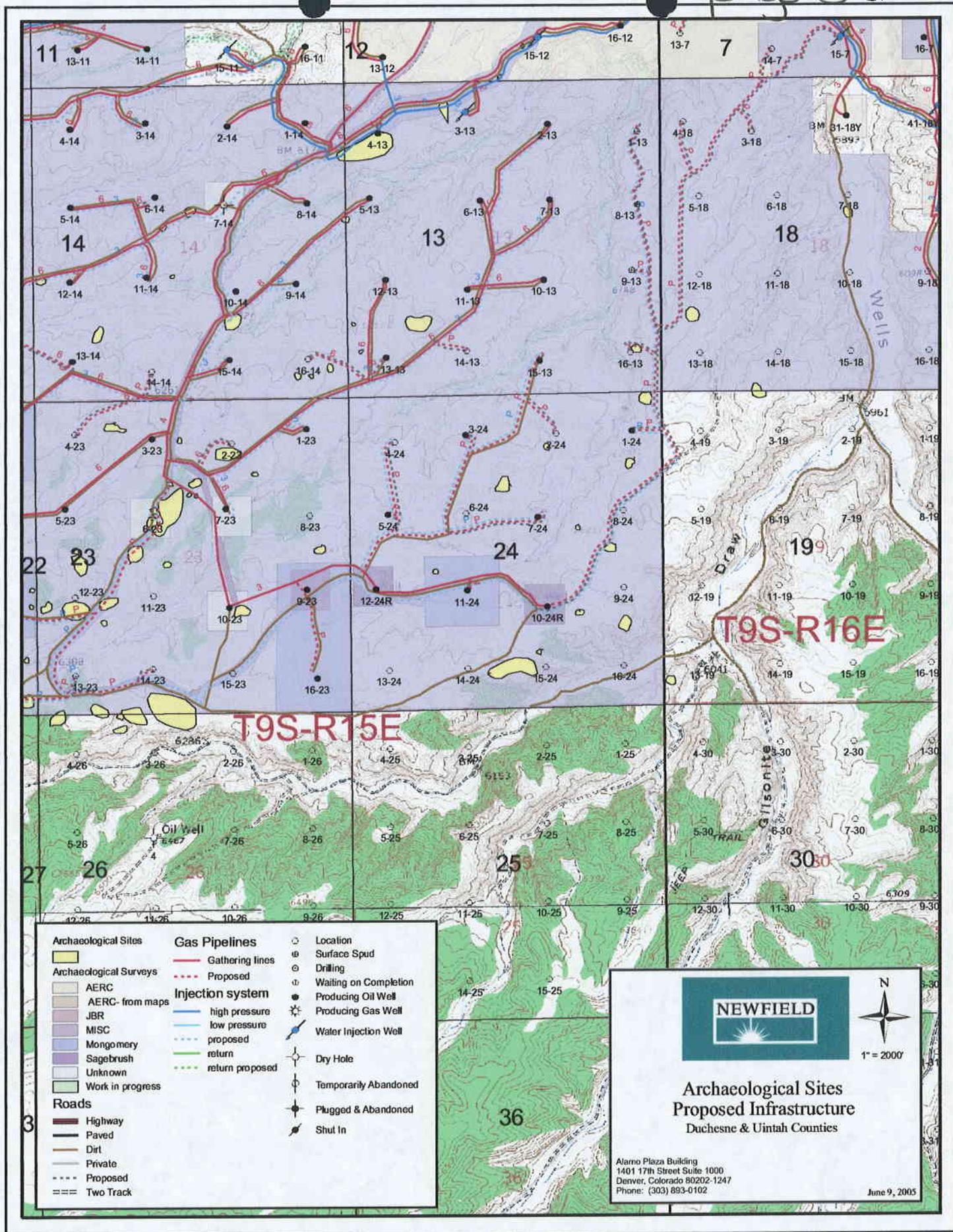
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 03-59

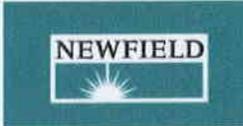
September 15, 2003

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

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



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



NEWFIELD

Archaeological Sites
Proposed Infrastructure
Duchesne & Uintah Counties

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

June 9, 2005

INLAND RESOURCES, INC.

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

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

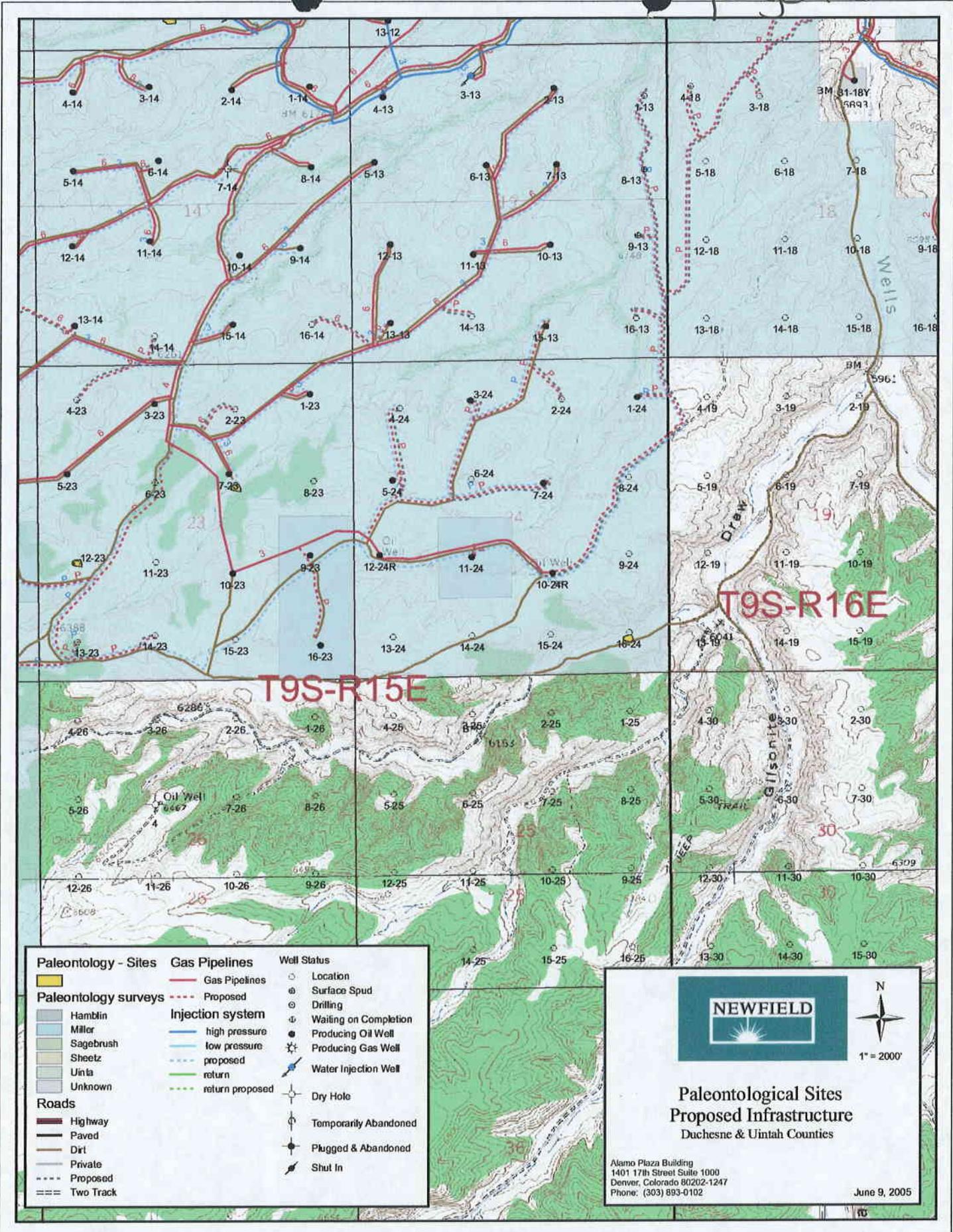
REPORT OF SURVEY

Prepared for:

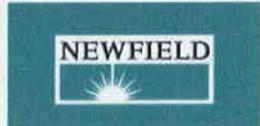
Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 7, 2003



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



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

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

June 9, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/13/2005

API NO. ASSIGNED: 43-013-32818

WELL NAME: ASHLEY FED 8-24-9-15
OPERATOR: NEWFIELD PRODUCTION (N2695)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 24 090S 150E
SURFACE: 2130 FNL 0584 FEL
BOTTOM: 2130 FNL 0584 FEL
DUCHESNE
MONUMENT BUTTE (105)

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

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

LATITUDE: 40.01789
LONGITUDE: -110.1725

RECEIVED AND/OR REVIEWED:

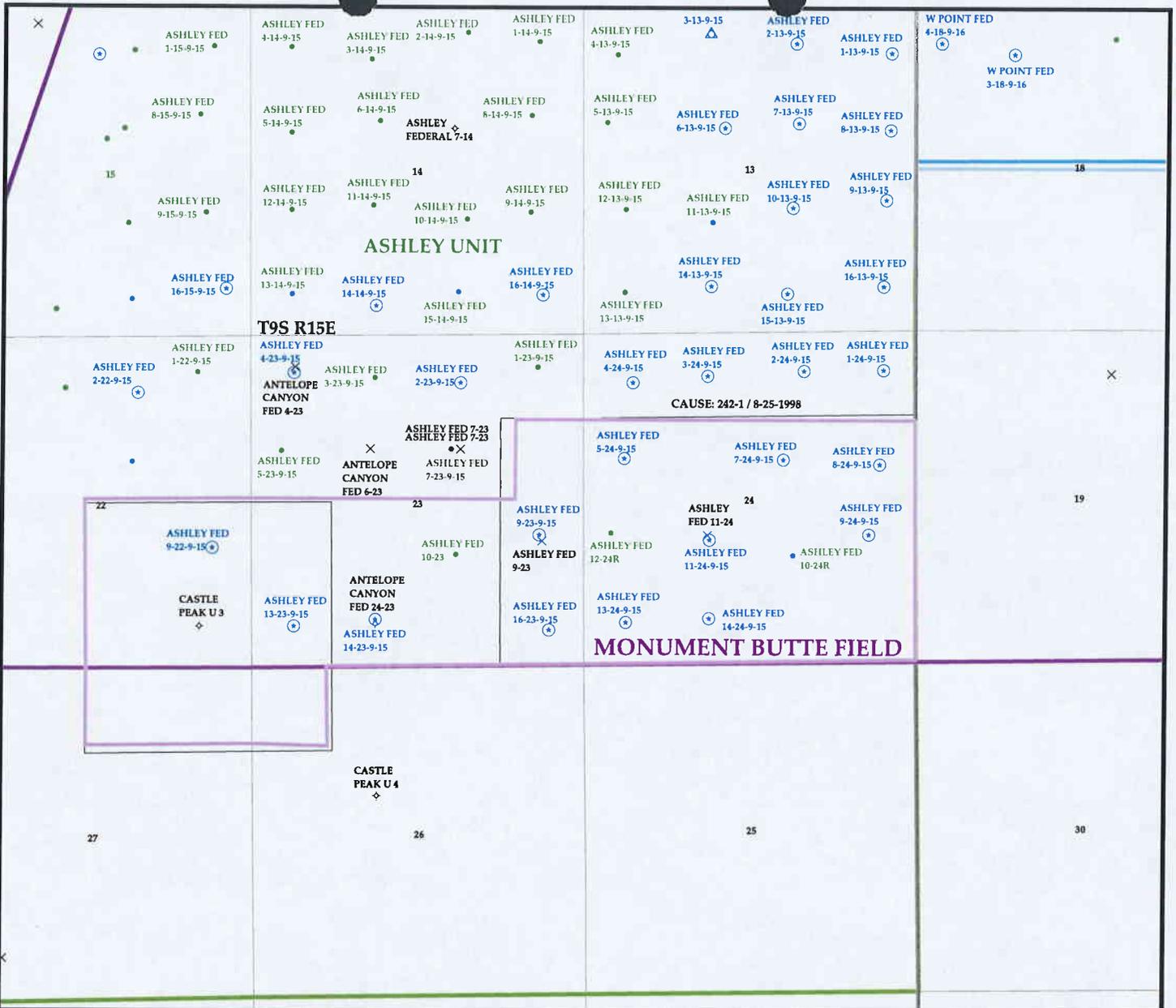
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approved



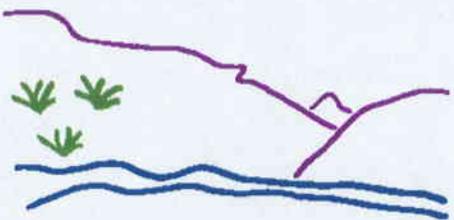
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 23 & 24 T. 9S R. 15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining



Wells	Units.shp	Fields.shp
GAS INJECTION	EXPLORATORY	ABANDONED
GAS STORAGE	GAS STORAGE	ACTIVE
LOCATION ABANDONED	NF PP OIL	COMBINED
NEW LOCATION	NF SECONDARY	INACTIVE
PLUGGED & ABANDONED	PENDING	PROPOSED
PRODUCING GAS	PI OIL	STORAGE
PRODUCING OIL	PP GAS	TERMINATED
SHUT-IN GAS	PP GEOTHERML	
SHUT-IN OIL	PP OIL	
TEMP. ABANDONED	SECONDARY	
TEST WELL	TERMINATED	
WATER INJECTION		
WATER SUPPLY		
WATER DISPOSAL		

PREPARED BY: DIANA WHITNEY
DATE: 14-JUNE-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)

June 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)		
43-013-32816	Ashley Fed	13-23-9-15 Sec 23 T09S R15E 0660 FSL 0660 FWL
43-013-32817	Ashley Fed	14-23-9-15 Sec 23 T09S R15E 0751 FSL 1957 FWL
43-013-32818	Ashley Fed	8-24-9-15 Sec 24 T09S R15E 2130 FNL 0584 FEL
43-013-32819	Ashley Fed	9-24-9-15 Sec 24 T09S R15E 2009 FSL 0755 FEL
43-013-32820	Ashley Fed	13-24-9-15 Sec 24 T09S R15E 0660 FSL 0660 FWL
43-013-32821	Ashley Fed	14-24-9-15 Sec 24 T09S R15E 0706 FSL 1978 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-15-05

**State of Utah****Department of
Natural Resources**MICHAEL R. STYLER
*Executive Director***Division of
Oil, Gas & Mining**JOHN R. BAZA
*Division Director*JON M. HUNTSMAN, JR.
*Governor*GARY R. HERBERT
Lieutenant Governor

June 16, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052Re: Ashley Federal 8-24-9-15 Well, 2130' FNL, 584' FEL, SE NE, Sec. 24,
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32818.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Acting Associate Directorpab
Enclosurescc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company

Well Name & Number Ashley Federal 8-24-9-15

API Number: 43-013-32818

Lease: UTU-02458

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

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

JUN 1 2005

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-02458
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Ashley Federal 8-24-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 2130' FNL 584' FEL At proposed prod. zone		9. API Well No. 43-013-32818
14. Distance in miles and direction from nearest town or post office* Approximatley 18.9 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 584' f/ise, 584' f/unit	16. No. of Acres in lease 640.00	11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 24, T9S R15E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1312'	19. Proposed Depth 5920'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6201' GL	22. Approximate date work will start* 4th Quarter 2005	13. State UT
17. Spacing Unit dedicated to this well 40 Acres		
20. BLM/BIA Bond No. on file UT0056		
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 6/19/05
Title Regulatory Specialist		
Approver (Signature) <i>Thomas J. Leavins</i>	Name (Printed/Typed)	Date 05/22/2006
Title Assistant Field Manager Mineral Resources	Office	

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

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

*(Instructions on reverse)

RECEIVED

JUN 01 2006

DIV. OF OIL & GAS OPERATIONS

4006M



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 Co. Location: SENE, Sec. 24, T9S, R15E
Well No: Ashley Federal 8-24-9-15 Lease No: UTU-02458
API No: 43-013-32818 Agreement: Ashley Unit

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

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. 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 (Notify Nate West) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Nate West) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

A. DRILLING AND CONSTRUCTION

- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.
- Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.
- The reserve pit shall be double lined with felt and a 12 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud shall remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be “squeezed,” (filled with soil while still containing fluids) or “cut” (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.

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

- The access road shall be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the

- operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

B. INTERIM RECLAMATION

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

Crested wheatgrass	<i>Agropyron cristatum</i>	4 lbs/acre
	Per Live Seed Total	4 lbs/acre
- Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit 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.

C. COMPLETION AND PRODUCTION

- All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.
- Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.
- The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.
- Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic

plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

- No production pits shall be allowed on the location.
- Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.
- All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (**see attached well stipulations for color specific to each well**). All facilities shall be painted within twelve (12) months of installation.
- The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.
- Equipment not being used for production shall not be stored on the well location.
- All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

D. 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

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:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

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

on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellologs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the

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

11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal

method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 8-24-9-15

Api No: 43-013-32818 Lease Type: FEDERAL

Section 24 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 07/05/06

Time 1:30 PM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 07/06/2006 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

PAGE 02

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	15497	32821 43-013-32820	Ashley Federal 14-24-9-15	SE/SW	24	9S	15E	DUCHESNE	07/11/06	7/13/06

WELL 1 COMMENTS: GRU

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	15498	32818 43-013-	Ashley Federal 8-24-9-15	SE/NE	24	9S	15E	DUCHENE	07/05/06	7/13/06

WELL 2 COMMENTS: GRU

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	15499	43-047-35785	State 9-2-9-18	NW/NE	2	9S	18E	UNTAH	07/11/06	7/13/06

WELL 3 COMMENTS: GRU

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	15500	43-013-32819	Ashley Federal 9-24-9-15	NE/SE	24	9S	18E	DUCHESNE	07/07/06	7/13/06

WELL 4 COMMENTS: GRU

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	15501	43-013-32820	Ashley Federal 13-24-9-15	SW/SW	24	9S	15E	DUCHESNE	07/09/06	7/13/06

WELL 5 COMMENTS: GRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12704	43-013-20081	Government 4-1R-9-17	NW/NW	4	9S	17E	DUCHESNE	07/11/06	7/13/06

WELL 6 COMMENTS: GRU

- 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 12 2006

Lana Nebeker
Signature

LANA NEBEKER

Production Clerk
Title

July 12, 2006
Date

DIV. OF OIL, GAS & MINING

INLAND

4356463031

15:21

07/12/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2130 FNL 584 FEL
 SENE Section 24 T9S R15E

5. Lease Serial No.
 UTL- 02458

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
 4301332818

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/Typed) Mandi Crozier	Title Regulatory Specialist
Signature <i>Mandi Crozier</i>	Date 09/05/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED

SEP 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-02458

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
ASHLEY (GR RVR)

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

9. API Well No.
43-013-32818

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

2130 FNL 584 FEL SE/NE Section 24, T9S R15E

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/16/05 (expiration 6/16/06).

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 06-05-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-6-06
Initials: RM

I hereby certify that the foregoing is true and correct.
Signed Mandie Crozier Title Regulatory Specialist Date 6-1-2006
Mandie Crozier

CC: UALDDOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

RECEIVED

JUN 02 2006

RESET

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

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

API: 43-013-32818
Well Name: Ashley Federal 8-24-9-15
Location: SE/NE Section 24, T9S R15E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 6/16/2005

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

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

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

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

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

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

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

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

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

Mandi Cozis
Signature

6/1/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

JUN 02 2006

REGULATORY & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well
 Oil Well Gas Well Other UNKNOWN

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)
 SENE Section 24 T9S R15E

5. Lease Serial No.
 UTU-02458

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

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

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

9. API Well No.
 4301332818

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	Spud Notice _____
	<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 recompleat 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 recompleat 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 7/5/06 MIRU NDSI spud rig #1. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 321.06'.KB On 7/7/06 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 5 bbls cement to pit.

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

Title
 Drilling Foreman

Date
 07/12/2006

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 14 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 321.06

LAST CASING 8 5/8" set @ 321.06
 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 8-24-9-15
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.43'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	309.21
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			311.06
TOTAL LENGTH OF STRING		311.06	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			321.06
TOTAL		309.21	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		309.21	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	7/5/2006	1:30 PM	GOOD CIRC THRU JOB <u>YES</u>		
CSG. IN HOLE			7/6/2006	4:00 PM	Bbls CMT CIRC TO SURFACE <u>5</u>		
BEGIN CIRC			7/7/2006	3:35 PM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			7/7/2006	3:49 PM			
BEGIN DSPL. CMT			7/7/2006	3:59 PM	BUMPED PLUG TO <u>125</u> PSI		
PLUG DOWN			7/7/2006	4:05 PM			
CEMENT USED		CEMENT COMPANY- B. J.					
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 Troy Zufelt

DATE 7/7/2006

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)
 2130 FNL 584 FEL
 SENE Section 24 T9S R15E

5. Lease Serial No.
UTU 02458

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
 4301332818

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 8/3/06 MIRU Patterson #155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5965'. 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 @ 5931.68' KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned All Spacers bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 10:00 AM 8/9/06.

RECEIVED

AUG 16 2006

DIV. OF OIL, GAS & MINING

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

Signature Don Bastian

Title
 Drilling Foreman

Date
 08/09/2006

Approved by _____ Title _____ Date _____

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

Office _____

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5931.68

Flt clr @ 5909.83'

LAST CASING 8 5/8" SET / 321'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Ashley Federal 8-24-9-15

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson #155

TD DRILLER 5965 Loggers TD 5954'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3899.67' (6.35')					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5897.83
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.6
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5933.68
TOTAL LENGTH OF STRING		5933.68	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		88.9	2	CASING SET DEPTH			5931.68
TOTAL		6007.33	137	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6007.33	137				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>Yes</u> Bbls CMT CIRC TO SURFACE <u>All Spacers</u> RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u> DID BACK PRES. VALVE HOLD ? <u>Yes</u> BUMPED PLUG TO <u>1500</u> PSI			
BEGIN RUN CSG.		11:00 PM	8/8/2006				
CSG. IN HOLE		2:30 AM	8/9/2006				
BEGIN CIRC		3:00 AM	9-Aug				
BEGIN PUMP CMT		4:38 AM	8/9/2006				
BEGIN DSPL. CMT		5:30 AM	8/9/2006				
PLUG DOWN		5:56AM	8/9/2006				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 8/9/06/

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.
LTLU-02458

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
4301332818

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2130 FNL 584 FEL
SENE Section 24 T9S R15E

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

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

Federal Approval Of This
Action Is Necessary

AGREEMENT TO OPERATOR:
Date: 10/5/06
Initials: RM

Date: 9/22/06
By: [Signature]

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

Signature: Mandie Crozier

Title
Regulatory Specialist

Date
09/05/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____
Office _____

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

(Instructions on reverse)

RECEIVED
SEP 08 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:

UTU-00458

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

8. WELL NAME and NUMBER:

ASHLEY 8-24-9-15

9. API NUMBER:

4301332818

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2130 FNL 584 FEL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE, 24, T9S, R15E

STATE: UT

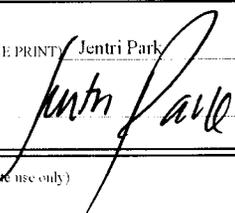
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input 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: 10/17/2006	<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 08/17/06 - 09/02/06

Subject well had completion procedures initiated in the Green River formation on 02-10-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5257'-5272'); Stage #2 (4960'-4972'); Stage #3 (4744'-4750'), (4682'-4687'); Stage #4 (4572'-4586'), (5126'-5134'). 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 08-31-2006. Bridge plugs were drilled out and well was cleaned to 5910'. 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 09-02-2006.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 10/17/2006

(This space for State use only)

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DIV. OF OIL, GAS & MINING

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 8-24-9-15	Garden Gulch Mkr	3582'	
				Garden Gulch 1	3786'	
				Garden Gulch 2	3901'	
				Point 3 Mkr		
				X Mkr	4403'	
				Y-Mkr	4436'	
				Douglas Creek Mkr	4547'	
				BiCarbonate Mkr	4780'	
				B Limestone Mkr	4872'	
				Castle Peak	5438'	
				Basal Carbonate	5884'	
				Total Depth (LOGGERS)	5954'	

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
					OO	SC	TP	RG	COUNTY		
C	15498	12419	43-013-32818	ASHLEY FEDERAL 8-24-9-15	SENE	24	9S	15E	DUCHESNE		11/20/06
WELL 1 COMMENTS: BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV											
C	15480	12419	43-013-32874	ASHLEY FEDERAL 8-24-9-15	SENN	24	9S	15E	DUCHESNE		11/20/06
BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV											
C	12419	15480	43-013-32943	ASHLEY FEDERAL 15-24-9-15	SWSE	24	9S	15E	DUCHESNE		11/20/06
BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV ENTITY CORRECTION											
C	15497	12419	43-013-32821	ASHLEY FEDERAL 14-24-9-15	SE/SW	24	9S	15E	DUCHESNE		11/20/06
BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV											
C	15501	12419	43-013-32820	ASHLEY FEDERAL 13-24-9-15	SW/SW	24	9S	15E	DUCHESNE		11/20/06
WELL 5 COMMENTS: BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV											
C	15482	12419	43-013-32884	ASHLEY FEDERAL 4-25-9-15	NWNW	25	9S	15E	DUCHESNE		11/20/06
WELL 5 COMMENTS: BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of 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.

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Lana Nebeker
Signature
Lana Nebeker
Production Clerk
NOVEMBER 14, 2006
Date



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3180
UT-922

NOV 06 2006

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

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

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

The Initial Consolidated Green River Formation PA "A, B" results in the Initial Participating Area of 6,710.49 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.
13-22	43-013-32822	Lot 4, 22-9S-15E	UTU66185
14-22	43-013-32823	SESW, 22-9S-15E	UTU66185
15-23	43-013-32831	SWSE, 23-9S-15E	UTU66185
11-23	43-013-32829	NESW, 23-9S-15E	UTU66185
6-23	43-013-32827	SENW, 23-9S-15E	UTU66185
14-23	43-013-32817	SESW, 23-9S-15E	UTU66185
13-24	43-013-32820	SWSW, 24-9S-15E	UTU02458
14-24	43-013-32821	SESW, 24-9S-15E	UTU02458
9-24	43-013-32819	NESE, 24-9S-15E	UTU02458
8-24	43-013-32818	SENE, 24-9S-15E	UTU02458
4-25	43-013-32884	NWNW, 25-9S-15E	UTU66185
4-26	43-013-32900	NWNW, 26-9S-15E	UTU027345
5-26	43-013-32901	SWNW, 26, 9S-15E	UTU66185
12-26	43-013-32905	NWSW, 26, 9S-15E	UTU66185
5-27	43-013-32836	Lot 2, 27, 9S-15E	UTU66185
13-27	43-013-32878	Lot 4, 27, 9S-15E	UTU74827
11-27	43-013-32877	NESW, 27, 9S-15E	UTU74827

RECEIVED

NOV 08 2006

DIV. OF OIL, GAS & MINING

WELL NO.	API NO.	LOCATION	LEASE NO.
14-27	43-013-32879	SESW, 27, 9S-15E	UTU74827
7-27	43-013-32838	SWNE, 27, 9S-15E	UTU66185
10-27	43-013-32876	NWSE, 27, 9S-15E	UTU66185
15-27	43-013-32880	SWSE, 27, 9S-15E	UTU66185
9-27	43-013-32875	NESE, 27, 9S-15E	UTU66185
3-27	43-013-32835	NENW, 27, 9S-15E	UTU66185
2-27	43-013-32834	NWNE, 27, 9S-15E	UTU027345

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 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 (11/03/06)Ashley "A, B"Consolidated

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: ASHLEY FED 8-24-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2130 FNL 0584 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 24 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013328180000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013328180000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/15/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 07/10/2014. On 07/14/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/15/2014 the casing was pressured up to 1133 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

REQUEST DENIED
 August 15, 2014
 Division of
 Oil, Gas and Mining

Date: _____
 By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/17/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 7/15/14 Time 10:00 (am) pm
Test Conducted by: Jonny Daniels
Others Present: _____

Well: <u>Ashley 8-24-9-15</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/NE Sec. 24, T15S, R15E Duchesne, county Utah</u>	API No: <u>43-013-32818</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1140</u>	psig
5	<u>1138</u>	psig
10	<u>1137</u>	psig
15	<u>1136</u>	psig
20	<u>1135</u>	psig
25	<u>1134</u>	psig
30 min	<u>1133</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

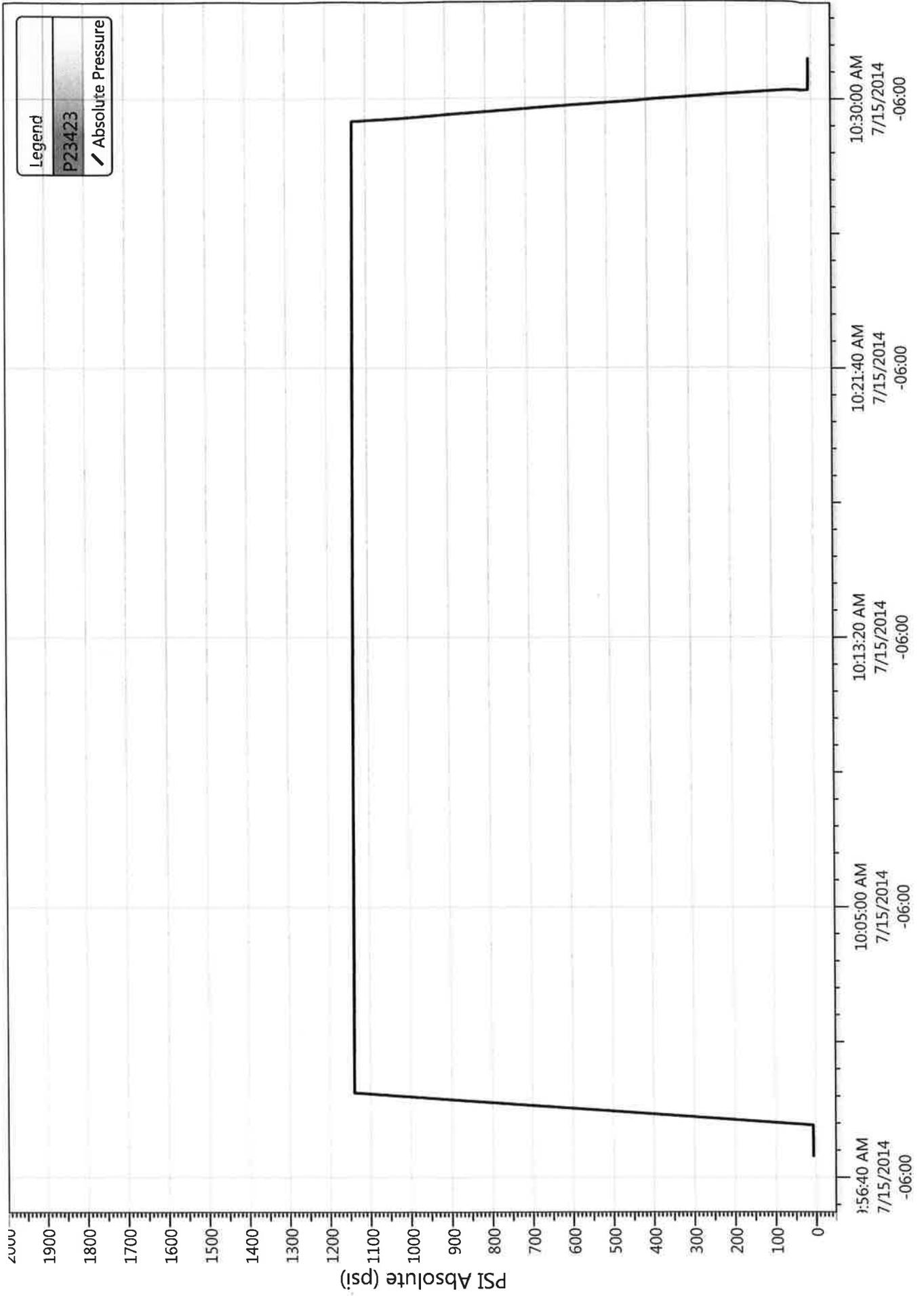
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Jonny Daniels

ashley 8-24-9-15
7/15/2014 9:57:00 AM





Well Name: Ashley 8-24-9-15

Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 7/7/2014	Job End Date 7/15/2014
--------------------------------	----------------------------	---------------------------

Daily Operations

Report Start Date 7/7/2014	Report End Date 7/7/2014	24hr Activity Summary MIRU
Start Time 10:00	End Time 11:00	Comment Rig Move
Start Time 11:00	End Time 18:30	Comment MIRU NC#3, R/D Pmp Unit, R/U Rod Eqp, Flush Down Csg W/50BW, Pull Pmp Off Seat, Flush Tbg W/30BW, Soft Seat Rod Pmp, Fill W/15BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, POOH W/ Rod Prod String, L/D Sting As Followed=1 1/2X30' Polish Rod, 100-3/4 4 Pers, 78-3/4 Slick Rods, 26-3/4 4 Pers, 6WT Bars, 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U Rig Fir, R/U Tbg Eqp. Release T/A, TOOH W/80jts Tbg, Brake & Dope Each Connection W/Lubon 404G, SWI, 6:30PM CSDFN
Start Time 18:30	End Time 19:00	Comment C/TVI
Report Start Date 7/8/2014	Report End Date 7/8/2014	24hr Activity Summary TOOH, W/Tbg Prod String As Shown=165jt
Start Time 05:30	End Time 06:00	Comment C/TVI
Start Time 06:00	End Time 07:30	Comment DOT Safety Meeting @ Newfield Office
Start Time 07:30	End Time 18:30	Comment OWU, TOOH, W/Tbg Prod String As Shown=165jts 2 7/8 J-55 Tbg, T/A, 1jt, S/N, 2jts, & N/C, Brake & Dope 142fts Tbg, L/D 26jts, T/A, S/N & N/C, Had To Replace Tbg Tongs Do To The Internal Chain Failure, Pmp 10BW Pad, Drop S/Vve, Fill W/ 25BW, Psr Tst Tbg To 3000psi, Psr Bled Off To 2890psi & Held For One Hour, R/U S/Lne W/Fishing Tool, P/U & RIH, Latch Onto S/Vve, Pull Off Seat, POOH W/ S/Vve, L/D & R/D S/Lne, SWI, 6:30PM CSDFN
Start Time 18:30	End Time 19:00	Comment C/TVI
Report Start Date 7/9/2014	Report End Date 7/9/2014	24hr Activity Summary MIT Csg
Start Time 05:30	End Time 06:00	Comment C/TVI,
Start Time 06:00	End Time 18:30	Comment OWU, P/U 6' Tbg Sub, R/D Rod Eqp, R/D Rig Fir, N/D BOPs, N/U W/H-D, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 17k# Tension, L/D 6' Tbg Sub, L/D W/H-D Flange, P/U Injection Tree, N/U Injection Tree, R/U H/Oiler To Csg, Psr Tst Csg To 1500psi, Psr Bled Off To 1150 & Leveled Out, Psr Held For One Hour, Call For MIT Hand, Bump Psr Up To 1500psi, R/U MIT Hand, Csg Would Not MIT, W/H-D Leaking, N/D W/H-D, Dope Csg W/ Lobon 404G Dope, Tighten Up W/H-D, N/U W/H-D, Psr Tst, Csg Would Not MIT, MIT Hand Wanted To Watch It & Let It Set Over Night, Wash Rig, 6:30PM CSDFN
Start Time 18:30	End Time 19:00	Comment C/TVI
Report Start Date 7/10/2014	Report End Date 7/10/2014	24hr Activity Summary MIT
Start Time 05:30	End Time 06:00	Comment C/TVI
Start Time 06:00	End Time 10:00	Comment Check Psr, Psr @ 1400psi, Wait On MIT Hand To MIT Well, R/U MIT Eqp, MIT Csg, R/D MIT Hand, R/D & M/O NC#3
Report Start Date 7/15/2014	Report End Date 7/15/2014	24hr Activity Summary Conduct MIT



Well Name: Ashley 8-24-9-15

Job Detail Summary Report

Start Time	End Time	Comment
10:00	10:30	On 07/14/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/15/2014 the casing was pressured up to 1133 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Ashley 8-24-9-15

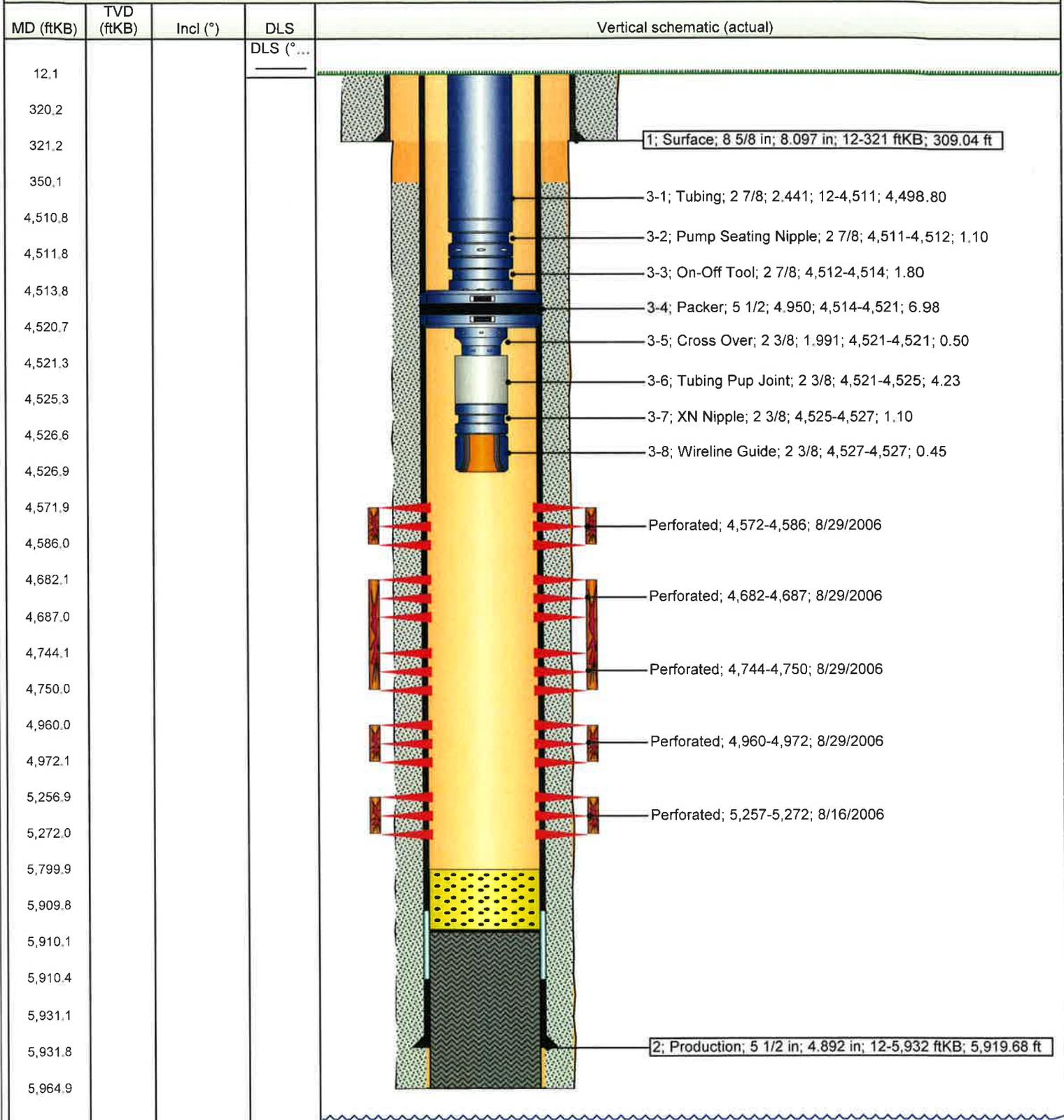
Surface Legal Location 24-9S-15E		API/UWI 43013328180000	Well RC 500159059	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 9/1/2006	Original KB Elevation (ft) 6,213	Ground Elevation (ft) 6,201	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,910.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/7/2014	Job End Date 7/15/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	---------------------------

TD: 5,965.0

Vertical - Original Hole, 7/16/2014 8:41:01 AM



NEWFIELD**Newfield Wellbore Diagram Data
Ashley 8-24-9-15**

Surface Legal Location 24-9S-15E		API/UWI 43013328180000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB3	
Well Start Date 6/5/2006		Spud Date		On Production Date 9/1/2006	
Original KB Elevation (ft) 6,213	Ground Elevation (ft) 6,201	Total Depth (ftKB) 5,965.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,910.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/5/2006	8 5/8	8.097	24.00	J-55	321
Production	8/8/2006	5 1/2	4.950	15.50	J-55	5,932

Cement**String: Surface, 321ftKB 7/7/2006**

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 321.1	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,932ftKB 8/8/2006

Cementing Company		Top Depth (ftKB) 350.0	Bottom Depth (ftKB) 5,965.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel +3%KCL + 3#/sk CSE + 2#/sk Koseal + 1/4#/sk CelloFlake		Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB) 12.0
Fluid Description 2 % gel+ 3%KCL + 0.5% EC1, 1/4#/sk C.F., 3% SM		Fluid Type Tail	Amount (sacks) 450	Class 50/50 POZ	Estimated Top (ftKB) 2,976.5

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Tubing		7/8/2014		4,527.0				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	142	2 7/8	2.441	6.50	J-55	4,498.80	12.0	4,510.8
Pump Seating Nipple	1	2 7/8				1.10	4,510.8	4,511.9
On-Off Tool	1	2 7/8				1.80	4,511.9	4,513.7
Packer	1	5 1/2	4.950			6.98	4,513.7	4,520.7
Cross Over	1	2 3/8	1.991			0.50	4,520.7	4,521.2
Tubing Pup Joint	1	2 3/8				4.23	4,521.2	4,525.4
XN Nipple	1	2 3/8				1.10	4,525.4	4,526.5
Wireline Guide	1	2 3/8				0.45	4,526.5	4,527.0

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,800	5,910	9/20/2007	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
5	D1 SDS, Original Hole	4,572	4,586	4	90	0.430	8/29/2006
4	D3 SDS, Original Hole	4,682	4,687	4	90	0.430	8/29/2006
3	C SDS, Original Hole	4,744	4,750	4	90	0.430	8/29/2006
2	A1 SDS, Original Hole	4,960	4,972	4	90	0.430	8/29/2006
1	LODC SDS, Original Hole	5,257	5,272	4	120	0.460	8/16/2006

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	2,475	0.9	25.2	2,570			
2	1,950	0.83	25.5	2,230			
3	1,750	0.81	25.2	2,280			
4	2,025	0.88	25.4	2,280			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 40499 lb
2		Proppant White Sand 70637 lb
3		Proppant White Sand 34614 lb
4		Proppant White Sand 75771 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Oil Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
PHONE NUMBER: 435 646-4825 Ext	8. WELL NAME and NUMBER: ASHLEY FED 8-24-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2130 FNL 0584 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 24 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013328180000
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/2/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 07/10/2014. On 08/29/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/02/2014 the casing was pressured up to 1136 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

Date: September 15, 2014

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/5/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Chris Jensen Date 9/2/14 Time 9:00 (am) pm
Test Conducted by: Jonny D.
Others Present: _____

Well: Ashley Federal 8-24-9-15 Field: GMBH
Well Location: SE/NE Sec. 24, T9S, R15E API No: 43-013-32818
Duchesne County, Utah.

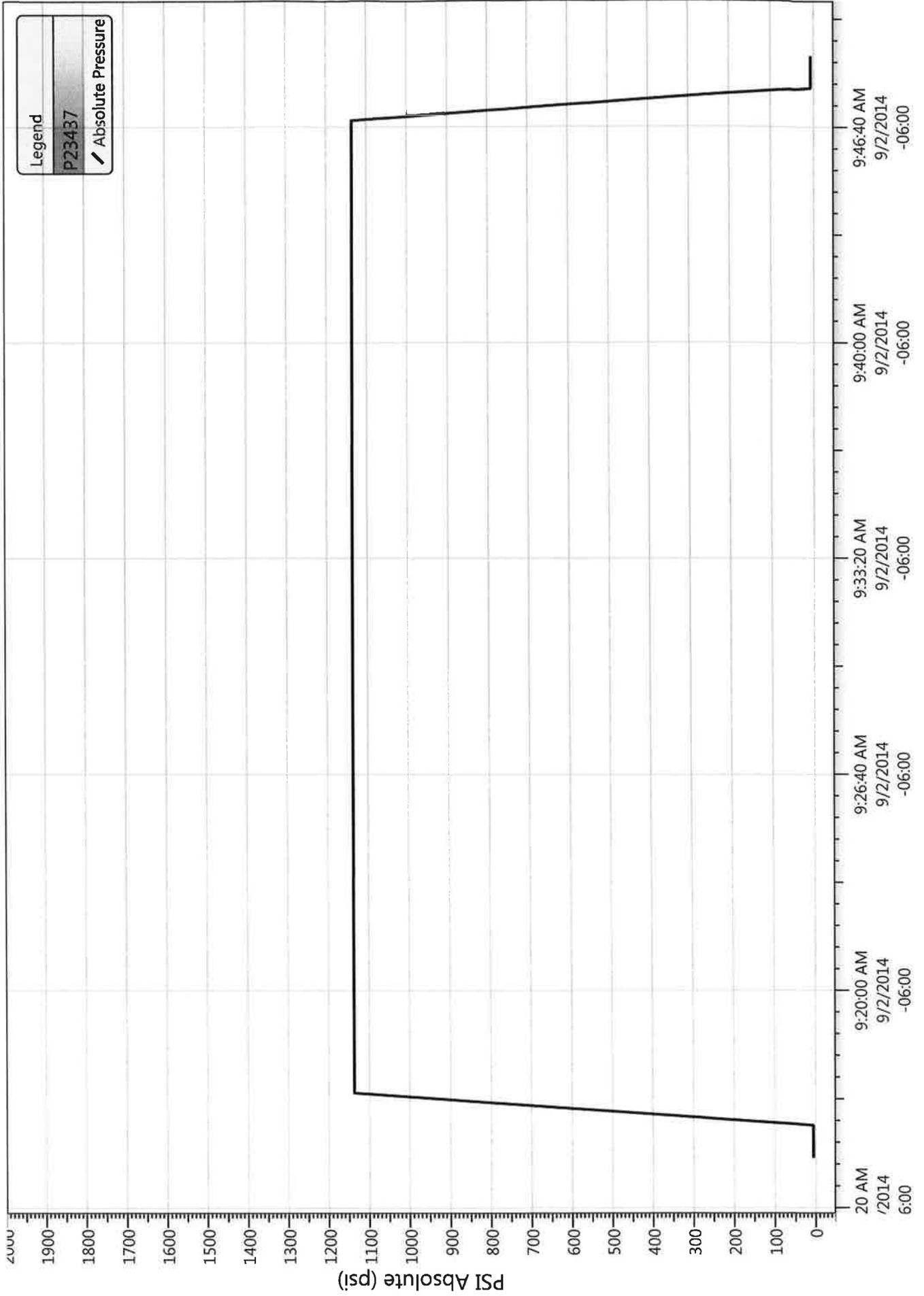
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1137</u>	psig
5	<u>1135</u>	psig
10	<u>1135</u>	psig
15	<u>1135</u>	psig
20	<u>1130</u>	psig
25	<u>1130</u>	psig
30 min	<u>1130</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

Result: Pass Fail

Signature of Witness: [Signature]
Signature of Person Conducting Test: [Signature]

Ashley Federal 8-24-9-15
9/2/2014 9:14:48 AM





Well Name: Ashley 8-24-9-15

Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 7/7/2014	Job End Date 9/2/2014
--------------------------------	----------------------------	--------------------------

Daily Operations

Report Start Date 7/7/2014	Report End Date 7/7/2014	24hr Activity Summary MIIRU
Start Time	End Time	Comment
10:00	11:00	Rig Move
11:00	18:30	MIRU NC#3, R/D Pmp Unit, R/U Rod Eqp. Flush Down Csg W/50BW, Pull Pmp Off Seat, Flush Tbg W/30BW, Soft Seat Rod Pmp, Fill W/15BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, POOH W/ Rod Prod String, L/D Sting As Followed=1 1/2X30' Polish Rod, 100-3/4 4 Pers, 78-3/4 Slick Rods, 26-3/4 4 Pers, 6Wt Bars, 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U Rig Fir, R/U Tbg Eqp. Release T/A, TOOH W/80jts Tbg, Brake & Dope Each Connection W/Lubon 404G, SWI, 6:30PM CSDFN
18:30	19:00	C/TVI
Report Start Date 7/8/2014	Report End Date 7/8/2014	24hr Activity Summary TOOH, W/Tbg Prod String As Showm=165jt
Start Time	End Time	Comment
05:30	06:00	C/TV
06:00	07:30	DOT Safety Meeting @ Newfield Office
07:30	18:30	OWU, TOOH, W/Tbg Prod String As Showm=165jts 2 7/8 J-55 Tbg, T/A, 1jt, S/N, 2jts, & N/C, Brake & Dope 142jts Tbg, L/D 26jts, T/A, S/N & N/C, Had To Replace Tbg Tongs Do To The Internal Chain Failure, Pmp 10BW Pad, Drop SM/ve, Fill W/ 25BW, Psr Tst Tbg To 3000psi, Psr Bled Off To 2890psi & Held For One Hour, R/U S/Lne W/Fishing Tool, P/U & RIH, Latch Onto SM/ve, Pull Off Seat, POOH W/ SM/ve, L/D & R/D S/Lne, SWI, 6:30PM CSDFN
18:30	19:00	C/TVI
Report Start Date 7/9/2014	Report End Date 7/9/2014	24hr Activity Summary MIT Csg
Start Time	End Time	Comment
05:30	06:00	C/TVI
06:00	18:30	OWU, P/U 6' Tbg Sub, R/D Rod Eqp, R/D Rig Fir, N/D BOPs, N/U W/H-D, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 17K# Tension, L/D 6' Tbg Sub, L/D W/H-D Flange, P/U Injection Tree, N/U Injection Tree, R/U H/Oiler To Csg, Psr Tst Csg To 1500psi, Psr Bled Off To 1150 & Leveled Out, Psr Held For One Hour, Call For MIT Hand, Bump Psr Up To 1500psi, R/U MIT Hand, Csg Would Not MIT, W/H-D Leaking, N/D W/H-D, Dope Csg W/ Lobon 404G Dope, Tighten Up W/H-D, N/U W/H-D, Psr Tst, Csg Would Not MIT, MIT Hand Wanted To Watch It & Let It Set Over Night, Wash Rig, 6:30PM CSDFN
18:30	19:00	C/TVI
Report Start Date 7/10/2014	Report End Date 7/10/2014	24hr Activity Summary MIT
Start Time	End Time	Comment
05:30	06:00	C/TVI
06:00	10:00	Check Psr, Psr @ 1400psi, Wait On MIT Hand To MIT Well, R/U MIT Eqp, MIT Csg, R/D MIT Hand, R/D & M/O NC#3
Report Start Date 7/15/2014	Report End Date 7/15/2014	24hr Activity Summary Conduct MIT



Well Name: Ashley 8-24-9-15

Job Detail Summary Report

Start Time	10:00	End Time	10:30	<p>Comment On 07/14/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/15/2014 the casing was pressured up to 1133 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>
Report Start Date	9/2/2014	Report End Date	9/2/2014	<p>24hr Activity Summary Re-Do MIT - State Denied 7/15/14 test</p>
Start Time	09:15	End Time	09:45	<p>Comment On 08/29/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/02/2014 the casing was pressured up to 1136 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>

NEWFIELD

Schematic

Well Name: Ashley 8-24-9-15

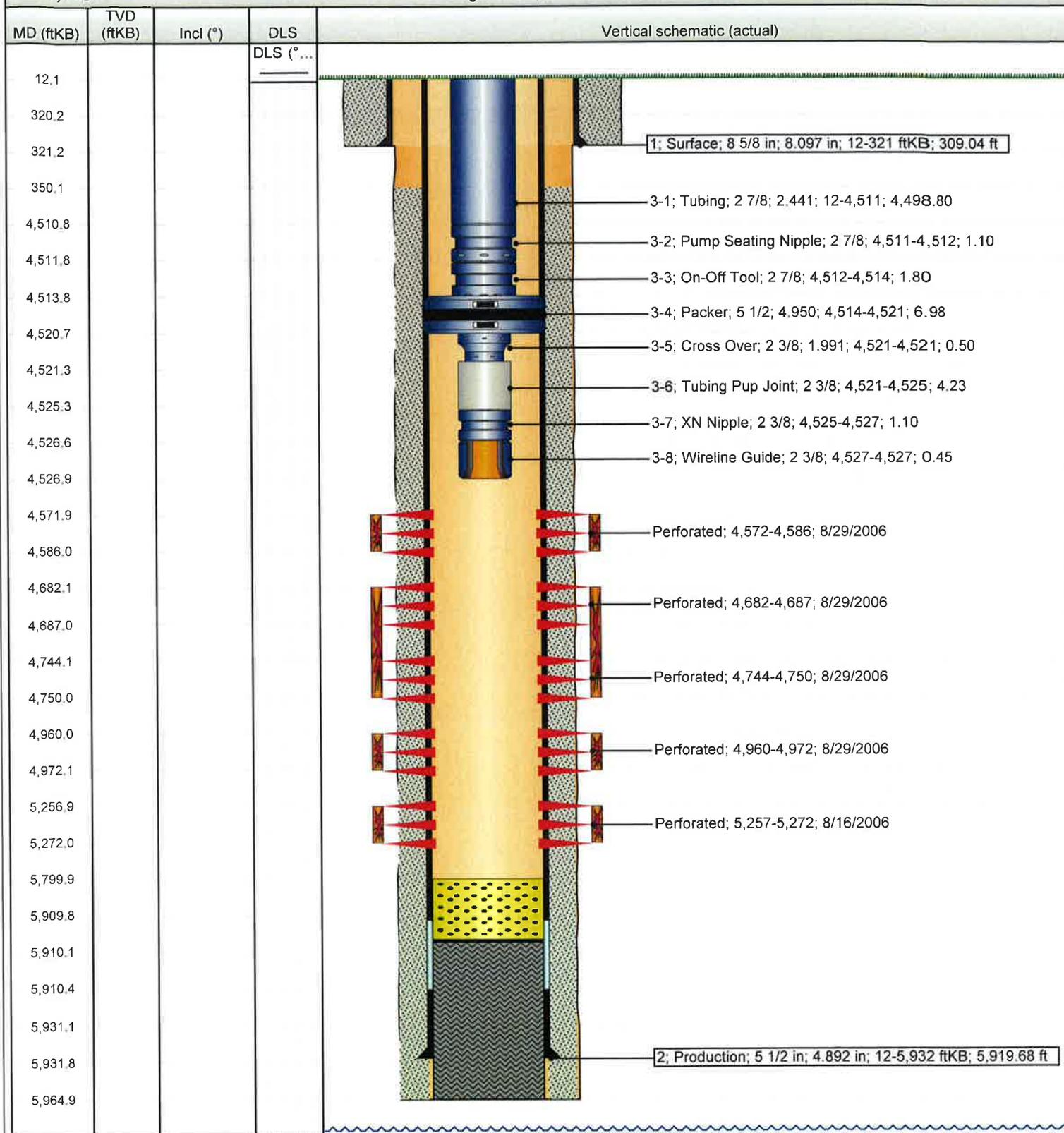
Surface Legal Location 24-9S-15E			API/UVI 43013328180000	Well RC 500159059	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 9/1/2006	Original KB Elevation (ft) 6,213	Ground Elevation (ft) 6,201	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,910.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/7/2014	Job End Date 9/2/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	--------------------------

TD: 5,965.0

Vertical - Original Hole, 9/3/2014 8:31:01 AM



NEWFIELD

Newfield Wellbore Diagram Data

Ashley 8-24-9-15



Surface Legal Location 24-9S-15E		API/UWI 43013328180000		Lease	
County DUCHESENE		State/Province Utah		Basin Uintah Basin	
Well Start Date 6/5/2006		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 6,213		Ground Elevation (ft) 6,201		Total Depth (ftKB) 5,965.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,910.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/5/2006	8 5/8	8.097	24.00	J-55	321
Production	8/8/2006	5 1/2	4.950	15.50	J-55	5,932

Cement**String: Surface, 321ftKB 7/7/2006**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 321.1	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl + 1/4#/sk Cello-Flake	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,932ftKB 8/8/2006

Cementing Company	Top Depth (ftKB) 350.0	Bottom Depth (ftKB) 5,965.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel +3%KCL + 3#/sk CSE+ 2#/sk Kolseal + 1/4#/sk CelloFlake	Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB) 12.0
Fluid Description 2 % gel+ 3%KCL + 0.5% EC1, 1/4#/sk C.F., 3% SM	Fluid Type Tail	Amount (sacks) 450	Class 50/50 POZ	Estimated Top (ftKB) 2,976.5

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)
Tubing	142	2 7/8	2.441	6.50	J-55	4,498.80	12.0	4,510.8
Pump Seating Nipple	1	2 7/8				1.10	4,510.8	4,511.9
On-Off Tool	1	2 7/8				1.80	4,511.9	4,513.7
Packer	1	5 1/2	4.950			6.98	4,513.7	4,520.7
Cross Over	1	2 3/8	1.991			0.50	4,520.7	4,521.2
Tubing Pup Joint	1	2 3/8				4.23	4,521.2	4,525.4
XN Nipple	1	2 3/8				1.10	4,525.4	4,526.5
Wireline Guide	1	2 3/8				0.45	4,526.5	4,527.0

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Blm (ftKB)	Run Date	Pull Date
Fill	5,800	5,910	9/20/2007	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	D1 SDS, Original Hole	4,572	4,586	4	90	0.430	8/29/2006
4	D3 SDS, Original Hole	4,682	4,687	4	90	0.430	8/29/2006
3	C SDS, Original Hole	4,744	4,750	4	90	0.430	8/29/2006
2	A1 SDS, Original Hole	4,960	4,972	4	90	0.430	8/29/2006
1	LODC SDS, Original Hole	5,257	5,272	4	120	0.460	8/16/2006

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	2,475	0.9	25.2	2,570			
2	1,950	0.83	25.5	2,230			
3	1,750	0.81	25.2	2,280			
4	2,025	0.88	25.4	2,280			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 40499 lb
2		Proppant White Sand 70637 lb
3		Proppant White Sand 34614 lb
4		Proppant White Sand 75771 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: ASHLEY FED 8-24-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013328180000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2130 FNL 0584 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 24 Township: 09.0S Range: 15.0E Meridian: S		COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/19/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input 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 10:45 AM on 09/19/2014.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 25, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 9/25/2014



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

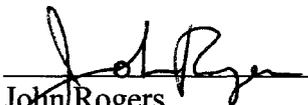
Cause No. UIC-382

Operator: Newfield Production Company
Well: Ashley Federal 8-24-9-15
Location: Section 24, Township 9 South, Range 15 East
County: Duchesne
API No.: 43-013-32818
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 9, 2012.
2. Maximum Allowable Injection Pressure: 1,720 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,892' – 5,910')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

9/17/2014
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\Newfield





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

January 9, 2012

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 8-24-9-15, Section 24, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32818

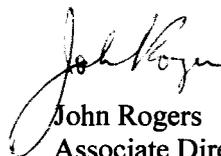
Gentlemen:

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

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

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

Sincerely,



John Rogers
Associate Director

JR/MLR/js

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

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



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

Applicant: Newfield Production Company **Well:** Ashley Federal 8-24-9-15

Location: 24/9S/15E **API:** 43-013-32818

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 321 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,932 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,020 feet or +higher. A 2 7/8 inch tubing with a packer will be set at 4,522 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (9/16/2014), based on surface locations, there are 10 producing wells and 8 injection wells in the AOR. In addition, there is one directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. There is 1 currently drilling directional well with a surface location outside the AOR and proposed bottom hole location inside the AOR. Finally, there are 3 approved surface locations inside the AOR for bottom hole locations inside the AOR and 1 approved surface location outside the AOR for a bottom hole location inside 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 2300 feet. Injection shall be limited to the interval between 3,892 feet and 5,910 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 8-24-9-15 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,720 psig. The requested maximum pressure is 1,720 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 8-24-9-15
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: 1/4/2012 (revised 9/16/2014)

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

The Salt Lake Tribune

MEDIA One

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	12/13/2011

RECEIVED

DEC 19 2011

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000750332 /
SCHEDULE	
Start 12/12/2011	End 12/12/2011
CUST. REF. NO.	
legal Notice	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL	
SIZE	
59 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
203.24	

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-382

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:
 Ashley Federal 2-24-9-15 well located in NW/4 NE/4, Section 24, Township 9 South, Range 15 East API 43-013-32645
 Ashley Federal 4-24-9-15 well located in NW/4 NW/4, Section 24, Township 9 South, Range 15 East API 43-013-32646
 Ashley Federal 6-24-9-15 well located in SE/4 NW/4, Section 24, Township 9 South, Range 15 East API 43-013-32874
 Ashley Federal 8-24-9-15 well located in SE/4 NE/4, Section 24, Township 9 South, Range 15 East API 43-013-32818
 Goates Federal 3 well located in NW/4 NW/4, Section 14, Township 9 South, Range 16 East API 43-013-15791

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

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

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

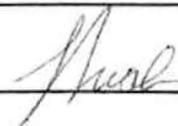
Dated this 7th day of December, 2011.
 STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/
 Brad Hill
 Permitting Manager
 750332

UPAXLP

AFFIDAVIT OF PUBLICATION

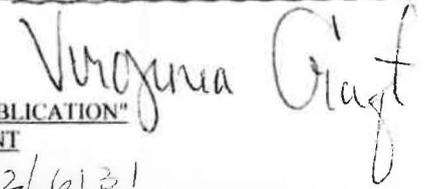
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-382 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAH.LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAH.LEGALS.COM INDEFINITELY.

PUBLISHED ON Start 12/12/2011 End 12/12/2011

SIGNATURE 

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

12/13/2011



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

2250/GG/DICA/UNIN/G F/12/6131

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 13 day of December, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 13 day of December, 2011, 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.

Kevin Ashby

Publisher

Subscribed and sworn to before me this

13 day of December, 2011

Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-382

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 14, 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 for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

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NE/4, Section 24, Township 9 South, Range 15 East API 43-013-32645

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Ashley Federal 6-24-9-15 well located in SE/4, NW/4, Section 24, Township 9 South, Range 15 East API 43-013-32874

Ashley Federal 8-24-9-15 well located in SE/4, NE/4, Section 24, Township 9 South, Range 15 East API 43-013-32818

Goates Federal 3 well located in NW/4 NW/4, Section 14, Township 9 South, Range 16 East API 43-013-15791

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

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

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

Dated this 7th day of December, 2011.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill

Permitting Manager

Published in the Uintah Basin Standard December 13, 2011.

2250/250/GG-VICADMIN/GF12/6131

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-382

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Goates Federal 3 well located in NW/4 NW/4, Section 14, Township 9 South, Range 16 East API 43-013-15791

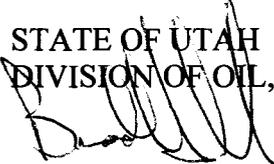
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Dated this 7th day of December, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 2-24-9-15, ASHLEY FEDERAL 4-24-9-15,
ASHLEY FEDERAL 6-24-9-15, ASHLEY FEDERAL 8-24-9-15,
GOATES FEDERAL 3**

Cause No. UIC-382

Publication Notices were sent to the following:

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

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

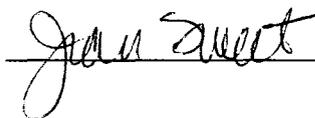
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

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

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





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

December 8, 2011

VIA E-MAIL 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-382

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 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



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 12/8/2011 1:12 PM
Subject: Legal Notice
Attachments: OrderConf.pdf

AD# 750332
Run Trib/DNews - 12/12
Cost \$203.24
Thank you
Mark

Order Confirmation for Ad #000750332-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	-	Payor Account	{
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	earlenerussell@utah.gov	Jean	mfulitz

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-382

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Dated this 7th day of December, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
750332

UFAXLP

Total Amount	\$203.24			
Payment Amt	\$0.00			
Amount Due	\$203.24	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	legal Notice	
Confirmation Notes:				
Text:	Jean			
Ad Type	Ad Size	Color		
Legal Liner	2.0 X 59 Li	<NONE>		

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	12/12/2011	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	12/12/2011	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	12/12/2011	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/12/2011	



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 8, 2011

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-382

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

Enclosure

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-382

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 12/9/2011 11:58 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-382

On 12/8/2011 12:14 PM, Jean Sweet wrote:

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

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

This will be published Dec. 13, 2011.
Thank you,
Cindy



November 17, 2011

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

RE: Permit Application for Water Injection Well
Ashley Federal #8-24-9-15
Monument Butte Field, Lease #UTU-02458
Section 24-Township 9S-Range 15E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #8-24-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg
Regulatory Lead

RECEIVED
NOV 18 2011
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ASHLEY FEDERAL #8-24-9-15
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-02458
NOVEMBER 17, 2011

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
 Put on Production: 9-1-06
 GL: 6201' KB: 6213'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.21')
 DEPTH LANDED: 321.06' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

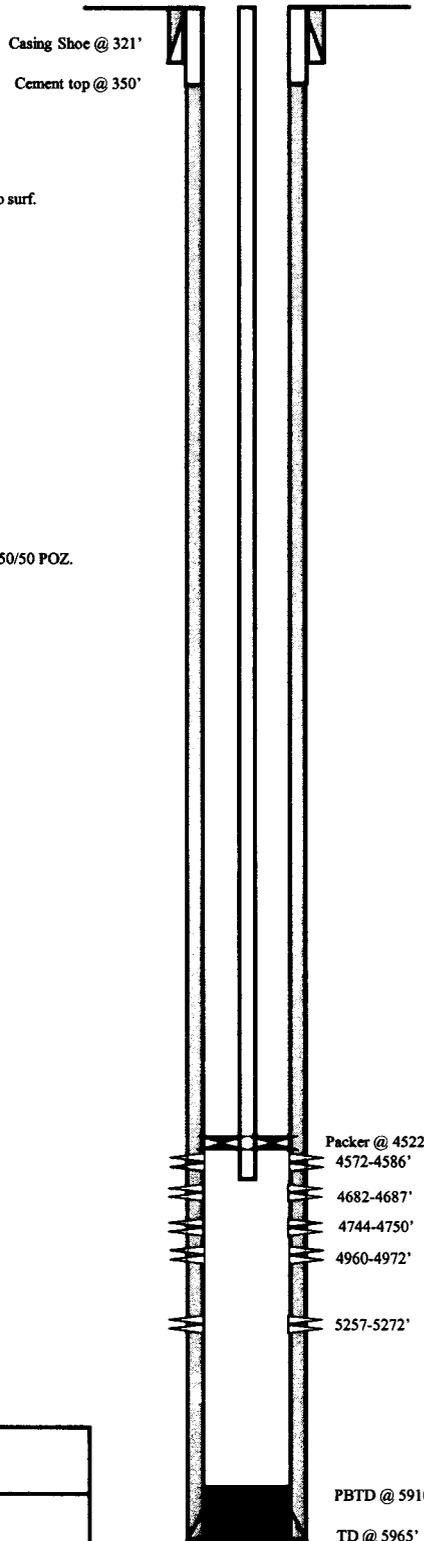
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5918.43')
 DEPTH LANDED: 5931.68' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 350'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5559.84')
 TUBING ANCHOR: 5239.99' KB
 NO. OF JOINTS: 1 jts (31.74')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5274.53' KB
 NO. OF JOINTS: 2 jts (63.37')
 TOTAL STRING LENGTH: EOT @ 5339.45' KB

FRAC JOB

08-29-06	5257-5272'	Frac LODC sands as follows: 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.
08-29-06	4960-4972'	Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.
08-29-06	4682-4750'	Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.
08-29-06	4572-4586'	Frac D1 sands as follows: 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.



PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes

NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL
 SE/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32818; Lease # UTU-02458

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

Newfield Production Company
1001 17th 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 #8-24-9-15 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 #8-24-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3892' - 5910'). 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 3557' and the TD is at 5965'.

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

The referenced log for the Ashley Federal #8-24-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-02458) 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 321' KB, and 5-1/2", 15.5# casing run from surface to 5932' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1720 psig.

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

The minimum fracture gradient for the Ashley Federal #8-24-9-15, for existing perforations (4572' - 5272') calculates at 0.81 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 1720 psig. We may add additional perforations between 3557' and 5965'. See Attachments G and G-1.

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

In the Ashley Federal #8-24-9-15, the proposed injection zone (3892' - 5910') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-11.

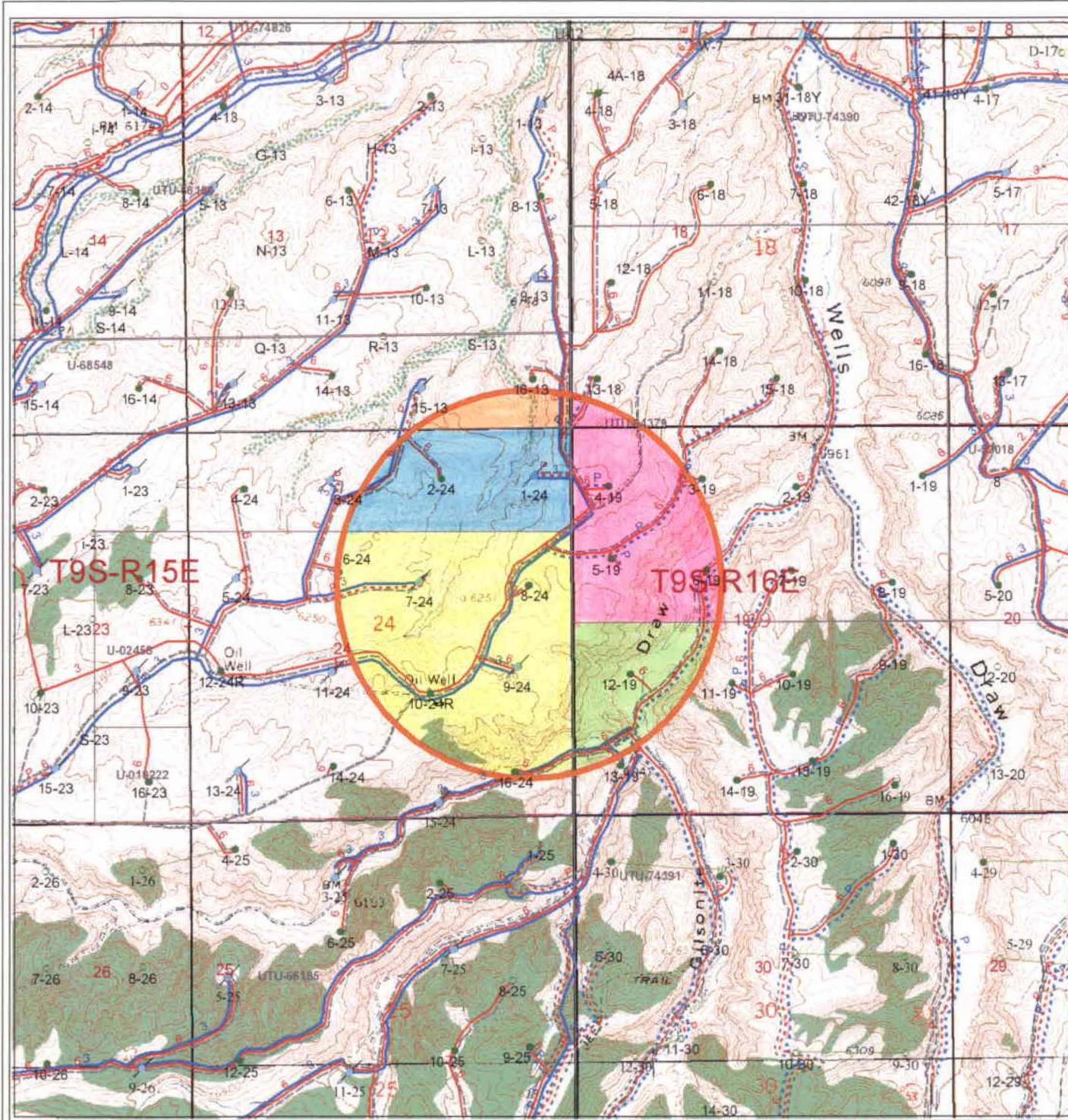
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



Well Status

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

Countyline

- Countyline

Injection system

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

Leases

- Leases
- Mining tracts

Gas Pipelines

- Gathering lines
- ⋯ Proposed lines
- ⊙ 8_24_9_15_Buffer

UTU-02458
 UTU-66185
 UTU-68548
 UTU-74391
 UTU-64379

**Ashley 8-24
 Section 24, T9S-R15E**

NEWFIELD
 ROCKY MOUNTAINS

1" = 2000'

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

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

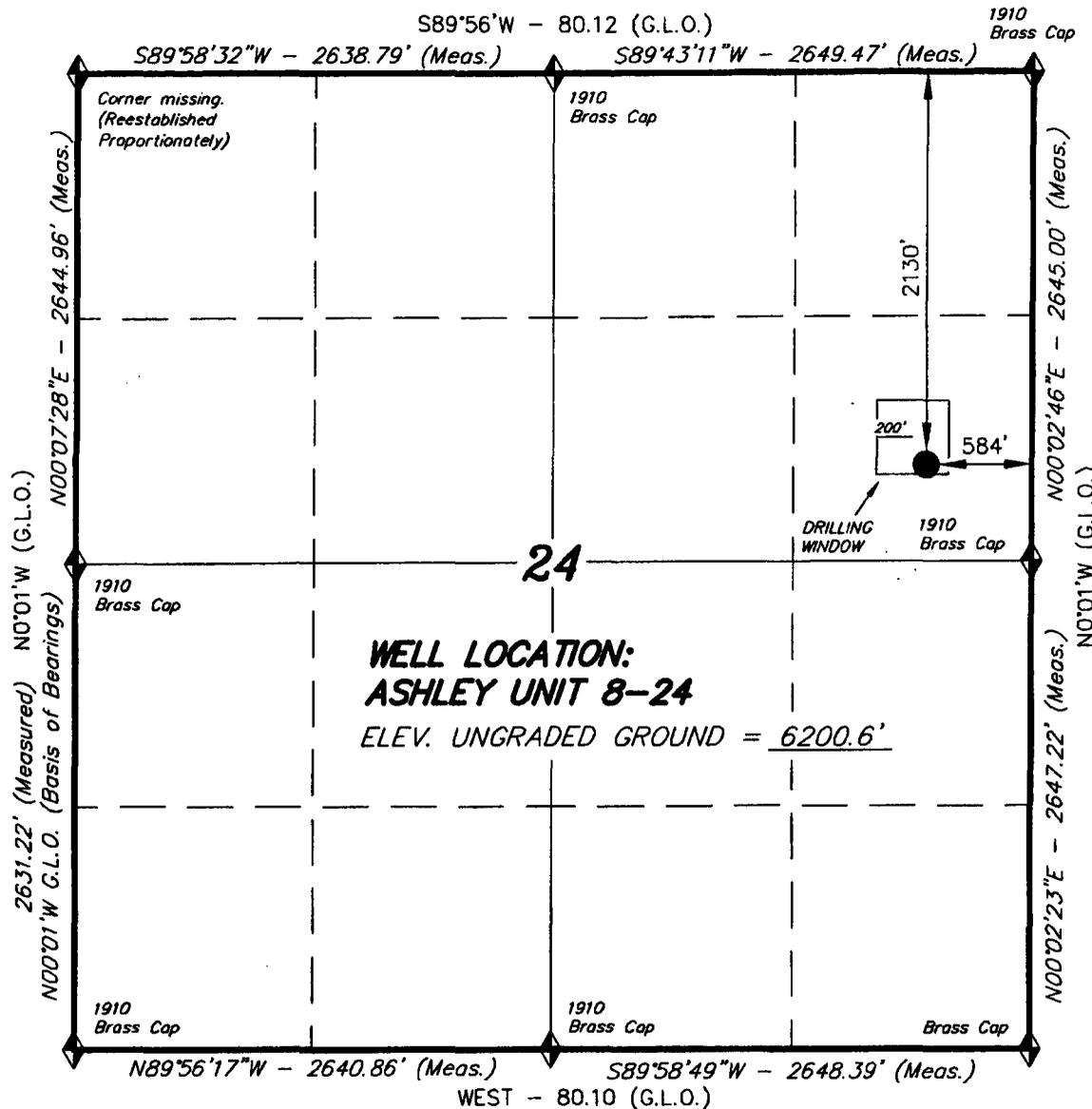
June 28, 2011

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

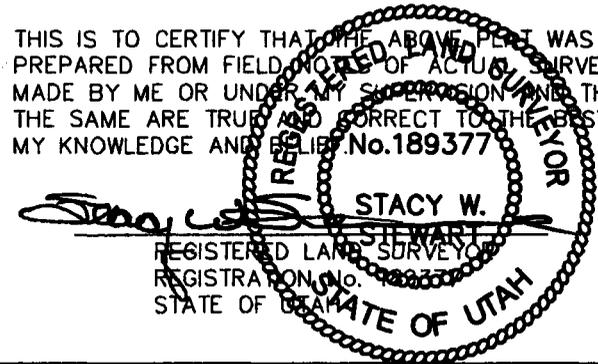
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 8-24,
 LOCATED AS SHOWN IN THE SE 1/4 NE
 1/4 OF SECTION 24, T9S, R15E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-1



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



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

◆ = SECTION CORNERS LOCATED

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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 5-10-05	DRAWN BY: F.T.M.
NOTES:	FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 19: E2SW,SE, Lots 3,4 Section 20: S2 Section 29: ALL Section 30: ALL	USA UTU-74391 HBP	ABO Petroleum Corporation Myco Industries Inc Newfield Production Company Newfield RMI LLC Yates Drilling Company Yates Petroleum Corporation	USA
5	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, lots 3,4	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA

Section 19: NE, E2NW, Lots 1,2

Section 21: N2

Section 22: W2NE, SENE, NW

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Ashley Federal #8-24-9-15

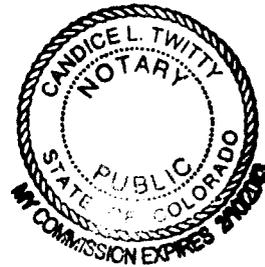
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 17th day of November, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 02/10/2013



Ashley Federal 8-24-9-15

Spud Date: 7-5-06
 Put on Production: 9-1-06
 GL: 6201' KB: 6213'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.21')
 DEPTH LANDED: 321.06' 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. (5918.43')
 DEPTH LANDED: 5931.68' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 350'

TUBING

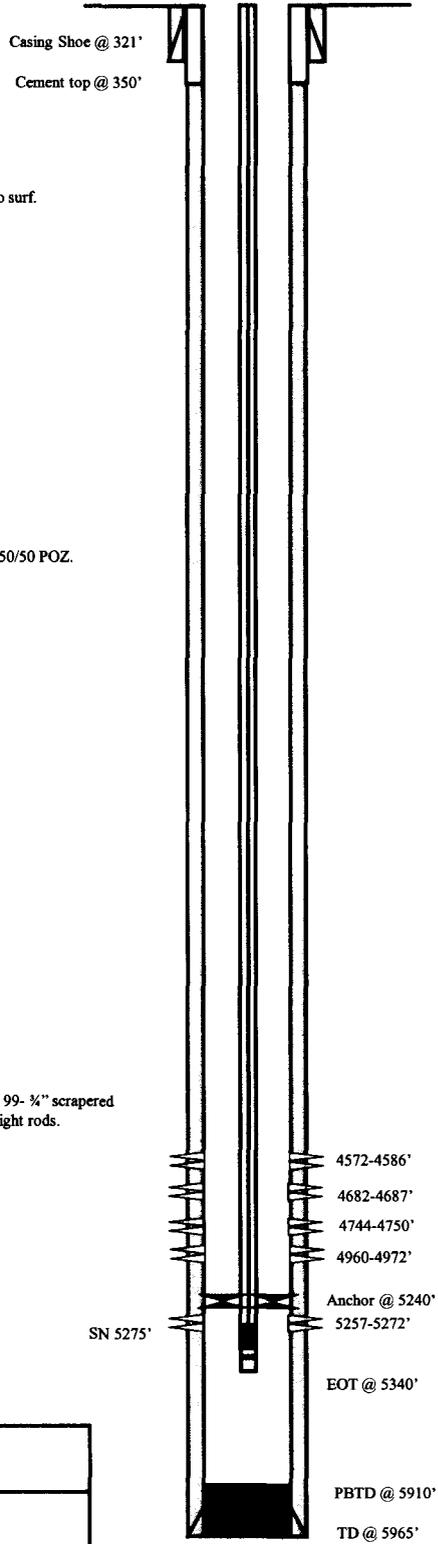
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5559.84')
 TUBING ANCHOR: 5239.99' KB
 NO. OF JOINTS: 1 jts (31.74')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5274.53' KB
 NO. OF JOINTS: 2 jts (63.37')
 TOTAL STRING LENGTH: EOT @ 5339.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-6", 2-4', & 1-2' X 3/4" pony rods, 99- 3/4" scraped rods, 94- 3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-29-06	5257-5272'	Frac LODC sands as follows: 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.
08-29-06	4960-4972'	Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.
08-29-06	4682-4750'	Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.
08-29-06	4572-4586'	Frac D1 sands as follows: 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.



PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes

NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL

SE/NE Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32818; Lease # UTU-02458

Sundry Number: 43427 API Well Number: 43013330650000

FEDERAL 4-19-9-16

Spud Date: 09/21/07
 Put on Production: 10/16/07
 GL: 6147' KB: 6159'

Injection Wellbore Diagram

SURFACE CASING

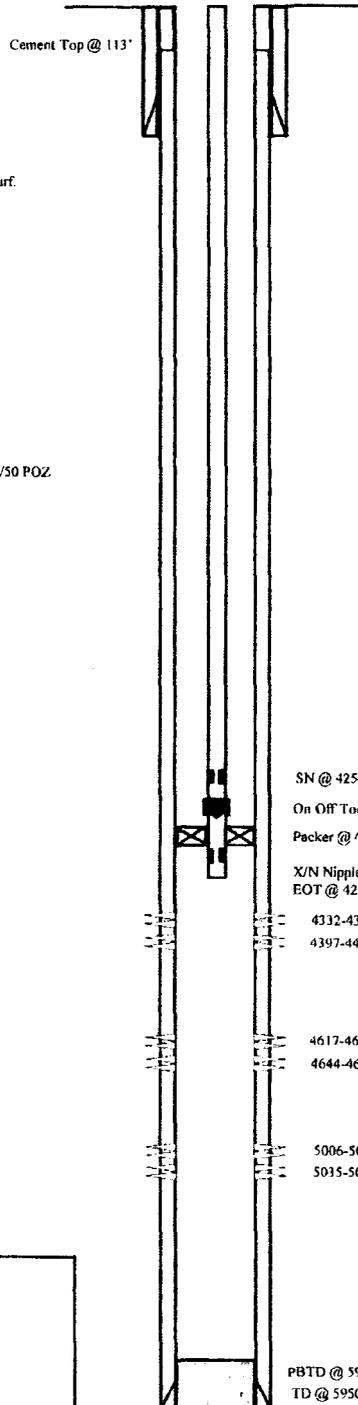
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (318 36')
 DEPTH LANDED: 318 43' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15 5#
 LENGTH: 154 jts (5940 31')
 DEPTH LANDED: 5953 56' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
 NO OF JOINTS: 136 jts (4244')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT: 4254' KB
 ON/OFF TOOL AT: 4255 1'
 ARROW #1 PACKER CE AT: 4260 3'
 XO 2-3/8 x 2-7/8 J-55 AT: 4263 7'
 TBG PUP 2-3/8 J-55 AT: 4264 2'
 X/N NIPPLE AT: 4268 3'
 TOTAL STRING LENGTH EOT @ 4270 07'



FRAC JOB

10/24/07 5006-5040' **Frac A1 & A3 sands as follows:**
 59956# 20/40 sand in 510 bbls Lightning 17
 frac fluid Treated @ avg press of 2310 psi
 w/avg rate of 27.4 BPM ISIP 2530 psi Calc
 flush: 5004 gal Actual flush: 4494 gal

10/24/07 4617-4652' **Frac D1 & D2 sands as follows:**
 60019# 20/40 sand in 499 bbl Lightning 17
 frac fluid Treated @ avg press of 1873 psi
 w/avg rate of 24.8 BPM ISIP 2145 psi Calc
 flush: 4615 gal Actual flush: 4116 gal

10/24/07 4332-4404' **Frac PB10 & PB11 sands as follows:**
 38622# 20/40 sand in 415 bbls Lightning 17
 frac fluid Treated @ avg press of 2107 psi
 w/avg rate of 24.8 BPM ISIP 2145 psi Calc
 flush: 4330 gal Actual flush: 4200 gal

6/11/08 **Stuck pump.** Updated tubing and rod detail

6/18/09 **Tubing Leak.** Updated rod & tubing details

10-6-10 **Parted Rods.** Update rod and tubing details

09/26/13 **Convert to Injection Well**

10/01/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Depth Range	Completion Type	Number of Holes
5015-5040'	4 JSPP	20 holes
5006-5015'	4 JSPP	36 holes
4644-4652'	4 JSPP	32 holes
4617-4621'	4 JSPP	16 holes
4397-4404'	4 JSPP	28 holes
4332-4338'	4 JSPP	24 holes

NEWFIELD

FEDERAL 4-19-9-16

795' FNL & 507' FWL
 NW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33065; Lease # UTU-64379

Spud Date: 08/29/07
 Put on Production: 10/08/07
 GL: 6182' KB: 6194'

FEDERAL 5-19-9-16

Injection Wellbore Diagram

SURFACE CASING

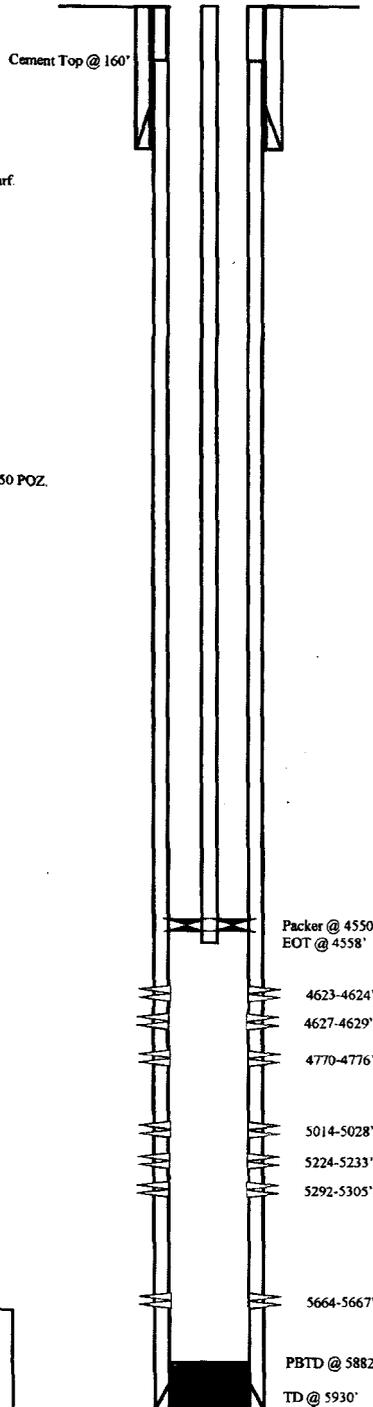
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.00')
 DEPTH LANDED: 312.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (5914.34')
 DEPTH LANDED: 5927.59' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4532.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4544.2' KB
 RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'
 PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple
 TBG PUP 2-3/8" J-55 AT: 4554.1'
 TOTAL STRING LENGTH: EOT @ 4558' KB



FRAC JOB

10/02/07 5292-5305' **Frac LODC sands as follows:**
 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal

10/02/07 5224-5233' **Frac LODC sands as follows:**
 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.

10/04/07 5014-5028' **Frac A3 sands as follows:**
 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.

10/05/07 4770-4776' **Frac C sands as follows:**
 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.

10/21/09 **Pump Change.** Updated rod & tubing details.
 7/14/2011 **Tubing Leak.** Updated rod & tubing details.

08/30/12 5664-5667' **Frac CP4 sands as follows:**
 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.

08/30/12 4623-4629' **Frac D1 sands as follows:**
 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.

08/31/12 **Convert to Injection Well**
 09/05/12 **Conversion MIT Finalized** - update thg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPF	52 holes
10/02/07	5224-5233'	4 JSPF	36 holes
10/02/07	5014-5028'	4 JSPF	56 holes
10/04/07	4770-4776'	4 JSPF	24 holes
08/28/12	5664-5667'	3 JSPF	9 holes
08/28/12	4627-4629'	3 JSPF	6 holes
08/28/12	4623-4624'	3 JSPF	3 holes

NEWFIELD

FEDERAL 5-19-9-16
 1785' FNL & 544' FWL
 SW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33174; Lease # UTU-64379

Attachment E-3

NEWFIELD



Schematic

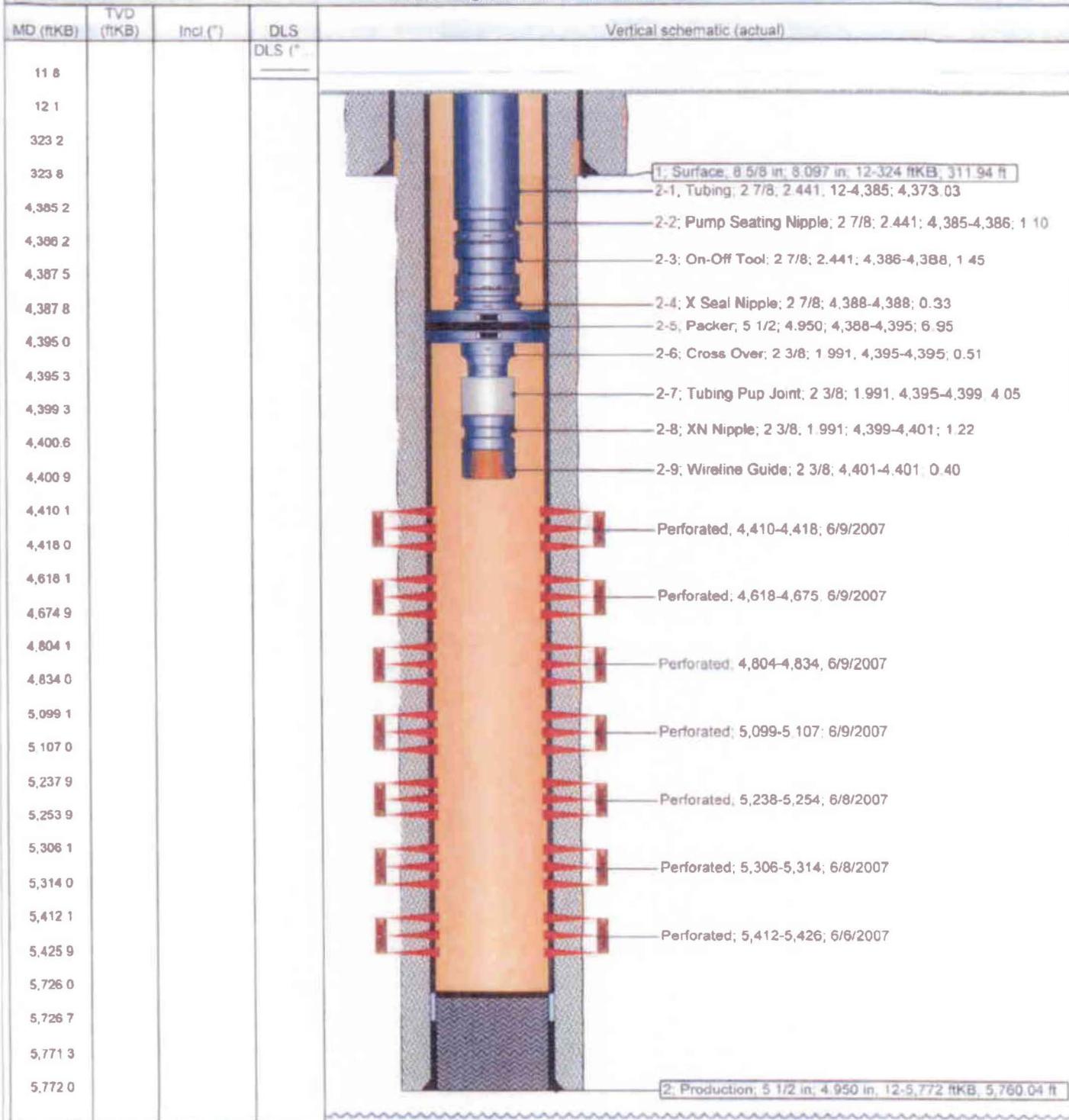
43-013-33100

Well Name: **Federal 6-19-9-16**

Surface Legal Location 19-9S-16E	AP#UWI 43013331000000	Well RC 500158544	Lease	State/Province Utah	Field Name GMBU CT B3	County DUCHESNE
Spud Date 5/13/2007	Rig Release Date 5/22/2007	On Production Date 6/12/2007	Original KB Elevation (ft) 6,000	Ground Elevation (ft) 5,988	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,726.2

Most Recent Job					
Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/14/2014	Job End Date 3/20/2014	

TD: 5,772.0 Vertical - Original Hole, 9/2/2014 8:49:46 AM



FEDERAL 12-19-9-16

Spud Date: 05/04/07
 Put on Production: 03/28/07
 GL: 6024' KB 6036'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (312 23')
 DEPTH LANDED 324 08' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15 5#
 LENGTH 131 jts (5741 84')
 DEPTH LANDED 5744 09' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 325 sxs Prem Lite II mixed & 451 sxs 50/50 POZ

TUBING

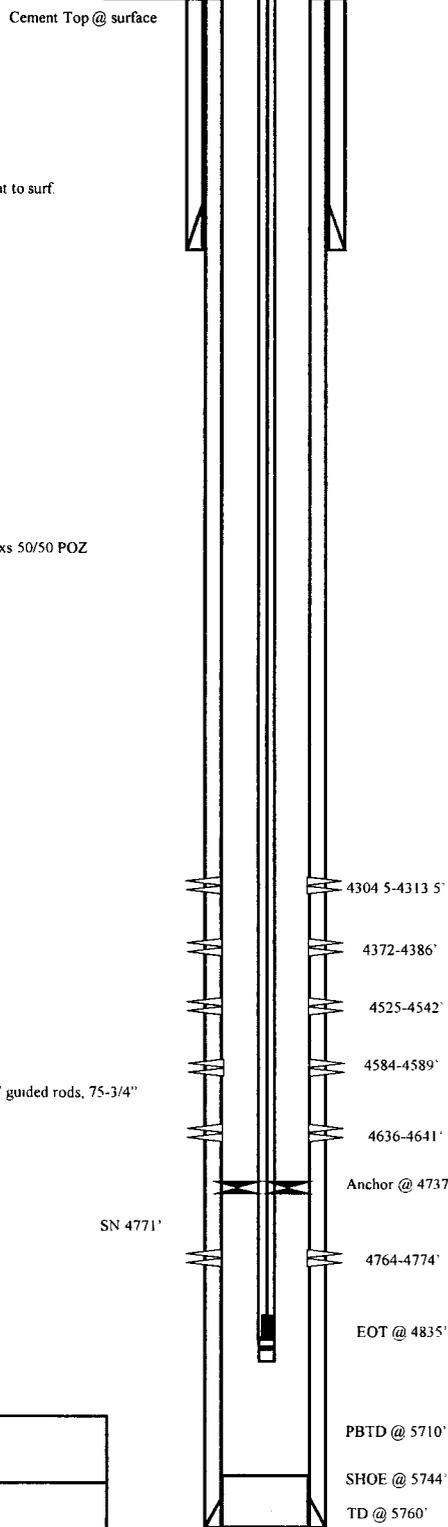
SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
 NO OF JOINTS 148 jts (4724 60')
 TUBING ANCHOR 4736 60' KB
 NO OF JOINTS 1 jts (31 37')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 4770 77' KB
 NO OF JOINTS 2 jts (63 07')
 TOTAL STRING LENGTH EOT @ 4835 39' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 26' SM polished rods
 SUCKER RODS 1-6" & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 75-3/4"
 plain rods, 10-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE CDI 2-1/2" x 1-1/2" x 20' RHAC
 STROKE LENGTH 102"
 PUMP SPEED, 5 SPM

FRAC JOB

06/06/07	4764-4774'	Frac A1 sands as follows: 49572# 20/40 sand in 420 bbls Lightning 17 frac fluid Treated @ avg press of 2181 psi w/avg rate of 24 7 BPM ISIP 2446 psi Calc flush 4762 gal Actual flush 4301 gal
06/06/07	4636-4584'	Frac B2 & B1 sands as follows: 14528# 20/40 sand in 232 bbls Lightning 17 frac fluid Treated @ avg press of 2162 psi w/avg rate of 24 7 BPM ISIP 1790 psi Calc flush 4634 gal Actual flush 4141 gal
06/06/07	4525-4542'	Frac C sands as follows: 99094# 20/40 sand in 695 bbls Lightning 17 frac fluid Treated @ avg press of 2017 psi w/avg rate of 24 7 BPM ISIP 2342 psi Calc flush 4523 gal Actual flush 4040 gal
06/06/07	4372-4386'	Frac D1 sands as follows: 93828# 20/40 sand in 683 bbls Lightning 17 frac fluid Treated @ avg press of 1800 psi w/avg rate of 24 7 BPM ISIP 2241 psi Calc flush 4370 gal Actual flush 3919 gal
06/06/07	4304 5-4313 5'	Frac DS3 sands as follows: 17586# 20/40 sand in 243 bbls Lightning 17 frac fluid Treated @ avg press of 2345 psi w/avg rate of 24 7 BPM ISIP 2607 psi Calc flush 4302 5 gal Actual flush 4242 gal



PERFORATION RECORD

06/06/07	4764-4774'	4 JSPF	40 holes
06/06/07	4636-4641'	4 JSPF	20 holes
06/06/07	4584-4589'	4 JSPF	20 holes
06/06/07	4525-4542'	4 JSPF	68 holes
06/06/07	4372-4386'	4 JSPF	56 holes
06/06/07	4304 5-4313 5'	4 JSPF	36 holes

NEWFIELD

FEDERAL 12-19-9-16

1903' FSL & 791' FWL

NWSW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33102; Lease # UTU-74391

Ashley Federal 1-24-9-15

Spud Date: 03/30/05
 Put on Production: 06/03/05
 GL: 6159' KB 6169'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

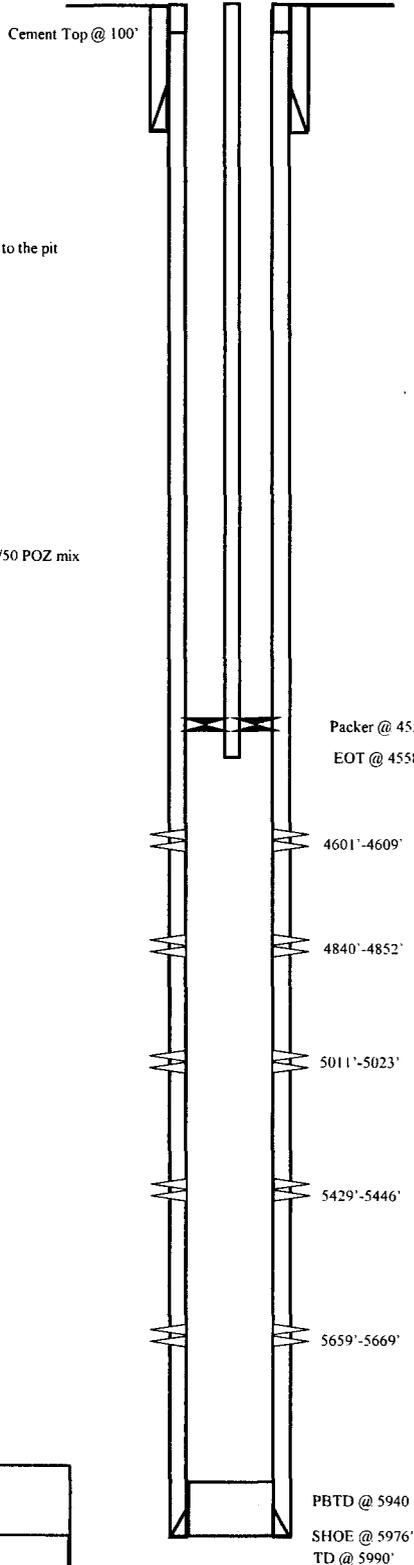
CSG SIZE 8 5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (298.59')
 DEPTH LANDED 308.59' KB
 HOLE SIZE 12 1/4"
 CEMENT DATA 160 sks Class "G" Mix Est 3 bbls cement to the pit

PRODUCTION CASING

CSG SIZE 5 1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 166 jts (5978.21')
 DEPTH LANDED 5976.21' KB
 HOLE SIZE 7 7/8"
 CEMENT DATA 300 sks Prem Lite II mixed & 400 sks 50/50 POZ mix
 CEMENT TOP AT 100'

TUBING

SIZE/GRADE/WT 2 7/8" / J-55 / 6.5#
 NO OF JOINTS 136 jts (4537.75')
 SEATING NIPPLE 2 7/8" (1.10')
 SN LANDED AT 4549.75' KB
 TOTAL STRING LENGTH 4558.25' w/ 12' KB



FRAC JOB

05/26/05 5659'-5669' **Frac CP3 sands as follows:**
 25,389# of 20/40 sand in 296 bbls lightning
 17 frac fluid Treated @ avg press of 2019
 psi, w/avg rate of 25.3 bpm ISIP 2020 psi
 Calc flush 5657 gal Actual flush 5376 gal

05/26/05 5156'-5186' **Frac LODC sands as follows:**
 40,595#'s of 20/40 sand in 369 bbls lightning
 17 frac fluid Treated @ avg press of 2057
 psi, w/avg rate of 24.9 bpm ISIP 3950 psi
 Flush screened out

05/27/05 4840'-4852' **Frac B1 sands as follows:**
 39,566# of 20/40 sand in 382 bbls lightning
 17 frac fluid Treated @ avg press of 1756
 psi, w/avg rate of 25 bpm ISIP 2950 psi
 Calc flush 4838 gal Actual flush 4578 gal

05/27/05 4601'-4609' **Frac D1 sands as follows:**
 40,412# of 20/40 sand in 355 bbls lightning
 17 frac fluid Treated @ avg press of 1784
 psi, w/avg rate of 24.8 bpm ISIP 3593 psi
 Flush screened out

05/27/05 5011'-5023' **Frac A1 sands as follows:**
 46,430# of 20/40 sand in 402 bbls lightning
 17 frac fluid Treated @ avg press of 3096
 psi, w/avg rate of 14.2 bpm ISIP 2100 psi
 Calc flush 1307 gal Actual flush 1260 gal

1/8/07 **Well converted to an Injection well. MIT
 completed and submitted.**

PERFORATION RECORD

05/16/05	5659'-5669'	4 JSPF	40 holes
05/26/05	5429'-5446'	4 JSPF	68 holes
05/27/05	5011'-5023'	4 JSPF	48 holes
05/27/05	4840'-4852'	4 JSPF	48 holes
05/27/05	4601'-4609'	4 JSPF	32 holes



Ashley Federal 1-24-9-15
 640' FNL & 512' FEL
 NE/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32482; Lease #UTU-66185

Ashley Federal 2-24-9-15

Spud Date: 6-30-05
Put on Production: 9-2-05

GL: 6187' KB: 6199'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.11')
DEPTH LANDED: 315.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt. est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5963.71')
DEPTH LANDED: 5976.96' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 270'

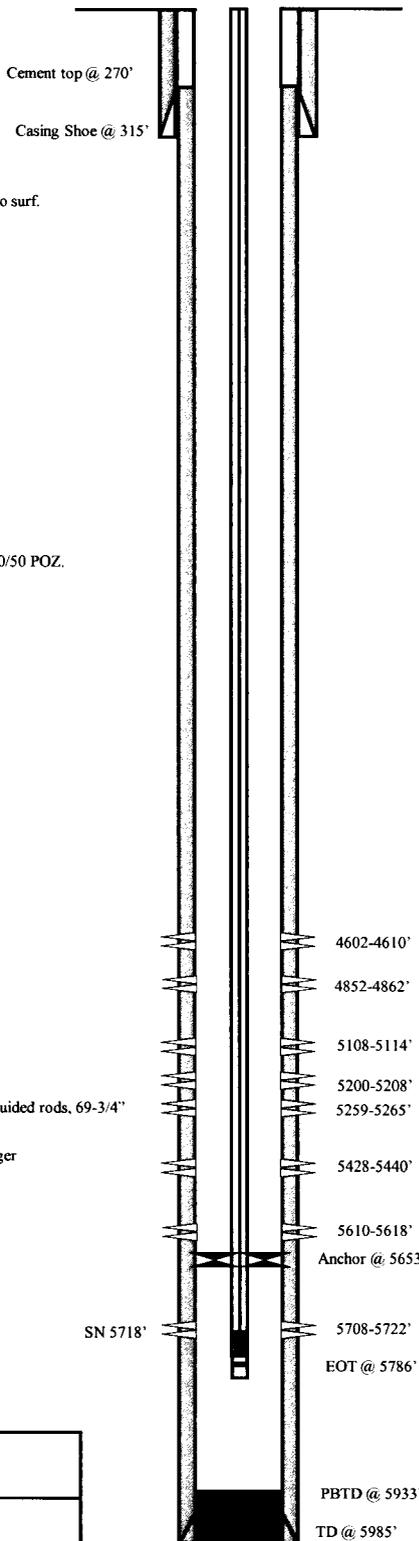
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5640.09')
TUBING ANCHOR: 5652.9' KB
NO. OF JOINTS: 1 jts (62.7')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5718.4' KB
NO. OF JOINTS: 2 jts (66.10')
TOTAL STRING LENGTH: EOT @ 5786' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 99-3/4" 4 per guided rods, 69-3/4" sucker rods, 54-3/4" guided rods, 6-1 1/2" sinker rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 12' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5. SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

8-29-05	5610-5722'	Frac CP2, CP4 sands as follows: 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.
8-29-05	5428-5440'	Frac LODC sands as follows: 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.
8-29-05	5108-5265'	Frac LODC sands as follows: 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.
8-29-05	4852-4862'	Frac B1 sands as follows: 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850 gal. Actual flush: 4872 gal.
8-29-05	4602-4610'	Frac D1 sands as follows: 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal.
1/14/09		Tubing Leak. Updated rod & tubing details.
11/23/10		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

8-15-05	5610-5618'	4 JSPP	32 holes
8-15-05	5708-5722'	4 JSPP	56 holes
8-29-05	5428-5440'	4 JSPP	48 holes
8-29-05	5259-5265'	4 JSPP	24 holes
8-29-05	5200-5208'	4 JSPP	32 holes
8-29-05	5108-5114'	4 JSPP	24 holes
8-29-05	4852-4862'	4 JSPP	40 holes
8-29-05	4602-4610'	4 JSPP	32 holes

NEWFIELD

Ashley Federal 2-24-9-15

661' FNL & 1784' FEL

NW/NE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32645; Lease #UTU-66185

Ashley Federal 6-24-9-15

Spud Date: 07/03/06
 Put on Production: 08/09/06
 K.B.: 6253, G.L.: 6241

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (310 14')
 DEPTH LANDED 321.99' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 137 jts (5976 93')
 DEPTH LANDED 5990 18' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP 82'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 179 jts (5663 5')
 TUBING ANCHOR 5663 5' KB
 NO OF JOINTS 2 jts (63 40')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 5729 7' KB
 NO OF JOINTS 2 jts (63 40')
 TOTAL STRING LENGTH EOT @ 5795' KB

SUCKER RODS

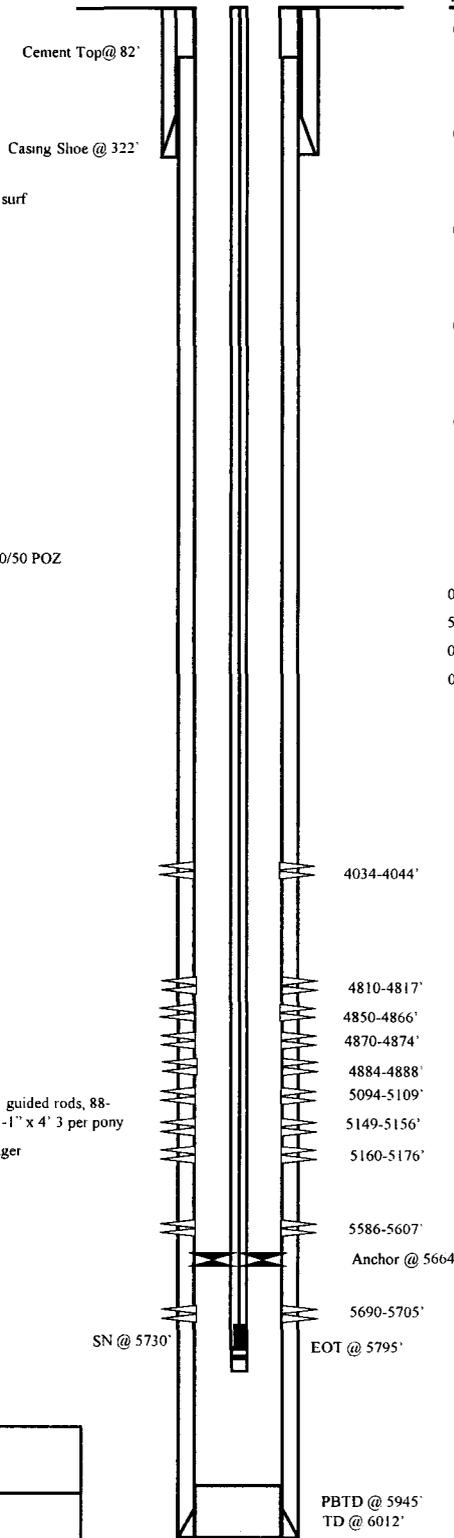
POLISHED ROD 1-1/2" x 26' SM
 SUCKER RODS 1-4, 1-6', x 3/4" pony rods, 99-3/4" 4 per guided rods, 88-3/4" sucker rods, 35-3/4" guided rods, 6-1 1/2" sinker bars 1-1" x 4' 3 per pony
 PUMP SIZE 2-1/2" x 1-1/2" x 13' x 16' RHAC w/SM plunger
 STROKE LENGTH 86"
 PUMP SPEED, 5 SPM

FRAC JOB

08/03/06	5690-5705'	Frac CP4 sands as follows: 45123# 20/40 sand 428 bbls Lightning 17 frac fluid Treated @ avg press of 1888 psi w/avg rate of 25 BPM ISIP 1825 psi Calc flush 5703 gal Actual flush 5208 gal
08/03/06	5586-5607'	Frac CP2 sands as follows: 55280# 20/40 sand in 468 bbls Lightning 17 frac fluid Treated @ avg press of 1869 psi w/avg rate of 25 BPM ISIP 1930 psi Calc flush 5605 gal Actual flush 5040 gal
08/03/06	5094-5176'	Frac LODC sands as follows: 109900# 20/40 sand in 779 bbls Lightning 17 frac fluid Treated @ avg press of 2124 psi w/avg rate of 25 BPM ISIP 2350 psi Calc flush 5174 gal Actual flush 4578 gal
08/03/06	4810-4888'	Frac B1, B2 sands as follows: 135567# 20/40 sand in 929 bbls Lightning 17 frac fluid Treated @ avg press of 1605 psi w/avg rate of 25.3 BPM ISIP 1720 psi Calc flush 4886 gal Actual flush 4284 gal
08/04/06	4034-4044'	Frac GB4 sands as follows: 52617# 20/40 sand in 442 bbls Lightning 17 frac fluid Treated @ avg press of 1691 psi w/avg rate of 25.1 BPM ISIP 2120 psi Calc flush 4042 gal Actual flush 3906 gal
04/04/07		Pump Change: Rod & tubing detail updated
5-15-07		Pump Change: Rod & tubing detail updated
04-08-10		Parted Rods: Rod & tubing detail updated
01/26/11		Pump Change: Rod & tubing detail updated

PERFORATION RECORD

07/27/06	5690-5705'	4 JSPF	60 holes
08/03/06	5586-5607'	4 JSPF	84 holes
08/03/06	5160-5176'	4 JSPF	64 holes
08/03/06	5149-5156'	4 JSPF	28 holes
08/03/06	5094-5109'	4 JSPF	40 holes
08/03/06	4884-4888'	4 JSPF	16 holes
08/03/06	4870-4874'	4 JSPF	16 holes
08/03/06	4850-4866'	4 JSPF	64 holes
08/03/06	4810-4817'	4 JSPF	28 holes
08/03/06	4034-4044'	4 JSPF	40 holes



NEWFIELD

Ashley Federal 6-24-9-15

1913' FNL & 2076' FWL

SE/NW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32874; Lease #UTU-02458

Ashley Federal 7-24-9-15

Spud Date: 3-7-05
 Put on Production: 5-4-05
 GL: 6206' KB: 6218'

Initial Production: 71 BOPD,
 22 MCFD, 96 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

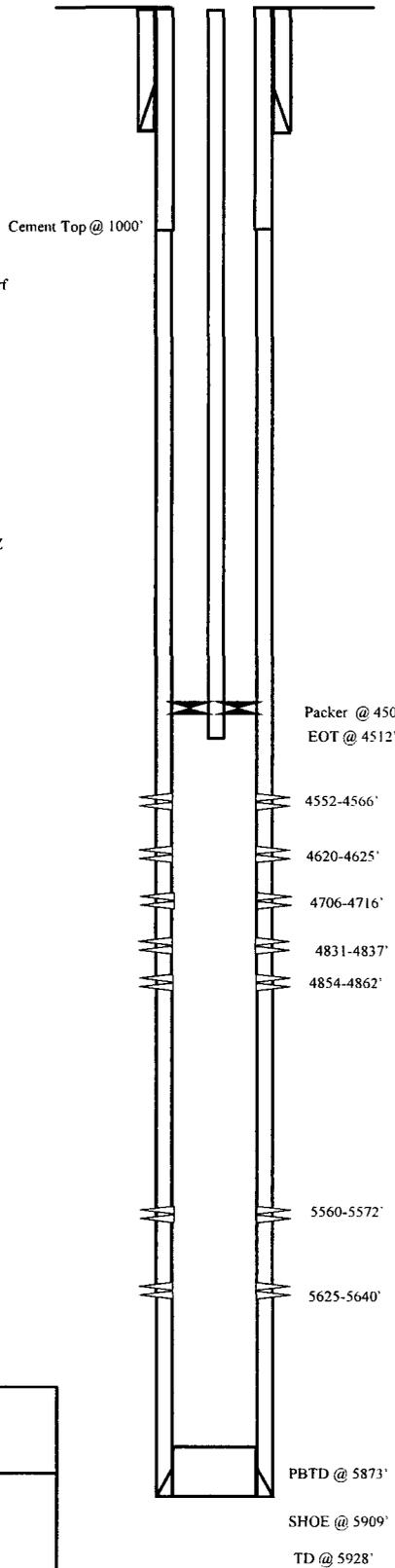
CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (296.01')
 DEPTH LANDED 306 91' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt. est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 164 jts (5907.41')
 DEPTH LANDED 5908 70' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 300 sxs Prem Lite II & 400 sxs 50/50 POZ
 CEMENT TOP AT 1000'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55
 NO OF JOINTS 136 jts (4491.93')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 4503.93' KB
 TOTAL STRING LENGTH: EOT @ 4512.13' KB



FRAC JOB

4-26-05 5560-5640' **Frac CP2 & CP 3 sand as follows:**
 90655#'s 20/40 sand in 685 bbls Lightning
 17 frac fluid Treated @ avg press of 1734 psi
 w/avg rate of 25 BPM ISIP 1920 psi Calc
 flush 5558 gal Actual flush 5376 gal

4-26-05 4831-4862' **Frac B2 sand as follows:**
 84061#'s 20/40 sand in 631 bbls Lightning
 17 frac fluid Treated @ avg press of 1880 psi
 w/avg rate of 25.2 BPM ISIP 2230 psi Calc
 flush 4829 gal Actual flush 4700 gal

4-26-05 4706-4716' **Frac C, sand as follows:**
 20554#'s 20/40 sand in 248 bbls Lightning
 17 frac fluid Treated @ avg press of 2559 psi
 w/avg rate of 25 BPM ISIP 2500 psi Calc
 flush 4704 gal Actual flush 4578 gal

4-26-05 4552-4625' **Frac D1 & D2 sand as follows:**
 93372#'s 20/40 sand in 655 bbls Lightning
 17 frac fluid Treated @ avg press of 1840 psi
 w/avg rate of 25.1 BPM ISIP 2065 psi Calc
 flush 52220 gal Actual flush 4548 gal

5-23-05 Pump Change Update rod and tubing detail
 1/10/07 **Well converted to an Injection well. MIT
 completed and submitted.**

PERFORATION RECORD

4-15-05	5560-5572'	4 JSPF	48 holes
4-15-05	5625-5640'	4 JSPF	60 holes
4-26-05	4831-4837'	4 JSPF	24 holes
4-26-05	4854-4862'	4 JSPF	32 holes
4-26-05	4706-4716'	4 JSPF	40 holes
4-26-05	4552-4566'	4 JSPF	56 holes
4-26-05	4620-4625'	4 JSPF	20 holes

NEWFIELD

Ashley Federal 7-24-9-15
 2067' FNL & 2095' FEL
 SW/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32485; Lease #UTU-02458

Ashley Federal 9-24-9-15

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

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

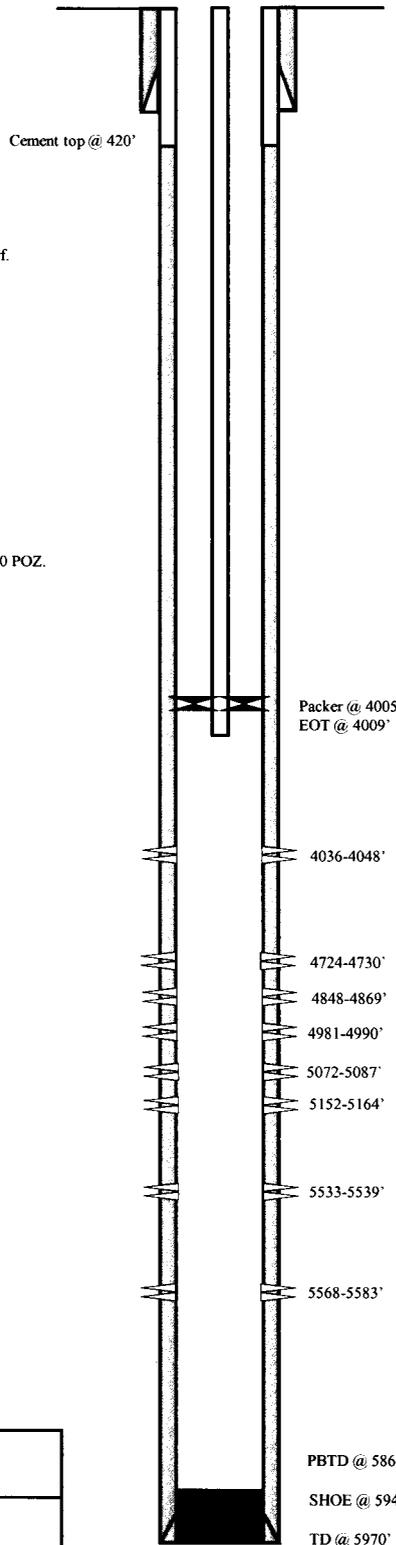
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.97')
 DEPTH LANDED: 314.77' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3988.71')
 SN LANDED AT: 4000.71' KB
 TOTAL STRING LENGTH: EOT @ 4009.11' KB



FRAC JOB

08-22-06	5533-5583'	Frac CP1, & CP3 sands as follows: 49445# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 1798 psi w/avg rate of 25.1 BPM. ISIP 1800 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
08-22-06	5152-5164'	Frac LODC sands as follows: 33453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2733 psi w/avg rate of 24.9 BPM. ISIP 2600 psi. Calc flush: 5150 gal. Actual flush: 4704 gal.
08-24-06	5072-5087'	Frac LODC sands as follows: 33580# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 2730 psi w/avg rate of 24.9 BPM. ISIP 3000 psi. Calc flush: 5070 gal. Actual flush: 4620 gal.
08-24-06	4981-4990'	Frac A1 sands as follows: 29436# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 w/ avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4979 gal. Actual flush: 4536 gal.
08-25-06	4848-4869'	Frac B2 sands as follows: 120080# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 w/ avg rate of 25.1 BPM. ISIP 2450 psi. Calc flush: 4846 gal. Actual flush: 4368 gal.
08-25-06	4036-4730'	Frac C, GB4 sands as follows: 49591# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1936 w/ avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 4034 gal. Actual flush: 3906 gal.
10/27/06		Pump Change. Update rod and tubing details.
9/29/08		Well converted to an Injection Well. MIT completed and submitted.
10/13/08		

PERFORATION RECORD

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

NEWFIELD

Ashley Federal 9-24-9-15

2009' FSL & 755' FEL
 NE/SE Section 24-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32819; Lease # UTU-02458

Recompletion Date: 9/24/96
 GL: 6259.7' KB: 6268'
 Put on Production: 10/15/96

Ashley Federal 10-24R-9-15
 Formerly Castle Peak Unit #1
 Injection Wellbore
 Diagram

Initial Production: 44 BOPD,
 33 MCFPD, 5 BWPD

SURFACE CASING

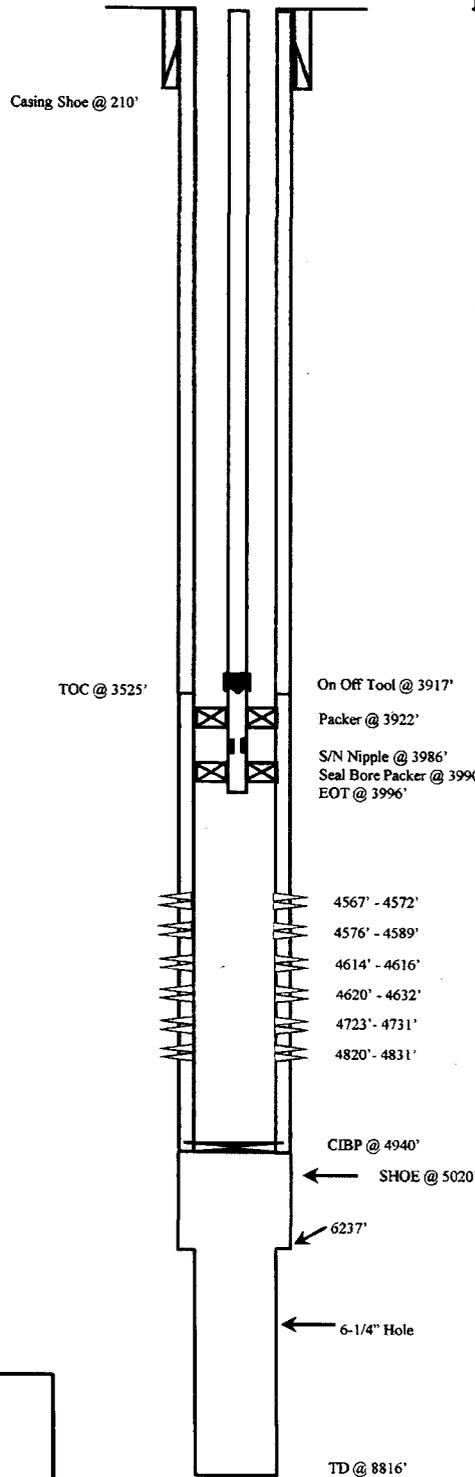
CSG SIZE: 13-3/8"
 GRADE: ?
 WEIGHT: 48#
 LENGTH: ? jts.
 DEPTH LANDED: 210'
 HOLE SIZE: 17-1/4"
 CEMENT DATA: 300 sx

PRODUCTION CASING

CSG SIZE: 7"
 GRADE: J-55
 WEIGHT: 23#
 LENGTH: ?
 DEPTH LANDED: 5020'
 HOLE SIZE: ?
 CEMENT DATA: 500 sx cement with 1% flac added
 CEMENT TOP AT: 3525' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 15k TENSION (1.2) @ 10.0'
 TBG (31.2) @ 11.2'
 TBG PUP 2-7/8 J-55 AT: 42.4'
 NO. OF JOINTS: 124 jts (3851.4')
 ON/OFF TOOL AT: 3916.8'
 ARROW #1 PACKER CE AT: 3922'
 TBG 2 jts (59.9) @ 3925.9'
 XO 2-3/8 x 2-7/8 J-55 AT: 3985.8'
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 3986.3' KB
 XO 2-3/8 J-55 AT: 3987.4'
 XO 2-7/8 J-55 AT: 3987.9'
 TBG PUP 2-3/8 J-55 AT: 3988.4'
 SEAL BORE PACKER AT: 3988.4'
 TOTAL STRING LENGTH: EOT @ 3995.5'



FRAC JOB

- 10/4/96 4820'-4831' **Frac B-2 sand as follows:**
 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out w/6# on formation. Est. 26,800# in formation & 7200# left in tbg. Flowed well back until died.
- 10/8/96 4723'-4731' **Frac C sand as follows:**
 Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and died.
- 10/11/96 4567'-4632' **Frac D-1 and D-2 sands as follows:**
 77,700# of 20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and died.
- 1/3/03 **Tubing Leak.** Update tubing and rod detail.
- 12/19/12 **Convert to Injection Well - Straddle Packer installed**
- 12/20/12 **Conversion MIT Finalized - update tbg detail**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
10/2/96	4820'-4831'	4 JSPF	44 holes
10/5/96	4723'-4731'	4 JSPF	32 holes
10/9/96	4567'-4572'	4 JSPF	20 holes
10/9/96	4576'-4589'	4 JSPF	52 holes
10/9/96	4614'-4616'	4 JSPF	8 holes
10/9/96	4620'-4632'	4 JSPF	48 holes

NEWFIELD

Ashley Federal 10-24R-9-15
 1840 FSL 2000 FEL
 NWSE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-15781; Lease #U-02458

Spud Date: 09/02/06
 Put on Production: 10/24/06
 GL: 6080' KB: 6092'

ASHLEY FEDERAL 16-24-9-15

Injection Wellbore
Diagram

SURFACE CASING

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

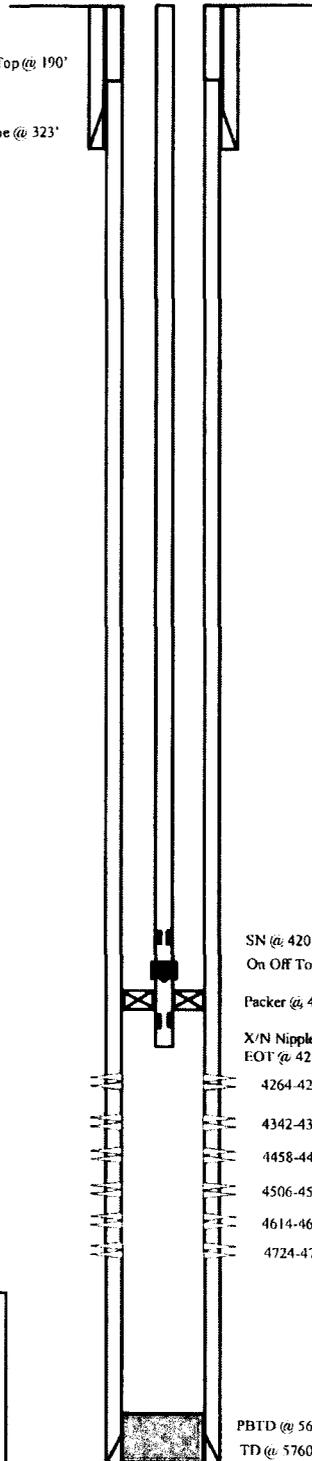
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5697.47')
 DEPTH LANDED: 5710.72' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP: 190'

TUBING

SIZE/GRADE/WT: 2-7/8" J-55 6.5#
 NO OF JOINTS: 133 jts (4189')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4201' KB
 ON/OFF TOOL AT: 4202.1'
 ARROW #1 PACKER CE AT: 4207.5'
 XO 2-3/8 x 2-7/8 J-55 AT: 4211'
 TBG PUP 2-3/8 J-55 AT: 4211.5'
 X/N NIPPLE AT: 4215.7'
 TOTAL STRING LENGTH: EOT @ 4217.2'

Cement Top @ 190'
 Casing shoe @ 323'



FRAC JOB

10/17/06 4724-4732' **Frac A1 sands as follows:**
 34968# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi w/avg rate of 25 BPM. ISIP 2800 psi. Calc flush: 4722 gal. Actual flush: 4662 gal

10/17/06 4614-4622' **Frac B2 sands as follows:**
 34408# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4612 gal. Actual flush: 4116 gal

10/17/06 4506-4514' **Frac D3 sands as follows:**
 69835# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4504 gal. Actual flush: 3990 gal

10/17/06 4342-4354' **Frac D1 sands as follows:**
 79810# 20/40 sand in 578 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25 BPM. ISIP 2300 psi. Calc flush: 4340 gal. Actual flush: 3864 gal

10/17/06 4264-4275' **Frac DS2 sands as follows:**
 48615# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2460 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 4262 gal. Actual flush: 4158 gal

12-13-07 **Pump Change.** Updated rod & tubing details.
 10/23/08 **Tubing Leak.** Updated rod & tubing details
 11/08/13 **Convert to Injection Well**
 11/12/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

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

SN @ 4201'
 On Off Tool @ 4202'
 Packer @ 4207'
 X/N Nipple @ 4216'
 EOT @ 4217'
 4264-4275'
 4342-4354'
 4458-4465'
 4506-4514'
 4614-4622'
 4724-4732'

PBT/D @ 5695'
 TD @ 5760'

NEWFIELD

ASHLEY FEDERAL 16-24-9-15
 590' FSL & 799' FEL.
 SE/SE Section 24-T9S-R1SE
 Duchesne Co, Utah
 API #43-013-32944; Lease #UTU-02458



Well Name: **GMBU H-24-9-15**

43-013-52386

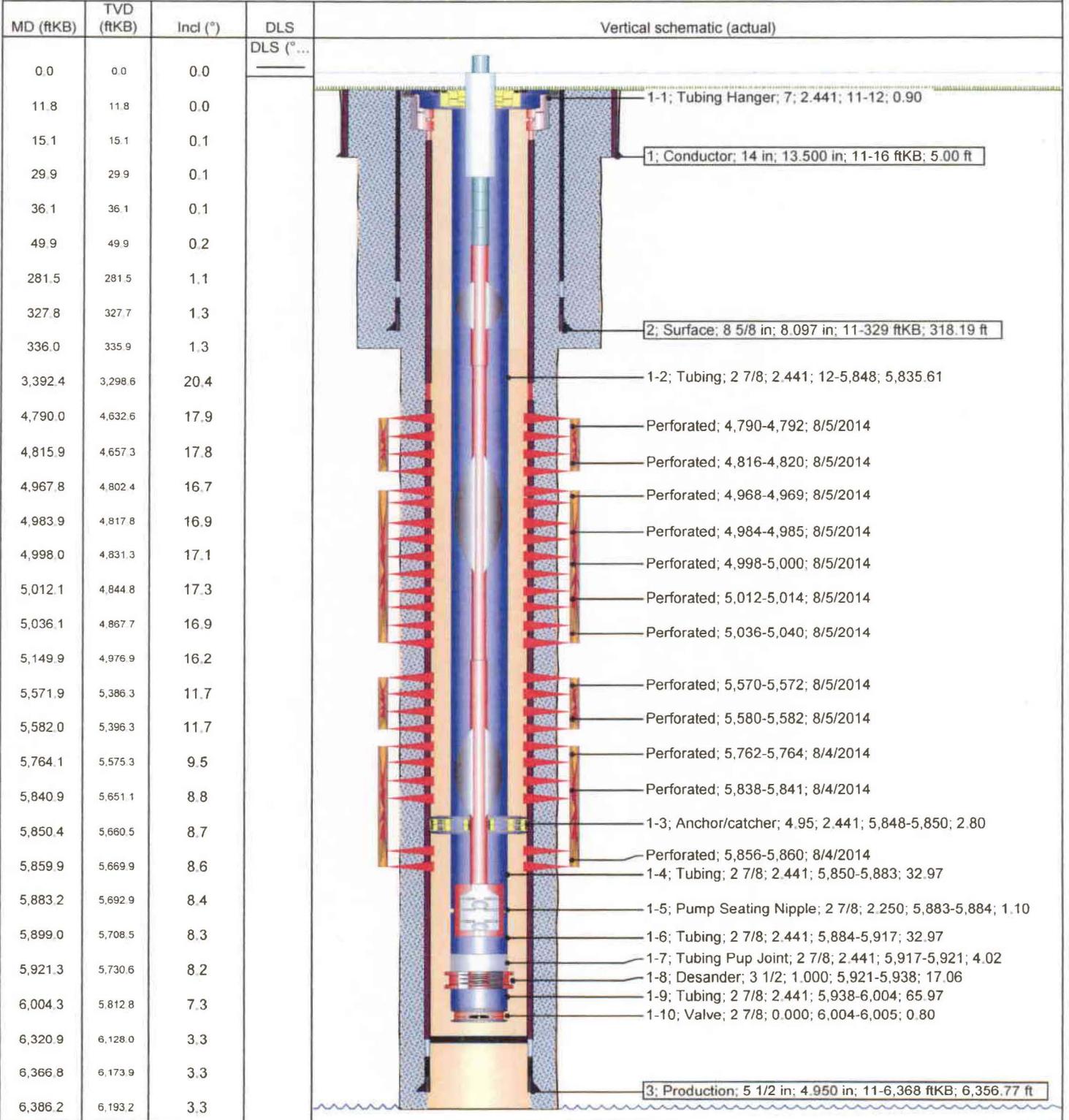
Surface Legal Location NWNE 677 FNL 1759 FEL Sec 24 T9S R15E		API/UWI 43013523860000	Well RC 500366837	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 7/3/2014	Rig Release Date 7/17/2014	On Production Date	Original KB Elevation (ft) 6,199	Ground Elevation (ft) 6,188	Total Depth All (TVD) (ftKB) Original Hole - 6,193.1	PBTD (All) (ftKB) Original Hole - 6,320.9	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 8/4/2014	Job End Date 8/8/2014
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TD: **6,386.0**

Slant - Original Hole, 8/22/2014 9:31:28 AM



Well Name: **GMBU I-24-9-15**

43-013-52387

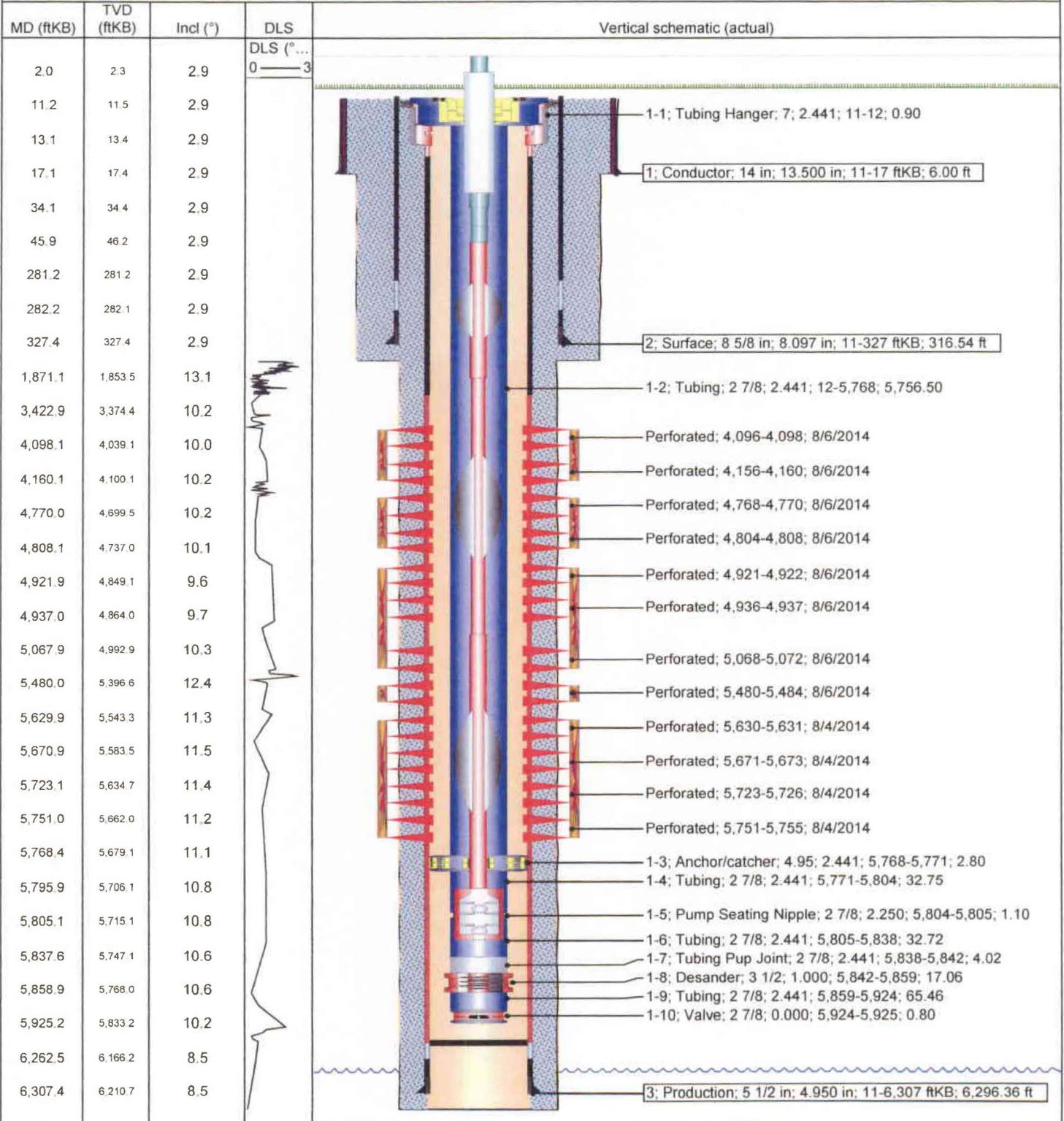
Surface Legal Location NWNE 688 FNL 1741 FEL Sec 24 T9S R15E		API/UWI 43013523870000	Well RC 500366841	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 7/4/2014	Rig Release Date 7/20/2014	On Production Date	Original KB Elevation (ft) 6,199	Ground Elevation (ft) 6,188	Total Depth All (TVD) (ftKB) Original Hole - 6,225.1	PBTD (All) (ftKB) Original Hole - 6,260.8	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 8/4/2014	Job End Date 8/12/2014
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TD: 6,322.0

Slant - Original Hole, 8/22/2014 9:36:53 AM



43-013-52418

Well Name: **GMBU M-24-9-15**

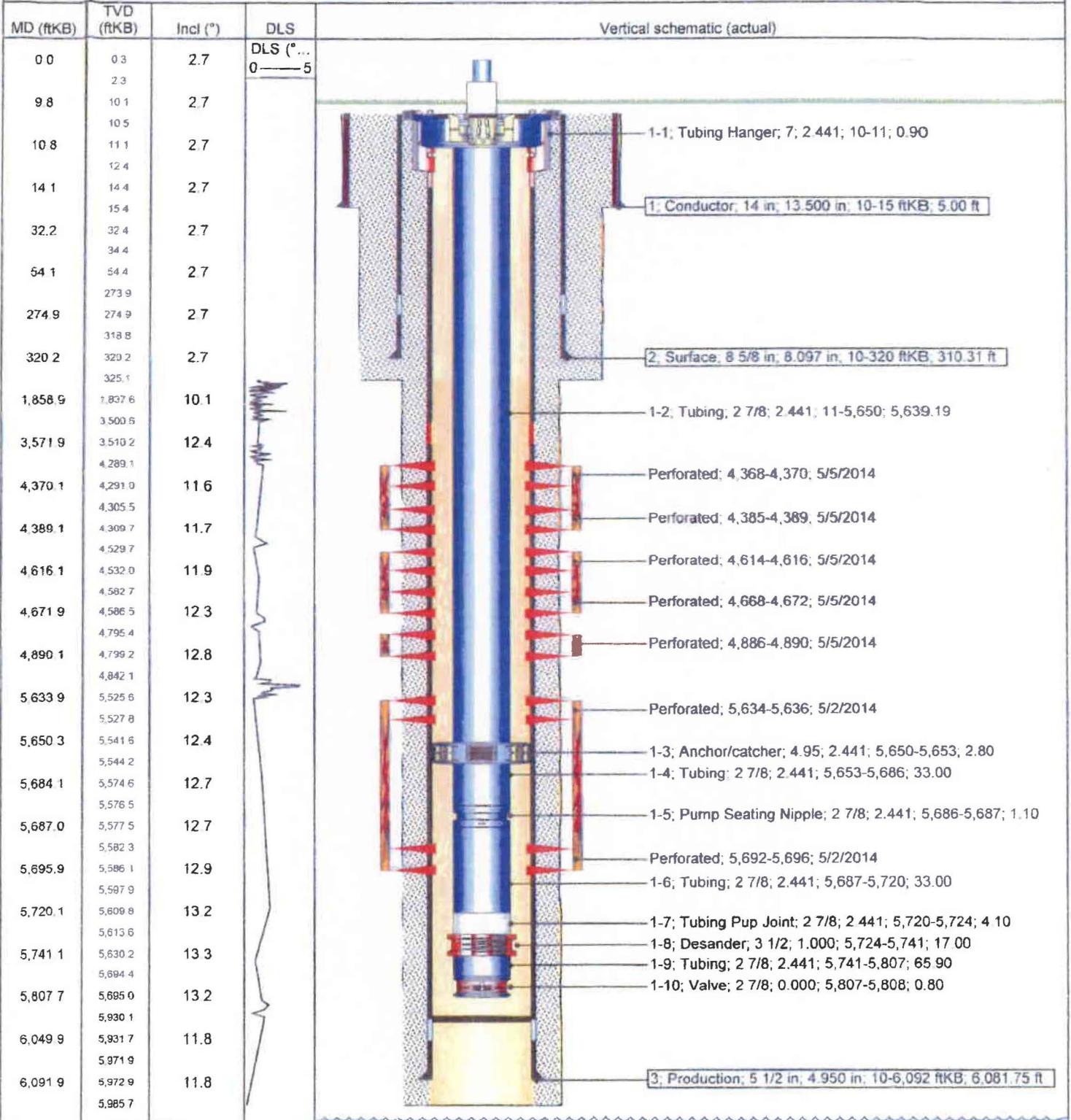
Surface Legal Location SWNE 207th FNL 2071st FEL Sec 24 T9S R15E		API/UWI 43013524180000	Well RC 500346427	Lease UTU02458	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/7/2014	Rig Release Date 4/17/2014	On Production Date	Original KB Elevation (ft) 8,218	Ground Elevation (ft) 6,208	Total Depth All (TVD) (ftKB) Original Hole - 5,985.7	PBTD (All) (ftKB) Original Hole - 6,048.2	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/2/2014	Job End Date 5/8/2014
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TD: **6,105.0**

Stant - Original Hole, 8/17/2014 2:36:57 PM



43-013-52419

Well Name: GMBU L-24-9-15

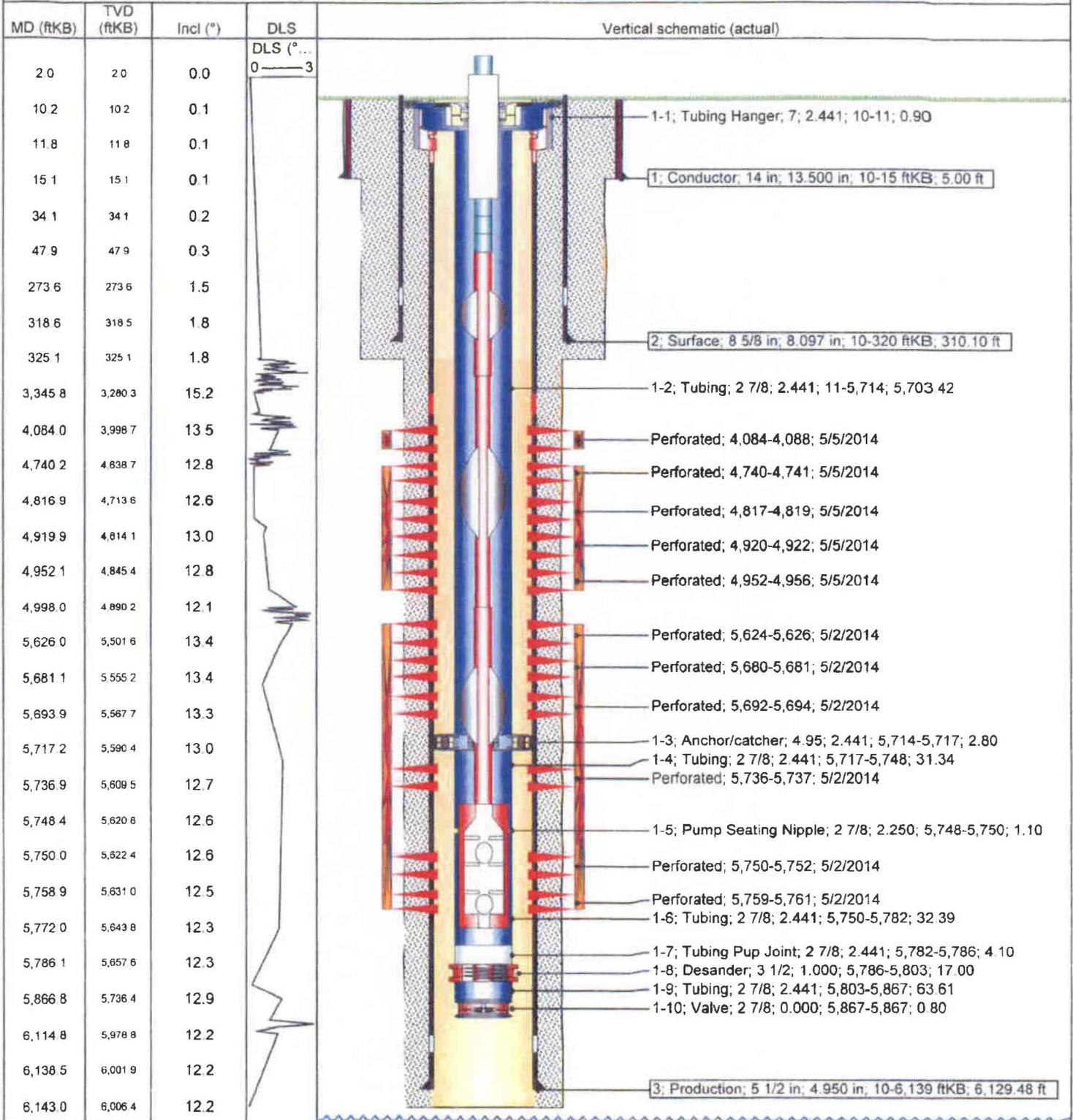
Surface Legal Location SWNE 2096 FNL 2058 FEL Sec 24 T9S R15E		API/UVI 43013524190000	Well RC 500346423	Lease UTU02458	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/8/2014	Rig Release Date 4/20/2014	On Production Date	Original KB Elevation (ft) 6,218	Ground Elevation (ft) 6,208	Total Depth All (TVD) (ftKB) Original Hole - 6,006.3	P&ID (All) (ftKB) Original Hole - 6,114.7	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/2/2014	Job End Date 5/12/2014
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TD: 6,143.0

Slant - Original Hole, 6/17/2014 2:37:31 PM





Schematic

43-013-52420

Well Name: GMBU K-24-9-15

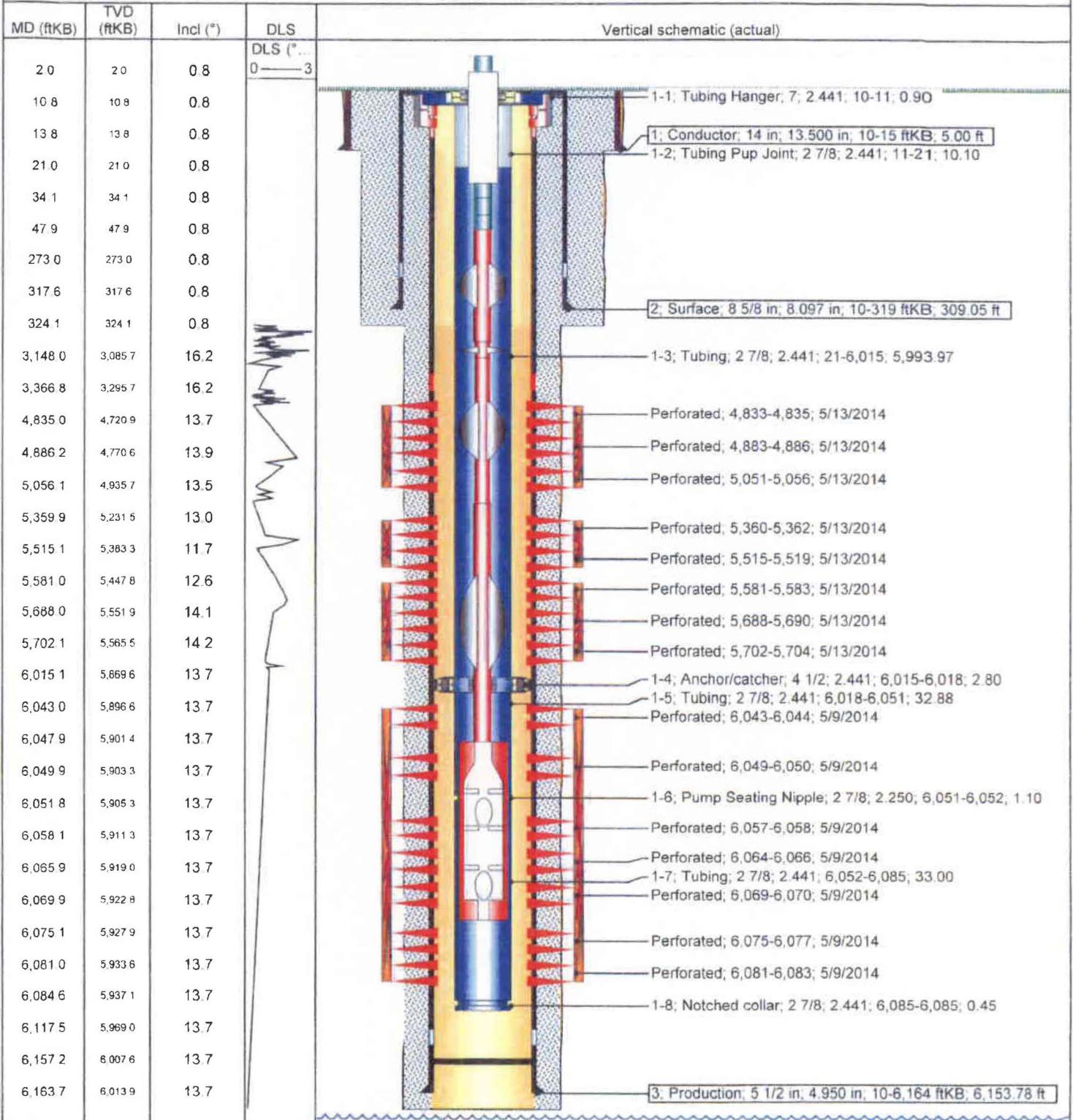
Surface Legal Location SWNW Lot 2 1834 FNL 481 FWL Sec 19 T9S R16E		API/UWI 43013524200000	Well RC 500366861	Lease UTU64379	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/15/2014	Rig Release Date 4/26/2014	On Production Date 5/20/2014	Original KB Elevation (ft) 6,194	Ground Elevation (ft) 6,184	Total Depth All (TVD) (ftKB) Original Hole - 6,018.1	PBD (All) (ftKB) Original Hole - 6,157.0	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/9/2014	Job End Date 5/20/2014
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TD: 6,168.0

Slant - Original Hole, 6/24/2014 12:06:21 PM



43-013-52421

Well Name: GMBU J-24-9-15

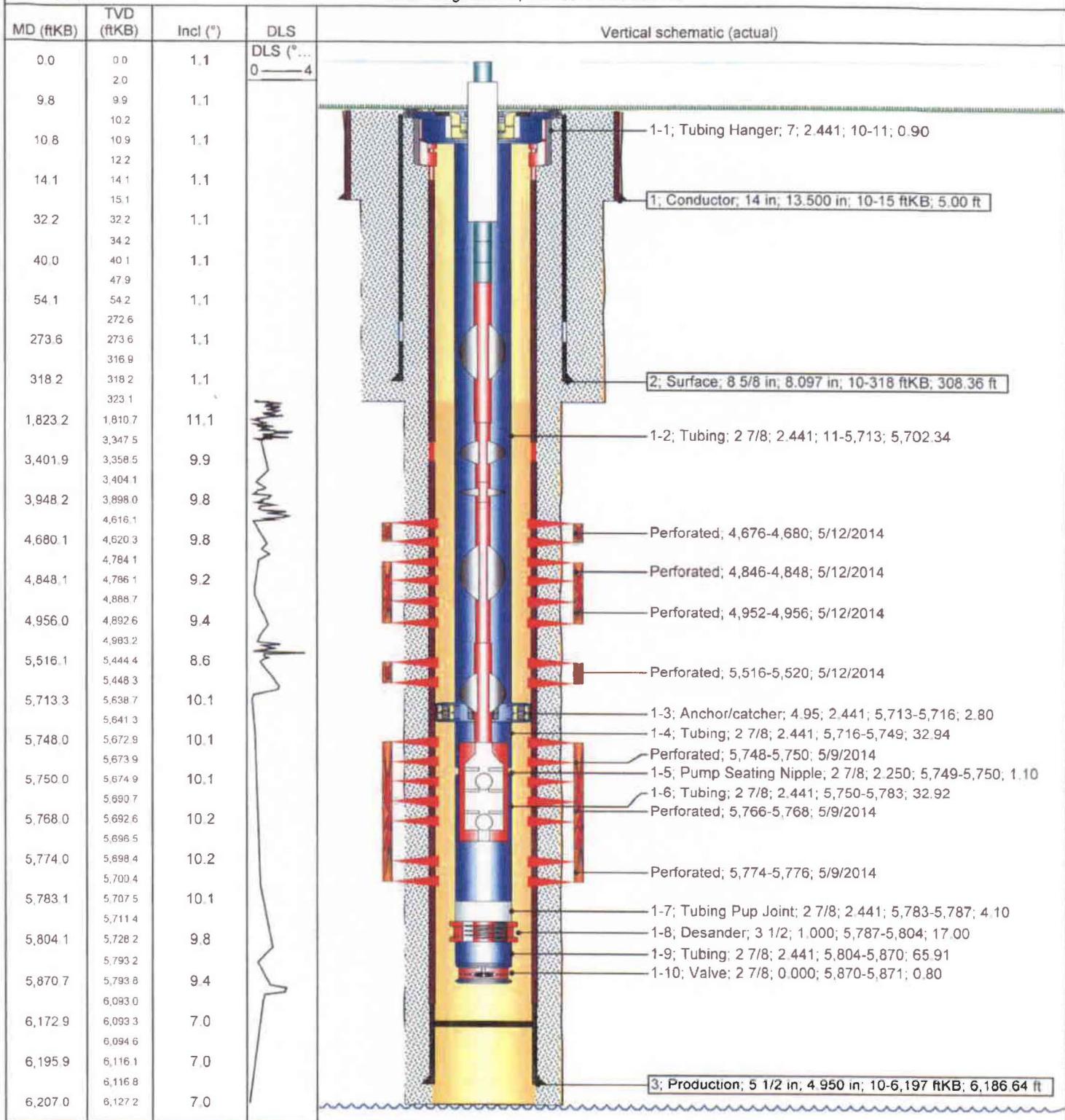
Surface Legal Location SWNW Lot 2 1831 FNL 502 FWL Sec 19 T9S R16E		API/UWI 43013524210000	Well RC 500366851	Lease UTU64379	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 4/14/2014	Rig Release Date 4/23/2014	On Production Date	Original KB Elevation (ft) 6,194	Ground Elevation (ft) 6,184	Total Depth All (TVD) (ftKB) Original Hole - 6,127.2	PBD (All) (ftKB) Original Hole - 6,172.9	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 5/9/2014	Job End Date 5/15/2014
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TD: 6,207.0

Slant - Original Hole, 6/24/2014 12:14:18 PM



Well Name: GMBU B-24-9-15

43-013-52469

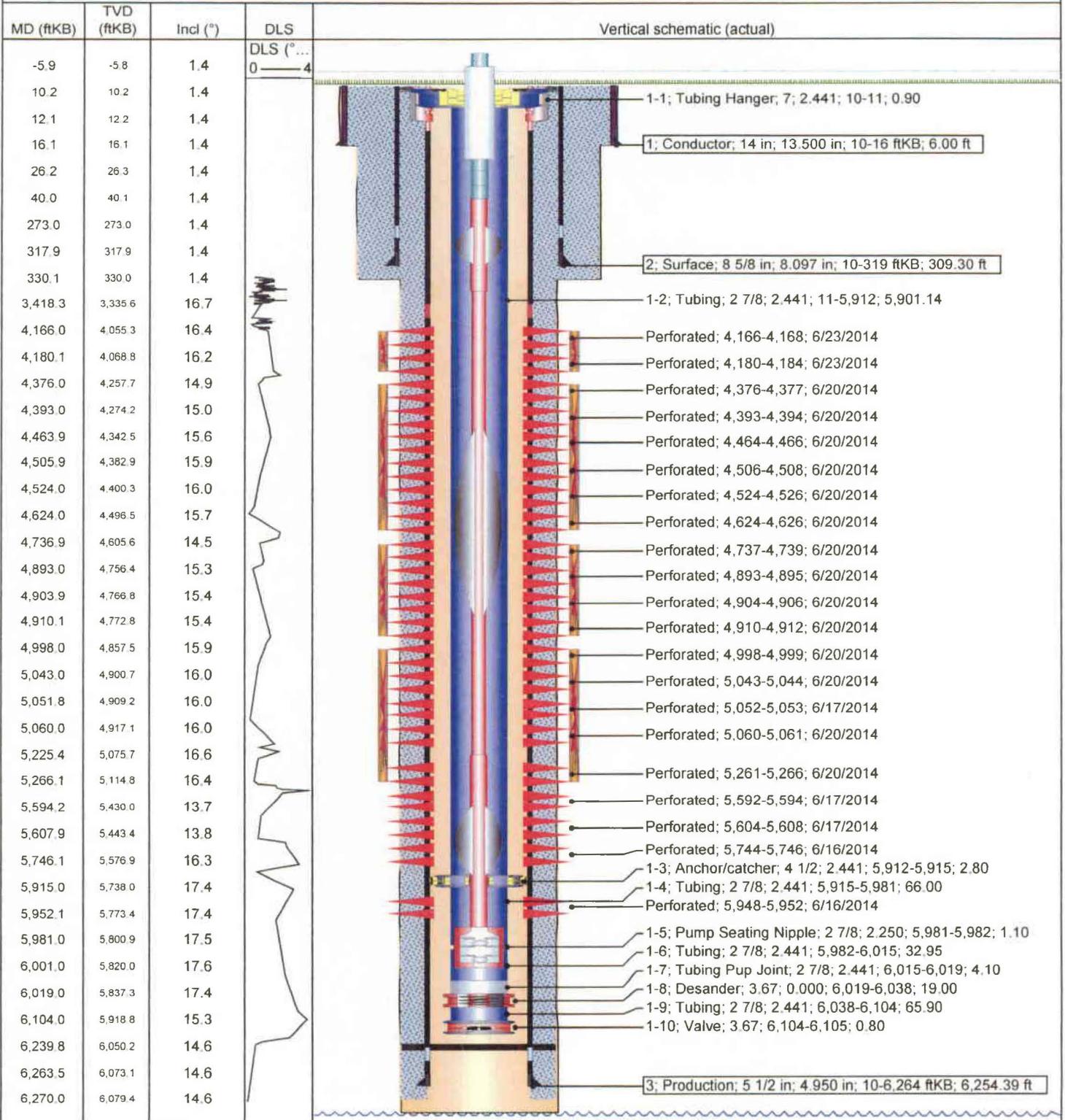
Surface Legal Location SWSE 555 FSL 2034 FEL Sec 13 T9S R15E		API/UWI 43013524690000	Well RC 500366601	Lease UTU68548	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 5/16/2014	Rig Release Date 5/29/2014	On Production Date 7/1/2014	Original KB Elevation (ft) 6,154	Ground Elevation (ft) 6,144	Total Depth All (TVD) (ftKB) 6,274.0	PBTD (All) (ftKB) Original Hole - 6,239.7	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 6/16/2014	Job End Date 7/1/2014
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TD: 6,274.0

Slant - Original Hole, 8/22/2014 9:29:06 AM



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

Water Analysis Report

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

Sample ID: **WA-53130**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	Cations			Anions
Temperature (°F):	100	Calcium (Ca):	34.57		Chloride (Cl):
Sample Pressure (psig):		Magnesium (Mg):	18.40		Sulfate (SO ₄):
Specific Gravity (g/cm ³):	1.0017	Barium (Ba):	7.62		Dissolved CO ₂ :
pH:	7.98	Strontium (Sr):	-		Bicarbonate (HCO ₃):
Turbidity (NTU):	-	Sodium (Na):	2218.00		Carbonate (CO ₃):
		Potassium (K):	-		H ₂ S:
Calculated T.D.S. (mg/L)	6217	Iron (Fe):	0.32		Phosphate (PO ₄):
Molar Conductivity (µS/cm):	9420	Manganese (Mn):	0.02		Silica (SiO ₂):
Resitivity (Mohm):	1.0616	Lithium (Li):	-		Fluoride (F):
		Aluminum (Al):	-		Nitrate (NO ₃):
		Ammonia NH ₃ :	-		Lead (Pb):
					Zinc (Zn):
					Bromine (Br):
					Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

Conclusions:

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

Notes:

2014



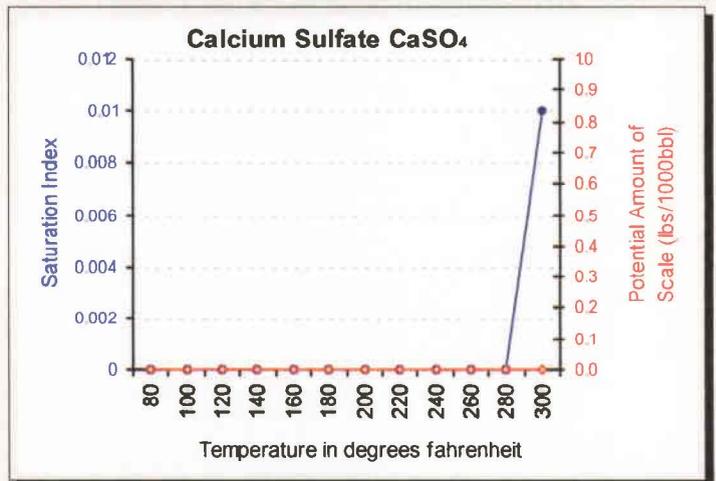
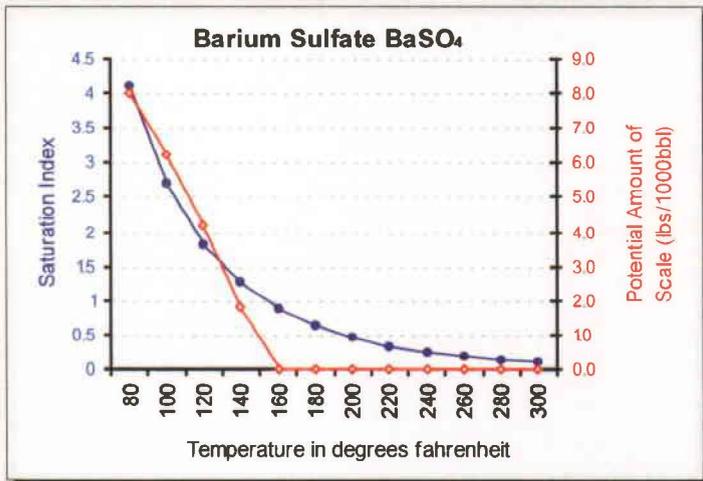
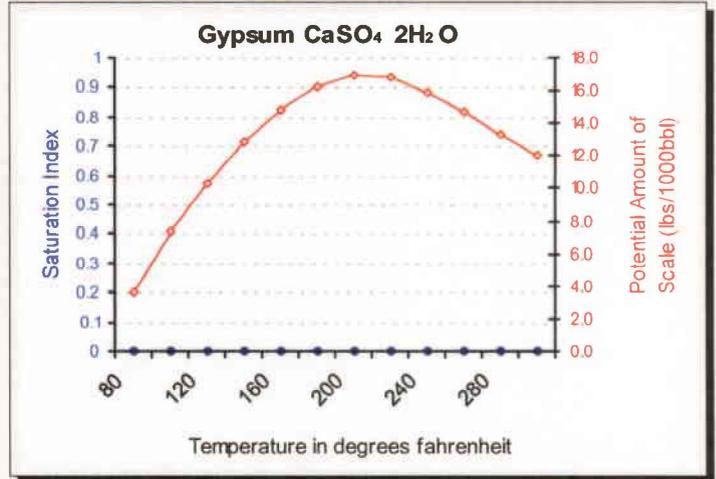
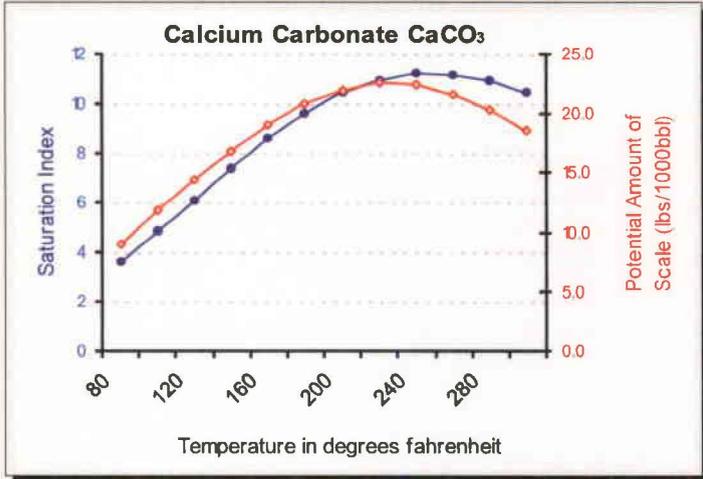
Multi-Chem Group, LLC
 Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**



3054



Multi-Chem Group, LLC

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

multi-chem®

Water Analysis Report

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

Sample ID: **WA-58631**

Well Name: **Ashley Federal 8-24-9-15**

Sample Point: **Treater**

Sample Date: **5 /16/2011**

Sales Rep: **Darren Betts**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0090
pH:	8.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	14084
Molar Conductivity (µS/cm):	21339
Resitivity (Mohm):	0.4686

Analysis @ Properties in Sample Specifics					
Cations		mg/L	Anions		mg/L
Calcium (Ca):		5.60	Chloride (Cl):		7000.00
Magnesium (Mg):		1.10	Sulfate (SO₄):		42.00
Barium (Ba):		2.70	Dissolved CO₂:		-
Strontium (Sr):		-	Bicarbonate (HCO₃):		1836.00
Sodium (Na):		5195.00	Carbonate (CO₃):		-
Potassium (K):		-	H₂S:		0.50
Iron (Fe):		0.60	Phosphate (PO₄):		-
Manganese (Mn):		0.02	Silica (SiO₂):		-
Lithium (Li):		-	Fluoride (F):		-
Aluminum (Al):		-	Nitrate (NO₃):		-
Ammonia NH₃:		-	Lead (Pb):		-
			Zinc (Zn):		-
			Bromine (Br):		-
			Boron (B):		-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
70		3.21	7.24	0.00	-2634.30	0.00	-3032.20	-	-	6.85	3.89	0.11
80	0	3.67	7.44	0.00	-2659.20	0.00	-2988.10	-	-	5.45	3.71	0.03
100	0	4.39	7.40	0.00	-2678.50	0.00	-2812.40	-	-	3.68	3.30	0.05
120	0	4.78	7.06	0.00	-2485.60	0.00	-2551.70	-	-	2.65	2.80	0.05
140	0	4.89	6.72	0.00	-2290.40	0.00	-2243.50	-	-	1.93	2.16	0.06
160	0	4.75	6.44	0.00	-2128.50	0.00	-1920.40	-	-	1.43	1.34	0.07
180	0	4.43	6.24	0.00	-1994.70	0.00	-1607.00	-	-	1.07	0.30	0.08
200	0	4.00	6.09	0.00	-1884.90	0.00	-1319.30	-	-	0.81	-1.01	0.09
220	2.51	3.51	5.93	0.00	-1816.70	0.00	-1078.10	-	-	0.60	-2.77	0.09
240	10.3	3.04	5.67	0.00	-1746.80	0.00	-859.72	-	-	0.46	-4.84	0.10
260	20.76	2.60	5.27	0.00	-1692.20	0.00	-676.95	-	-	0.35	-7.36	0.10
280	34.54	2.20	4.67	0.00	-1651.40	0.00	-527.03	-	-	0.27	-10.43	0.11
300	52.34	1.85	3.84	0.00	-1623.70	0.00	-406.09	-	-	0.21	-14.14	0.11

Conclusions:

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

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

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Notes:

P=1.4

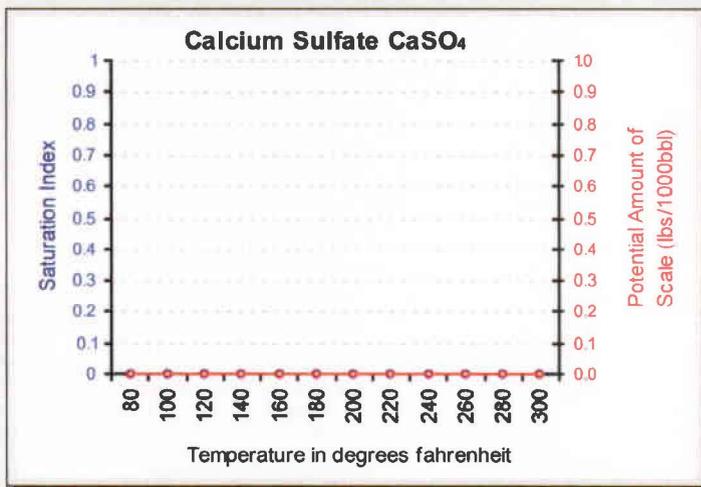
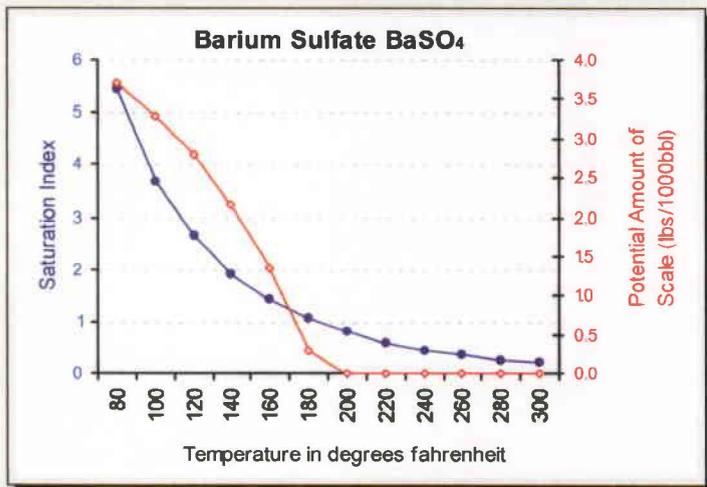
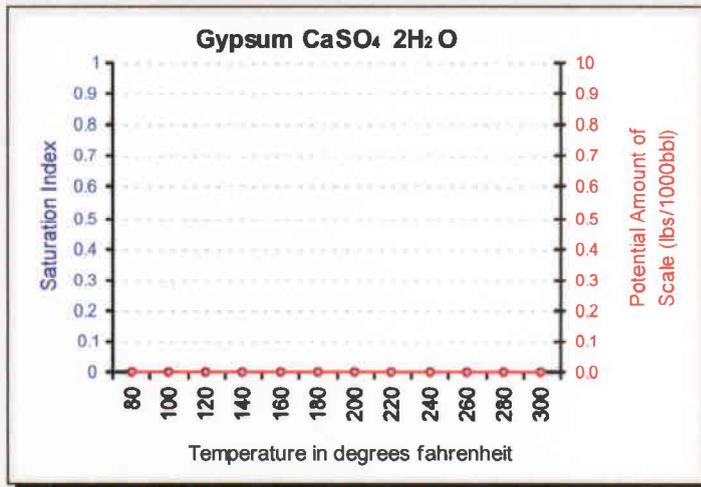
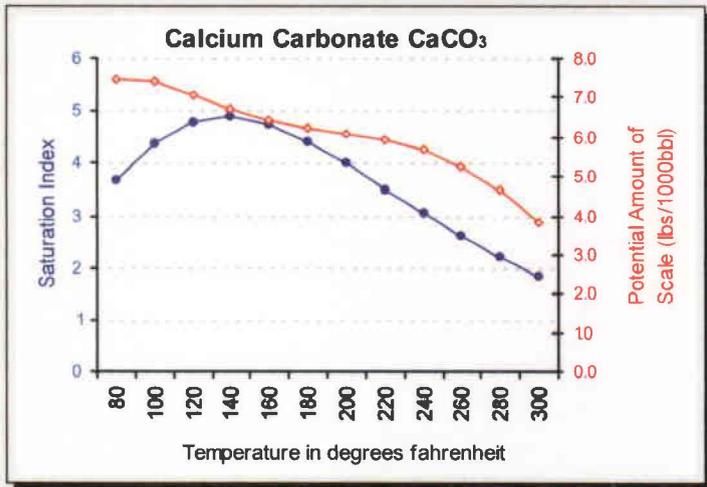


Multi-Chem Group, LLC
 Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Ashley Federal 8-24-9-15**

Sample ID: **WA-58631**



Attachment "G"

**AshleyFederal #8-24-9-15
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5257	5272	5265	2475	0.90	2441
4960	4972	4966	1950	0.83	1918
4682	4750	4716	1750	0.81	1720 ←
4572	4586	4579	2025	0.88	1995
				Minimum	<u>1720</u>

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

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

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



1 of 8

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 Report Date: 8-17-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 5931' Csg PBTD: 5829'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes entry for LODC sds at 5257-5272' with 4/60 SPF/#shots.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Aug-06 SITP: SICIP: 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 @ 5829' & cement top @ 350'. Perforate stage #1, LODC sds @ 5257-5272' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total of 60 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

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

COSTS

Table listing costs: Weatherford BOP (\$450), NPC NU crew (\$300), NDSI trucking (\$800), Perforators LLC (\$6,007), Drilling cost (\$297,129), Zubiata Hot Oil (\$420), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC Supervisor (\$300).

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: \$311,406
TOTAL WELL COST: \$311,406

NEWFIELD



ATTACHMENT G-1

2 of 8

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 **Report Date:** August 30, 2006 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 5931' **Csg PBTD:** 5829'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5257-5272'	4/60			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Aug-06 **SITP:** _____ **SICP:** 22 psi

Day 2a.

RU BJ Services. 22 psi on well. Frac LODC sds w/ 40,499#'s of 20/40 sand in 430 bbls of Lightning 17 fluid. Broke @ 2286 psi Treated w/ ave pressure of 2365 psi @ ave rate of 25 BPM. ISIP 2475 psi. Leave pressure on well. 57C BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 **Starting oil rec to date:** _____
Fluid lost/recovered today: 430 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 570 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: LODC sands

- _____ 3900 gals of pad
- _____ 2856 gals W/ 1-4 ppg of 20/40 sand
- _____ 5640 gals W/ 4-6.5 ppg of 20/40 sand
- _____ 414 gals W/ 6.5 ppg of 20/40 sand
- _____ Flush W/ 504 gals of 15% HCL acid
- _____ Flush W/ 4746 gals of slick water

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

Max TP: 2570 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 430 bbls
Avg TP: 2365 **Avg Rate:** 25 BPM **Total Prop pmpd:** 40,499#'s
ISIP: 2475 **5 min:** _____ **10 min:** _____ **FG:** .90

Completion Supervisor: Orson Barney

COSTS

BJ Services-LODC	\$24,298
NPC frac wtr	\$778
NPC fuel gas	\$135
Weatherford tools/serv	\$950
NPC trucking	\$300
NPC Supervisor	\$75

DAILY COST: \$26,536
TOTAL WELL COST: \$337,942



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 **Report Date:** August 30,2006 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 5931' **Csg PBTD:** 5829'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5070'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
<u>A1 sds</u>	<u>4960- 4972'</u>	<u>4/48</u>	_____	_____	_____
<u>LODC sds</u>	<u>5257-5272'</u>	<u>4/60</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Aug-06 **SITP:** _____ **SICP:** 1690 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 12' perf gun. Se plug @ 5070'. Perforate A1 sds @ 4960- 72' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 48 shots. RU BJ Services. 1690 psi on well. Frac A1 sds w/ 70,637#'s of 20/40 sand in 522 bbls of Lightning 17 fluid Broke @ 2187 psi Treated w/ ave pressure of 1895 psi @ ave rate of 25 BPM. ISIP 1950 psi. Leave pressure or well. 1092 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 570 **Starting oil rec to date:** _____
Fluid lost/recovered today: 522 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1092 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: A1 sands

- _____ 5400 gals of pad
- _____ 3625 gals W/ 1-5 ppg of 20/40 sand
- _____ 6498 gals W/ 5-8 ppg of 20/40 sand
- _____ 1445 gals W/ 8 ppg of 20/40 sand
- _____ Flush W/ 504 gals of 15% HCL acid
- _____ Flush W/ 4444 gals of slick water

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

Max TP: 2230 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 522 bbls
Avg TP: 1895 **Avg Rate:** 25 BPM **Total Prop pmpd:** 70,637#'s
ISIP: 1950 **5 min:** _____ **10 min:** _____ **FG:** .83

Completion Supervisor: Orson Barney

COSTS

BJ Services-A1	\$21,458
NPC frac wtr	\$1,383
NPC fuel gas	\$240
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$4,248
NPC Supervisor	\$75
_____	_____
_____	_____
_____	_____
_____	_____

DAILY COST: \$29,854
TOTAL WELL COST: \$367,796



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 **Report Date:** August 30, 2006 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 5931' **Csg PBTD:** 5829'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4850'
BP: 5070'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4682- 4687'	4/20			
C sds	4744- 4750'	4/24			
A1 sds	4960- 4972'	4/48			
LODC sds	5257-5272'	4/60			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Aug-06 **SITP:** _____ **SICP:** 1490 psi

Day 2c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 6' & 5' perf gun. Se plug @ 4850'. Perforate C sds @ 4744- 50', D3 sds @ 4682- 87' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 44 shots. RU BJ Services. 1490 psi on well. Frac C & D3 sds w/ 34,614#'s of 20/40 sand in 374 bbls of Lightning 17 fluid. Broke @ 3068 psi Treated w/ ave pressure of 2035 psi @ ave rate of 24.9 BPM. ISIP 1750 psi Leave pressure on well. 1466 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1092 **Starting oil rec to date:** _____
Fluid lost/recovered today: 374 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1466 **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: C & D3 sands

COSTS

BJ Services-C & D3	\$14,411
NPC frac wtr	\$692
NPC fuel gas	\$120
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$3,894
NPC Supervisor	\$75

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
 425 gals W/ 6.5 ppg of 20/40 sand
 Flush W/ 504 gals of 15% HCL acid
 Flush W/ 4162 gals of slick water

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

Max TP: 2280 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 374 bbls
Avg TP: 2035 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 34,614#'s
ISIP: 1750 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Orson Barney

DAILY COST: \$21,642
TOTAL WELL COST: \$389,438



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 **Report Date:** August 30, 2006 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 5931' **Csg PBDT:** 5829'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4640'
BP: 4850', 5070'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>D1 sds</u>	<u>4572- 4586'</u>	<u>4/56</u>	_____	_____	_____
<u>D3 sds</u>	<u>4682- 4687'</u>	<u>4/20</u>	_____	_____	_____
<u>C sds</u>	<u>4744- 4750'</u>	<u>4/24</u>	_____	_____	_____
<u>A1 sds</u>	<u>4960- 4972'</u>	<u>4/48</u>	_____	_____	_____
<u>LODC sds</u>	<u>5257-5272'</u>	<u>4/60</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Aug-06 **SITP:** _____ **SICP:** 1486 psi

Day 2d. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 14' per gun. Set plug @ 4640'. Perforate D1 sds @ 4572- 86' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for tota of 56 shots. RU BJ Services. 1486 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bai acid. RU BJ Services. 1220 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid RU BJ Services. 1020 psi on well. Frac D1 sds w/ 75,771#'s of 20/40 sand in 562 bbls of Lightning 17 fluid. Broke @ 4270 psi Treated w/ ave pressure of 1955 psi @ ave rate of 25 BPM. ISIP 2025 psi. Begin immediate flowback or 12/64 choke@ 1 BPM. Flowed for 5 hrs & died. Rec 291 BTF (16% of total frac load). SIWFN w/ 1737 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1466 **Starting oil rec to date:** _____
Fluid lost/recovered today: 271 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1737 **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: D1 sands

5800 gals of pad
3944 gals W/ 1-5 ppg of 20/40 sand
7872 gals W/ 5-8 ppg of 20/40 sand
1536 gals W/ 8 ppg of 20/40 sand
Flush W/ 4440 gals of slick water

Max TP: 2280 **Max Rate:** 25.4 BPM **Total fluid pmpd:** 562 bbls
Avg TP: 1955 **Avg Rate:** 25 BPM **Total Prop pmpd:** 75,771#'s
ISIP: 2025 **5 min:** _____ **10 min:** _____ **FG:** .88

Completion Supervisor: Orson Barney

COSTS

<u>BJ Services-D1</u>	<u>\$18,093</u>
<u>NPC frac wtr</u>	<u>\$1,469</u>
<u>NPC fuel gas</u>	<u>\$255</u>
<u>Weatherford tools/serv</u>	<u>\$2,450</u>
<u>Lone Wolf WL</u>	<u>\$4,955</u>
<u>NPC Supervisor</u>	<u>\$75</u>
<u>NPC flowback hand</u>	<u>\$300</u>
<u>NPC wtr transfer</u>	<u>\$400</u>
<u>Unichem chemicals</u>	<u>\$350</u>
<u>NPC sfc equipment</u>	<u>\$130,000</u>
<u>Monks pit reclaim</u>	<u>\$1,800</u>
<u>Mt West sanitation</u>	<u>\$550</u>
<u>NDSI wtr disposal</u>	<u>\$3,000</u>
DAILY COST:	<u>\$163,697</u>
TOTAL WELL COST:	<u>\$553,135</u>



6 of 8

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 Report Date: August 31, 2006 Day: 3
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 5931' Csg PBTD: 5829'WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 3936' BP/Sand PBTD: 4640'
BP: 4850', 5070'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include D1 sds, D3 sds, C sds, A1 sds, and LODC sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 30-Aug-06 SITP: SICP: 50 psi

MIRUSU. Open well w/ 50 psi on casing. RD Cameron BOP & 5M frac head. Instal 3M production head & Schaeffer BOP's. RU 4-3/4" (Used) Chomp bit & bit sub. Tally & TIH w/ 124 jts of 2-7/8", J-55, 6.5# new tbg. EOT @ 3936'. RU pump & tank & circulate well clean. Rec 24 BTF. SIWFN w/ 1713 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1737 Starting oil rec to date:
Fluid lost/recovered today: 24 Oil lost/recovered today:
Ending fluid to be recovered: 1713 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:

Table with 2 columns: Item, Cost. Items include Western #2, Weatherford BOP, NPC trucking, NDSI wtr & trkg, Mecham labor/welding, NDSI trkg, B & L new J-55 tbg, NPC location cleanup, NPC Supervisor.

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Completion Supervisor: Orson Barney

DAILY COST: \$53,097
TOTAL WELL COST: \$606,232



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 Report Date: Sept. 1, 2006 Day: 4
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 5931' Csg PBTD: 5910'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5805' BP/Sand PBTD: 5876'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4572- 4586'	4/56			
D3 sds	4682- 4687'	4/20			
C sds	4744- 4750'	4/24			
A1 sds	4960- 4972'	4/48			
LODC sds	5257-5272'	4/60			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Aug-06 SITP: 0 SICP: 0

Con't Talley, PU & RIH w/ tbg. Tagged sand @ 4623'. RU Weatherford power swivel. Circulate sand & drill out plugs. Sand @ 4623', 1st plug @ 4640'. No sand, 2nd plug @ 4850'. Sand @ 4967', 3rd plug @ 5070'. Sand @ 5732', C/O to 5869' (lack 41' f/ PBTD @ 5910'. Circ hole clean W/ no fluid loss. RD power swivel. LD 2 jts of tbg. EOT @ 5805'. RU swab equipment. IFL Surface. Made 16 swab runs, FFL 1200'. Rec.176 BTF. Trace oil, No sand RD swab. SIWFN w/ 1537 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1713 Starting oil rec to date:
Fluid lost/recovered today: 176 Oil lost/recovered today:
Ending fluid to be recovered: 1537 Cum oil recovered:
IFL: sfc FFL: 1200' FTP: Choke: Final Fluid Rate: Final oil cut: tr

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Western #2	\$5,145
Weatherford BOP	\$240
NPC trucking	\$300
CDI TA	\$525
CDI SN	\$80
NDSI trucking	\$300
Monks pit reclaim	\$1,800
Weatherford swivel	\$850
NPC Supervisor	\$300

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

Completion Supervisor: Orson Barney

DAILY COST: \$9,540
TOTAL WELL COST: \$615,772

NEWFIELD



ATTACHMENT G-1
8 of 8

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 8-24-9-15 **Report Date:** Sept. 2, 2006 **Day:** 5
Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 5931' **Csg PBTD:** 5910'
Tbg: **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5240' **BP/Sand PBTD:** 5876'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4572- 4586'	4/56			
D3 sds	4682- 4687'	4/20			
C sds	4744- 4750'	4/24			
A1 sds	4960- 4972'	4/48			
LODC sds	5257-5272'	4/60			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 1, 2006 **SITP:** 250 **SICP:** 300

Bleed gas off well. TIH W/ tbg. Tag sd @ 5847' (29' new fill). C/O sd to 5876'. Circ hole clean. Lost est 35 BW & rec 20 BO. LD excess tbg. TOI W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 165 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5240' W/ SN @ 5274' & EOT @ 5339'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrappered rods, 94-3/4" plain rods, 99-3/4" scrappered rods 1-8', 1-6', 2-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22" polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1572 BWTR.
Place well on production @ 6:00 PM 9/1/2006 W/ 86" SL @ 5 SPM.
FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1537 **Starting oil rec to date:** _____
Fluid lost/recovered today: 35 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1572 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut: tr**

TUBING DETAIL		ROD DETAIL		COSTS	
				Western #2	\$4,880
KB	12.00'		1 1/2" X 22' polished rod	Weatherford BOP	\$240
165	2 7/8 J-55 tbg (5227.99')		1-8', 1-6', 2-4' & 1-2' X 3/4" ponies	D & M HO trk	\$950
	TA (2.80' @ 5239.99' KB)		99-3/4" scrappered rods	NPC trucking	\$300
1	2 7/8 J-55 tbg (31.74')		94-3/4" plain rods	CDI rod pump	\$1,400
	SN (1.10' @ 5274.53' KB)		10-3/4" scrappered rods	"B" grade rod string	\$10,500
2	2 7/8 J-55 tbg (63.37')		6-1 1/2" weight rods	NPC frac tks(6X5 dys)	\$1,200
	2 7/8 NC (.45')		CDI 2 1/2" X 1 1/2" X 15'	NPC swb tk (3 days)	\$120
EOT	5339.45' W/ 12' KB		RHAC pump W/ SM plunger	NPC frac head	\$500
				NPC supervision	\$300

DAILY COST: \$20,390

TOTAL WELL COST: \$636,162

Completion Supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4520'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 182' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 371'
6. Plug #4 Circulate 105 sx Class "G" cement down 5 ½" and up the 5 ½" x 8 5/8" annulus

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

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
 Put on Production: 9-1-06
 GL: 6201' KB: 6213'

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 (309.21')
 DEPTH LANDED: 321.06' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Casing Shoe @ 321'
 Cement top @ 350'

Circulate 105 sx Class "G" Cement down 5-1/2" casing and up the 5 1/2" x 8 5/8" annulus
 Perforate 4 JSPF @ 371'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5918.43')
 DEPTH LANDED: 5931.68' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 350'

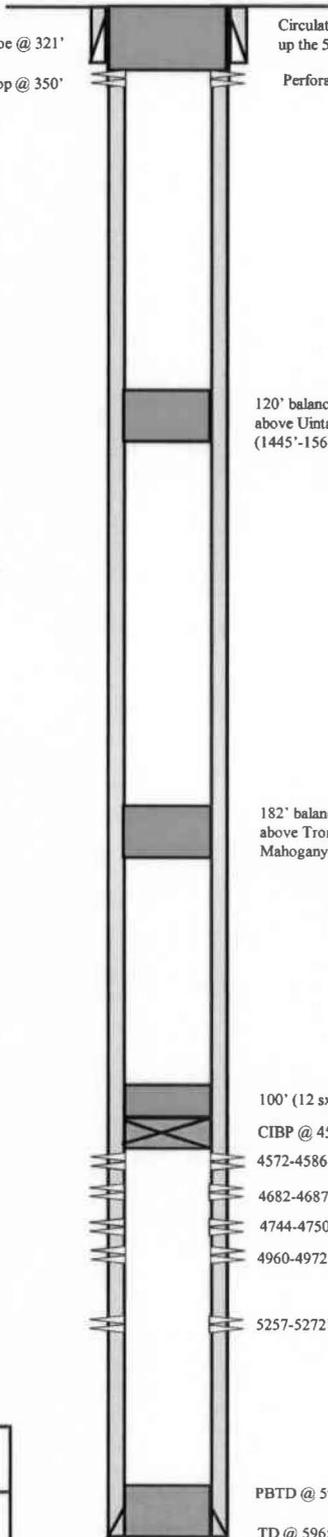
120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1445'-1565')

182' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2745'-2927')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4522'
 4572-4586'
 4682-4687'
 4744-4750'
 4960-4972'
 5257-5272'

PBTD @ 5910'
 TD @ 5965'



NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL
 SE/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32818; Lease # UTU-02458

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

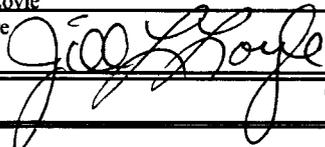
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-02458
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2130 FNL 584 FEL SENE Section 24 T9S R15E		8. Well Name and No. ASHLEY FEDERAL 8-24-9-15
		9. API Well No. 4301332818
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 11/17/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)