

NEWFIELD



July 15, 2005

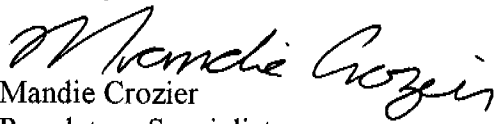
State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 1-27-9-15, 2-27-9-15, 3-27-9-15, 5-27-9-15, 6-27-9-15, and 7-27-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 2-27-9-15 and 7-27-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
JUL 18 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-027345

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 2-27-9-15

9. API Well No.
43-013-32834

10. Field and Pool, or Exploratory
Monument Butte Castle Peak 75

11. Sec., T., R., M., or Blk. and Survey or Area
NW/NE Sec. 27, T9S R15E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/NE 938' FNL 2087' FEL 566950X 40.00664
At proposed prod. zone 4428579Y -110.21562

14. Distance in miles and direction from nearest town or post office*
Approximatley 17.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 382' f/lse, 2902' f/unit
Approx. 1607'

16. No. of Acres in lease
280.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1607'

19. Proposed Depth
5975'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6563' GL

22. Approximate date work will start*
4th Quarter 2005

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

24. Attachments

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

- 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 7/15/05

Title Regulatory Specialist

Approved by *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 07-20-05

Title ENVIRONMENTAL SCIENTIST III

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

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

*(Instructions on reverse)

**Federal Approval of this
Action is Necessary**

RECEIVED

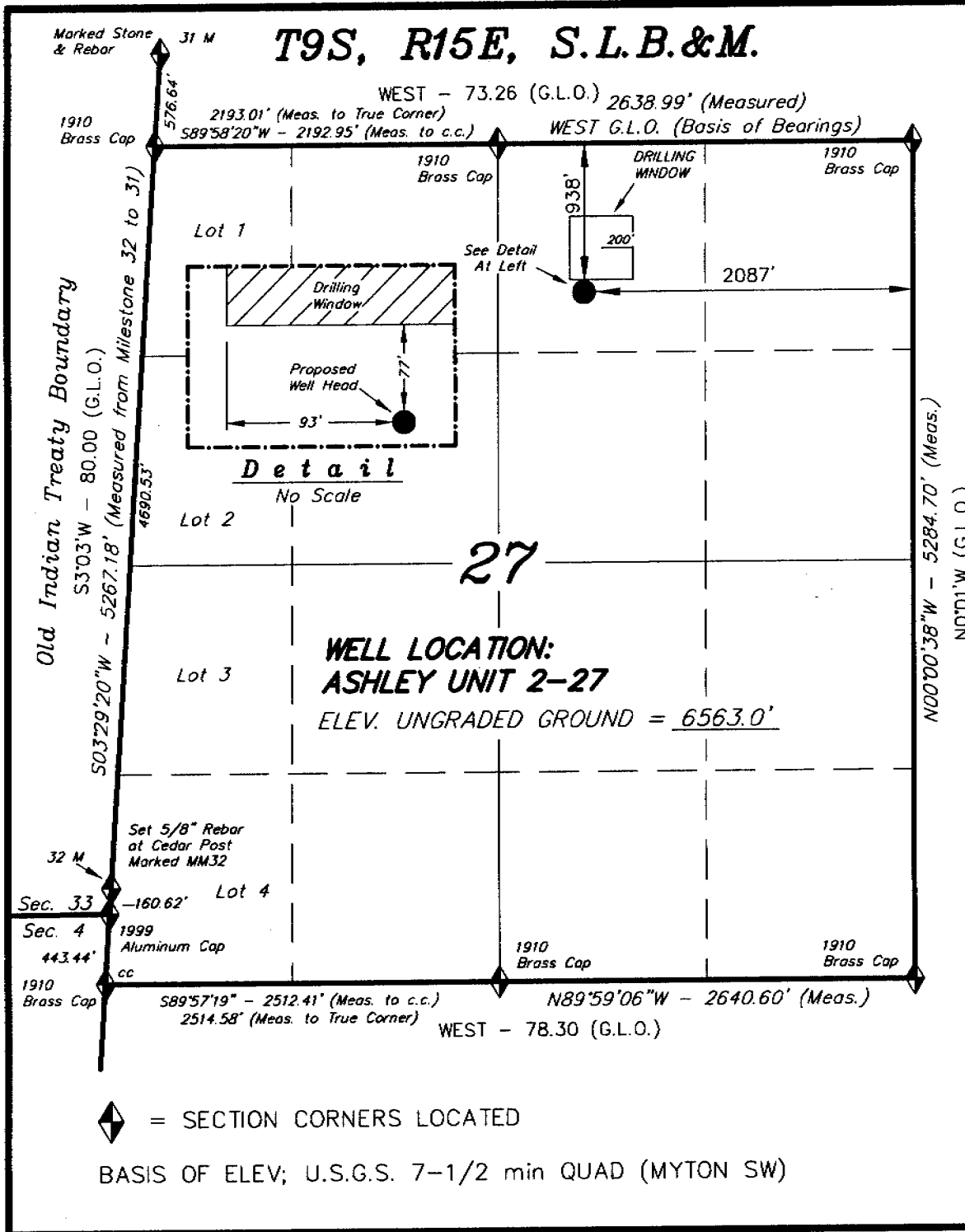
JUL 18 2005

DIV. OF OIL, GAS & MINING

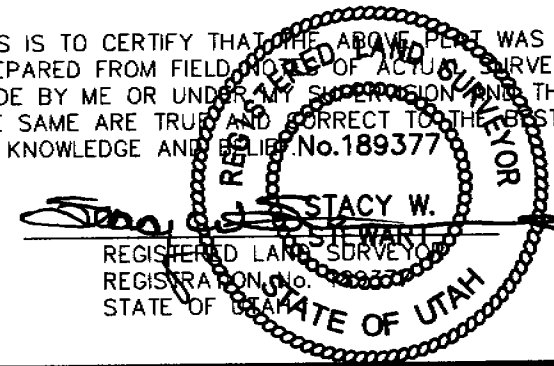
T9S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 2-27,
 LOCATED AS SHOWN IN THE NW 1/4 NE
 1/4 OF SECTION 27, T9S, R15E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 5-3-05	DRAWN BY: F.T.M.
NOTES:	FILE #

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

NEWFIELD PRODUCTION COMPANY
ASHLEY FEDERAL #2-27-9-15
NW/NE SECTION 27, 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' - 2430'
Green River	2430'
Wasatch	5975'

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

Green River Formation 2430' - 5975' - 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 #2-27-9-15
NW/NE SECTION 27, 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 #2-27-9-15 located in the NW 1/4 NE 1/4 Section 27, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 13.1 miles \pm to it's junction with an existing two track road to be upgraded; proceed southwesterly and then southeasterly - 4,200' \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road 1,130' \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 #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Ashley Federal #2-27-9-15 Newfield Production Company requests 860' of disturbed area be granted in Lease UTU-66185 and 270' of disturbed area be granted in Lease UTU-027345 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2950' of disturbed area be granted in Lease UTU-66185, and 2730' of disturbed area be granted in Lease UTU-027345 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

Great Horned Owl: Due to the proximity of the location to active great horned owl nest, there is the potential to encounter nesting great horned owls between February 1 and July 15. If new construction or surface disturbing activities are scheduled between February 1 and July 15, pre-construction surveys will be conducted to detect the presence of nesting great horned owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between February 1 and July 15 within a 0.5 mile radius of any active great horned owl nest.

Elk and Deer winter range: No new construction or surface disturbing activities will be allowed Dec. 1st and April 30th.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Black Sage *Artemisia Nova* 2 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal #2-27-9-15 was on-sited on 4/12/05. The following were present: Shon Mckinnon (Newfield Production), Brad Mecham (Newfield Production), David Gerbig (Newfield Production), Byron Tolman (Bureau of Land Management), and Amy Torres (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

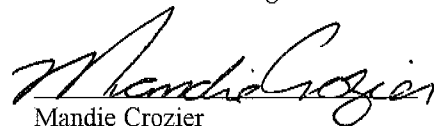
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-27-9-15 NW/NE Section 27, Township 9S, Range 15E: Lease UTU-027345 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.

7/15/05

Date

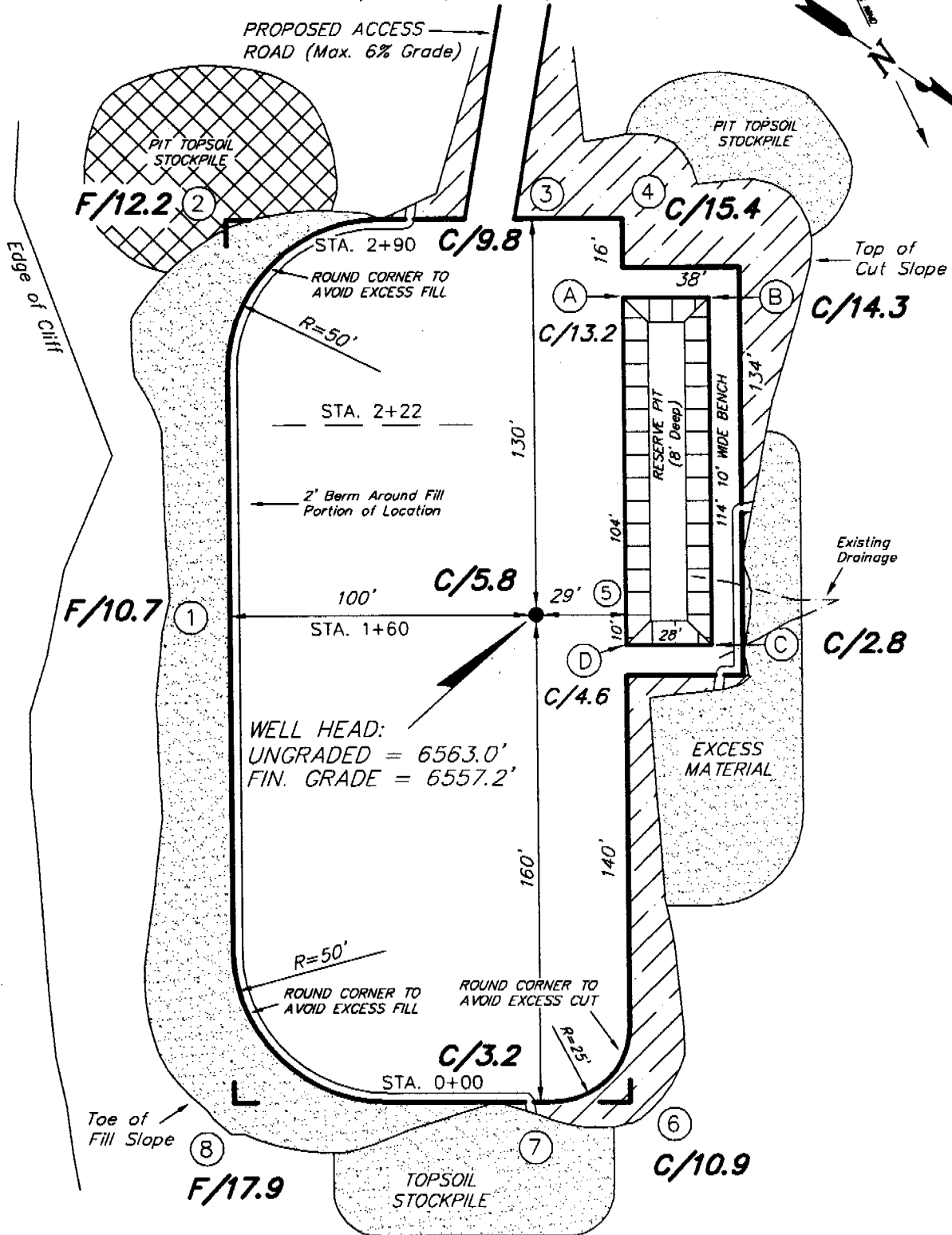


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT 2-27

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



REFERENCE POINTS

210' NORTHEAST = 6558.3'
260' NORTHEAST = 6554.4'

SURVEYED BY: D.P.
DRAWN BY: F.T.M.

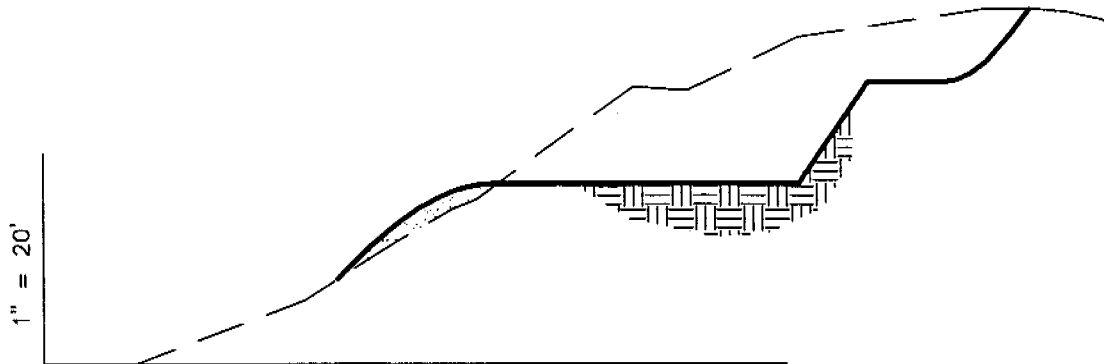
SCALE: 1" = 50'
DATE: 5-4-05

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

NEWFIELD PRODUCTION COMPANY

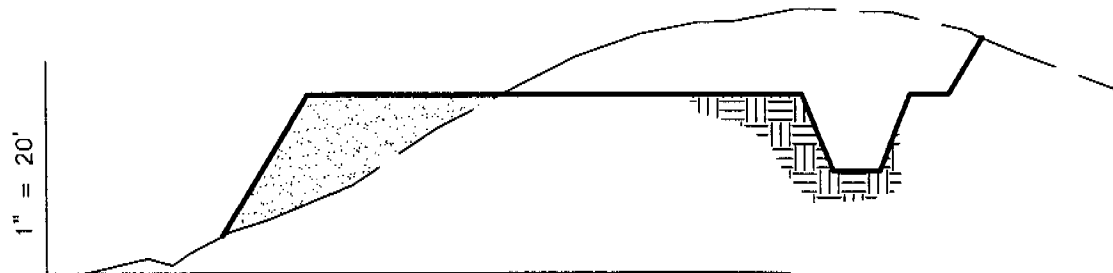
CROSS SECTIONS

ASHLEY UNIT 2-27



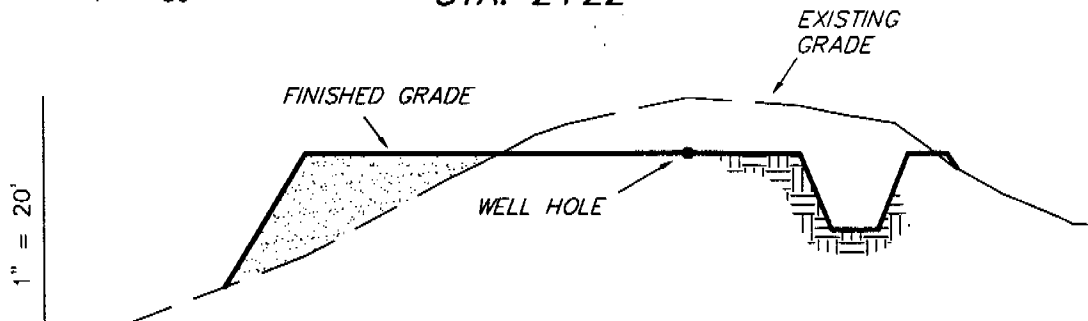
1" = 50'

STA. 2+90



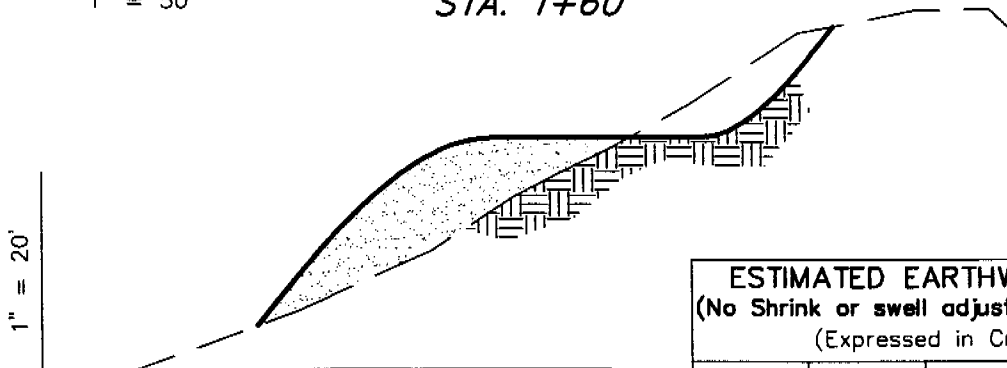
1" = 50'

STA. 2+22



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,200	6,190	Topsoil is not included in Pad Cut	10
PIT	630	0		630
TOTALS	6,830	6,190	1,050	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 5-4-05

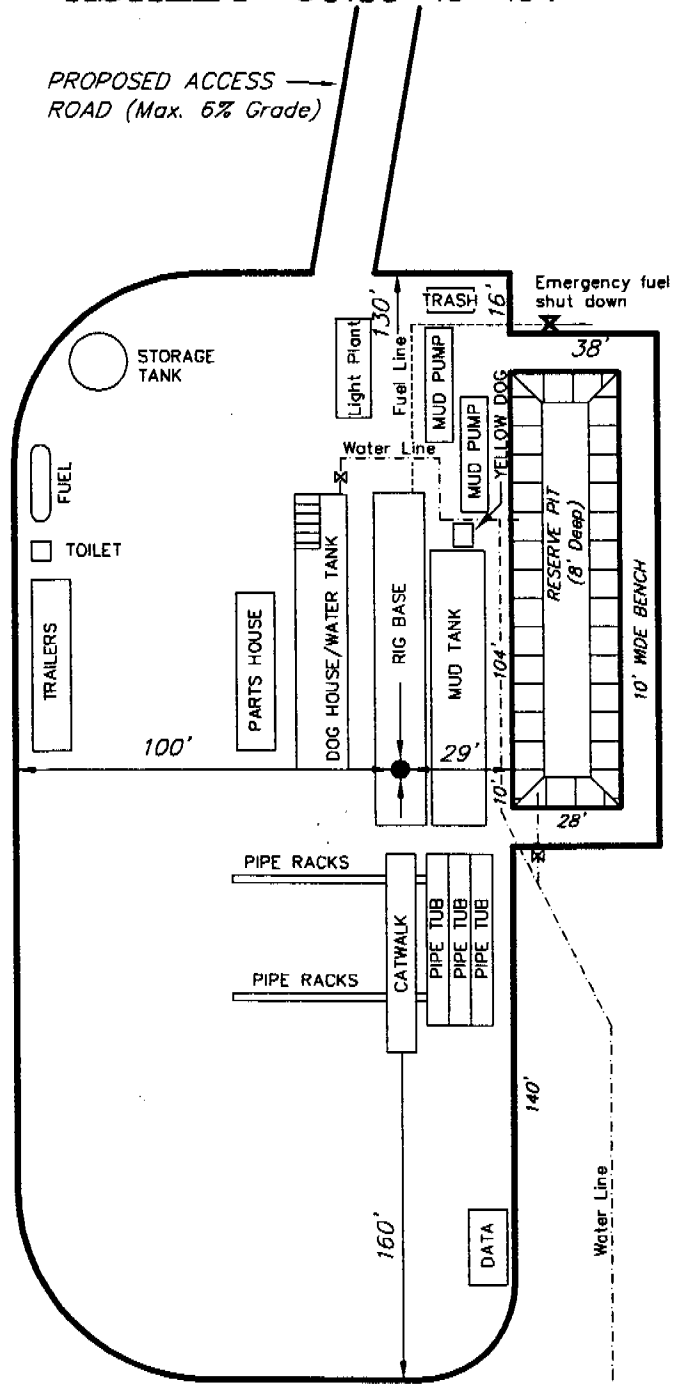
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

ASHLEY UNIT 2-27

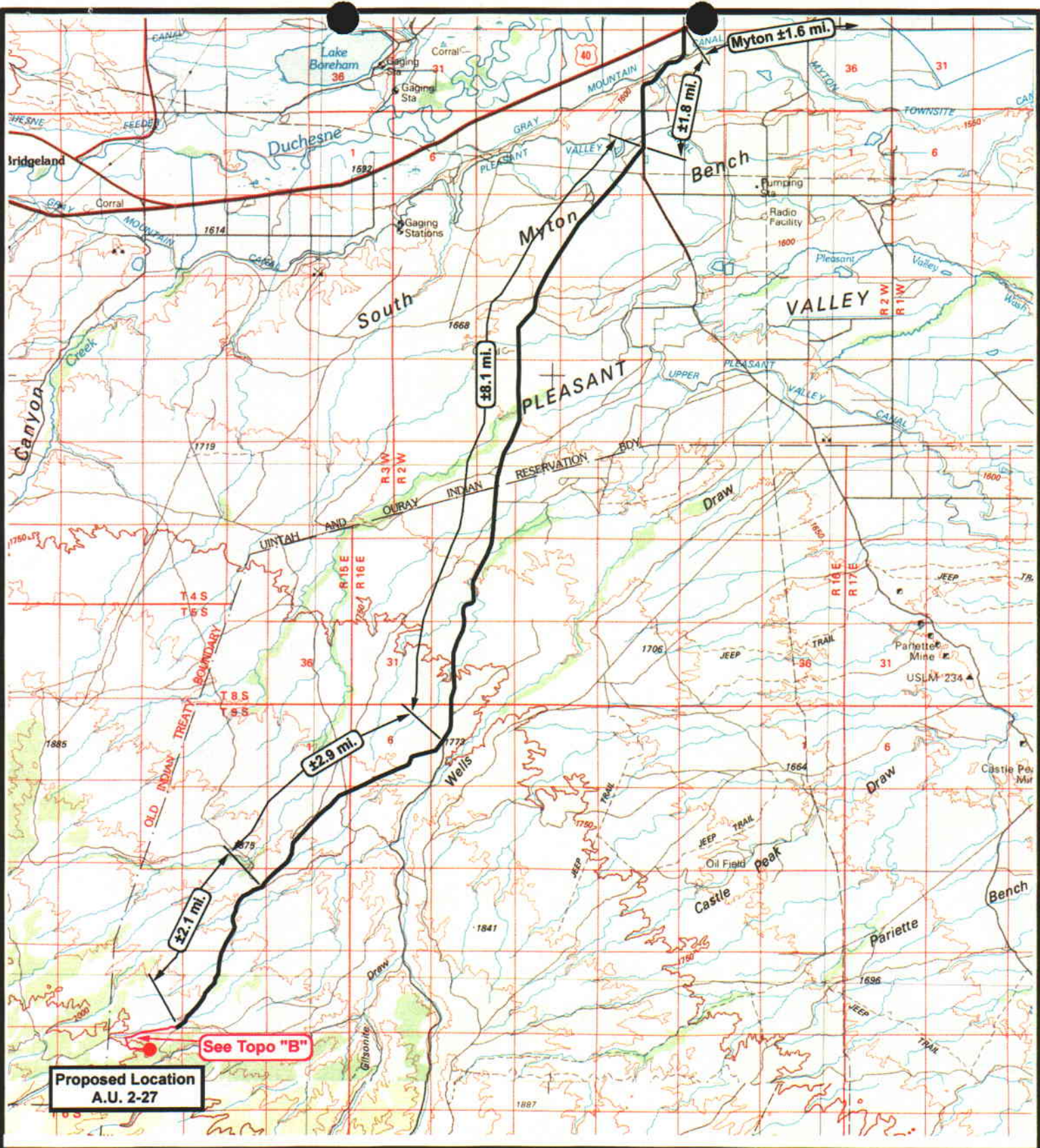
PROPOSED ACCESS ROAD (Max. 5% Grade)



SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 5-4-05



(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Proposed Location
A.U. 2-27**

See Topo "B"



NEWFIELD
Exploration Company



**Ashley Unit 2-27-9-15
SEC. 27, T9S, R15E, S.L.B.&M.**




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

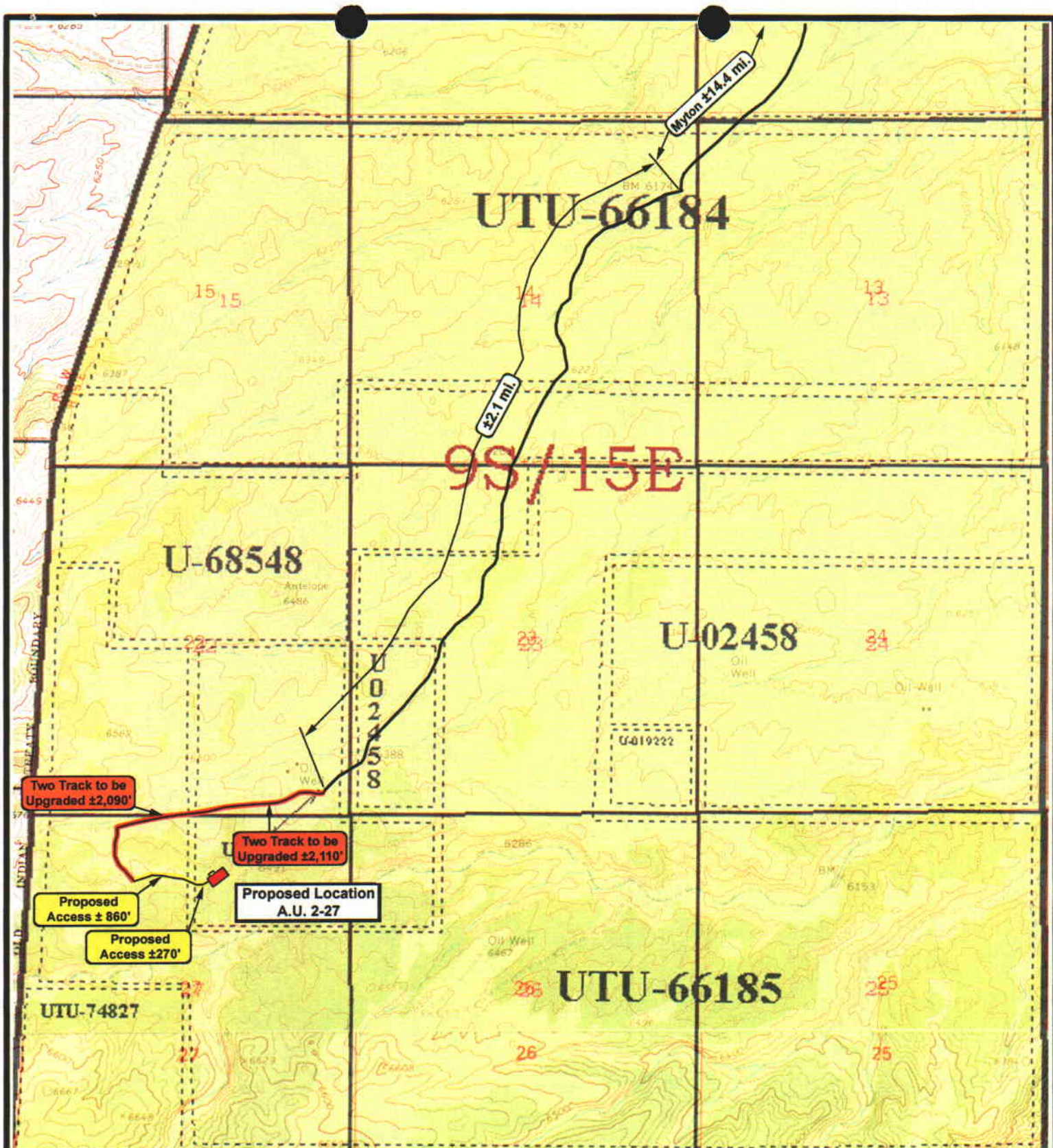
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-04-2005

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Ashley Unit 2-27-9-15
SEC. 27, T9S, R15E, S.L.B.&M.

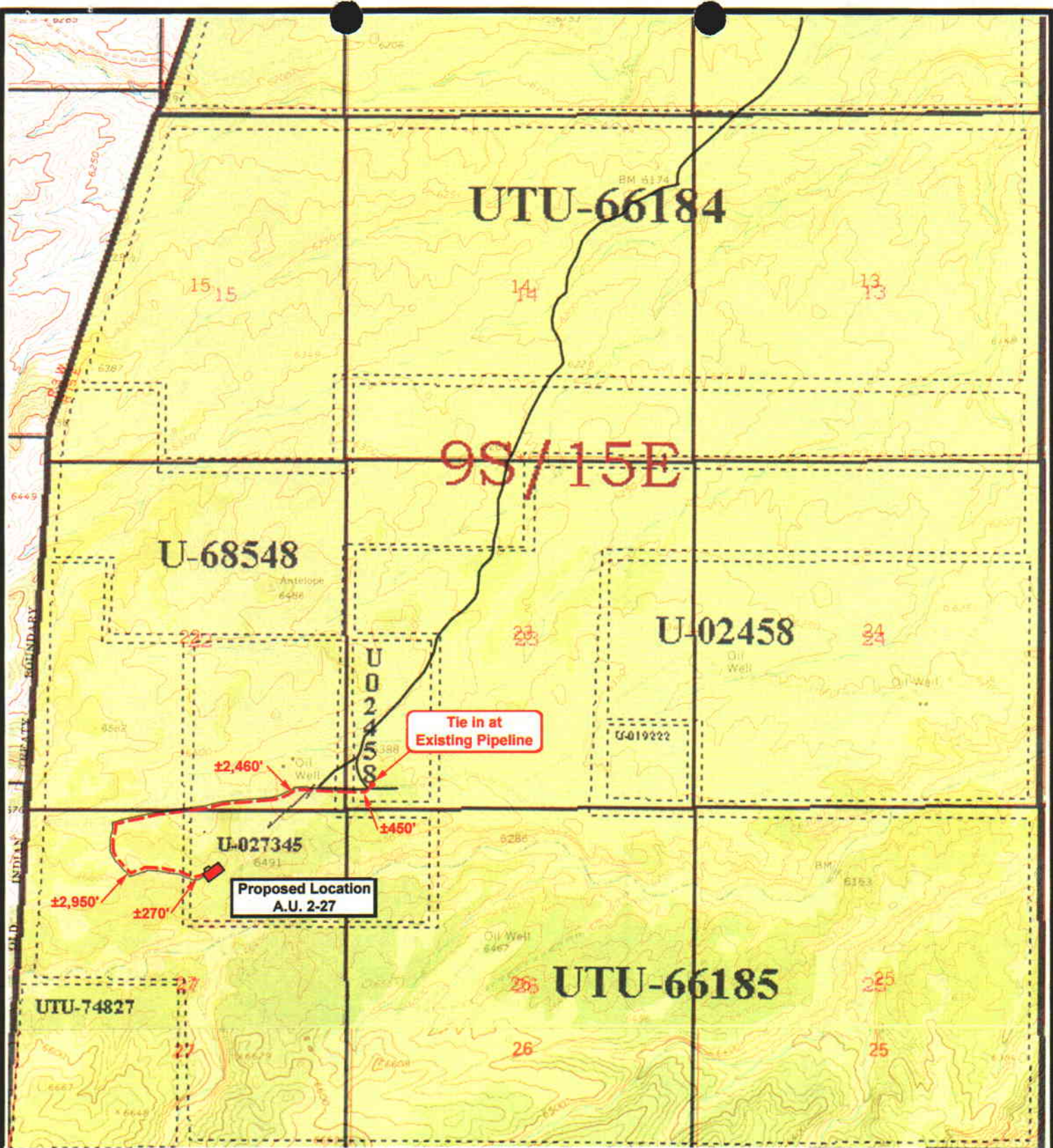


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-04-2005

Legend	
	Existing Road
	Proposed Access
	Upgraded Access

TOPOGRAPHIC MAP
"B"




NEWFIELD
Exploration Company

Ashley Unit 2-27-9-15
SEC. 27, T9S, R15E, S.L.B.&M.



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

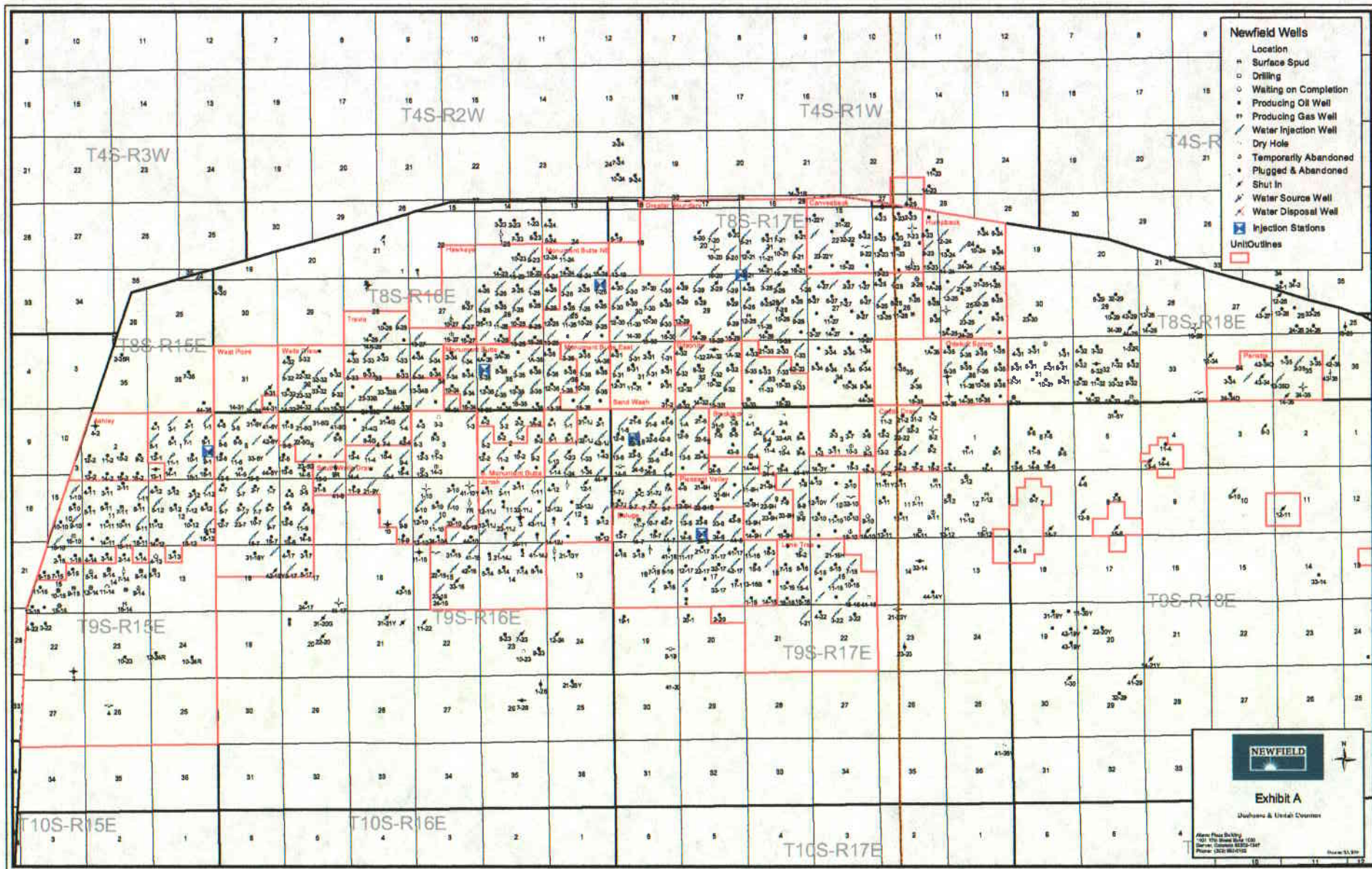
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DRAWN BY: mw
DATE: 05-04-2005

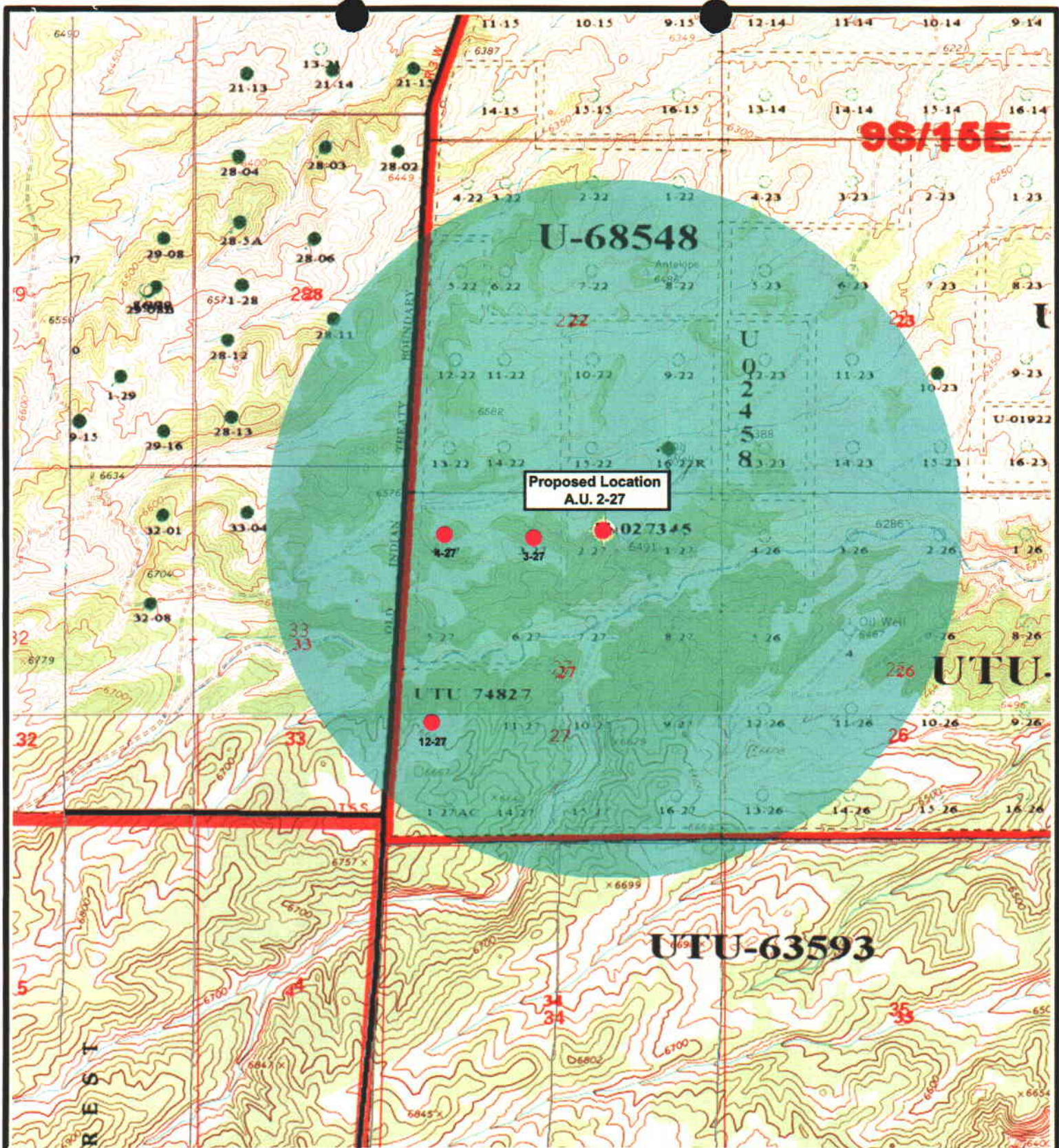
Legend

— Roads —
- - - Proposed Gas Line - - -

TOPOGRAPHIC MAP

"C"





9S/15E

U-68548

**Proposed Location
A.U. 2-27**

027345

UTU 74827

UTU

UTU-63593



NEWFIELD
Exploration Company

Ashley Unit 2-27-9-15
SEC. 27, T9S, R15E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-04-2005

Legend

- Proposed Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

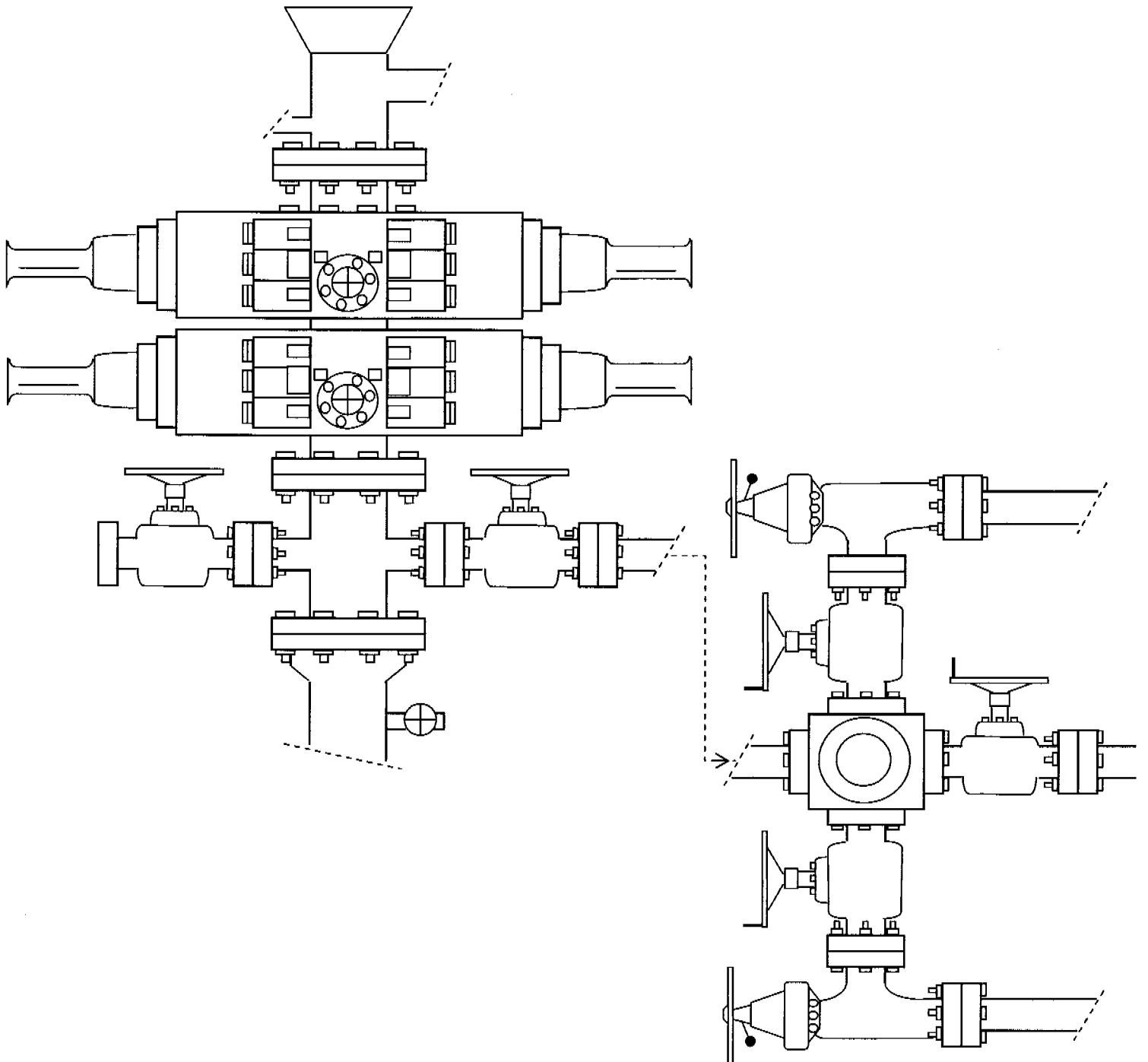


EXHIBIT C

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

By:

Kylie Lower-Eskelson
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

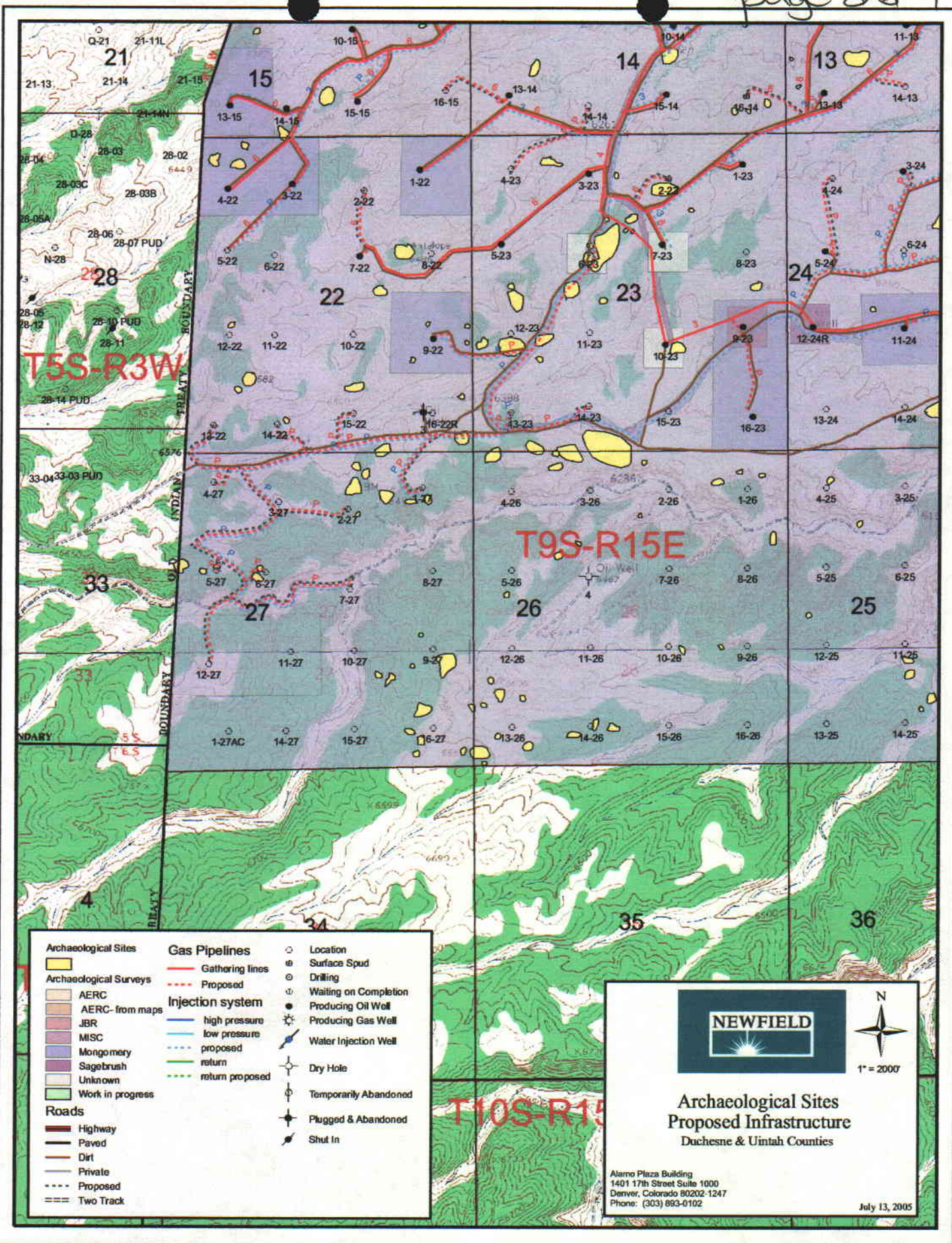
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-205

June 28, 2005

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

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



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

1" = 2000'

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

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 883-0102

July 13, 2005

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UINTA COUNTIES, UTAH**

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

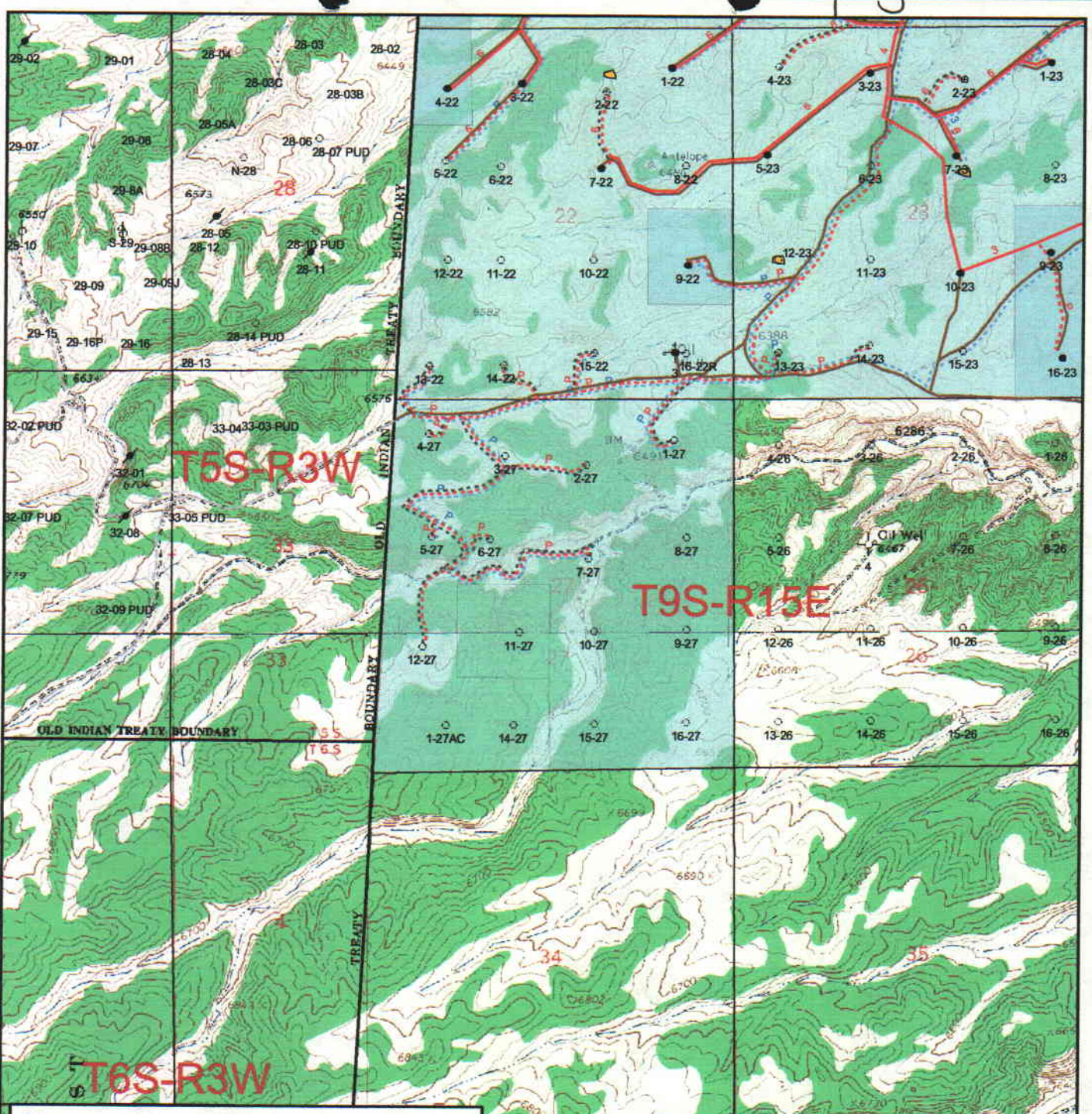
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 7, 2004



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	Producing Gas Well
Unknown	return	Water Injection Well
Highway	return proposed	Dry Hole
Paved		Temporarily Abandoned
Dirt		Plugged & Abandoned
Private		Shut In
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

July 13, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/18/2005

API NO. ASSIGNED: 43-013-32834

WELL NAME: ASHLEY FED 2-27-9-15
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-2721

PROPOSED LOCATION:

NWNE 27 090S 150E
 SURFACE: 0938 FNL 2087 FEL
 BOTTOM: 0938 FNL 2087 FEL
 DUCHESNE
 CASTLE PEAK (75)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-027345
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.00664
 LONGITUDE: -110.2156

RECEIVED AND/OR REVIEWED:

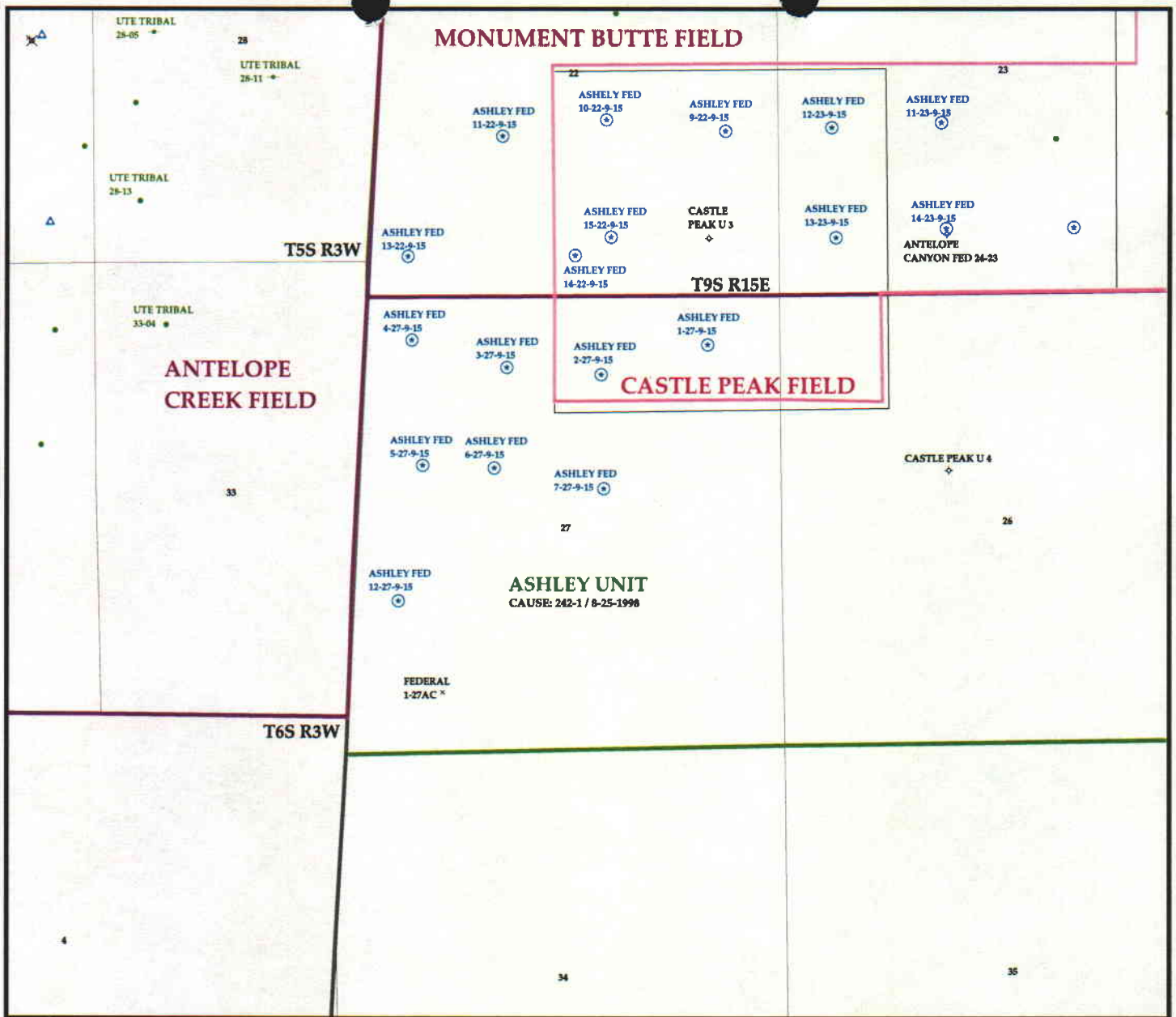
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: Sep. Separate Blw

STIPULATIONS: 1 Federal Approval



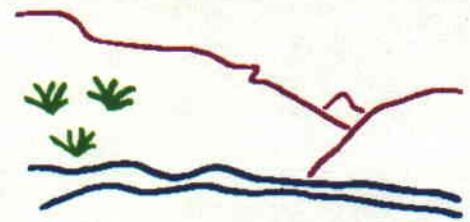
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 27 T. 9S R. 15E

FIELD: CASTLE PEAK (75)

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: 19-JULY-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)

July 20, 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)		
43-013-32833	Ashley Federal	1-27-9-15 Sec 27 T09S R15E 0583 FNL 0835 FEL
43-013-32834	Ashley Federal	2-27-9-15 Sec 27 T09S R15E 0938 FNL 2087 FEL
43-013-32835	Ashley Federal	3-27-9-15 Sec 27 T09S R15E 0812 FNL 1638 FWL
43-013-32836	Ashley Federal	5-27-9-15 Sec 27 T09S R15E 1961 FNL 0656 FWL
43-013-32837	Ashley Federal	6-27-9-15 Sec 27 T09S R15E 1996 FNL 1488 FWL
43-013-32838	Ashley Federal	7-27-9-15 Sec 27 T09S R15E 2277 FNL 2057 FEL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-20-05



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

July 20, 2005

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

Re: Ashley Federal 2-27-9-15 Well, 938' FNL, 2087' FEL, NW NE,
Sec. 27, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32834.

Sincerely,

Gil Hunt
Acting Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Ashley Federal 2-27-9-15

API Number: 43-013-32834

Lease: UTU-027345

Location: NW NE Sec. 27 T. 9 South R. 15 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

RECEIVED

JUL 18 2005

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.	UTU-027345
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 2-27-9-15
9. API Well No.	43-013-22834
10. Field and Pool, or Exploratory	Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area	NW/NE Sec. 27, 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 NW/NE 938' FNL 2087' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 17.5 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 382' f/ise, 2902' f/unit	16. No. of Acres in lease 280.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1607'	19. Proposed Depth 5975'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6563' GL	22. Approximate date work will start* 4th Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 7/15/05
Title Regulatory Specialist		
Approved by (Signature) <i>Robert R. Leavitt</i>	Name (Printed/Typed) Robert R. Leavitt	Date 05/04/2006
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

MAY 11 2006

DIV. OF OIL, GAS & MINING

UDD 6M

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHE



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: NWNE, Sec. 27, T9S, R15E
Well No: Ashley Federal 2-27-9-15	Lease No: UTU-66185
API No: 43-013-32834	Agreement: Ashley Unit UTU-73520X

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)***

1. **CONSTRUCTION AND OPERATION**

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.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will 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 will need to submit a proposal to control erosion to the BLM.

The reserve pit will 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.

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.

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 will 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 will 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).

Actions to insure oil floating on water does not pose a hazard to wildlife will be implemented. Fluid hydrocarbons within the reserve pit will be promptly removed and disposed of in accordance with State Law.

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 will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will 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 will be crowned and ditched. Flat-bladed roads are **NOT** allowed. Notify the Authorized Officer 48 hours prior to surface disturbing activities. All well facilities not regulated by OSHA will be painted Olive Black. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

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

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

Interim Reclamation (see below):

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesil</i>	15 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
Per Live Seed Total		21 lbs/acre

Certified weed free seed and straw will be used for final and interim reclamation. The operator will 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.

Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.

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 will be doubled and the area raked or chained to cover the seed.

2. COMPLETION AND PRODUCTION

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

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

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

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A

request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

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

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within six (6) 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.

3. **ABANDONED WELL**

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

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 will be doubled and the area raked or chained to cover the seed.

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

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

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

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

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

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office

Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

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

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

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

FORM 3160-5
(June 1990)

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-027345
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 2-27-9-15
9. API Well No. 43-013-32834
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)
938 FNL 2087 FEL NW/NE Section 27, T9S R15E

12. CHECK APPROPRIATE BOX(es) 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 completions 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 7/20/05 (expiration 7/20/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-27-06
By: [Signature]

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Regulatory Specialist Date 7/20/2006
Mandie Crozier

CC: UTAH DOGM
(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

CC: Utah DOGM
15. File IN L.S.C. Section 1702, unless otherwise directed by the Bureau of Land Management, in the file of the United States Geological Survey or the Bureau of Land Management, as appropriate.
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JUL 20 2006
DIV. OF OIL, GAS & MINING
COPY SENT TO OPERATOR
Date: 9/12/06
Initials: PM



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

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

API: 43-013-32834
Well Name: Ashley Federal 2-27-9-15
Location: NW/NE Section 27, T9S R15E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 7/20/2005

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

Mark Cousins
Signature

7/20/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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DIV. OF OIL, GAS & MINING

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)
Section T R NW/NE Sec. 27, T9S R15E

5. Lease Serial No.
UTU 027345

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 2-27-9-15

9. API Well No.
4301332834

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
. UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)
On 8/10/06 MIRU Ross # 24. Spud well @ 3:00pm. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.54' KB On 8/11/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

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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
08/12/2006



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

Title _____ Date _____
Office _____

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

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 324.54

LAST CASING 8 5/8" SET AT 324.54'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 325' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Ashley Federal 2-27-9-15
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig #24

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.68'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.69
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			314.54
TOTAL LENGTH OF STRING		314.54	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			324.54
TOTAL		312.69	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		305.44	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/10/2006	3:00pm	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/11/2006	12:30pm	Bbls CMT CIRC TO SURFACE <u>4</u>			
BEGIN CIRC		8/11/2006	4:02 PM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8/11/2006	4:16 PM	N/A			
BEGIN DSPL. CMT		8/11/2006	4:29 PM	BUMPED PLUG TO <u>530</u> PSI			
PLUG DOWN		8/11/2006	4:36 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 Don Bastian

DATE 8/10/2006

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-36120	Sundance Federal 13-8-9-18	SWSW	8	9S	18E	UINTAH	08/13/06	8/17/06
WELL 1 COMMENTS: <u>GRPV</u>											
A	99999	15577	43-013-32834	Ashley Federal 2-27-9-15	NWNE	27	9S	18E	DUCHESE	8/10/06	8/17/06
WELL 2 COMMENTS: <u>GRPV</u>											
A	99999	15578	43-047-35782	State 13-2-9-18	SWSW	2	9S	18E	UINTAH	08/11/06	8/17/06
WELL 3 COMMENTS: <u>GRPV</u>											
A	99999	15579	43-013-32823	Ashley Federal 14-22-9-15	SE/SW	22	9S	15E	DUCHESE	08/14/06	8/17/06
WELL 4 COMMENTS: <u>GRPV</u>											
B	99999	14844	43-047-36061	Federal 10-9-9-18	NWSE	9	9S	18E	UINTAH	08/10/06	8/17/06
WELL 5 COMMENTS: <u>GRPV</u>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 6 COMMENTS:											

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

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

RECEIVED
AUG 16 2006

Lana Nebeker
Signature
Lana Nebeker
Production Analyst
August 16, 2006
Date

08/16/2006 14:35
4356463091
INLAND
PAGE 02

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
LTU-027345

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 2-27-9-15

9. API Well No.
4301332834

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)
938 FNL 2087 FEL
NWNE Section 27 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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

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

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

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

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

Signature *Mandi Cozler*

Title
Regulatory Specialist

Date
09/14/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

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SEP 15 2006

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____
 1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

5. LEASE DESIGNATION AND SERIAL NO.
UTU-027345
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
 7. UNIT AGREEMENT NAME
Ashley
 8. FARM OR LEASE NAME, WELL NO.
Ashley Federal 2-27-9-15

2. NAME OF OPERATOR
Newfield Exploration Company
 9. WELL NO.
43-013-32834

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202
 10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface **938' FNL & 2087' FEL (NW/NE) Sec. 27, T9S, R15E**
 At top prod. Interval reported below
 At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 27, T9S, R15E
 12. COUNTY OR PARISH
Duchesne
 13. STATE
UT

14. API NO.
43-013-32834
 DATE ISSUED
07/20/06
 15. DATE SPUDDED
08/10/06
 16. DATE T.D. REACHED
08/16/06
 17. DATE COMPL. (Ready to prod.)
09/13/06
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6563' 6575' KB
 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
5985'
 21. PLUG BACK T.D., MD & TVD
5956'
 22. IF MULTIPLE COMPL. HOW MANY*
----->
 23. INTERVALS DRILLED BY
----->
 ROTARY TOOLS
X
 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4753'-5827'
 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log
 27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	325'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5957'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @	TA @
	5846'	5778'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP5) 5808'-5827'	.46"	4/76
(CP3) 5686'-5698'	.43"	4/48
(LODC) 5425'-5443'	.43"	4/72
(B2) 4884'-4894'	.43"	4/40
(C) 4753'-4765'	.43"	4/48

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5808'-5827'	Frac w/ 39,592# 20/40 sand in 463 bbls fluid
5686'-5698'	Frac w/ 29,058# 20/40 sand in 360 bbls fluid
5425'-5443'	Frac w/ 48,836# 20/40 sand in 428 bbls fluid
4884'-4894'	Frac w/ 49,539# 20/40 sand in 415 bbls fluid
4753'-4765'	Frac w/ 58,685# 20/40 sand in 457 bbls fluid

33. PRODUCTION

DATE FIRST PRODUCTION
09/13/06
 PRODUCTION METHOD (If flowing, gas lift, pumping--size and type of pump)
2-1/2" x 1-1/2" x 10'x14' RHAC SM Plunger Pump
 WELL STATUS (Producing or shut-in)
PRODUCING

DATE OF TEST	HOURS TESTED	CHOKI SIZE	PROD. FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
30 day ave			----->	69	75	9	1087

34. DISPOSITION OF PRODUCTION (Sales, withdrawal, etc.)
Sold & Used for Fuel
 TEST WELLS SURVEY

35. LIST OF ATTACHMENTS

John J. [Signature]

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OCT 24 2006
DIV. OF OIL, GAS & MINING

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all full-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 2-27-9-15	Garden Gulch Mkr	3598'	
				Garden Gulch 1	3809'	
				Garden Gulch 2	3919'	
				Point 3 Mkr	4159'	
				X Mkr	4436'	
				Y-Mkr	4462'	
				Douglas Creek Mkr	4566'	
				BiCarbonate Mkr	4801'	
				B Limestone Mkr	4896'	
				Castle Peak	5462'	
				Basal Carbonate	5916'	
				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 3638
MYTON, UT 84062

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	15549	12419	43-013-32900	ASHLEY FEDERAL 4-26-9-15	NW/1W	26	9S	15E	DUCHESNE		11/20/06

WELL 4 COMMENTS:

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	15520	12419	43-013-32901	ASHLEY FEDERAL 5-26-9-15	SW/1W	26	9S	15E	DUCHESNE		11/20/06

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	12419	15523	43-013-32908	ASHLEY FEDERAL 15-26-9-15	SW/8E	26	9S	15E	DUCHESNE		11/20/06

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	15523	12419	43-013-32905	ASHLEY FEDERAL 12-26-9-15	NW/5W	26	9S	15E	DUCHESNE		11/20/06

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	15577	12419	43-013-32834	ASHLEY FEDERAL 2-27-9-15	NW/1E	27	9S	15E	DUCHESNE		11/20/06

WELL 5 COMMENTS:

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RB	COUNTY		
C	15445	12419	43-013-32838	ASHLEY FEDERAL 7-27-9-15	SW/1E	27	9S	15E	DUCHESNE		11/20/06

WELL 6 COMMENTS:

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

ACTION CODES (See instructions on back of form)

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

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

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NOV 16 2006

DIV. OF OIL, GAS & MINING

Lana Nebeker
Signature

Lana Nebeker

Production Clerk
Title

NOVEMBER 13, 2006
Date

2



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

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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, 92-15E	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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
LITU 66185

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
ASHLEY 2-27-9-15

9. API Well No.
4301332834

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
UT

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)
NWNE Section 27 T9S R15E

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	

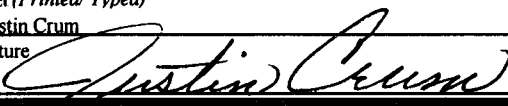
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 8/13/06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5985'. 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 @ 5957' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 20 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 11:30 PM on 8/17/06.

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AUG 22 2006

DIV. OF OIL, GAS & MINING

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

Signature 

Title
Drilling Foreman

Date
08/17/2006

Approved by _____ Title _____ Date _____

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

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

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **5 1/2"** CASING SET AT _____ **5957.15**

LAST CASING 8 5/8" SET AT 324'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5975 LOGGER 5954'
 HOLE SIZE 7 7/8"

Fit dlr @ 5913.55
 OPERATOR Newfield Production Company
 WELL AF 2-27-9-15
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		6.70 sht jt @4061.81'					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5913.55
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.35
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5959.15
TOTAL LENGTH OF STRING		5959.15	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		177.4	4	CASING SET DEPTH			5957.15
TOTAL		6121.30	139	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6121.3	139				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8/17/2006	1:30 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/17/2006	4:30 PM	Bbls CMT CIRC TO SURFACE <u>20</u>			
BEGIN CIRC		8/17/2006	4:30 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> No			
BEGIN PUMP CMT		8/17/2006	6:16 PM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		8/17/2006	19:16	BUMPED PLUG TO <u>1500</u> PSI			
PLUG DOWN		8/17/2006	7:38 PM				
CEMENT USED		B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premiite II w/ 10% gel + 3 % KCL, 5#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	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 Justin Crum

DATE 8/17/2006

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

5. LEASE DESIGNATION AND SERIAL NUMBER

UtU-027345

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.

7. UNIT or CA AGREEMENT NAME:

ASHLEY P A A

8. WELL NAME and NUMBER:

ASHLEY 2-27-9-15

9. API NUMBER:

4301332834

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: 938 FNL 2087 FEL

COUNTY: DUCHESNE

OTR-OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE, 27, T9S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/23/2006	<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 08/29/06 - 09/13/06

Subject well had completion procedures initiated in the Green River formation on 08-29-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5808'-5827'); Stage #2 (5686'-5698'); Stage #3 (5425'-5443'); Stage #4 (4884'-4894'); Stage #5 (4753'-4765'). 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 09-05-2006. Bridge plugs were drilled out and well was cleaned to 5956'. 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 09-13-2006.

RECEIVED

OCT 26 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

Jentri Park

DATE 10 23 2006

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: ASHLEY FED 2-27-9-15
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013328340000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0938 FNL 2087 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 27 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2014	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/18/2014. New intervals perforated, GB6 sands - 4120-4148', 4613-4623', 4812-4817' 3 JSPF. On 09/22/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/23/2014 the casing was pressured up to 1416 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was an State representative available to witness the test - Chris Jensen.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 02, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/2/2014	


Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

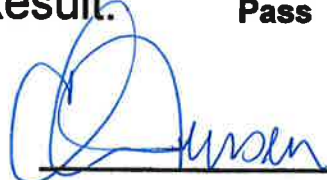

Witness:  Date 9/23/14 Time 9:00 am pm
Test Conducted by: Dustin Allred
Others Present: Pete Montague

Well: <u>2-27-9-15</u>	Field: <u>GMBU</u>
Well Location: <u>NW/NE Sec. 27, T9S, R15E</u>	API No: <u>43-013-32834</u>

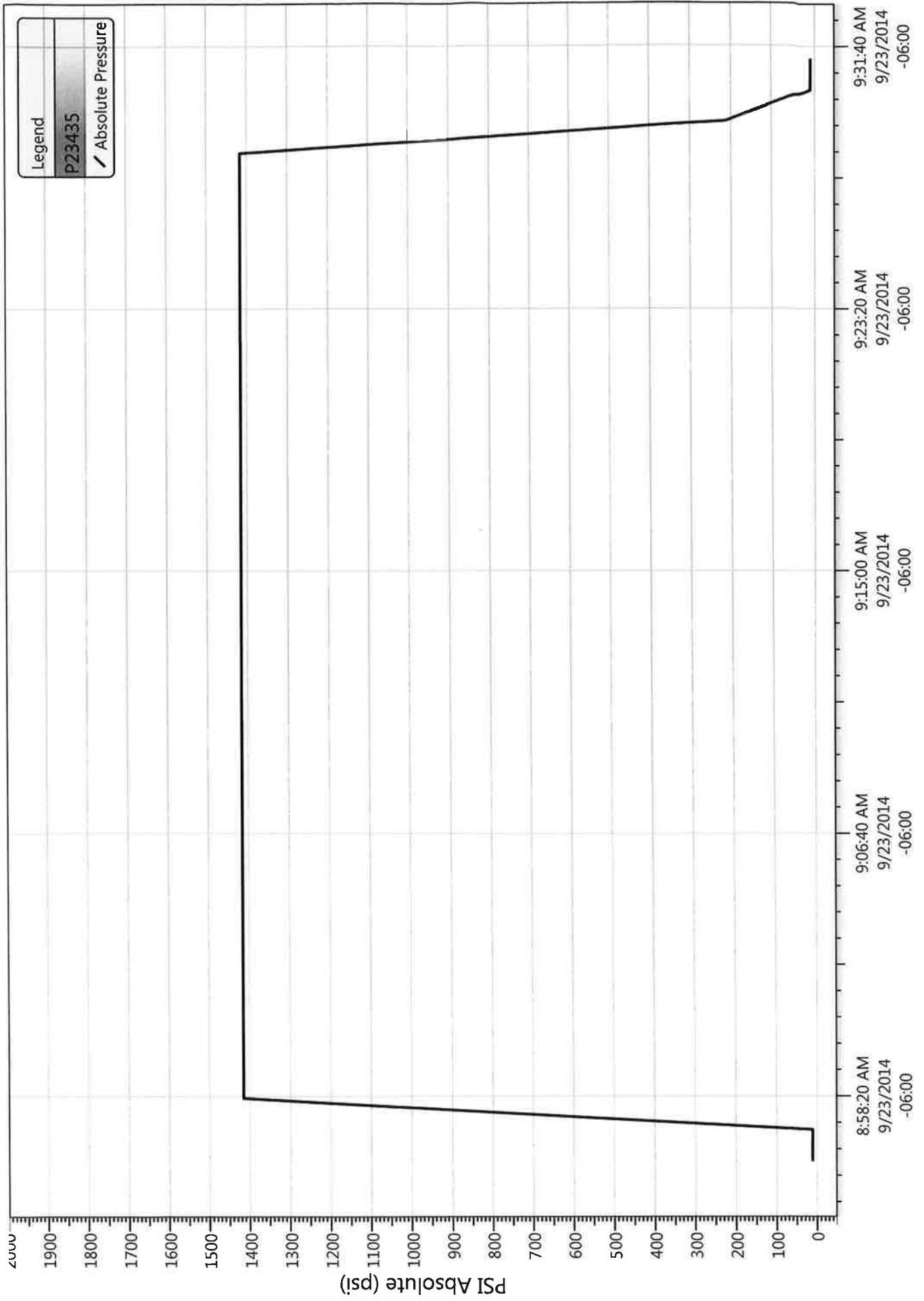
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1415</u>	psig
5	<u>1415</u>	psig
10	<u>1415</u>	psig
15	<u>1416</u>	psig
20	<u>1415</u>	psig
25	<u>1416</u>	psig
30 min	<u>1416</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 340 psig

Result: Pass Fail

Signature of Witness: 
Signature of Person Conducting Test: 

2-27-9-15 MIT (Conv) w/ Chris Jensen
9/23/2014 8:55:34 AM





Well Name: Ashley 2-27-9-15

Job Detail Summary Report

Jobs	Job Start Date	9/10/2014	Job End Date	9/23/2014
Primary Job Type	Conversion			

Daily Operations		24hr Activity Summary
Report Start Date	Report End Date	MIRUWOR, Unseat pump, flush tbg, soft seat pump and PT tbg to 3000#. LD rods and pump, XO to tbg equip, release pkr, ND WH and NU BOPS. SDFN.
Start Time	11:00	End Time
Start Time	22:00	End Time
Start Time	22:15	End Time
Start Time	23:30	End Time
Start Time	02:00	End Time
Start Time	04:30	End Time
Start Time	05:30	End Time
Start Time	05:45	End Time
Start Time	11:00	End Time

24hr Activity Summary		Comment
Report Start Date	Report End Date	Shut Down for Night
9/11/2014	9/12/2014	Safety Meeting
9/11/2014	9/12/2014	rig up spot in rig eqp RU HO pump 60bbbls down csg @250f.
9/11/2014	9/12/2014	PU on rods work up down 30mins pump came off seat 12k over RU HO flush tbg w/ 35bbbls @250f reseat pump fill tbg w/ 8bbbls pres test tbg to 3000psi good test unseat pump.
9/11/2014	9/12/2014	LD rod string 99-3/4 4pers flush tbg w/25bbbls cont LD rods 116-3/4 plain 12 where bad 10-3/4 4pers 1 was bad 6-1 1/2 sinker bars rod pump.
9/11/2014	9/12/2014	XO to tbg eqp ND WH PU on tbg release TAC NU prod BOPS RD floor and tbg work
9/11/2014	9/12/2014	Clean & Secure Lease
9/11/2014	9/12/2014	Shut Down for Night

24hr Activity Summary		Comment
Report Start Date	Report End Date	Shut Down for Night
9/12/2014	9/13/2014	Safety Meeting
9/12/2014	9/13/2014	Pull 1jt out MU H-Valve PKR RIH 1jt set it pull jt out ND prod bops NU 5K WH,5K FRAC VALVE,5K BLIND RAM,5K DOUBLE PIPE RAM.
9/12/2014	9/13/2014	RU B&C quick test stack all test where good RD tester.
9/12/2014	9/13/2014	PU 1jt latch onto H-Valve work on getting released HO pumped 100bbbls down csg @250f finally got tbg free pull PKR out LD.
9/12/2014	9/13/2014	TOOH w/ tbg breaking collar 128 jts cont TOOH LD TAC,PSN,NC.
9/12/2014	9/13/2014	MU RIH w/ Slaughts bit&scraper 184 jts final scraper depth 5840'
9/12/2014	9/13/2014	Clean & Secure Lease
9/12/2014	9/13/2014	Shut Down for Night



Well Name: Ashley 2-27-9-15

Job Detail Summary Report

Start Time	07:00	End Time	10:00	Comment
Start Time	10:00	End Time	12:00	TOOH breaking collars on the second connection 65 jts out RU HO flush w/ 35bbbls @250f cont TOOH 128 total for conversion LD 56extra jts onto trailer.
Start Time	12:00	End Time	13:30	Spot in wireline trks RU 11:30am RIH w/ perf gun shoot first set perfs POOH RD wireline.
Start Time	13:30	End Time	15:30	MU RIH w/ Stacked RBP&PKR PU pipe off racks 148 jts
Start Time	15:30	End Time	16:00	Set pkr @4675' fill csg w/24bbbls pres up csg to 1000 psi watch 5 mins good release pkr cont PU pipe set RBP @4848' pull up SET pkr @4777' fill tbg w/ 0 bbbls still full pres up on new perfs to 6000psi twice no break down. (TRY BREAK DOWN W/ FRAC CREW MONDAY MORNING)
Start Time	16:00	End Time	00:00	Clean & Secure Lease
Start Time	00:00	End Time	06:15	Shut Down for Night
Start Time	06:15	End Time	06:30	Safety Meeting
Start Time	06:30	End Time	08:30	PU 'j' RIH. RU frac line spot acid down tbg followed w/ 29bbbls fresh RD frac line pull 1 jt set PKR @4778'.
Start Time	08:30	End Time	10:30	RU frac line pres up on tbg pkr not holding communicating w/ csg release PKR RIH 2 jts test tools to 1500psi good POOH 2jts add 4' sub to frac string set PKR @4782' RU frac line pres up to do break down 2025psi pkr leaking.
Start Time	10:30	End Time	13:30	Rnd trip PKR
Start Time	13:30	End Time	16:30	Set RBP @4848' PKR @4778' RU frac line still circ release PKR move down hole set PKR @4834' still no test release tools pull above all perfs set and test tools to 2200psi watch 5 mins good release tool RIH set RBP @4848' PKR @4805' still no test Engineer decided to skip stage 1.
Start Time	16:30	End Time	18:00	Release tools TOOH w/ L-80 work string 152jts LD tools
Start Time	18:00	End Time	19:30	RU wireline crew RIH pump pl down w/ pump first 2000' set PL @4675' shoot perfs @4613'-4623' POOH LD perf guns SWIFN(frac stage 2 in the morning.
Start Time	19:30	End Time	19:45	Clean & Secure Lease
Start Time	19:45	End Time	00:00	Shut Down for Night
Report Start Date	9/15/2014	Report End Date	9/16/2014	24hr Activity Summary
Report Start Date	9/16/2014	Report End Date	9/17/2014	24hr Activity Summary
Start Time	00:00	End Time	06:00	RIH to DO/CO through second plg. circ ctn and SDFN.
Start Time	06:00	End Time	06:30	Safety Meeting
Start Time	06:30	End Time	08:30	RU B&C quick test run a chart test on double gate valves on 5K blind ram ND double pipe rams NU frac tree.



Well Name: Ashley 2-27-9-15

Job Detail Summary Report

Start Time	08:30	End Time	09:15	Comment
Start Time	09:15	End Time	09:45	Nabors had to fix a leaking cap on their pump.
Start Time	09:45	End Time	11:15	(Stg #2 17# Frac) (D1) Press test lines to 5000 psi, Open well w/ 0 psi, Break down formation w/ 11 bbbls fresh water @ 2.8 bpm @ 3062 psi, Bring rate to 20 bpm while bullheading 11.9 bbbls 15% HCL, no shut down for ISDP, Frac well w/ 364.2 bbbls 17# gel fld, Pumped 24,251# 20/40 white sand in formation, ISIP 1850 psi, F.G. .83, Tot pumped 451.38, TFTR 561.1
Start Time	11:15	End Time	11:45	RU wireline RIH tight spot in csg @1300' to 2100' ran it to it twice w/ wireline set pl @4190' pull up shoot new perfs @ 4120'-4126' 4142'-4148' POOH
Start Time	11:45	End Time	14:15	(Stg #3 17# Frac) (GB-6) Press test lines to 5000 psi, Open well w/ 754 psi, Break down formation w/ 1 bbbls fresh water @ .5 bpm @ 5526 psi, Frac well w/ 521.4 bbbls 17# gel fld, Pumped 58,069# 20/40 white sand in formation, ISIP 1570 psi, F.G. .81, Tot pumped 654.5, TFTR 1215.6
Start Time	14:15	End Time	18:00	RD frac crew and wireline crew 12:20pm open well for flow back on #26 choke 13:20pm pull choke open well full tell dead 195 bbbls total flow back. TFLR: 1020.6 bbbls. NU double pipe rams RU work floor and tbg works.
Start Time	18:00	End Time	18:15	MU RIH w/ 4 3/4" chomp bit on L-80 tbg 60jts in csg flowing wtr w/ lots sand RU pump circ well cean cont. TIH w/ bit tag PL w/jt 132 @4190' RU RBS swivel start drilling 16:24pm drilled through 16:31pm 7mins cont PU pipe tag 2nd PL w/ jt 148 @4675' 17:24pm drill through 17:35pm 11mins EOT @4708' circ well clean POOH 20jts EOT above perfs @4070'
Start Time	18:15	End Time	01:00	Comment Clean & Secure Lease Shut Down for Night
Report Start Date	9/17/2014	Report End Date	9/18/2014	24hr Activity Summary
Start Time	00:00	End Time	06:15	Finish DO/CO to PBTD. Circ cln and POOH laying dwn frac string. RBH w/ inj string. PT tbg string.
Start Time	06:15	End Time	06:30	Comment Shut Down for Night Safety Meeting
Start Time	06:30	End Time	08:00	CK pres on well tbg and csg both on a vacuum TIH w/ 59 jts tag PBTD @5936' no fill RU pump fill hole w/ 35bbbls circ clea with 195bbbls lost 65bbbls rack out swivel did not use it today.
Start Time	08:00	End Time	10:30	TOOH sideways w/ L-80 work string HO pumped 100bbbls down csg @250f while we LD work string.
Start Time	10:30	End Time	11:30	Comment MU RIH w/ Stacked Oil Tools AS1 PKR assembly 1-2 3/8" Re-Entry guide, 1- 2 3/8" XN-Nipple, 1-2 3/8"x4' J-55 tbg sub cross over, 5 1/2" AS1 PKR, On-Off Tool, 2 7/8" PSN, 128 jts J-55 tbg.
Start Time	11:30	End Time	17:00	RU HO pump 10bbl pad drop SV fill tbg w/ 15bbbls pres tbg up to 3000psi give it 30mins lost 170psi pres up 3000psi 30mins lost 60psi pres up 3000psi give it 30mins lost 20psi watch 30 more mins lost 30psi pres back to 3000psi watch 30mins lost 30psi watch another 30 mins lost 20psi bleed off pres back up to 3000psi watch 30 mins lost 20psi watch 30mins again lost 20psi pres up 3000psi ck pres in morning (CONT TEST IN MORNING)
Start Time	17:00	End Time	17:15	Comment Clean & Secure Lease
Start Time	17:15	End Time	00:00	Comment Shut Down for Night
Report Start Date	9/18/2014	Report End Date	9/18/2014	24hr Activity Summary
				Finish testing tbg. Test csg and get MIT. RDMOWOR and pump equip.



Well Name: Ashley 2-27-9-15

Job Detail Summary Report

Start Time	00:00	End Time	06:30	Comment	Shut Down for Night
Start Time	06:30	End Time	07:00	Comment	Safety Meeting
Start Time	07:00	End Time	09:00	Comment	CK pres on tbg 2900psi watch 30mins no loss good test bleed off pres RU RIH w/ sandline retrieve SV POOH RD floor ND drill out stack hang tbg on INJ tree circ 65bbbls PKR fluid down csg.
Start Time	09:00	End Time	13:30	Comment	PU on tbg set PKR @4071' to C.E. land in 15,000 tension on INJ tree NU WH PSN @4065' EOT @4081' fill csg w/ 2bbbls pres up to 1500psi 09:25am watch 30mins lost 40psi watch another 30mins no loss 10:30am wait on INJ hand to get done w/ facility tour to run MIT on csg 12:30pm RU MIT test unit test 30mins on csg good test RDMO (FINAL REPORT)
Start Time	13:30	End Time	14:00	Comment	Clean & Secure Lease
Report Start Date	9/23/2014	Report End Date	9/23/2014	24hr Activity Summary	
Start Time	09:00	End Time	09:30	Comment	Conduct MIT On 09/22/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/23/2014 the casing was pressured up to 1416 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was a State representative available to witness the test - Chris Jensen.

NEWFIELD

Schematic

Well Name: Ashley 2-27-9-15

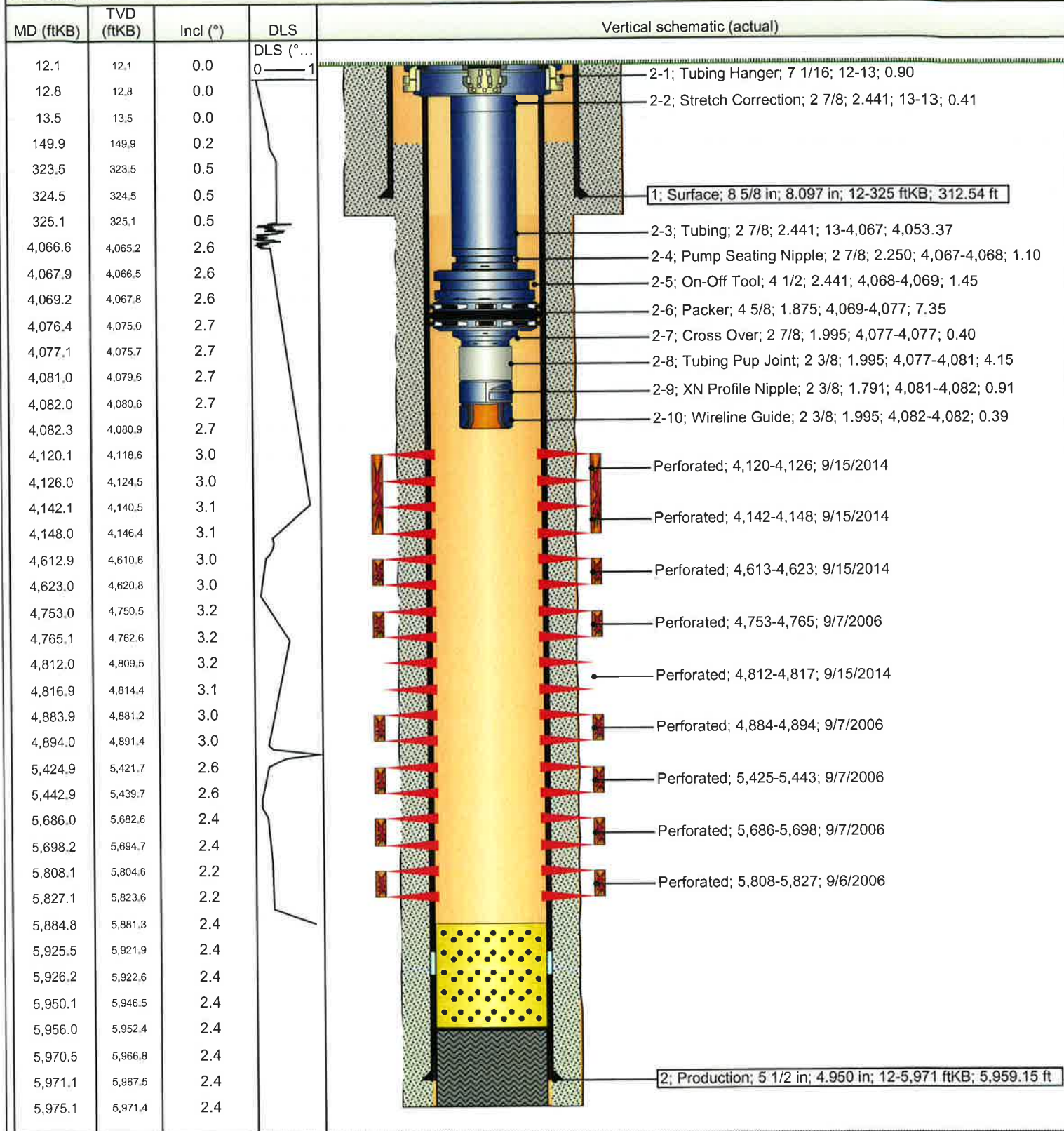
Surface Legal Location 27-9S-15E		API/UWI 43013328340000	Well RC 500159446	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 8/10/2006	Rig Release Date 8/17/2006	On Production Date 9/13/2006	Original KB Elevation (ft) 6,575	Ground Elevation (ft) 6,563	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,956.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 9/10/2014	Job End Date 9/23/2014
---------------------------------------	--------------------------------	---------------------------	-----------------------------	---------------------------

TD: 5,975.0

Vertical - Original Hole, 10/2/2014 9:54:57 AM



NEWFIELD

Newfield Wellbore Diagram Data
Ashley 2-27-9-15

Surface Legal Location 27-9S-15E				API/UWI 43013328340000			Lease						
County DUCHESNE		State/Province Utah		Basin Uintah Basin			Field Name GMBU CTB3						
Well Start Date 8/10/2006		Spud Date 8/10/2006		Final Rig Release Date 8/17/2006			On Production Date 9/13/2006						
Original KB Elevation (ft) 6,575	Ground Elevation (ft) 6,563	Total Depth (ftKB) 5,975.0		Total Depth All (TVD) (ftKB)			PBTD (All) (ftKB) Original Hole - 5,956.0						
Casing Strings													
Csg Des		Run Date		OD (in)		ID (in)		WV/Len (lb/ft)		Grade		Set Depth (ftKB)	
Surface		8/11/2006		8 5/8		8.097		24.00		J-55		325	
Production		8/17/2006		5 1/2		4.950		15.50		J-55		5,971	
Cement													
String: Surface, 325ftKB 8/11/2006													
Cementing Company BJ Services Company				Top Depth (ftKB) 12.0		Bottom Depth (ftKB) 324.5		Full Return?		Vol Cement Ret (bbl)			
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake				Fluid Type Lead		Amount (sacks) 160		Class G		Estimated Top (ftKB) 12.0			
String: Production, 5,971ftKB 8/17/2006													
Cementing Company BJ Services Company				Top Depth (ftKB) 150.0		Bottom Depth (ftKB) 5,975.0		Full Return?		Vol Cement Ret (bbl)			
Fluid Description 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake				Fluid Type Lead		Amount (sacks) 300		Class Premilite II		Estimated Top (ftKB) 150.0			
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM				Fluid Type Tail		Amount (sacks) 450		Class 50/50 POZ		Estimated Top (ftKB) 3,063.0			
Tubing Strings													
Tubing Description Tubing				Run Date 9/18/2014				Set Depth (ftKB) 4,082.4					
Item Des		Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)		Btm (ftKB)			
Tubing Hanger		1	7 1/16				0.90	12.0		12.9			
Stretch Correction		1	2 7/8	2.441			0.41	12.9		13.3			
Tubing		128	2 7/8	2.441	6.50	J-55	4,053.37	13.3		4,066.7			
Pump Seating Nipple		1	2 7/8	2.250			1.10	4,066.7		4,067.8			
On-Off Tool		1	4 1/2	2.441			1.45	4,067.8		4,069.2			
Packer		1	4 5/8	1.875			7.35	4,069.2		4,076.6			
Cross Over		1	2 7/8	1.995			0.40	4,076.6		4,077.0			
Tubing Pup Joint		1	2 3/8	1.995	4.70	J-55	4.15	4,077.0		4,081.1			
XN Profile Nipple		1	2 3/8	1.791			0.91	4,081.1		4,082.0			
Wireline Guide		1	2 3/8	1.995			0.39	4,082.0		4,082.4			
Rod Strings													
Rod Description				Run Date				Set Depth (ftKB)					
Item Des		Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)		Btm (ftKB)				
Other In Hole													
Des				Top (ftKB)		Btm (ftKB)		Run Date		Pull Date			
Fill				5,950		5,956		7/19/2007					
Fill				5,885		5,956		8/24/2011					
Perforation Intervals													
Stage#	Zone	Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)		Date			
7	GB6, Original Hole	4,120		4,126		3	120	0.340		9/15/2014			
7	GB6, Original Hole	4,142		4,148		3	120	0.340		9/15/2014			
6	GB6, Original Hole	4,613		4,623		3	120	0.340		9/15/2014			
5	C, Original Hole	4,753		4,765		4	90	0.430		9/7/2006			
	GB6, Original Hole	4,812		4,817		3	120	0.340		9/15/2014			
4	B1, Original Hole	4,884		4,894		4	90	0.430		9/7/2006			
3	LODC, Original Hole	5,425		5,443		4	90	0.430		9/7/2006			
2	CP3, Original Hole	5,686		5,698		4	90	0.430		9/7/2006			
1	CP5, Original Hole	5,808		5,827		4				9/6/2006			
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)						
2	1,950	0.78	25.3	2,461									
5	2,450	0.95	25.4	2,663									
1	2,375	0.84	25.3	2,559									
3	2,350	0.87	25.4	2,326									

NEWFIELD

Newfield Wellbore Diagram Data Ashley 2-27-9-15



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)
4	2,150	0.87	25.4	2,650			
6	1,850	0.834	20.4	3,068	451	0	451
7	1,570	0.813	24.6	2,256	655	0	0

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		Proppant White Sand 29058 lb
5		Proppant White Sand 58685 lb
1		Proppant White Sand 39592 lb
3		Proppant White Sand 48836 lb
4		Proppant White Sand 49539 lb
6	24,251	Main White Sand 24251 lbs
7	58,069	Main White Sand 58069 lbs

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-027345
1. TYPE OF WELL Water Injection 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 2-27-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0938 FNL 2087 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 27 Township: 09.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013328340000
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	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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


TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 9:40 AM on 01/21/2015.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 09, 2015

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/22/2015	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-407

Operator: Newfield Production Company
Well: Ashley Federal 2-27-9-15
Location: Section 27, Township 9 South, Range 15 East
County: Duchesne
API No.: 43-013-32834
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 23, 2013.
2. Maximum Allowable Injection Pressure: 1,913 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,909' – 5,936')
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

1-13-15
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

May 23, 2013

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 2-27-9-15, Section 27, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32834

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,909 feet in the Ashley Federal 2-27-9-15 well.

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

Sincerely,

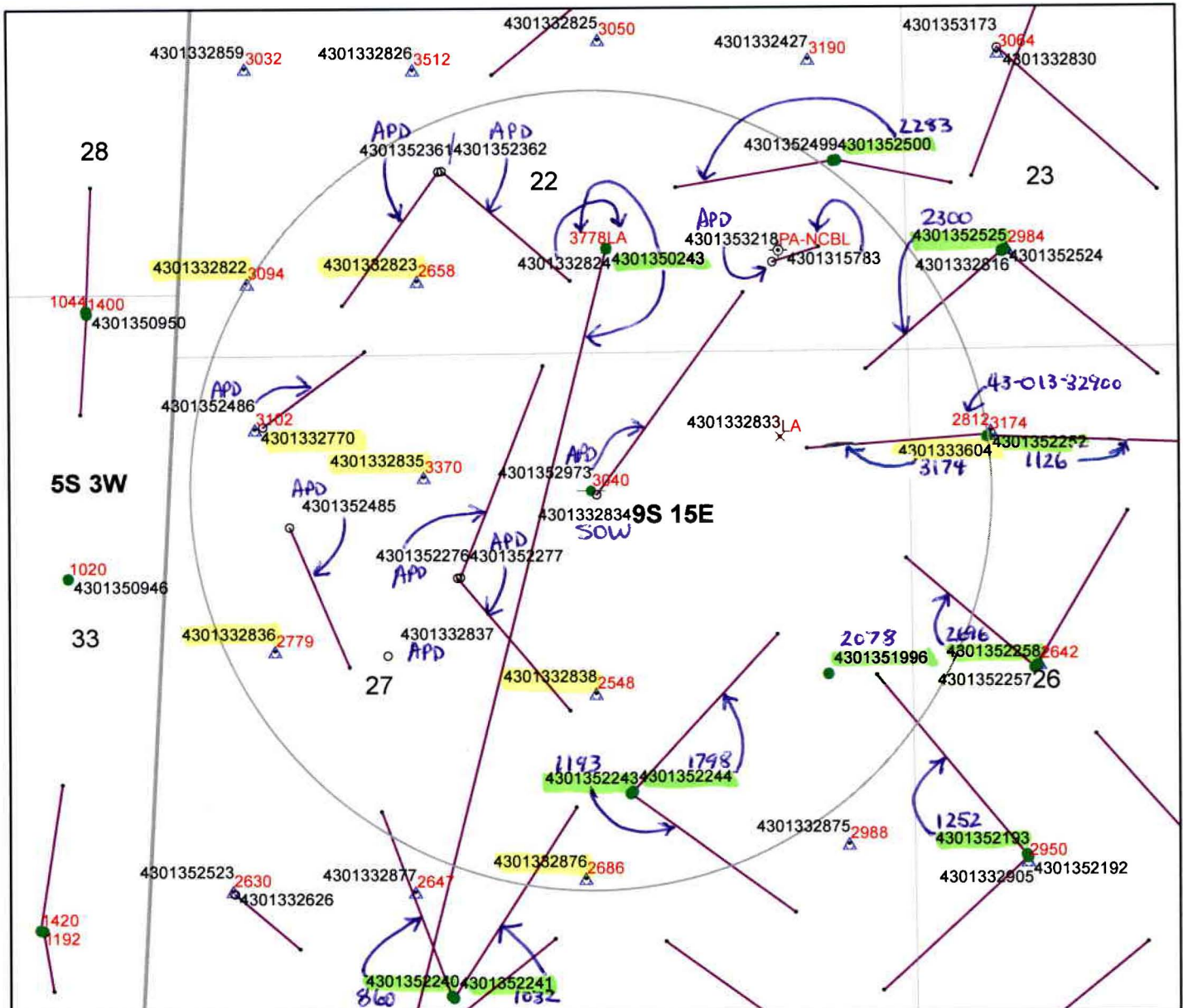
John Rogers
Associate Director

JR/MLR/js

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

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





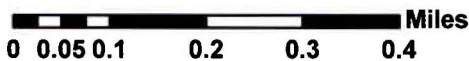
Legend

Oil & Gas Well Type

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

**Cement Bond Tops
Ashley Federal 2-27-9-15
API #43-013-32834
UIC-407.1**

(updated 1/12/2015)



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

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

Applicant: Newfield Production Company **Well:** Ashley Federal 2-27-9-15

Location: 27/9S/15E **API:** 43-013-32834

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 (BLM) 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 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,957 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,040 feet. A 2 7/8 inch tubing with a packer is proposed at 4,703 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 (1/12/2015), on the basis of surface locations, there are 5 producing wells, 7 injection wells, and 1P/A well in the AOR. One of the producing wells is horizontally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 6 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR and 1 directionally drilled injection well with a surface location outside the AOR and 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 3,909 feet and 5,936 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-27-9-15 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,913 psig. The requested maximum pressure is 1,913 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 2-27-9-15
page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 4/24/2013 (revised 1/12/2015)

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

The Salt Lake Tribune

MEDIA One

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, RECEIVED 1594 W NORTH TEMP #1210 MAY 01 2013 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	4/26/2013

ACCOUNT NAME		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-407	
DIV OF OIL-GAS & MINING,		IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCH COUNTY, UTAH, AS CLASS II INJECTION WELLS.	
TELEPHONE	ADORDER# /	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
8015385340	0000875164 /	Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing informal administrative proceedings to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-015 East for administrative approval of the following wells located in Duchesne County, Utah, for version to Class II injection wells:	
SCHEDULE		Greater Monument Butte Unit:	
Start 04/26/2013	End 04/26/2013	Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East API 43-013-32834 Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East API 43-013-32770 West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range East API 43-013-32288 Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East API 43-013-33061 Federal 9-13T-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range East API 43-013-32954 Federal 4-19-9-16 well located in NW/4 NW/4, Section 19, Township 9 South, Range East API 43-013-33065	
CUST. REF. NO.		The proceeding will be conducted in accordance with Utah Admin. 8649-10, Administrative Procedures.	
UIC-407		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.	
CAPTION		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 their matter affects their interests.	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF		Dated this 24th day of April, 2013.	
SIZE		STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager	
62	Lines	3.00	CO
TIMES		875164	
4		UPA	
MISC. CHARGES		TOTAL	
		317.48	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-407 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 04/26/2013 End 04/26/2013

PUBLISHED ON

SIGNATURE

[Handwritten Signature]

4/26/2013

VIRGINIA CRAFT
Notary Public State of Utah
Commission # 581465
My Commission Expires
January 12, 2014

[Handwritten Signature: Virginia Craft]

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

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of April, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of April, 20 13, 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 on this

1 day of May, 20 13

by Kevin Ashby.

Bonnie Parrish
Notary Public

NOTICE OF AGENCY ACTION CAUSE NO. UIC-407

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 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, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative ap-

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

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

Greater Monument Butte Unit:

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

API 43-013-32834

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

API 43-013-32770

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

API 43-013-32288

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

API 43-013-33061

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

API 43-013-32954

Federal 4-19-9-16 well located in NW/4

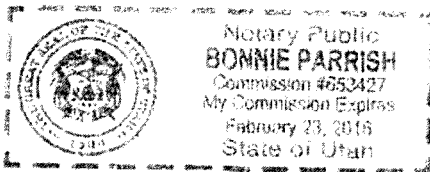
NW/4, Section Township 9 South, Range 16 East

API 43-013-330

The proceeding will be conducted in accordance with Utah Administrative Procedures.

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

Any person desiring to object to application or otherwise intervene in the proceeding, file a written protest or notice of intervention with the Division within fifteen days of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Perm Manager, at P.O. 145801, Salt Lake City, Utah 84114-5801, telephone number (801)



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

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

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

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Greater Monument Butte Unit:

Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East
API 43-013-32834
Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East
API 43-013-32770
West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32288
Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33061
Federal 9-13T-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32954
Federal 4-19-9-16 well located in NW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33065

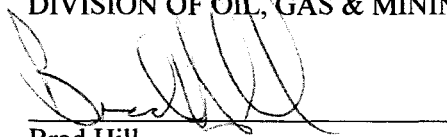
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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

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

Dated this 24th day of April, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

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

Cause No. UIC-407

Publication Notices were sent to the following:

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

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

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

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

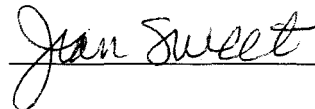
Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 24, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

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

To Whom It May Concern:

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

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 <jsweet@utah.gov>

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

1 message

Cindy Kleinfelter <classifieds@ubstandard.com>

Wed, Apr 24, 2013 at 4:08 PM

To: Jean Sweet <jsweet@utah.gov>

On 4/24/2013 2:20 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-5329

This will go in April 30.

Thanks

Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 24, 2013

VIA E-MAIL naclegal@mediaoneutah.com

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

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

To Whom It May Concern:

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

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





Jean Sweet <jsweet@utah.gov>

Legal Notice

1 message

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

Wed, Apr 24, 2013 at 4:41 PM

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

 **OrderConf.pdf**
153K

Order Confirmation for Ad #0000875164-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
E-Mail	juliecarter@utah.gov	Jean	mfulz

Total Amount	\$317.48			
Payment Amt	\$0.00			
Amount Due	\$317.48	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1

Payment Method PO Number UIC-407

Confirmation Notes:

Text: Jean

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

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	4/26/2013	

Order Confirmation for Ad #0000875164-01

Ad Content Proof Actual Size

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

April 11, 2013

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

RE: Permit Application for Water Injection Well
Ashley Federal #2-27-9-15
Monument Butte Field, Lease #UTU-027345
Section 27-Township 9S-Range 15E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #2-27-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

Eric Sundberg
Environmental Manager

RECEIVED

APR 12 2013

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ASHLEY FEDERAL #2-27-9-15
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-027345
APRIL 11, 2013

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Ashley Federal #2-27-9-15
Field or Unit name: Monument Butte (Green River) Lease No. UTU-027345
Well Location: QQ NWNE section 27 township 9S range 15E county Duchesne


Is this application for expansion of an existing project? Yes No
Will the proposed well be used for: Enhanced Recovery? Yes No
Disposal? Yes No
Storage? Yes No
Is this application for a new well to be drilled? Yes No
If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: _____
API number: 43-013-32834

Proposed injection interval: from 3909 to 5936
Proposed maximum injection: rate 500 bpd pressure 1913 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/2
mile of the well.

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

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

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

Name: Eric Sundberg Signature 
Title Environmental Manager Date 4/11/13
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Ashley Federal 2-27-9-15

Spud Date: 8-10-06
 Put on Production: 9-13-06
 GL: 6563' KB: 6575'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

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

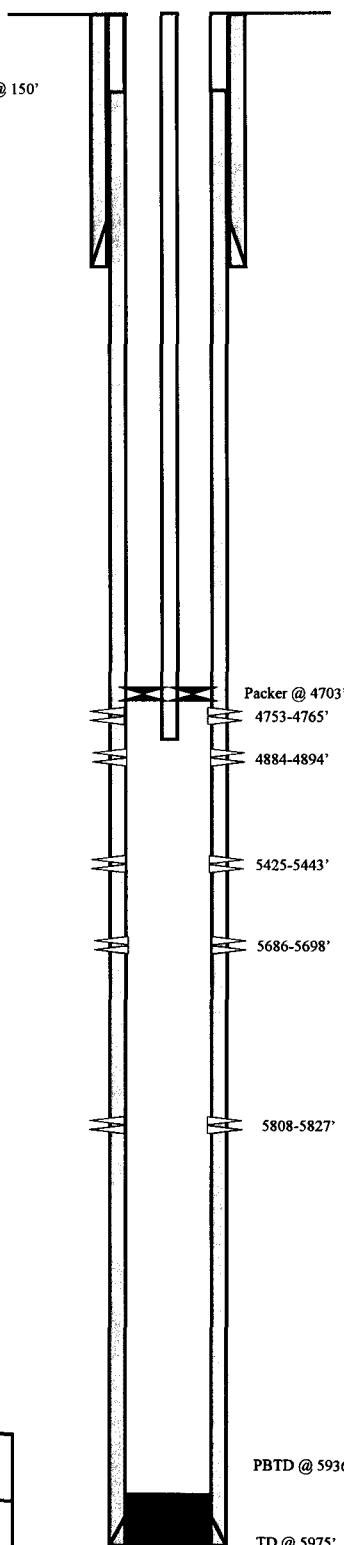
PRODUCTION CASING

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

TUBING

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

Cement top @ 150'



FRAC JOB

09-07-06	5808-5827'	Frac CP5 sands as follows: 39592# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 24.8 BPM. ISIP 2375 psi. Calc flush: 5806 gal. Actual flush: 5334 gal.
09-07-06	5686-5698'	Frac CP3 sands as follows: 29058# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 5684 gal. Actual flush: 5166 gal.
09-07-06	5425-5443'	Frac LODC sands as follows: 48836# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5423 gal. Actual flush: 4998 gal.
09-07-06	4884-4894'	Frac B2 sands as follows: 49539# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2285 w/ avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4882 gal. Actual flush: 4410 gal.
09-07-06	4753-4765'	Frac C sands as follows: 58685# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 2300 w/ avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4751 gal. Actual flush: 4662 gal.
7/30/07		Pump change: Updated rod & tubing detail.
11/05/09		Pump change: Updated rod & tubing detail.

PERFORATION RECORD

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

NEWFIELD

Ashley Federal 2-27-9-15

938' FNL & 2087' FEL
 NW/NE Section 27-T9S-R18E
 Duchesne Co, Utah
 API # 43-013-32834; Lease # UTU-027345

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 #2-27-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Ashley Federal #2-27-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3909' - 5936'). 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 3559' and the TD is at 5975'.

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

The referenced log for the Ashley Federal #2-27-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-027345) 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 315' KB, and 5-1/2", 15.5# casing run from surface to 5957' 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 1913 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 #2-27-9-15, for existing perforations (4753' - 5827') calculates at 0.78 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 1913 psig. We may add additional perforations between 3559' and 5975'. 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 #2-27-9-15, the proposed injection zone (3909' - 5936') 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-9.

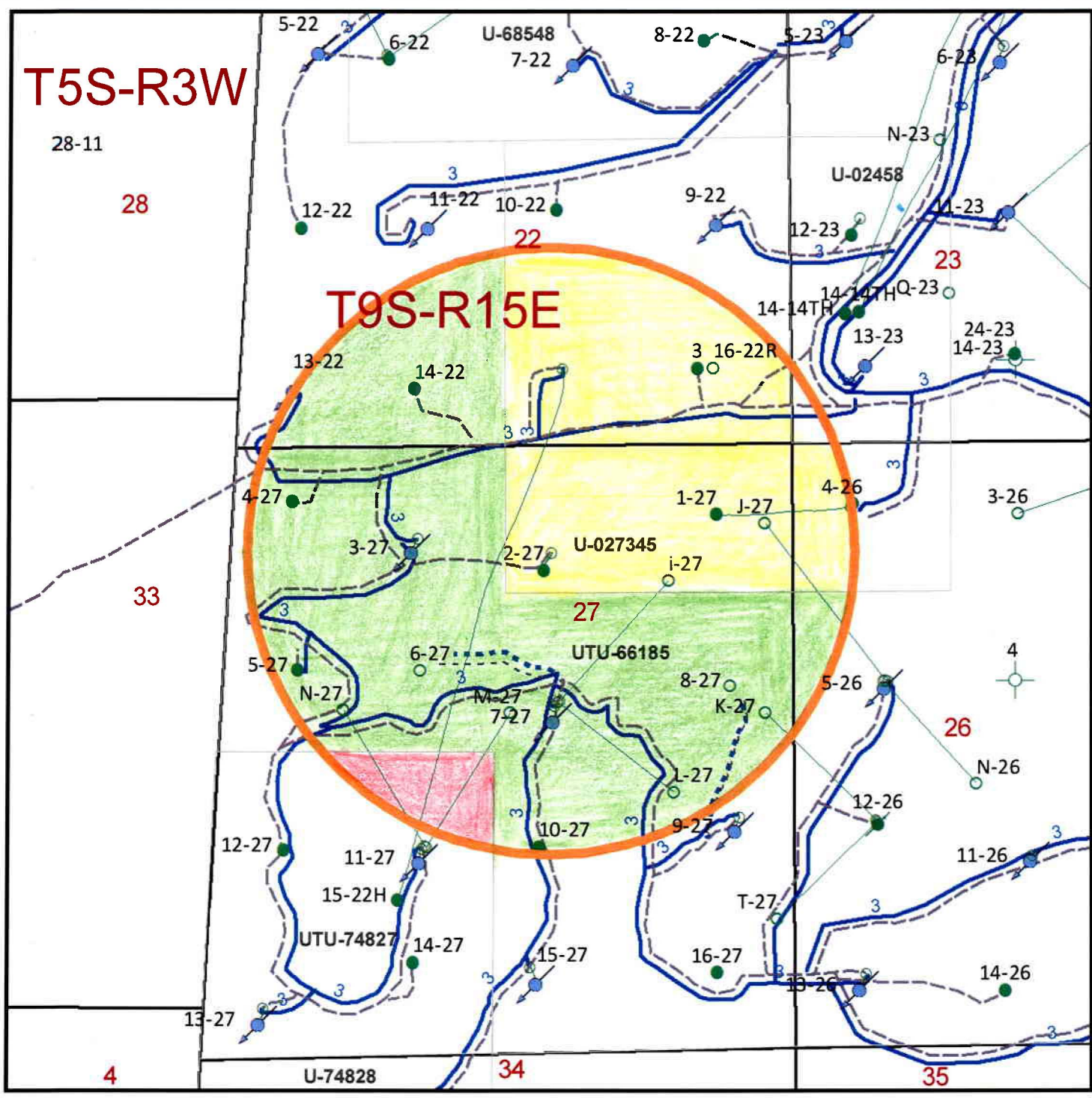
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

- Location
- ◻ CT1
- ◻ Surface Spud
- ◻ Drilling
- ◻ Waiting on Completion
- Producing Oil Well
- ★ Producing Gas Well
- ⚡ Water Injection Well
- ⊕ Dry Hole
- ⊖ Temporarily Abandoned
- ⊖ Plugged & Abandoned
- ⊖ Shut In
- Countyline

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed
- ▭ Leases
- ▭ Mining tracts

UTU-027345

UTU-66185

UTU-74827

Ashley Federal 2-27
Section 27, T9S-R15E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,250 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

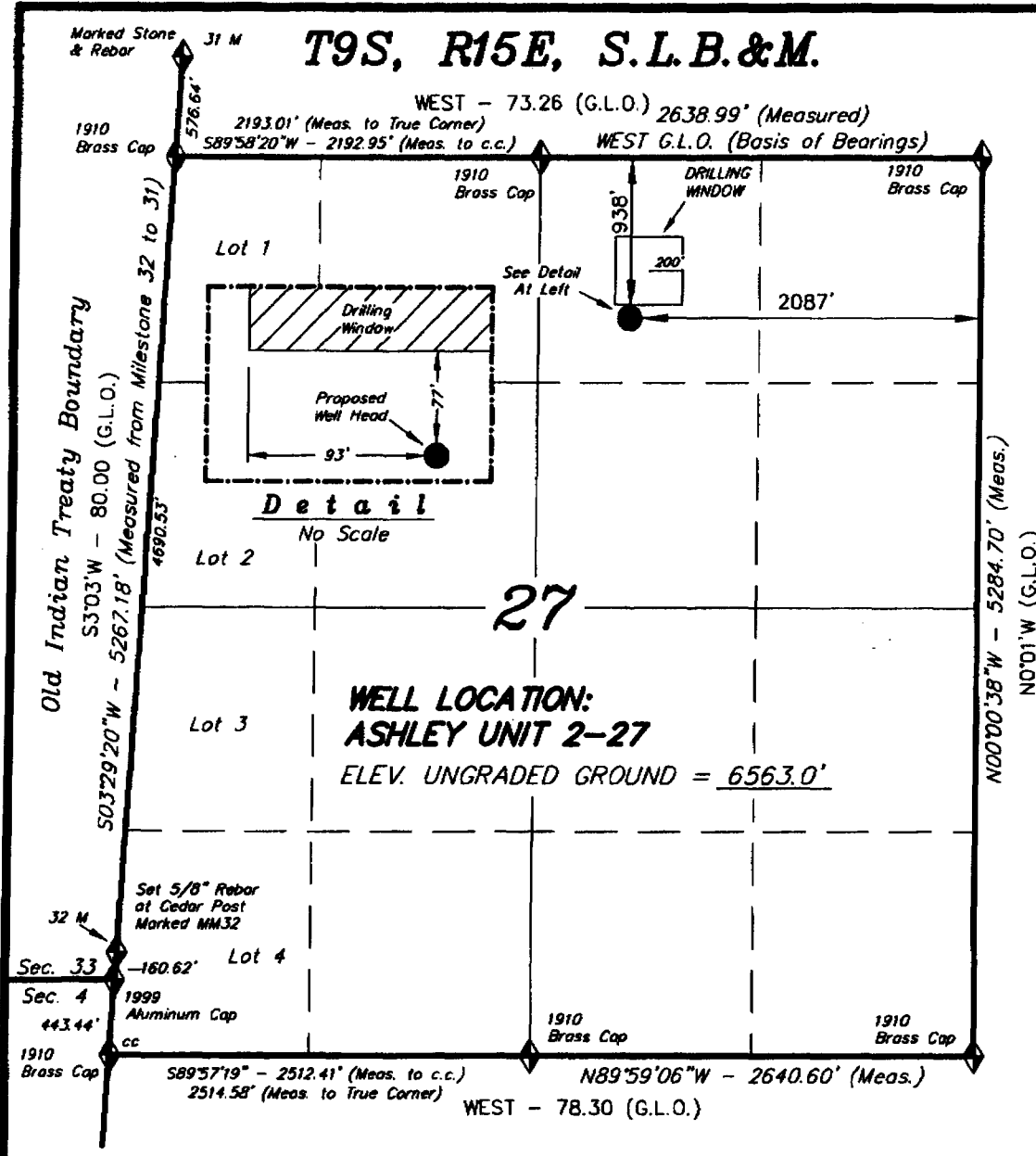
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

March 27, 2013

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

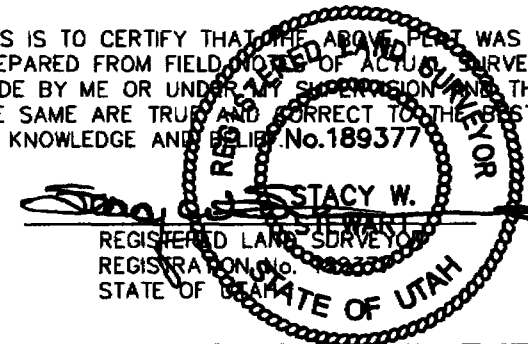
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 2-27,
 LOCATED AS SHOWN IN THE NW 1/4 NE
 1/4 OF SECTION 27, T9S, R15E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:
 ASHLEY UNIT 2-27**
 ELEV. UNGRADED GROUND = 6563.0'

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



◆ = 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: 5-3-05	DRAWN BY: F.T.M.
NOTES:	FILE #

EXHIBIT B


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 22: SE Section 26: NWNW Section 27: N2NE	USA UTU-027345 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 27: E2SW, LOTS 3, 4	USA UTU-74827 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Ashley Federal #2-27-9-15

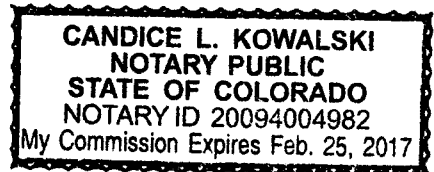
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 11th day of April, 2013.

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

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



Ashley Federal 2-27-9-15

Spud Date: 8-10-06
 Put on Production: 9-13-06
 GL: 6563' KB: 6575'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

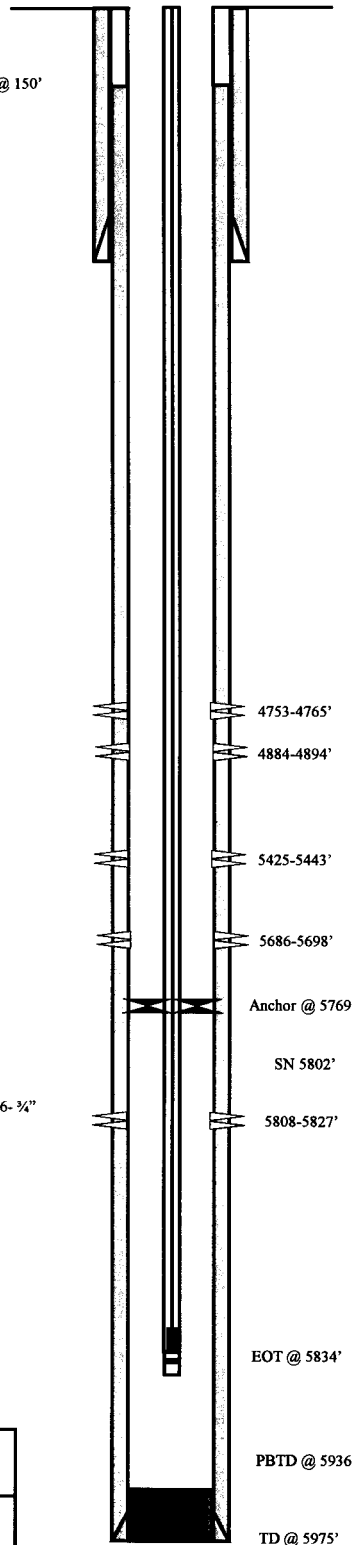
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5947.90')
 DEPTH LANDED: 5957.15' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 150'

TUBING

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

SUCKER RODS

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



FRAC JOB

09-07-06	5808-5827'	Frac CP5 sands as follows: 39592# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 24.8 BPM. ISIP 2375 psi. Calc flush: 5806 gal. Actual flush: 5334 gal.
09-07-06	5686-5698'	Frac CP3 sands as follows: 29058# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 5684 gal. Actual flush: 5166 gal.
09-07-06	5425-5443'	Frac LODC sands as follows: 48836# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5423 gal. Actual flush: 4998 gal.
09-07-06	4884-4894'	Frac B2 sands as follows: 49539# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2285 w/ avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4882 gal. Actual flush: 4410 gal.
09-07-06	4753-4765'	Frac C sands as follows: 58685# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 2300 w/ avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4751 gal. Actual flush: 4662 gal.
7/30/07		Pump change: Updated rod & tubing detail.
11/05/09		Pump change: Updated rod & tubing detail.

PERFORATION RECORD

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

NEWFIELD

Ashley Federal 2-27-9-15

938' FNL & 2087' FEL
 NW/NE Section 27-T9S-R18E
 Duchesne Co, Utah
 API # 43-013-32834; Lease # UTU-027345

Spud Date: 04/15/08
 Put on Production: 05/29/08
 GL: 6505' KB: 6517'

ASHLEY FEDERAL 1-27-9-15

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.98')
 DEPTH LANDED: 325.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (6094.69')
 DEPTH LANDED: 6107.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
 CEMENT TOP: 146'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 129 jts (4030.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4042.1' KB
 ON/OFF TOOL AT: 4043.2'
 ARROW #1 PACKER CE AT: 4049.2'
 XO 2-3/8 x 2-7/8 J-55 AT: 4052.2'
 TBG PUP 2-3/8 J-55 AT: 4052.7'
 X/N NIPPLE AT: 4056.9'
 TOTAL STRING LENGTH: EOT @ 4058.41'

FRAC JOB

05/19/08 6190-6238' **Frac A3 sands as follows:**
 52193# 20/40 sand in 460 bbbls Lightning 17
 frac fluid Treated @ avg press of 2708 psi
 w/avg rate of 23.0 BPM ISIP 2869 psi

05/19/08 5016-5023' **Frac A.5 sands as follows:**
 41916# 20/40 sand in 401 bbl Lightning 17
 frac fluid Treated @ avg press of 2347 psi
 w/avg rate of 23.0 BPM ISIP 2347 psi

05/19/08 4778-4832' **Frac C & B.5 sands as follows:**
 89060# 20/40 sand in 679 bbbls Lightning 17
 frac fluid Treated @ avg press of 3027 psi
 w/avg rate of 23.1 BPM ISIP 3712 psi

05/19/08 4606-4618' **Frac D1 sands as follows:**
 90207# 20/40 sand in 680 bbbls Lightning 17
 frac fluid Treated @ avg press of 1965 psi
 w/avg rate of 24.9 BPM ISIP 2020 psi

05/19/08 4420-4427' **Frac PB11 sands as follows:**
 24468# 20/40 sand in 271 bbbls Lightning 17
 frac fluid Treated @ avg press of 3321 psi
 w/avg rate of 16.6 BPM ISIP 3211 psi
 Screened out w/11.435#s sand in csg.

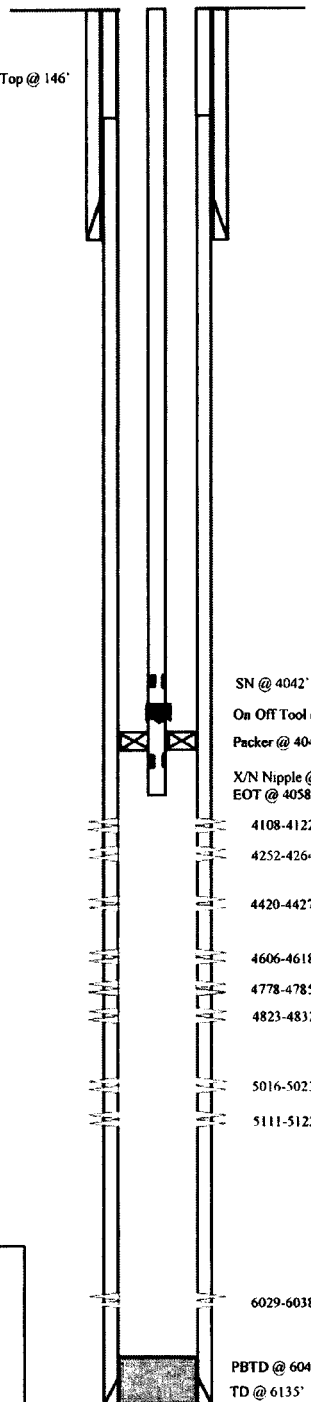
05/19/08 4252-4264' **Frac PB8 sands as follows:**
 31507# 20/40 sand in 406 bbbls Lightning 17
 frac fluid Treated @ avg press of 2767 psi
 w/avg rate of 16.6 BPM ISIP 3260 psi

05/19/08 4108-4122' **Frac GB6 sands as follows:**
 42378# 20/40 sand in 430 bbbls Lightning 17
 frac fluid Treated @ avg press of 1899 psi
 w/avg rate of 23.2 BPM ISIP 1950 psi

11/11/09 6029-6038' **Re-completion Frac Bx Carb sands as follows:**
 Frac with 69996# 100 mesh & 30/50
 sand in 1363 bbbls slick water

05/24/13 **Convert to Injection Well**

05/28/13 **Conversion MIT finalized - update tbg detail**



PERFORATION RECORD

5111-5122'	4 JSPF	44 holes
5016-5023'	4 JSPF	28 holes
4823-4832'	4 JSPF	36 holes
4778-4785'	4 JSPF	28 holes
4606-4618'	4 JSPF	48 holes
4420-4427'	4 JSPF	28 holes
4252-4264'	4 JSPF	48 holes
4108-4122'	4 JSPF	56 holes
6029-6038'	3 JSPF	27 holes

NEWFIELD

ASHLEY 1-27-9-15

560' FNL & 522' FWL (NW/NW)
 BHL 661' FNL & 660' FEL (NE/NE)
 Section 26-T9S-R15E
 Uintah Co, Utah
 API #43-013-33604; Lease # UTU027345

Ashley Federal 3-27-9-15

Spud Date: 6-15-06
 Put on Production: 9-6-06
 GL: 6603' KB: 6615'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (305.40')
 DEPTH LANDED: 317.25' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

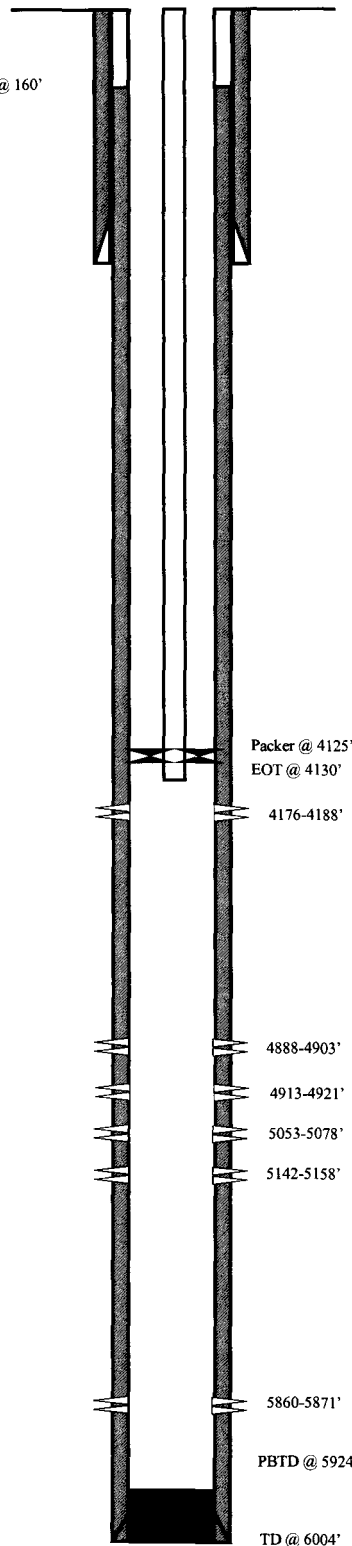
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5955.92')
 DEPTH LANDED: 5969.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 160'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 131 jts (4109.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4121.1'
 CE @ 4125.5'
 TOTAL STRING LENGTH: EOT @ 4130'

Injection Wellbore Diagram

Cement top @ 160'



FRAC JOB

08-30-06	5860-5871'	Frac CP5 sands as follows: 30580# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 3290 psi w/avg rate of 21.6 BPM. ISIP 2375 psi. Calc flush: 5858 gal. Actual flush: 5301 gal.
08-30-06	5142-5158'	Frac A3 sands as follows: 40444# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi w/avg rate of 25 BPM. ISIP 2725 psi. Calc flush: 5140 gal. Actual flush: 5166 gal.
08-30-06	5053-5078'	Frac A1 sands as follows: 100360# 20/40 sand in 711 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 25 BPM. ISIP 2775 psi. Calc flush: 5051 gal. Actual flush: 4544 gal.
08-30-06	4888-4921'	Frac B2 sands as follows: 130527# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1730 w/ avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4886 gal. Actual flush: 4326 gal.
08-31-06	4176-4188'	Frac GB6 sands as follows: 70056# 20/40 sand in 521 bbls Lightning 17 frac fluid. Treated @ avg press of 1745 w/ avg rate of 25.1 BPM. ISIP 1975 psi. Calc flush: 4174 gal. Actual flush: 4047 gal.
02-12-07		Workover: Update rod and tubing details.
07-05-07		Pump Change: Updated rod detail.
7/30/07		Pump change: Updated rod & Tubing detail
8/10/10		Convert to Injection well
8/12/10		MIT Completed – tbg detail updated

PERFORATION RECORD

08-21-06	5860-5871'	4 JSPF	44 holes
08-30-06	5142-5158'	4 JSPF	64 holes
08-30-06	5053-5078'	4 JSPF	100 holes
08-30-06	4913-4921'	4 JSPF	32 holes
08-30-06	4888-4903'	4 JSPF	60 holes
08-30-06	4176-4188'	4 JSPF	48 holes



Ashley Federal 3-27-9-15

812' FNL & 1638' FWL
 NE/NW Section 27-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32835; Lease # UTU-66185

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

Ashley 4-27-9-15

Initial Production: 56.4 BOPD,
 25.0 MCFD, 34.3 BWPD

SURFACE CASING

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

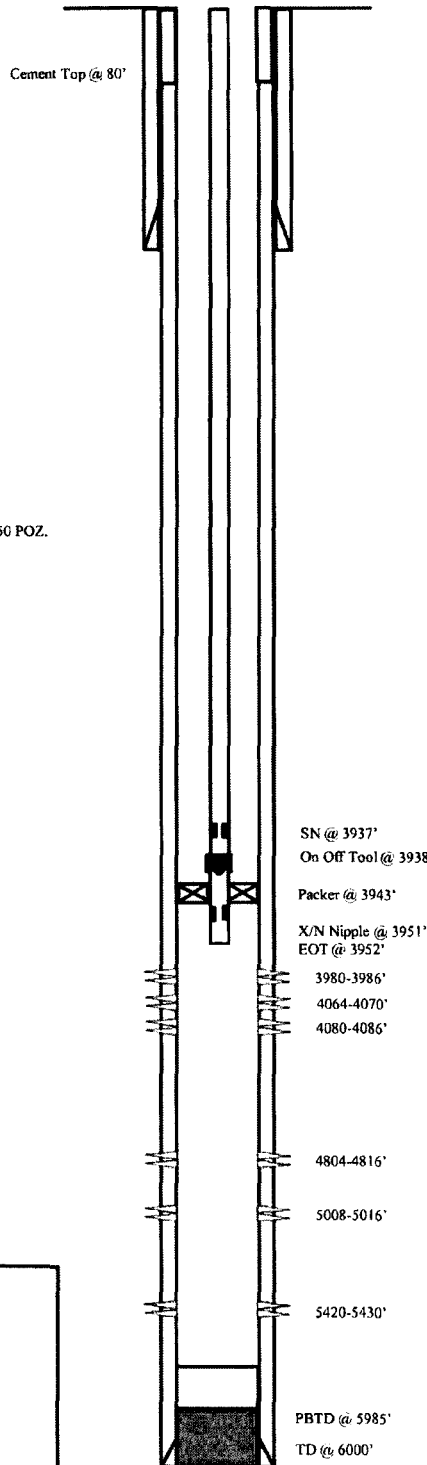
PRODUCTION CASING

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

TUBING

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

Injection Wellbore Diagram



FRAC JOB

9-17-07	5420-5430'	Frac LODCsands as follows: 25028# 20/40 sand in 364 bbls Lightning 17 fluid. Treat at 2220psi @ 24.8 BPM. ISIP 21755 psi. Calc flush: 5418 gal Actual flush: 4880 gal
9-20-07	5008-5016'	Frac A1 sands as follows: 89899# 20/40 sand in 699 bbls Lightning 17 fluid. Treat at 2143 psi @ 24.7 BPM. ISIP 2385psi. Calc flush: 5006 gal Actual flush: 4498 gal
9-20-07	4804-4816'	Frac B.5 sands as follows: Frac with 55137# 20/40 sand in 490 bbls Lightning 17 fluid. Treat at 1983 psi @ 24.8 BPM. ISIP 2124 psi. Calc flush: 4802 gal Actual flush: 4284 gal
9-20-07	4064-4086'	Frac GB4 sand as follows: Frac with 24052# 20/40 sand in 327 bbls Lightning 17 fluid. Treat at 2018 psi @ 24.8 BPM. ISIP 1787 psi. Calc flush: 4062 gal. Actual flush: 3557 gal.
9-20-07	3980-3986'	Frac GB2 sands as follows: Frac with 16234# 20/40 sand in 257 bbls Lightning 17 fluid. Treat at 2455 psi @ 24.8 BPM. ISIP 2216 psi. Calc flush: 3978 gal Actual flush: 3885 gal.
8/31/09		Tubing Leak. Updated rod & tubing details
11/05/13		Convert to Injection Well
11/06/13		Conversion MIT Finalized update tbg detail

PERFORATION RECORD

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

NEWFIELD

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

Spud Date: 05/31/06
 Put on Production: 07/11/06
 K.B.: 6595, G.L.: 6583

Ashley Federal 5-27-9-15

Injection
 Wellbore Diagram

SURFACE CASING

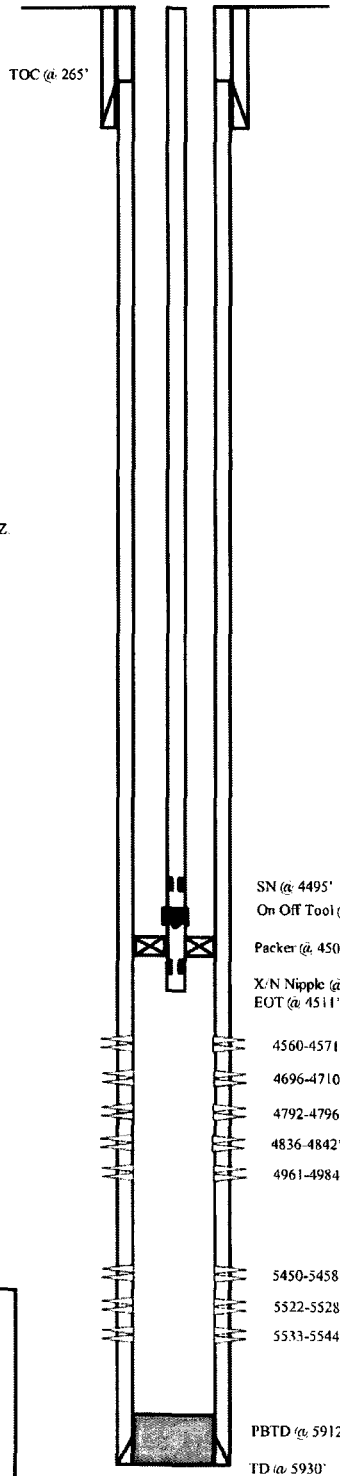
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (305 25')
 DEPTH LANDED: 317.10' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 142 jts (4483 2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4495 2' KB
 ON/OFF TOOL AT: 4496 3'
 ARROW #1 PACKER CE AT: 4502'
 XO 2-3/8 x 2-7/8 J-55 AT: 4505 1'
 TBG PUP 2-3/8 J-55 AT: 4505 6'
 X'N NIPPLE AT: 4509 7'
 TOTAL STRING LENGTH: EOT @ 4511 24'



FRAC JOB

07/03/06 5450-5544' **Frac CP1, CP2, sands as follows:**
 50357# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1638 psi w/avg rate of 25.2 BPM. ISIP 1875 psi Calc flush: 5542 gal. Actual flush: 4922 gal.

07/05/06 4961-4984' **Frac A1 sands as follows:**
 79561# 20/40 sand in 594 bbls Lightning 17 frac fluid. Treated @ avg press of 2165 psi w/avg rate of 25.2 BPM. ISIP 2650 psi Calc flush: 4982 gal. Actual flush: 4452 gal.

07/05/06 4792-4842' **Frac B1, B2 sands as follows:**
 69877# 20/40 sand in 537 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 psi w/avg rate of 25.2 BPM. ISIP 2000 psi Calc flush: 4840 gal. Actual flush: 4330 gal.

07/06/06 4696-4710' **Frac C sands as follows:**
 63197# 20/40 sand in 499 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 2125 psi Calc flush: 4708 gal. Actual flush: 4200 gal.

07/08/06 4560-4571' **Frac D2 sands as follows:**
 63672# 20/40 sand in 497 bbls Lightning 17 frac fluid. Treated @ avg press of 1839 psi w/avg rate of 24.9 BPM. ISIP 2000 psi Calc flush: 4569 gal. Actual flush: 4452 gal.

02/05/07 **Pump Change.** Update rod and tubing details
 2-4-08 **Pump Change.** Updated rod & tubing details
 8/20/09 **Parted rods.** Updated rod & tubing details
 11/08/13 **Convert to Injection Well**
 11/12/13 **Conversion MIT Finalized** -- update tbg detail

PERFORATION RECORD

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

NEWFIELD

Ashley Federal 5-27-9-15
 1961' FNL & 656' FWL
 SW/NW Section 27-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32836; Lease #UTU-66185

Ashley Federal 7-27-9-15

Spud Date: 06/16/06
 Put on Production: 08/01/06
 K.B.: 6440, G.L.: 6428

Injection Wellbore Diagram

SURFACE CASING

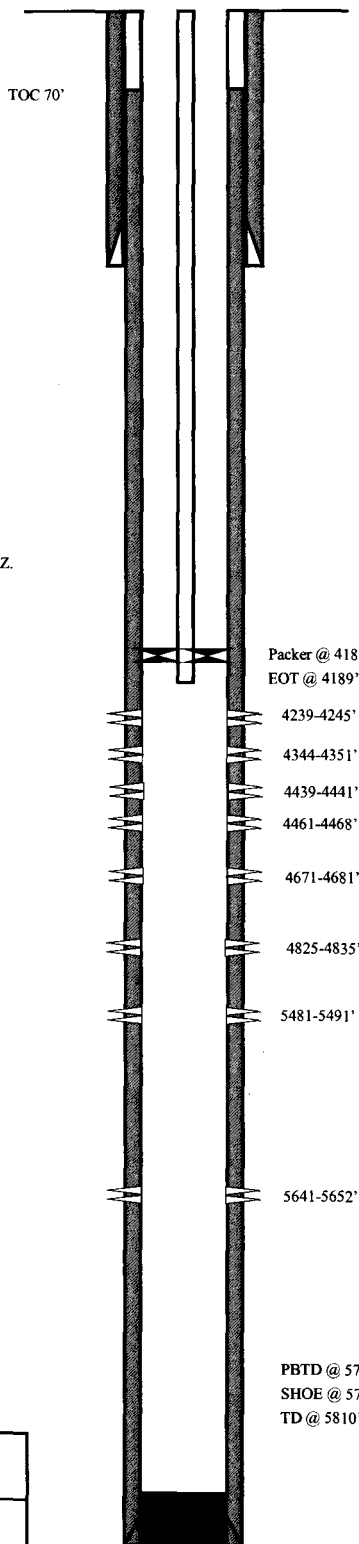
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.91')
 DEPTH LANDED: 314.76' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5796.39')
 DEPTH LANDED: 5795.63' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 TOP OF CEMENT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 132 jts (4168.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4180.1' KB
 CE @ 4185'
 TOTAL STRING LENGTH: EOT @ 4189' KB



FRAC JOB

07/25/06	5641-5652'	Frac CP5, sands as follows: 38880# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 2305 psi w/avg rate of 24.9 BPM. ISIP 2400 psi. Calc flush: 5650 gal. Actual flush: 5082 gal.
07/26/06	5481-5491'	Frac CP3 sands as follows: 39467# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2329 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5489 gal. Actual flush: 4956 gal.
07/26/06	4825-4835'	Frac A1 sands as follows: 79110# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 24.7 BPM. ISIP 3000 psi. Calc flush: 4833 gal. Actual flush: 4284 gal.
07/26/06	4671-4681'	Frac B2 sands as follows: 18379# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 1732 psi w/avg rate of 14.3 BPM. ISIP 1990 psi. Calc flush: 4679 gal. Actual flush: 4158 gal.
07/26/06	4344-4351'	Frac DS3 sands as follows: 18127# 20/40 sand in 277 bbls Lightning 17 frac fluid. Treated @ avg press of 2426 psi w/avg rate of 14.3 BPM. ISIP 1850 psi. Calc flush: 4349 gal. Actual flush: 3780 gal.
07/26/06	4239-4245'	Frac X-stray sands as follows: 23450# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 2077 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 4243 gal. Actual flush: 4158 gal.
4/12/2010		Pump Change. Update rod and tubing details.
10/13/10	4439-4468'	Frac D2 sands as follows: 27979# 20/40 sand in Lightning 17 fluid.
10/15/10		Convert to Injection well - tbg detail updated
10/20/10		MIT Completed

PERFORATION RECORD

07/20/06	5641-5652'	4 JSPF	44 holes
07/25/06	5481-5491'	4 JSPF	40 holes
07/26/06	4825-4835'	4 JSPF	40 holes
07/26/06	4671-4681'	4 JSPF	40 holes
07/26/06	4344-4351'	4 JSPF	28 holes
07/26/06	4239-4245'	4 JSPF	24 holes
10/13/10	4461-4468'	3 JSPF	21 holes
10/13/10	4439-4441'	3 JSPF	6 holes

NEWFIELD

Ashley Federal 7-27-9-15

2277' FNL & 2057' FEL

SW/NE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32838; Lease #UTU-66185

Ashley Federal 10-27-9-15

Spud Date: 06/19/06
 Put on Production 08/03/06
 K B : 6483, G L : 6471

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301 23')
 DEPTH LANDED: 311 23' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G", circ 5 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15 5#
 LENGTH: 132 jts (5811 34')
 DEPTH LANDED: 5809 34' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP: 103' per CBL 7/25/06

TUBING

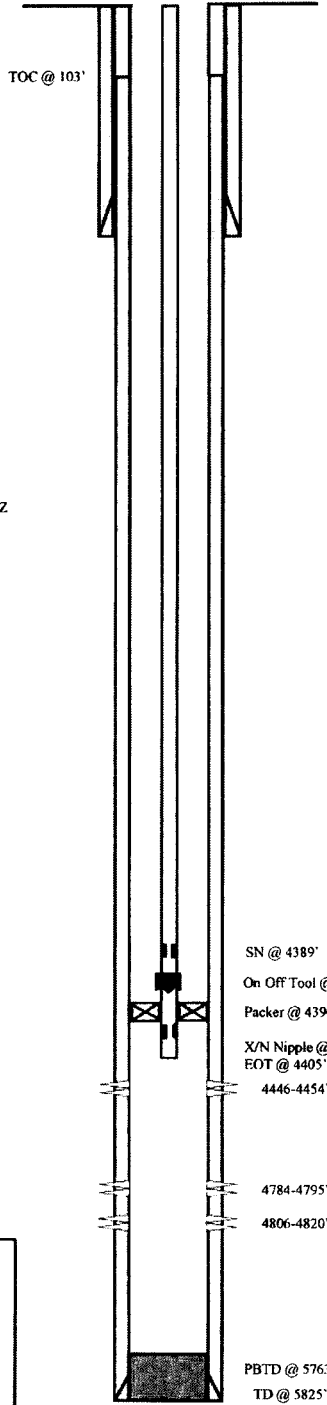
SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#
 NO OF JOINTS: 138 jts (4377 4')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 4389 4' KB
 ON/OFF TOOL AT: 4390 5'
 ARROW #1 PACKER CE AT: 4396'
 XO 2-3/8 x 2-7/8 J-55 AT: 4399 3'
 TBG PUP 2-3/8 J-55 AT: 4399 8'
 X/N NIPPLE AT: 4403 9'
 TOTAL STRING LENGTH: EOT @ 4405 43'

FRAC JOB

08/01/06 4784-4820' **Frac A1, A3 sands as follows:**
 80975# 20/40 sand in 588 bbls Lightning 17
 frac fluid Treated @ avg press of 2217 psi
 w/avg rate of 25 l BPM ISIP 2600 psi Calc
 flush: 4818 gal Actual flush: 4662 gal

11/20/06 4446'-4454' **Frac D2 sands as follows:** 50,000# 20/40
 sand in 19,950 bbls Lightning 17 frac fluid
 Treated w/ avg press of 1596 psi @ avg rate
 of 24 9 BPM ISIP 1700 psi

01/24/07 **Pump Change:** Rod & Tubing Detail Updated
 03/20/07 **Pump Change:** Rod & Tubing Detail Updated
 12/16/08 **Pump Change:** Updated rod & tubing details
 7/22/09 **Pump Change:** Updated r & t details
 05/07/13 **Convert to Injection Well**
 05/08/13 **Conversion MIT Finalized** - update tbg
 detail



PERFORATION RECORD

07/25/06 4784-4795' 4 JSPF 44 holes
 07/25/06 4806-4820' 4 JSPF 56 holes
 11/17/06 4446'-4454' 4 JSPF 32 holes

NEWFIELD

Ashley 10-27-9-15
 1779' FSL & 2202' FEL
 NW/SE Section 27-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32876; Lease #UTU-66185

Ashley Federal 13-22-9-15

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

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

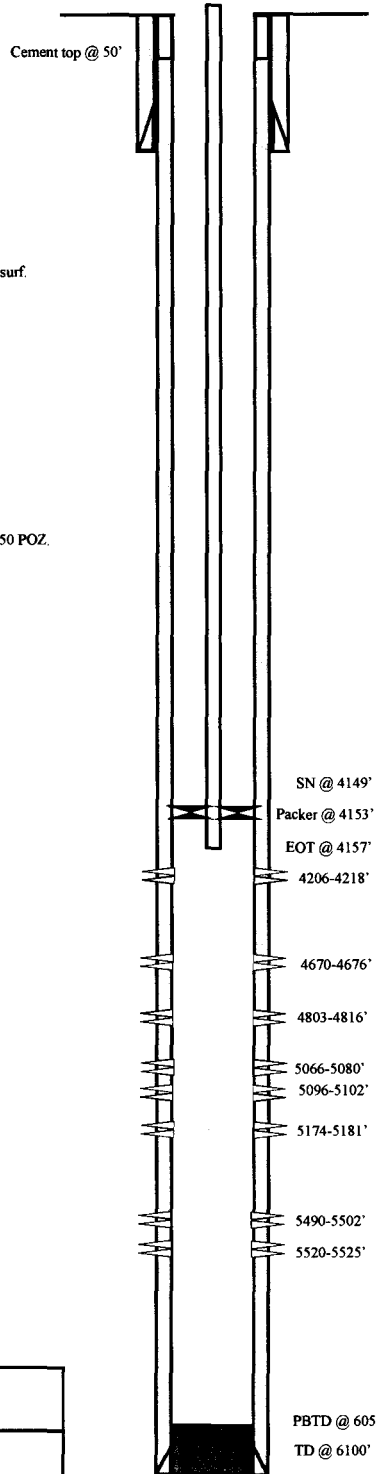
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300.51')
 DEPTH LANDED: 308.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5.5 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

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



FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD

Ashley Federal 13-22-9-15
 475' FSL & 481' FWL
 SW/SW Section 22-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32822; Lease #UTU-66185

NEWFIELD

Schematic

Well Name: **Ashley 14-22-9-15**

43-013-32823

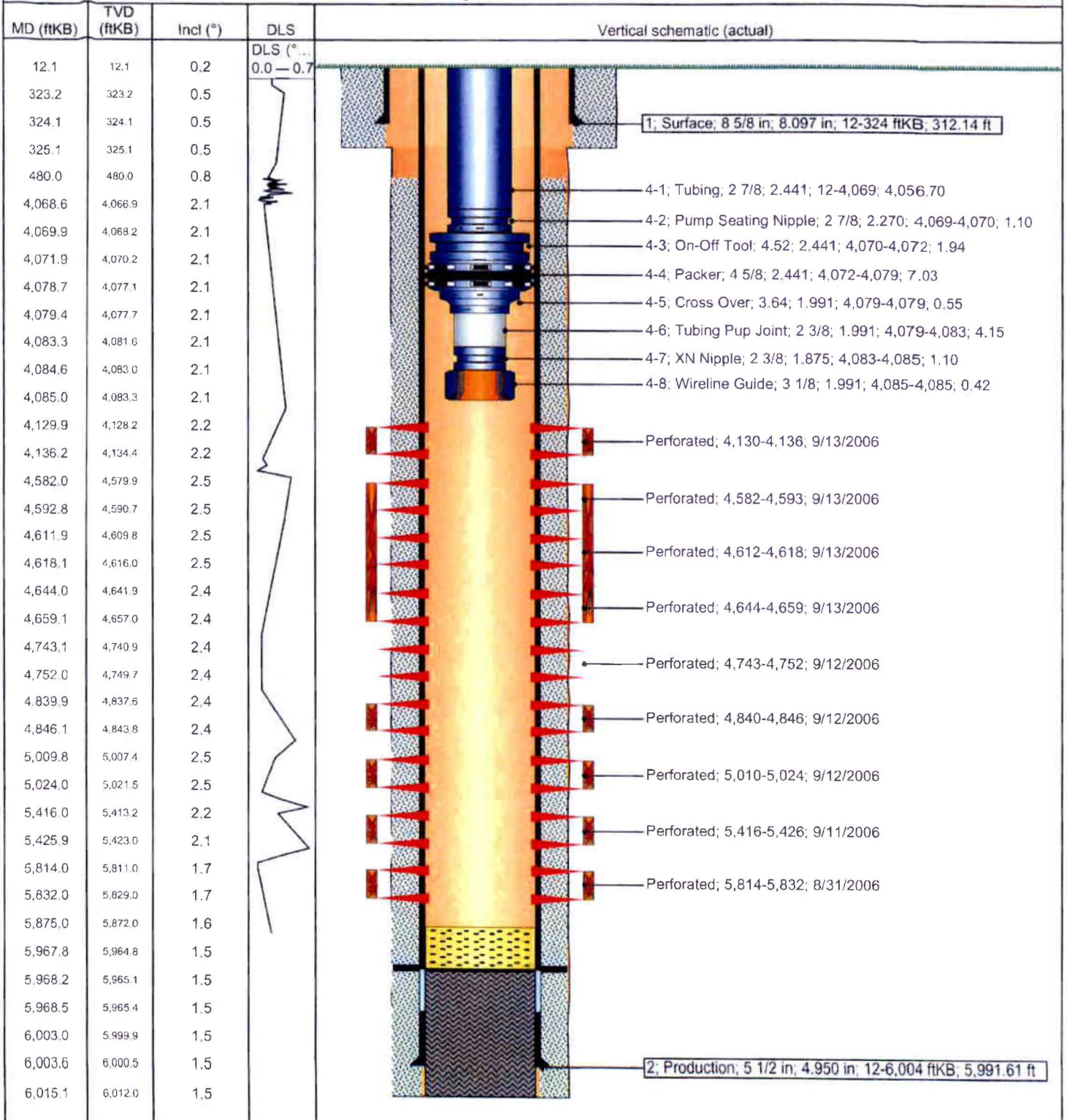
Surface Legal Location 22-9S-15E	API/UWI 43013328230000	Well RC 500159050	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 8/4/2006	Rig Release Date 8/23/2006	On Production Date 9/22/2006	Original KB Elevation (ft) 6,527	Ground Elevation (ft) 6,515	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,968.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 9/30/2014	Job End Date 10/6/2014
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TD: 6,015.0

Vertical - Original Hole, 10/7/2014 7:43:46 AM



Ashley Federal 4-26-9-15

Spud Date: 7-28-06
 Put on Production: 9-11-06
 GL: 6439' KB: 6451'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311 87')
 DEPTH LANDED: 323 72' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

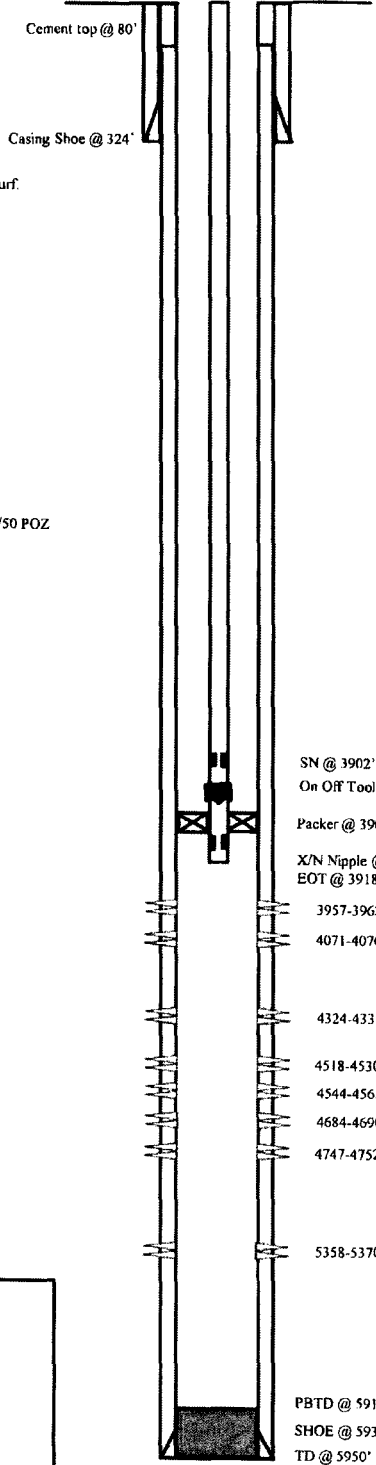
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15 5#
 LENGTH: 136 jts (5920 33')
 DEPTH LANDED: 5933 58' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT: 80'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#
 NO OF JOINTS: 122 jts (3890 4')
 SEATING NIPPLE: 2-7/8" (1 10")
 SN LANDED AT: 3902 4' KB
 ON/OFF TOOL AT: 3903 5'
 ARROW #1 PACKER CE AT: 3908 6'
 XO 2-3/8 x 2-7/8 J-55 AT: 3912 2'
 TBG PUP 2-3/8 J-55 AT: 3912 7'
 X/N NIPPLE AT: 3916 8'
 TOTAL STRING LENGTH: EOT @ 3918 39'

FRAC JOB

09-05-06	5358-5370'	Frac LODC sands as follows: 39671# 20/40 sand in 432 bbls Lightning 17 frac fluid Treated @ avg press of 2603 psi w/avg rate of 24 9 BPM ISIP 2500 psi Calc flush: 5356 gal Actual flush: 4830 gal
09-06-06	4684-4752'	Frac B .5, & C sands as follows: 24031# 20/40 sand in 337 bbls Lightning 17 frac fluid Treated @ avg press of 2301 psi w/avg rate of 24 9 BPM ISIP 2200 psi Calc flush: 4682 gal Actual flush: 4200 gal
09-06-06	4518-4565'	Frac D2, & D1 sands as follows: 149486# 20/40 sand in 985 bbls Lightning 17 frac fluid Treated @ avg press of 1855 psi w/avg rate of 25 2 BPM ISIP 1950 psi Calc flush: 4516 gal Actual flush: 4032 gal
09-06-06	4324-4331'	Frac PB11 sands as follows: 19160# 20/40 sand in 273 bbls Lightning 17 frac fluid Treated @ avg press of 2471 w/ avg rate of 25 2 BPM ISIP 2000 psi Calc flush: 4322 gal Actual flush: 3822 gal
09-06-06	4071-4076'	Frac GB6 sands as follows: 28480# 20/40 sand in 324 bbls Lightning 17 frac fluid Treated @ avg press of 1984 w/ avg rate of 25 1 BPM ISIP 1800 psi Calc flush: 4069 gal Actual flush: 3570 gal
09-06-06	3957-3962'	Frac GB2 sands as follows: 28765# 20/40 sand in 295 bbls Lightning 17 frac fluid Treated @ avg press of 2249 w/ avg rate of 25 1 BPM ISIP 1750 psi Calc flush: 3955 gal Actual flush: 3864 gal
9-10-07		Parted Rods. Updated rod & tubing details
1/15/09		Tubing Leak. Updated r & t details
7/16/2010		Tubing leak. Updated rod and tubing detail
10/14/13		Convert to Injection Well
10/18/13		Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

Date	Interval	Tool	Holes
08-22-06	5358-5370'	4 JSPF	48 holes
09-05-06	4747-4752'	4 JSPF	20 holes
09-05-06	4684-4690'	4 JSPF	24 holes
09-06-06	4544-4565'	4 JSPF	84 holes
09-06-06	4518-4530'	4 JSPF	48 holes
09-06-06	4324-4331'	4 JSPF	28 holes
09-06-06	4071-4076'	4 JSPF	20 holes
09-06-06	3957-3962'	4 JSPF	20 holes

NEWFIELD

Ashley Federal 4-26-9-15
 537' FNL & 535' FWL
 NW/NW Section 26-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32900; Lease # UTU-027345

43-013-50243

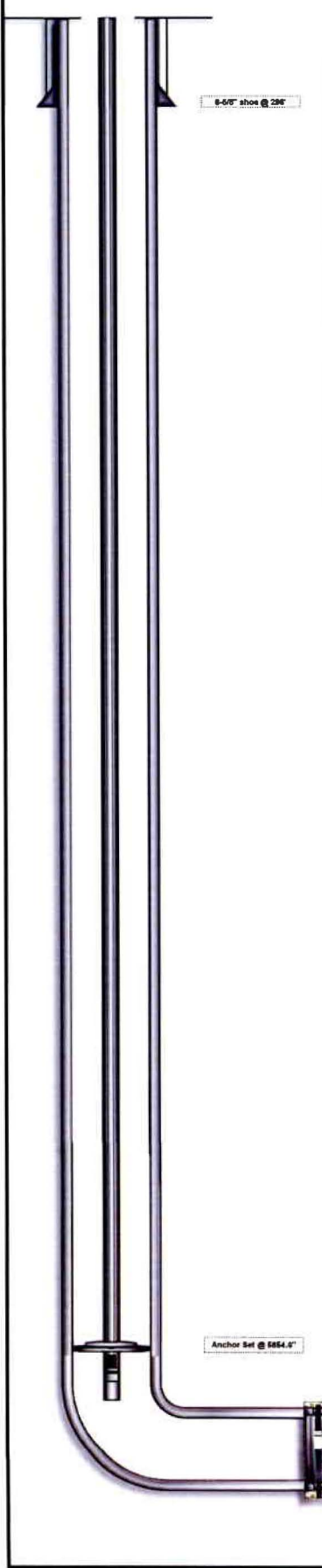


GMBU 15-22-9-15H
 Uinta Central Basin - Duchesne County, Utah, USA
 Surface Location: SW/SE, Sec 22, T8S R16E, 6W1 FSL, 197F FEL
 Elevation: 6481' OL + 13' KB

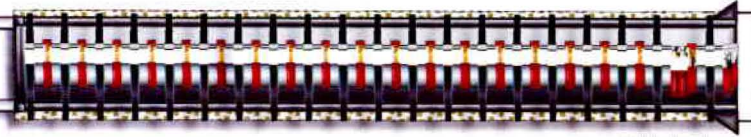
Marc Baretta
 PFM 6/6/2013

APW 43-013-50243

Spud Date: 8/1/2011 PoP Date: 10/26/2011



Casing Detail	Top		Bottom		Size	Wt	Grade	Drift	Burst	Collapse	ID	Joint	Coupling	Hole
	Surf	13.00	296.00	8.625										
Prod	13.00	6,242.52	5.500	208	L-80	4.053	9.190	8.830	4.778	0.0238	LTC			8.125
Liner	6,245.52	10,517.00	4.500	11.68	P-110	3.875	10.690	7.580	4.000	0.01554	LTC			8.125
Tubing Detail		Top	Bottom	Size	Wt	Grade	Coupling	Drift	Burst	Collapse	ID	Packer/Langer		
		13	8,099	2.875	6.5	J-55	8 RD EUE	2.347	10.667	11.165	2.441	5-1/2" Tubing Anchor Set @ 5854.6'		
													Single drag spring	
Rod Detail		Component	Top	Bottom	Size	Grade	Length	Count	Pump					
		Polish Rod	0	30	1 1/2"	Spray Metal	30	1	Weatherford Mogver 3 Insert Pump, 2.5 Max ID x 1.75 Plunger RHBC, Bol Lng 20", Ext Lng 23", Max Sl. 144", 5 SPM					
		Pony Rod	30	32	7/8"	Norms 97	2	1						
		Pony Rod	32	36	7/8"	Norms 96	4	1						
		Pony Rod	36	42	7/8"	Norms 97	6	1						
		Pony Rod	42	50	7/8"	Norms 96	8	1						
		Sucker Rod	50	5,892	1"	Corod	5,842	-						
		On/Off tool	5,892	5,892	-	-	1'	1						
		Pony Rod	5,892	5,895	3/4"	Norms 97	2	1						
Sleeves		Stage	Depth (ft)	Ball Seat ID	Ball OD	Disp. Vol bbl	Zone Length	Open Hole Packers	Top of Joint Depth (ft)					
Hydraulic Stage Collar		1	10430.4	2.100	Hydraulic	197.6	168'	OH Packer 1	10,494					
Weatherford Ball Drop Sleeve		2	10252.9	1.315	1.345	194.8	190'	OH Packer 2	10,328					
Weatherford Ball Drop Sleeve		3	10082.4	1.37	1.4	191.9	191'	OH Packer 3	10,135					
Weatherford Ball Drop Sleeve		4	9872.0	1.425	1.455	188.9	190'	OH Packer 4	9,945					
Weatherford Ball Drop Sleeve		5	9691.0	1.48	1.51	186	191'	OH Packer 5	9,754					
Weatherford Ball Drop Sleeve		6	9490.4	1.535	1.565	183	191'	OH Packer 6	9,563					
Weatherford Ball Drop Sleeve		7	9257.4	1.59	1.62	178.4	234'	OH Packer 7	9,373					
Weatherford Ball Drop Sleeve		8	9022.5	1.645	1.675	175.7	235'	OH Packer 8	9,138					
Weatherford Ball Drop Sleeve		9	8785.2	1.7	1.73	172.1	233'	OH Packer 9	8,904					
Weatherford Ball Drop Sleeve		10	8557.3	1.759	1.791	168.5	232'	OH Packer 10	8,671					
Weatherford Ball Drop Sleeve		11	8324.5	1.816	1.848	164.9	234'	OH Packer 11	8,440					
Weatherford Ball Drop Sleeve		12	8091.4	1.873	1.905	161.3	233'	OH Packer 12	8,206					
Weatherford Ball Drop Sleeve		13	7858.7	1.93	1.962	157.6	233'	OH Packer 13	7,973					
Weatherford Ball Drop Sleeve		14	7625.2	1.987	2.019	154	233'	OH Packer 14	7,740					
Weatherford Ball Drop Sleeve		15	7391.7	2.044	2.076	150.4	233'	OH Packer 15	7,507					
Weatherford Ball Drop Sleeve		16	7158.8	2.101	2.133	146.8	232'	OH Packer 16	7,274					
Weatherford Ball Drop Sleeve		17	6926.0	2.158	2.19	143.1	234'	OH Packer 17	7,042					
Weatherford Ball Drop Sleeve		18	6693.2	2.215	2.247	139.5	233'	OH Packer 18	6,808					
Weatherford Ball Drop Sleeve		19	6460.6	2.272	2.304	135.9	235'	OH Packer 19	6,576					
N/A		-	-	-	-	-	-	OH Packer 20	6,301					
Stage		Date	Top	Bottom	Max STP	Avg Rate	Frac Summary							
19		10/18/2011	6,461	6,465	6,845	44.8	Frac Upland Butte as follows: Frac with 10990# 30/50 White Sand and 1153bbls fluid to recover							
18		10/18/2011	6,692	6,698	5,953	56.5	Frac Upland Butte as follows: Frac with 7312# 100 Mesh, 39360# 30/50 White Sand with 2180bbls fluid to recover							
17		10/18/2011	6,925	6,930	4,522	58.1	Frac Upland Butte as follows: Frac with 2238# 100 Mesh, 3681# 30/50 White Sand with 2027bbls fluid to recover							
16		10/18/2011	7,158	7,163	4,522	58.1	Frac Upland Butte as follows: Frac with 2238# 100 Mesh, 3681# 30/50 White Sand with 2042bbls fluid to recover							
15		10/18/2011	7,391	7,396	4,574	56.9	Frac Upland Butte as follows: Frac with 2241# 100 Mesh, 3879# 30/50 White Sand with 2026bbls fluid to recover							
14		10/18/2011	7,625	7,630	5,040	57.3	Frac Upland Butte as follows: Frac with 2323# 100 Mesh, 3588# 30/50 White Sand with 2039bbls fluid to recover							
13		10/18/2011	7,858	7,863	4,810	58.8	Frac Upland Butte as follows: Frac with 2220# 100 Mesh, 3743# 30/50 White Sand with 2032bbls fluid to recover							
12		10/18/2011	8,091	8,096	5,197	55.9	Frac Upland Butte as follows: Frac with 2234# 100 Mesh, 3769# 30/50 White Sand with 2071bbls fluid to recover							
11		10/18/2011	8,324	8,329	6,686	44.3	Frac Upland Butte as follows: Frac with 2240# 100 Mesh, 3756# 30/50 White Sand with 2103bbls fluid to recover							
10		10/18/2011	8,557	8,562	6,295	57.0	Frac Upland Butte as follows: Frac with 2231# 100 Mesh, 3756# 30/50 White Sand with 2099bbls fluid to recover							
9		10/18/2011	8,789	8,794	6,923	43.1	Frac Upland Butte as follows: Frac with 2558# 100 Mesh, 3299# 30/50 White Sand with 2054bbls fluid to recover							
8		10/18/2011	9,022	9,027	6,717	47.6	Frac Upland Butte as follows: Frac with 2545# 100 Mesh, 3403# 30/50 White Sand with 2054bbls fluid to recover							
7		10/18/2011	9,257	9,262	7,030	49.1	Frac Upland Butte as follows: Frac with 2540# 100 Mesh, 3403# 30/50 White Sand with 2067bbls fluid to recover							
6		10/18/2011	9,490	9,495	6,882	38.3	Frac Upland Butte as follows: Frac with 2877# 100 Mesh, 3097# 30/50 White Sand with 2242bbls fluid to recover							
5		10/18/2011	9,680	9,685	6,928	31.0	Frac Upland Butte as follows: Frac with 2856# 100 Mesh, 3042# 30/50 White Sand with 2102bbls fluid to recover							
4		10/18/2011	9,872	9,877	6,809	41.1	Frac Upland Butte as follows: Frac with 2856# 100 Mesh, 3075# 30/50 White Sand with 2192bbls fluid to recover							
3		10/18/2011	10,062	10,067	6,662	38.8	Frac Upland Butte as follows: Frac with 2891# 100 Mesh, 2552# 30/50 White Sand with 2039bbls fluid to recover							
2		10/18/2011	10,252	10,257	6,709	31.7	Frac Upland Butte as follows: Frac with 2387# 100 Mesh, 2087# 30/50 White Sand with 1755bbls fluid to recover							
1		10/18/2011	10,430	10,435	6,906	25.7	Frac Upland Butte as follows: Frac with 1875# 100 Mesh, 1588# 30/50 White Sand with 1597bbls fluid to recover							
CEMENT		Stage 1: 160 sa Class G ⁺ + 2% CaCl ₂ Mixed @ 19.8ppg W/1.17 yield returned 30bbls to pit. Cement to surface.												
Surf		Load cement (350 sack) Premium Lite 1 with 3% KCl, 10% bentonite, 1/2 sack Celco Fluke, 5 sack Red Seal and chemical additives mixed at 11.0ppg and 3.53 yield. Tail cement (290) aka. 50/50 Pos/Class G with 3% KCl, 2% bentonite, 1/4 sack Celco Fluke, and chemical additives mixed at 14.4ppg and 1.24 m/sk yield. Cement to Surface												
Prod		Uncemented												
Liner		Uncemented												



4-1/2" shoe @ 10,517'
 TVD = 8,747'
 BHT 228 F

NEWFIELD

Schematic

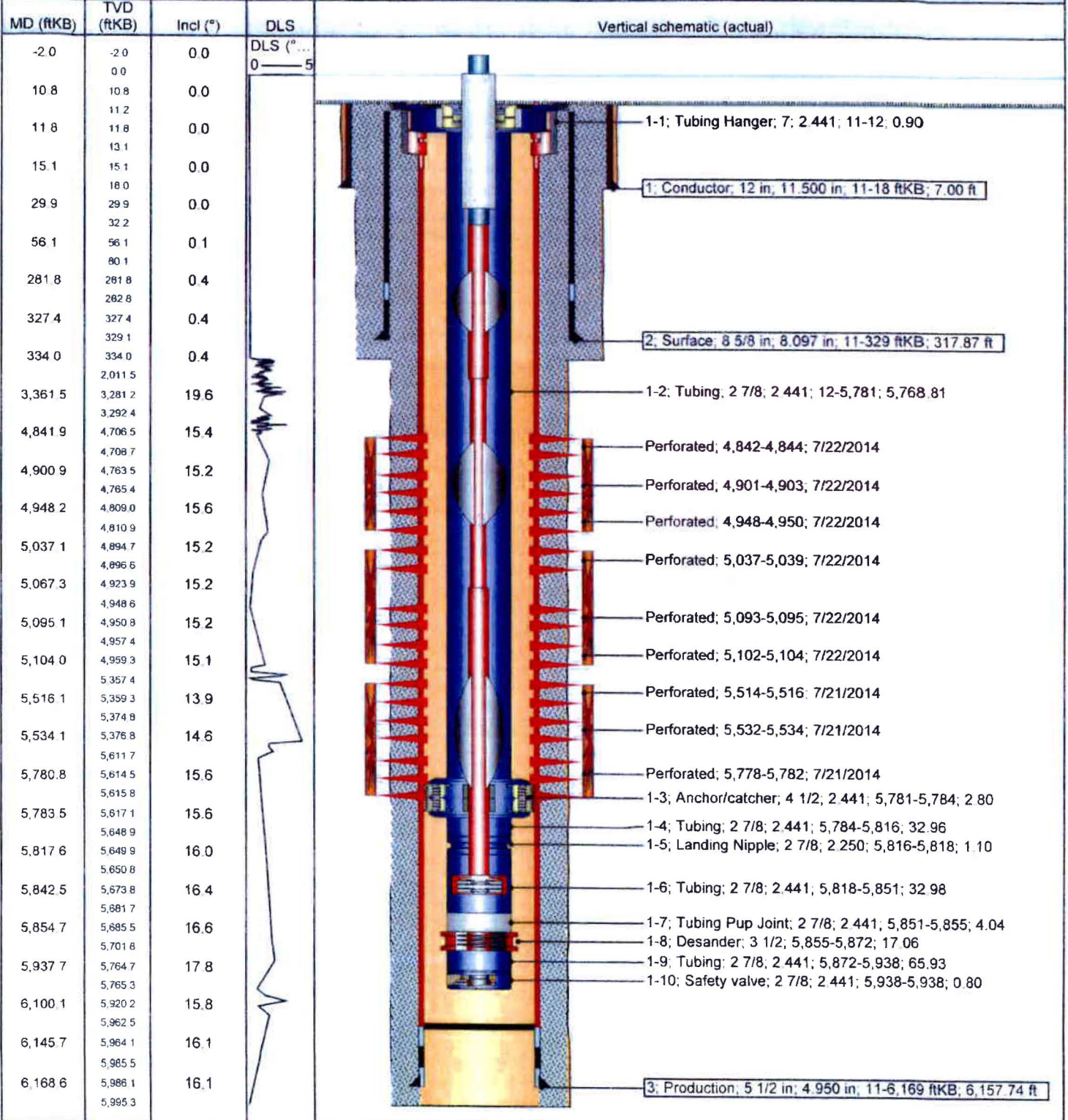
43-013-52193

Well Name: **GMBU K-27-9-15**

Surface Legal Location NWSW 1972 FSL 728 FWL Sec 26 T9S R15E		API/UWI 43013521930000	Well RC 500379313	Lease UTU66185	State/Province Utah	Field Name GMBU CTE3	County Duchesne
Spud Date 7/5/2014	Rig Release Date 7/8/2014	On Production Date 7/28/2014	Original KB Elevation (ft) 6,540	Ground Elevation (ft) 6,529	Total Depth All (TVD) (ftKB) Original Hole - 5,995.1	P6TD (All) (ftKB) Original Hole - 6,143.9	

Most Recent Job				
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 7/21/2014	Job End Date 7/28/2014

TD: 6,178.0 Slant - Original Hole. 9/24/2014 3:14:10 PM



NEWFIELD



Schematic

43-013-51996

Well Name: GMBU 8-27-9-15

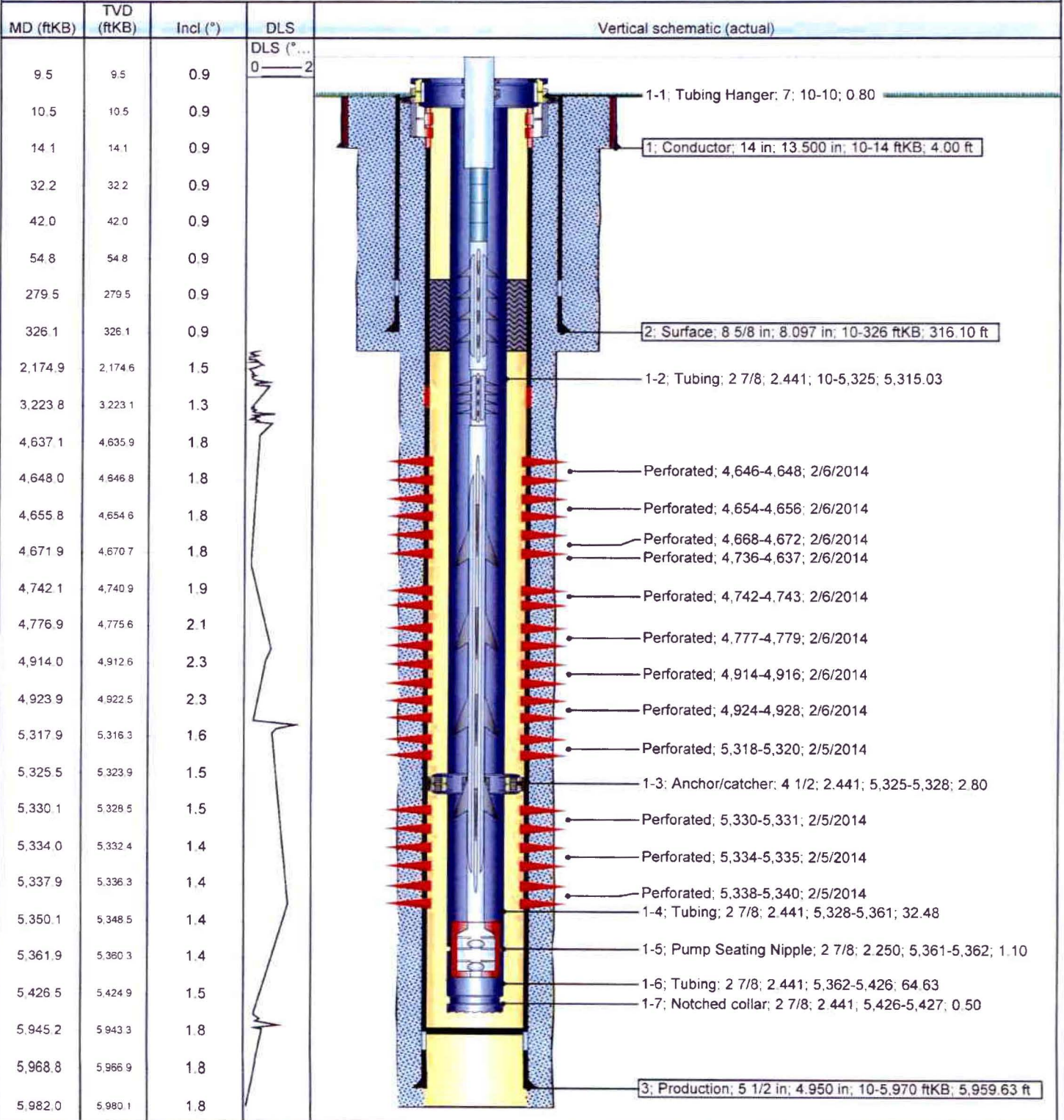
Surface Legal Location SENE 2132 FNL 532 FEL Sec 27 T9S R15E Mer SLB		API/UWI 43013519960000	Well RC 500159137	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 1/5/2014	Rig Release Date 1/18/2014	On Production Date 2/11/2014	Original KB Elevation (ft) 6,494	Ground Elevation (ft) 6,484	Total Depth All (TVD) (ftKB) Original Hole - 5,980.1	PBTD (All) (ftKB) Original Hole - 5,945.2	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/5/2014	Job End Date 2/11/2014
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TD: 5,982.0

Vertical - Original Hole, 1/6/2015 10:31:32 AM



NEWFIELD



Schematic

43-013-52240

Well Name: GMBU N-27-9-15

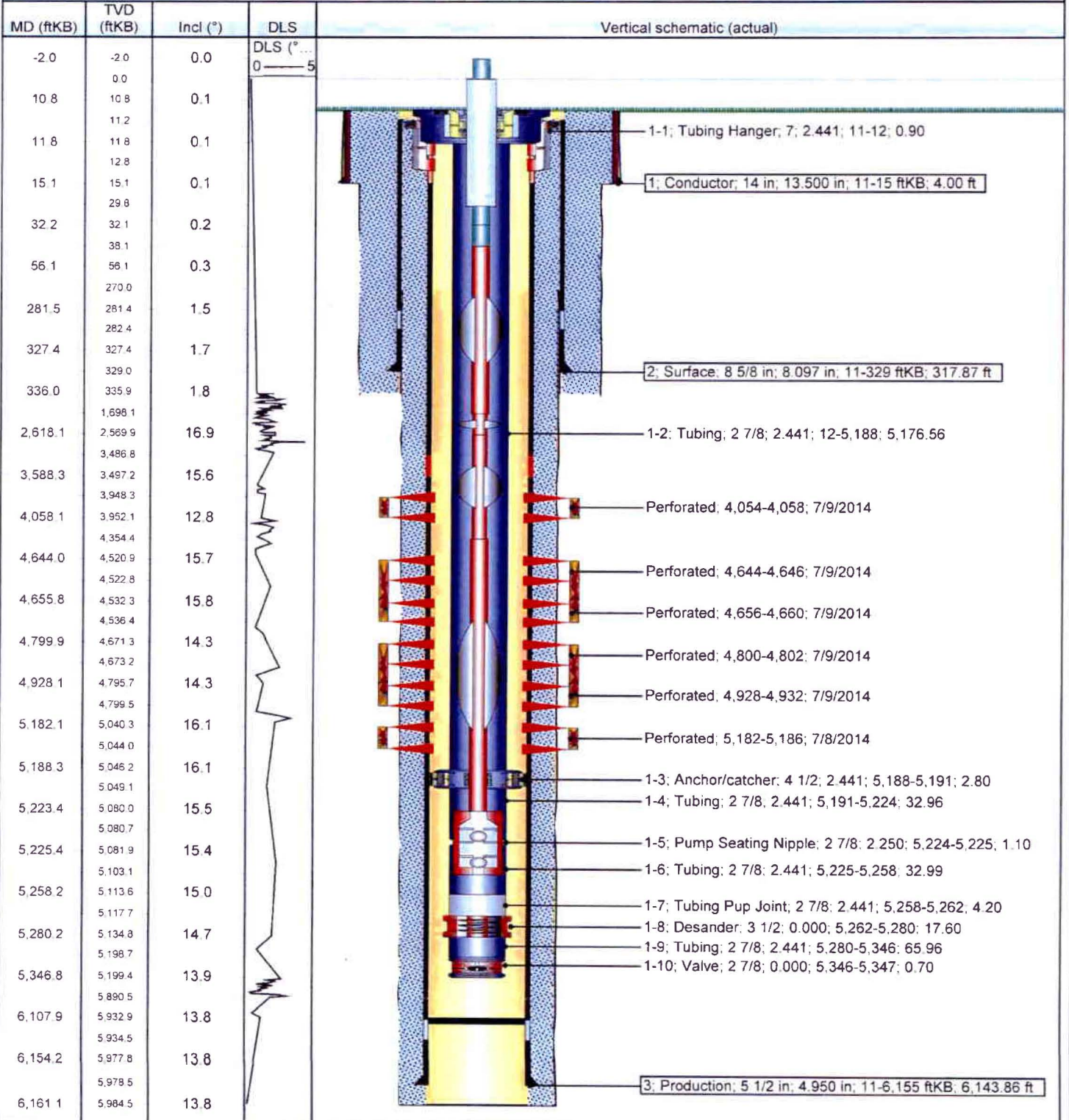
Surface Legal Location NESW 1780 FSL 1844 FWL Sec 27 T9S R15E		API/JWI 43013522400000	Well RC 500343257	Lease UTU74827	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 6/6/2014	Rig Release Date 6/20/2014	On Production Date 7/16/2014	Original KB Elevation (ft) 6,578	Ground Elevation (ft) 6,567	Total Depth All (TVD) (ftKB) Original Hole - 5,984.4	PBTD (All) (ftKB) Original Hole - 6,108.0	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 7/8/2014	Job End Date 7/11/2014
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TD: 6,161.0

Slant - Original Hole, 1/6/2015 10:32:23 AM



NEWFIELD



Schematic

43-013-52241

Well Name: GMBU M-27-9-15

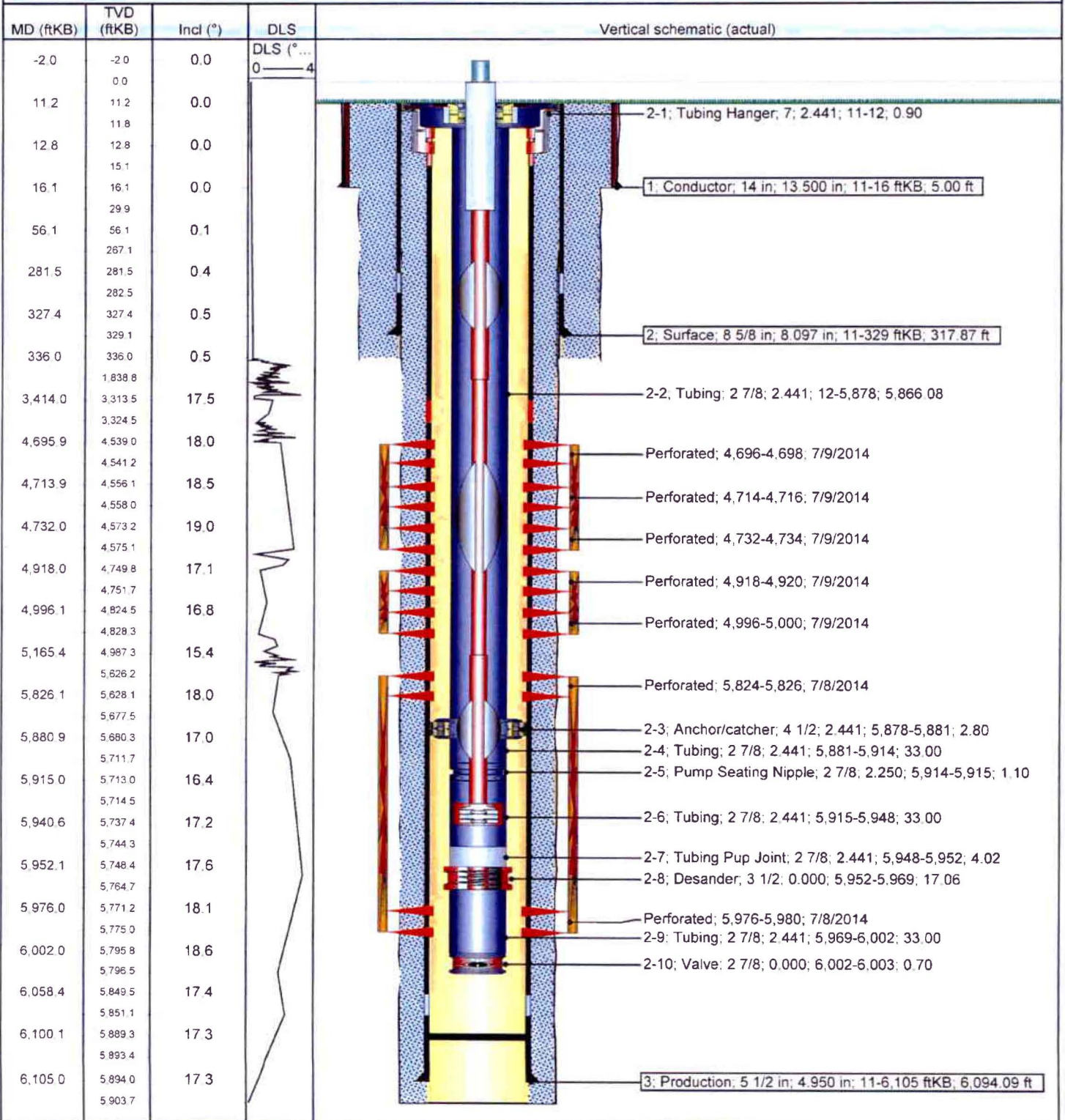
Surface Legal Location NESW 1768 FSL 1862 FWL Sec 27 T9S R15E				API/UWI 43013522410000	Well RC 500343253	Lease UTU74827	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 6/7/2014	Rig Release Date 6/23/2014	On Production Date 8/6/2014	Original KB Elevation (ft) 6,578	Ground Elevation (ft) 6,567	Total Depth All (TVD) (ftKB) Original Hole - 5,903.5	PBD (All) (ftKB) Original Hole - 6,100.0			

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 7/8/2014	Job End Date 8/6/2014
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TD: 6,115.0

Slant - Original Hole, 1/6/2015 10:33:14 AM



NEWFIELD

Schematic

Well Name: **GMBU L-27-9-15**

43-013-52243

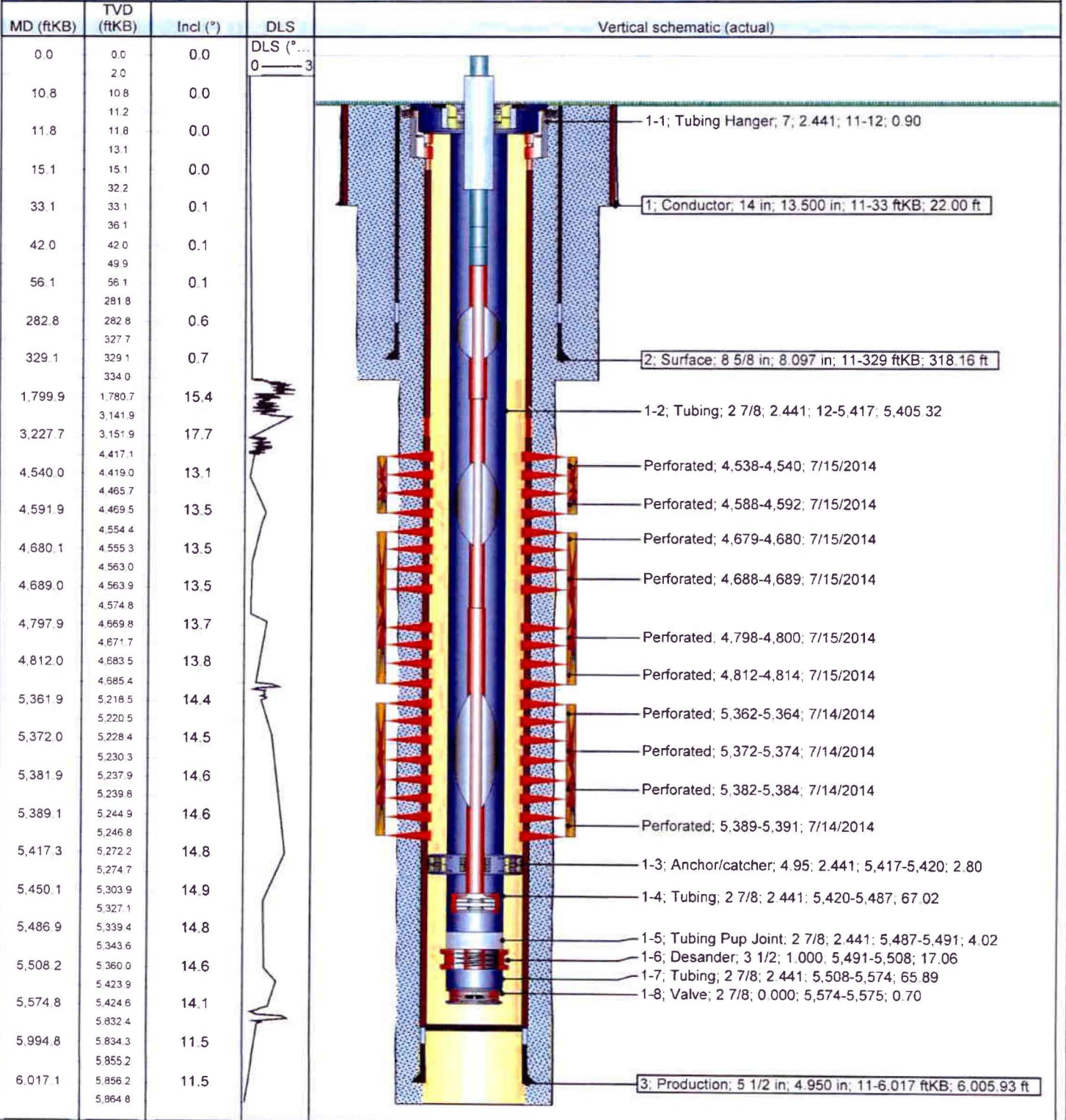
Surface Legal Location SWNE 2265' FNL 2036' FEL Sec 27 T9S R15E		API/UWI 43013522430000	Well RC 500334644	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 6/12/2014	Rig Release Date 6/26/2014	On Production Date	Original KB Elevation (ft) 6,441	Ground Elevation (ft) 6,430	Total Depth All (TVD) (ftKB) Original Hole - 5,864.9	PBTD (All) (ftKB) Original Hole - 5,992.9	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 7/14/2014	Job End Date 7/17/2014
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TD: 6,026.0

Slant - Original Hole, 1/6/2015 10:34:07 AM



NEWFIELD



Schematic

43-013-52252

Well Name: GMBU 3-26-9-15

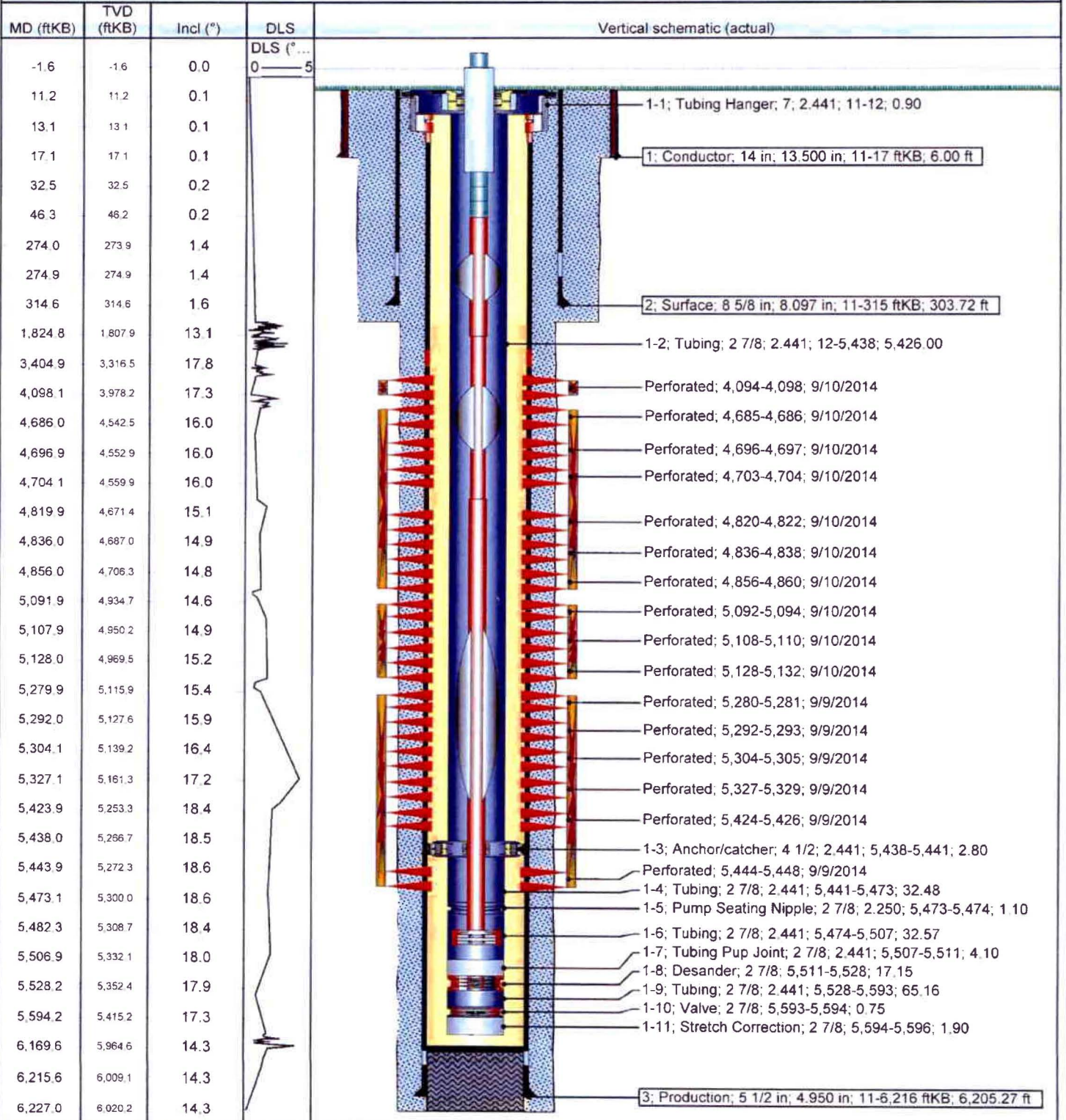
Surface Legal Location NWNW 576 FNL Sec 26 T9S R15E		API/UWI 43013522520000	Well RC 500159126	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/15/2014	Rig Release Date 8/26/2014	On Production Date	Original KB Elevation (ft) 6,449	Ground Elevation (ft) 6,438	Total Depth All (TVD) (ftKB) Original Hole - 6,020.2	PBTD (All) (ftKB) Original Hole - 6,169.7	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 9/9/2014	Job End Date 9/16/2014
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TD: 6,227.0

Slant - Original Hole, 1/6/2015 10:30:24 AM



NEWFIELD



Schematic

43-013-52258

Well Name: **GMBU J-27-9-15**

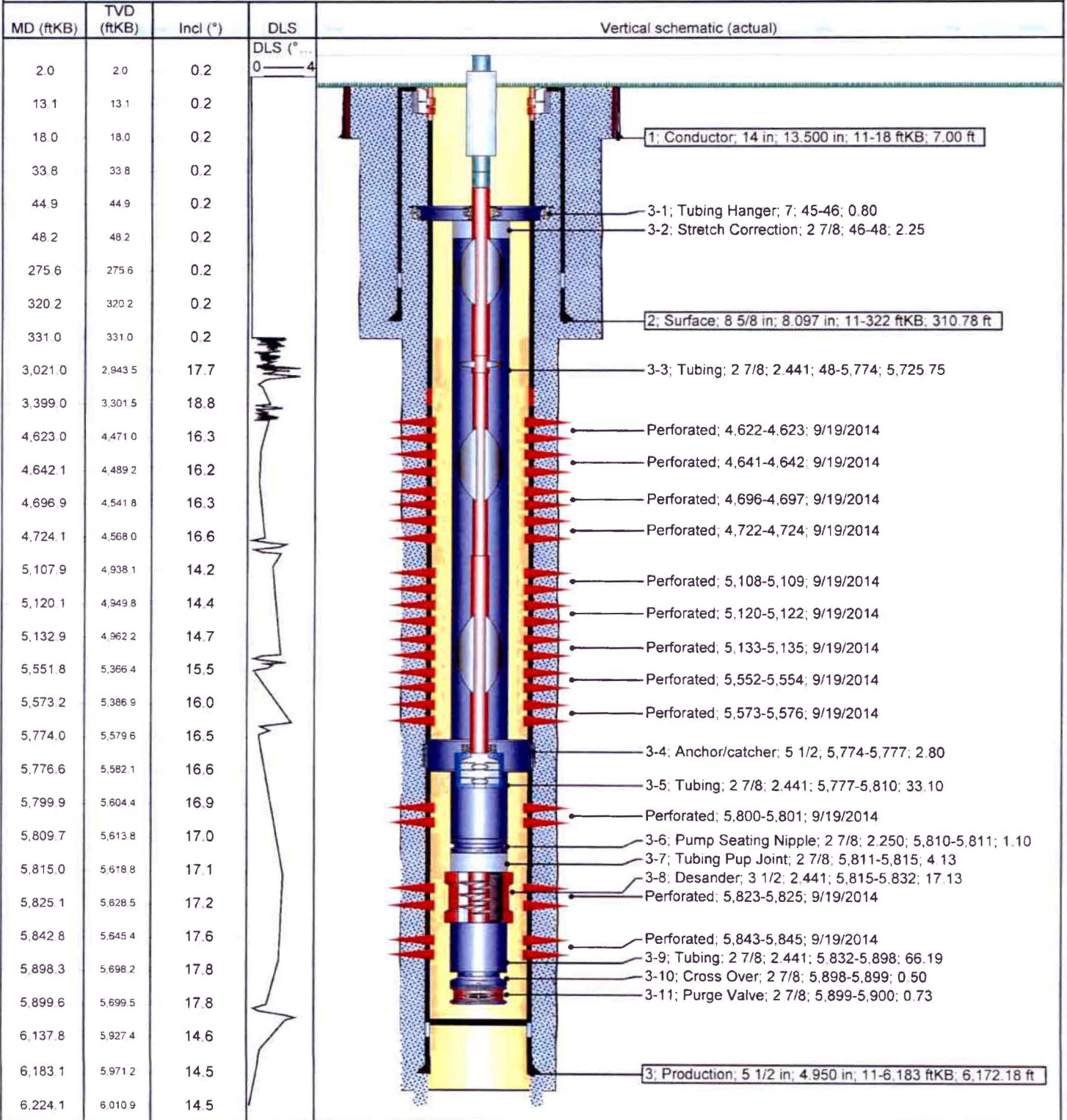
Surface Legal Location SWNNW 2105 FNL 797 FWL Sec 26 T9S R15E			APU/UWI 43013522580000	Well RC 500366855	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/22/2014	Rig Release Date 9/9/2014	On Production Date 10/7/2014	Original KB Elevation (ft) 6,499	Ground Elevation (ft) 6,488	Total Depth All (TVD) (ftKB) Original Hole - 6,009.9	PBD (All) (ftKB) Original Hole - 6,136.8		

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 11/4/2014	Job End Date 11/7/2014
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TD: 6,223.0

Slant - Original Hole, 1/6/2015 10:35:04 AM



NEWFIELD



Schematic

43-013-52500

Well Name: GMBU S-22-9-15

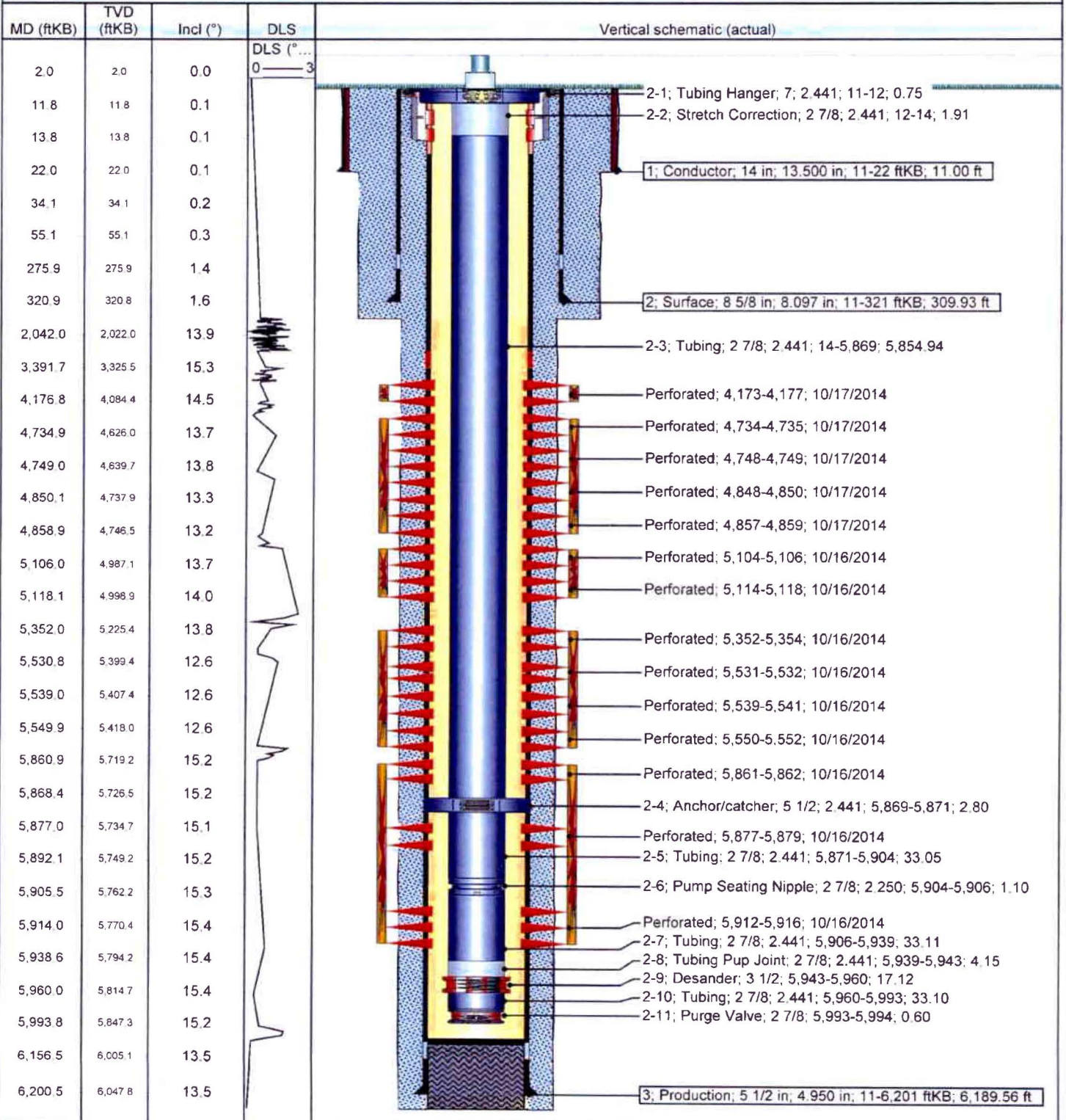
Surface Legal Location NESE 1906 FSL 683 FEL Sec 22 T9S R15E			APRUWI 43013525000000	Well RC 500367178	Lease UTU027345	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 9/1/2014	Rig Release Date 9/21/2014	On Production Date 10/23/2014	Original KB Elevation (ft) 6,452	Ground Elevation (ft) 6,441	Total Depth All (TVD) (ftKB) Original Hole - 6,050.3	PBTD (All) (ftKB) Original Hole - 6,154.8		

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 11/17/2014	Job End Date 11/18/2014
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TD: 6,203.0

Stant - Original Hole, 1/6/2015 10:28:33 AM



NEWFIELD

Schematic

Well Name: **GMBU A-27-9-15**

43-013 52525

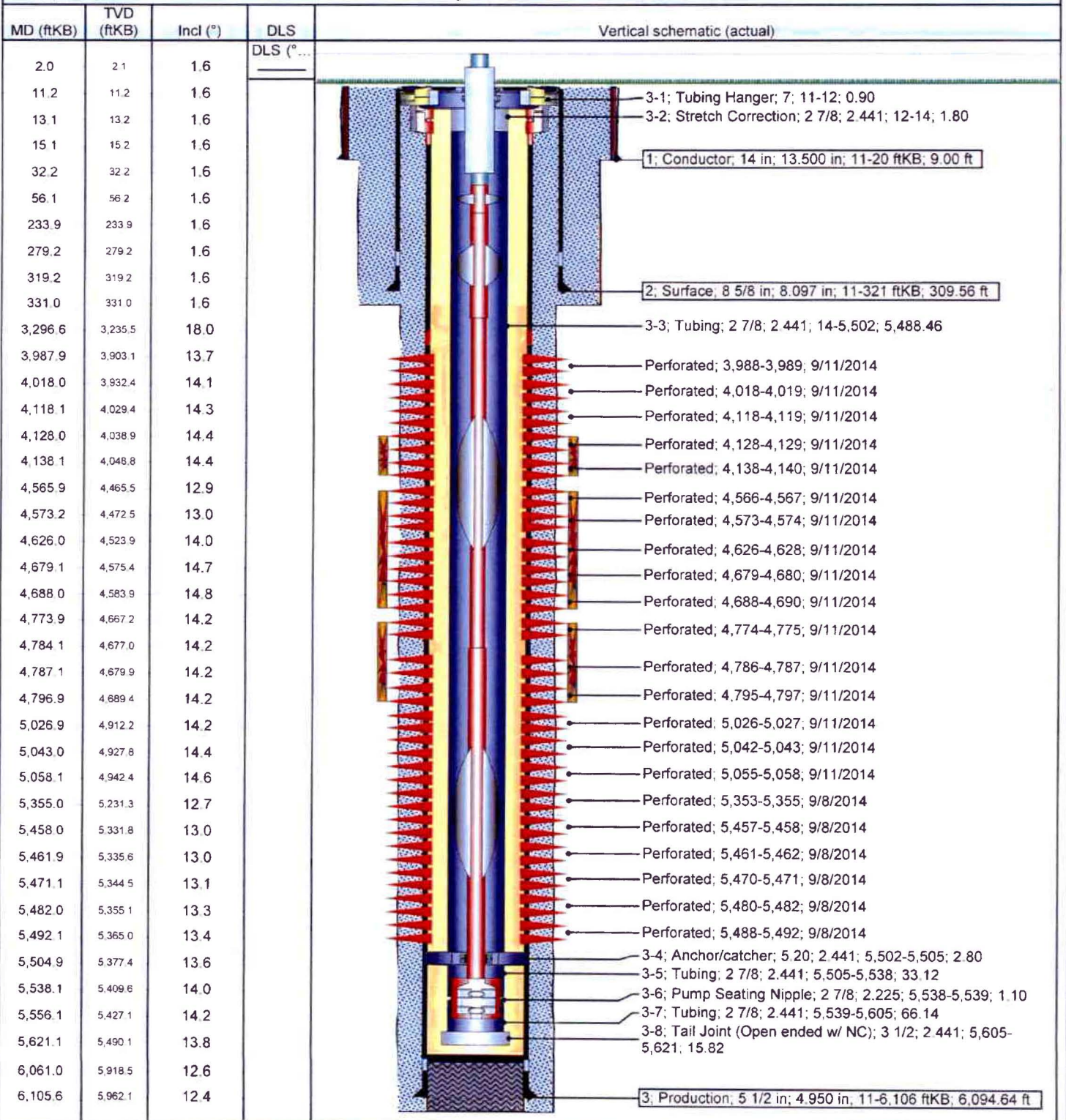
Surface Legal Location SWSW 641 FSL 625 FWL Sec 23 T9S R15E				API/UVI 43013525250000	Well RC 500366582	Lease UTU02458	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/12/2014	Rig Release Date 8/23/2014	On Production Date 9/24/2014	Original KB Elevation (ft) 6,416	Ground Elevation (ft) 6,405	Total Depth All (TVD) (ftKB) Original Hole - 5,984.9	PBTD (All) (ftKB) Original Hole - 6,059.0			

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 12/18/2014	Job End Date 12/22/2014
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TD: 6,129.0

Slant - Original Hole, 1/6/2015 10:29:23 AM



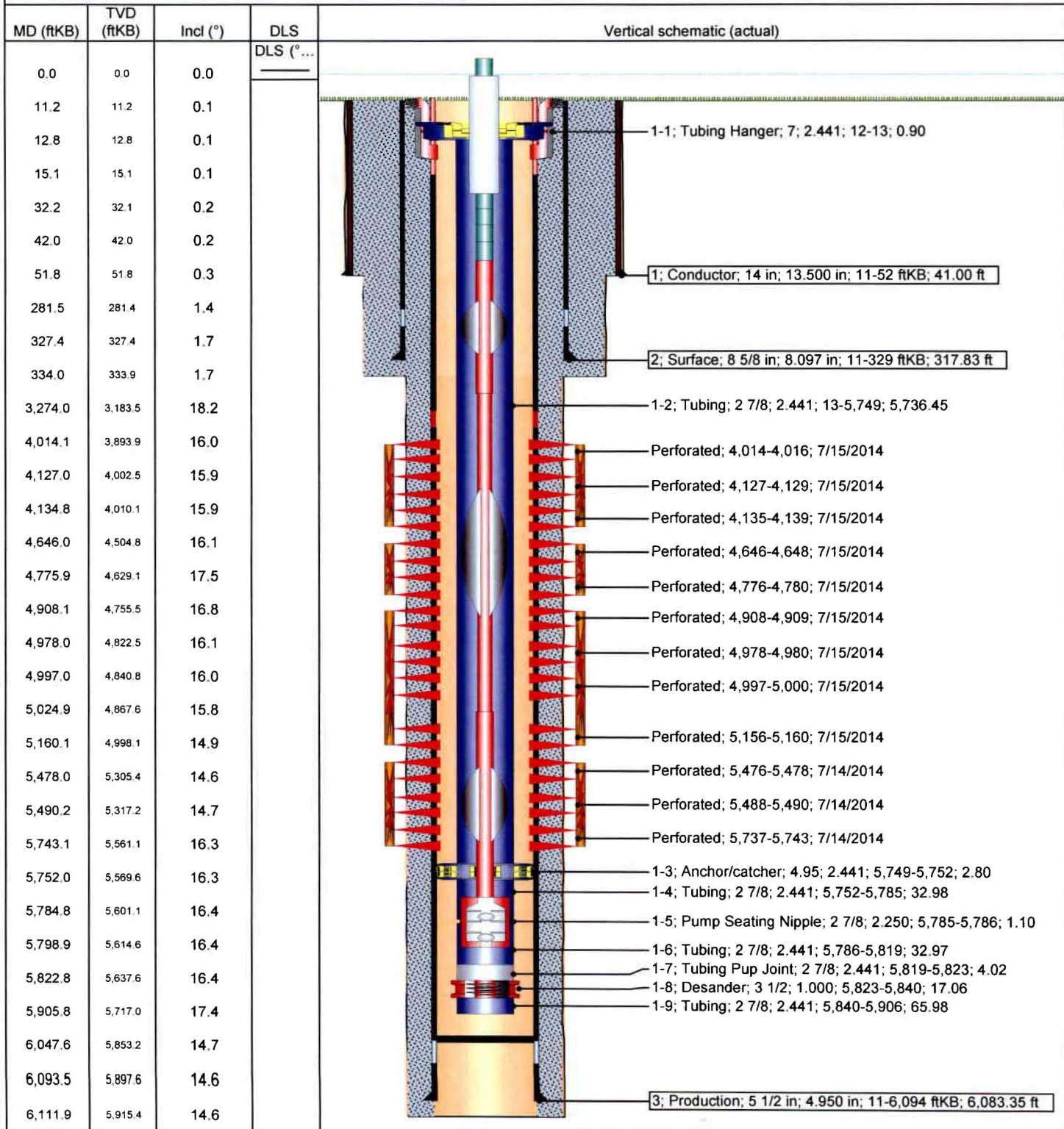
Well Name: GMBU I-27-9-15

43-013-52244

Surface Legal Location SWNE 2252' FNL 2020' FEL Sec 27 T9S R15E		API/UWI 43013522440000	Well RC 500348439	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 6/13/2014	Rig Release Date 6/29/2014	On Production Date	Original KB Elevation (ft) 6,441	Ground Elevation (ft) 6,430	Total Depth All (TVD) (ftKB) 6,441	PBDT (All) (ftKB) Original Hole - 6,047.4	

Most Recent Job		Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 7/14/2014	Job End Date 7/21/2014
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TD: 6,112.0 Slant - Original Hole, 1/8/2015 11:15:15 AM



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

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/5/2012	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120.00	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	46.20	Carbonate (CO ₃):	
System Pressure 2 (psig):	60.0000	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
pH:	6.80	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
Calculated TDS (mg/L):	2304.49	Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
CO ₂ in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO ₂ (mg/L):	15.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):		Manganese (Mn):	0.04	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	2.50				

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

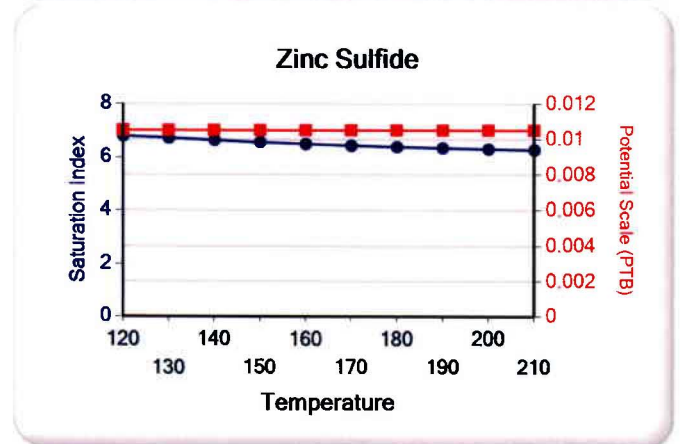
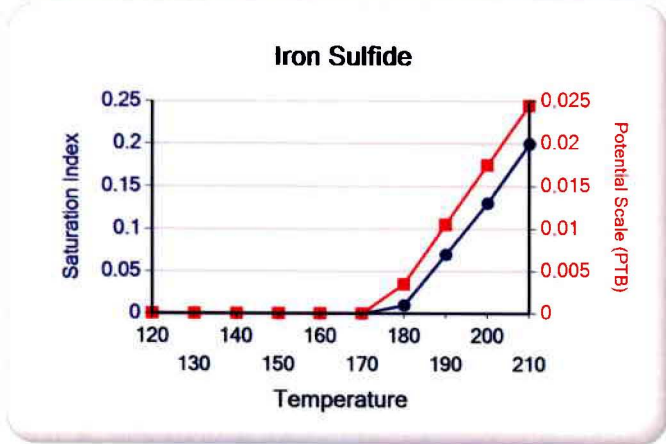
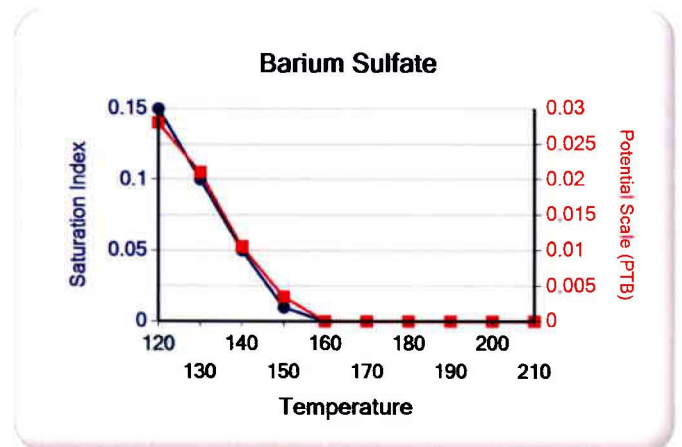
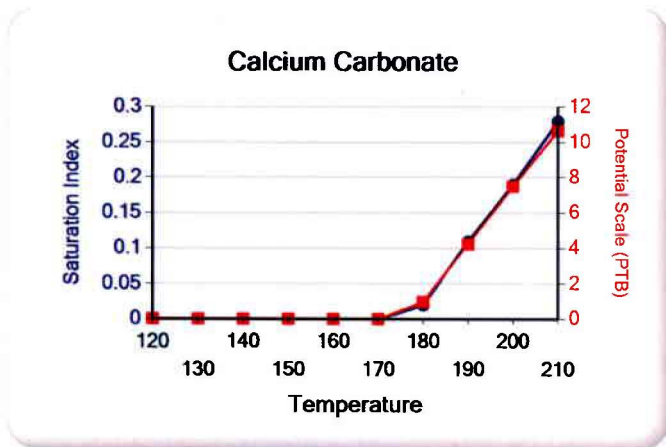
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4 · 0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide



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

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **ASHLEY 2-27-9-15**
Sample Point: **Treater**
Sample Date: **3/11/2013**
Sample ID: **WA-236942**

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

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	3/20/2013	<i>Cations</i>	<i>mg/L</i>	<i>Anions</i>	<i>mg/L</i>
System Temperature 1 (°F):	120.00	Sodium (Na):	4608.12	Chloride (Cl):	7000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	38.00	Sulfate (SO ₄):	93.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	5.20	Bicarbonate (HCO ₃):	732.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	36.50	Carbonate (CO ₃):	
Calculated Density (g/ml):	1.006	Strontium (Sr):	6.60	Acetic Acid (CH ₃ COO)	
pH:	8.50	Barium (Ba):	8.70	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	12755.67	Iron (Fe):	205.00	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.72	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	88.00	Lead (Pb):	0.40	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	1.00	Manganese (Mn):	1.90	Silica (SiO ₂):	19.53

Notes:

B=5.3 AI=.2

(PTB = Pounds per Thousand Barrels)

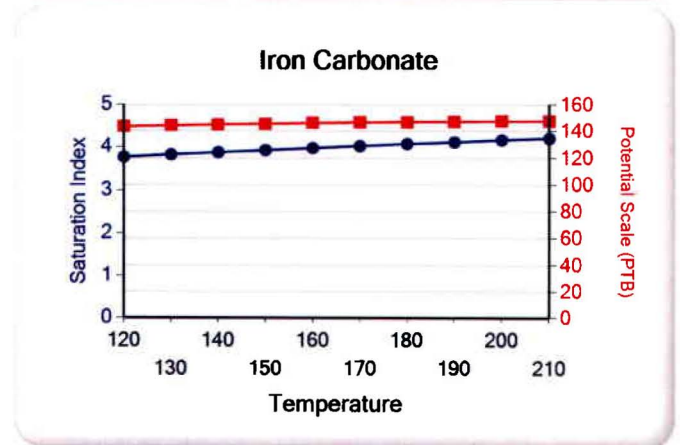
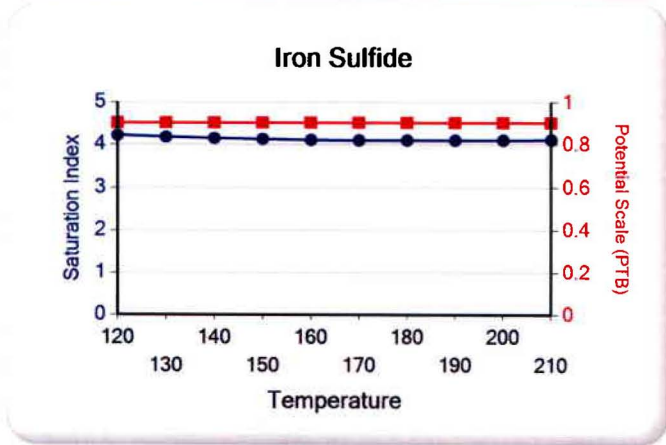
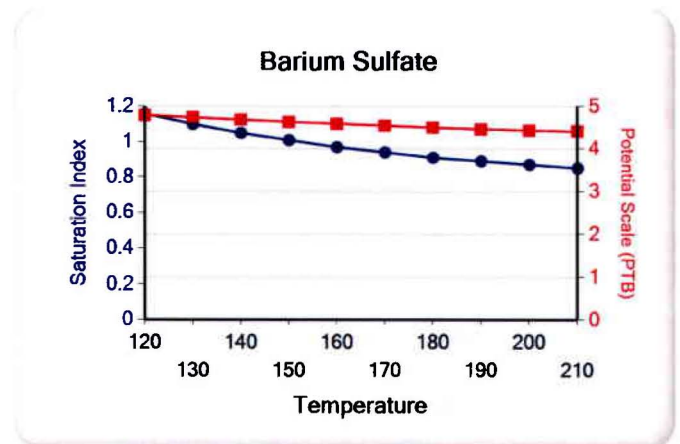
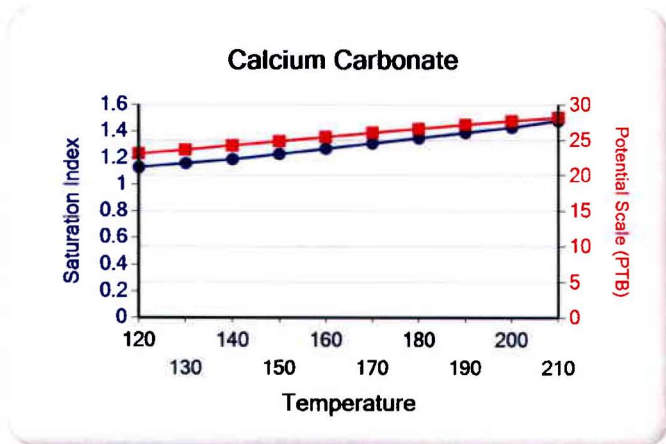
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide		
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	
210.00	60.00	1.48	28.26	0.85	4.42	4.11	0.90	4.21	148.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.47	0.38
200.00	60.00	1.43	27.76	0.87	4.44	4.10	0.90	4.17	147.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.56	0.38
190.00	60.00	1.39	27.23	0.89	4.47	4.10	0.90	4.12	147.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.66	0.38
180.00	60.00	1.35	26.67	0.91	4.51	4.10	0.90	4.08	147.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.76	0.38
170.00	60.00	1.31	26.09	0.94	4.55	4.10	0.90	4.03	146.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.87	0.38
160.00	60.00	1.27	25.49	0.97	4.60	4.11	0.90	3.98	146.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.98	0.38
150.00	60.00	1.23	24.89	1.01	4.64	4.13	0.90	3.93	145.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10	0.38
140.00	60.00	1.19	24.29	1.05	4.70	4.15	0.90	3.88	145.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.23	0.38
130.00	60.00	1.16	23.69	1.10	4.75	4.18	0.90	3.83	144.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.37	0.38
120.00	60.00	1.13	23.12	1.16	4.80	4.22	0.90	3.77	143.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.38

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ · 0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	0.48	9.28	0.16	5.04	9.71	2.80	9.87	16.27	21.18
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.48	9.44	0.16	4.67	9.47	2.59	9.35	16.02	21.18
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.47	9.61	0.16	4.29	9.17	2.37	8.78	15.76	21.18
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.47	9.78	0.16	3.90	8.78	2.15	8.16	15.50	21.18
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.47	9.97	0.16	3.51	8.30	1.93	7.49	15.24	21.18
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.47	10.16	0.16	3.11	7.73	1.70	6.78	14.98	21.18
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.46	10.37	0.16	2.70	7.05	1.47	6.03	14.71	21.18
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.46	10.59	0.16	2.29	6.27	1.24	5.24	14.45	21.18
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.45	10.82	0.16	1.88	5.39	1.01	4.42	14.19	21.18
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.43	11.07	0.16	1.47	4.43	0.79	3.58	13.93	21.18

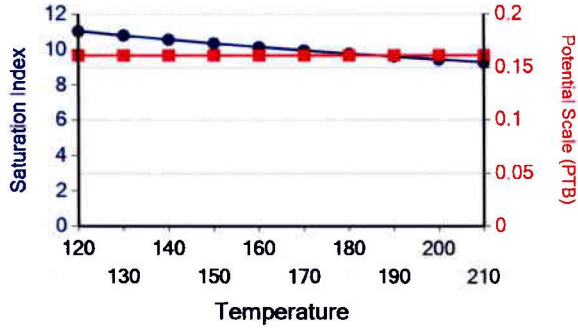
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

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

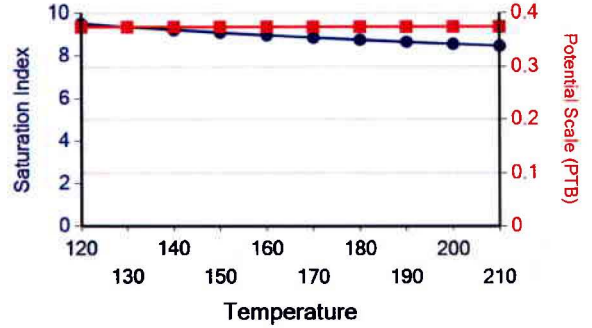


Water Analysis Report

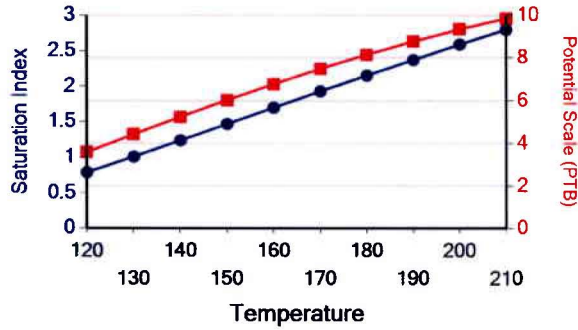
Lead Sulfide



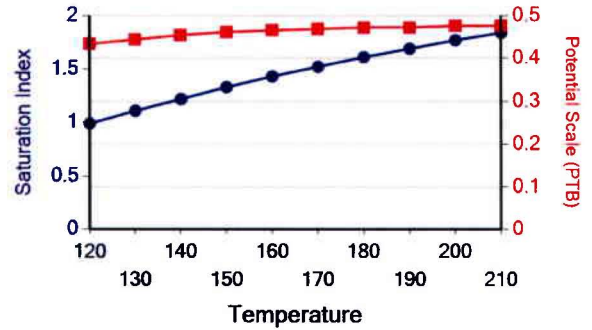
Zinc Sulfide



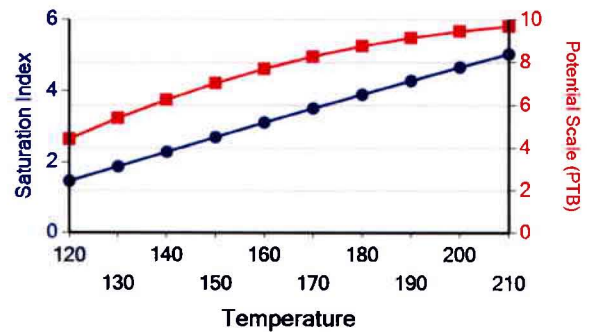
Ca Mg Silicate



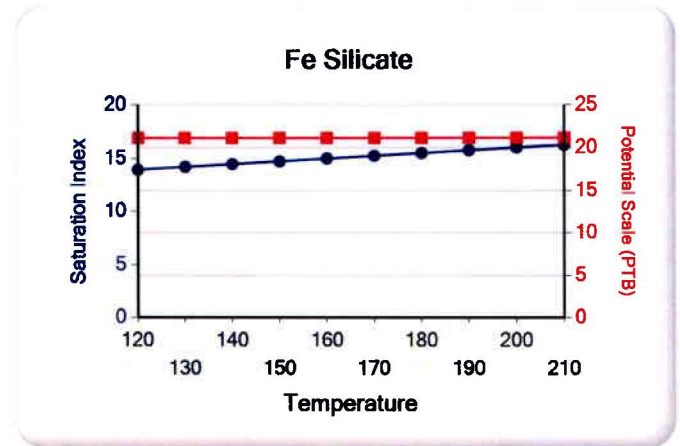
Zinc Carbonate



Mg Silicate



Water Analysis Report



Attachment "G"

**Federal #2-27-9-15
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5808	5827	5818	2375	0.84	2337
5686	5698	5692	1950	0.78	1913 ←
5425	5443	5434	2124	0.82	2089
4884	4894	4889	2150	0.87	2118
4753	4765	4759	2450	0.95	2419
				Minimum	<u><u>1913</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: 8-30-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8 @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBTD: 5771'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Contains multiple rows of blank data lines.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Aug-06 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5771' & cement top @ 150'. Couldn't spud guns deep enough to perforate zone @ 5808'. 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

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

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

DAILY COST:
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 6, 2006 Day: 02
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBDT: 5956'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBDT: 5956'

PERFORATION RECORD

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

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 5, 2006 SITP: SICIP: 0

MIRU Western #2. Talley, drift, PU & TIH W/ 4 3/4" tooth bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag solid @ 5824'. RU power swivel. Very hard drilling for 10', then went easy. Rec some aluminum & rubber in returns. Con't swivelling jts in hole. Nothing solid, and made last 24' without rotation. Recovered very little cmt in returns. Finally tagged solid @ 5956'. Displace hole W/ 2% KCL wtr. RD swivel. TOH W/ tbg-LD bit. Fill hole & pressure test casing & PBDT to 1500 psi. Seems to be holding. Leave pressure on well overnight. Est 140 BWTR.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

COSTS

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

- Western #2 rig
- Weatherford BOP
- NDSI trucking
- NDSI wtr disposal
- RBS swivel
- NPC trucking
- NPC sfc equipment
- R & T labor/welding
- Mt. West sanitation
- B & L - new J55 tbg
- NPC location cleanup
- Monks pit reclaim
- NPC supervision

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

DAILY COST:
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 7, 2006 Day: 03
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBTD: 5956'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5956'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 6, 2006 SITP: _____ SICP: 1500

Well still holding pressure. Bleed off. RU Perforators LLC and perf stage #1 W/ 4" ported guns as follows: CP5 sds @ 5808-27'. All 1 run W/ 4 JSPF. Stacked out W/ gun @ 5860' (sticky). RD WLT. SIFN W/ est 140 BWTR.
WO frac crew

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

Western #2 rig
Perforators LLC- CP5
NPC supervision

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
Completion Supervisor: Gary Dietz

DAILY COST: _____
TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 8, 2006 Day: 4a
 Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBDT: 5956'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EQT @: 0 BP/Sand PBDT: 5956'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 7, 2006 SITP: _____ SICP: 0

Day4a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 39,592#'s of 20/40 sand in 463 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2341 psi. Treated @ ave pressure of 2310 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2375. 603 bbls EWTR. Leave pressure on well. See day4b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date: _____
 Fluid lost/recovered today: 463 Oil lost/recovered today: _____
 Ending fluid to be recovered: 603 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: CP5 sds down casing
798 gals load hole
3906 gals of pad
2856 gals w/ 1-4 ppg of 20/40 sand
5640 gals w/ 4-6.5 ppg of 20/40 sand
408 gals w/ 6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 5334 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2559 Max Rate: 25.3 Total fluid pmpd: 463 bbls
 Avg TP: 2310 Avg Rate: 24.8 Total Prop pmpd: 39,592#'s
 ISIP: 2375 5 min: _____ 10 min: _____ FG: .84

Completion Supervisor: Ron Shuck

COSTS

Western #2 rig
C-D trkg frac water
NPC fuel gas
BJ Services CP5 sds
Weatherford Services
NPC Supervisor

DAILY COST: _____

TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 **Report Date:** Sept. 8, 2006 **Day:** 4b
Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5957' **Csg PBDT:** 5956'
Tbg: **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EQT @:** 0 **BP/Sand PBDT:** 5750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP3 sds	5686-5698'	4/48			
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 7, 2006 **SITP:** _____ **SICP:** 2010

Day4b.

RU Lone Wolf WLT & lubricator. RIH w/ 5-1/2" (6K) Weatherford composite flow through frac plug & 12' perf gun. Set plug @ 5750'. Perforate CP3 sds @ 5686-98' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 48 shots. RU BJ & frac stage #2 w/ 29,058#'s of 20/40 sand in 360 bbls of Lightning 17 frac fluid. Open well w/ 2010 psi on casing. Perfs broke down @ 3620, back to 1989 psi. Treated @ ave pressure of 2284 w/ ave rate of 24.9 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1950. 963 bbls EWTR. Leave pressure on well. **See day4c.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 603 **Starting oil rec to date:** _____
Fluid lost/recovered today: 360 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 963 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: CP3 sds down casing

COSTS

Western #2 rig
C-D trkg frac water
NPC fuel gas
BJ Services CP3 sds
Weatherford Services
NPC Supervisor
Lone Wolf CP3 sds

2982 gals of pad
2319 gals w/ 1-4 ppg of 20/40 sand
4149 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 5166 gals of slick water

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

Max TP: 2461 **Max Rate:** 25.3 **Total fluid pmpd:** 360 bbls
Avg TP: 2284 **Avg Rate:** 24.9 **Total Prop pmpd:** 29,058#'s
ISIP: 1950 **5 min:** _____ **10 min:** _____ **FG:** .78

Completion Supervisor: Ron Shuck

DAILY COST: _____

TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 8, 2006 Day: 4c
 Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8 @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBDT: 5956'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBDT: 5550'
 Plug 5750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	<u>5425-5443'</u>	<u>4/72</u>			
CP3 sds	<u>5686-5698'</u>	<u>4/48</u>			
CP5 sds	<u>5808-5827'</u>	<u>4/76</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 7, 2006 SITP: _____ SICP: 1630

Day4c.

RU WLT. RIH w/ frac plug & 18' perf gun. Set plug @ 5550'. Perforate LODC sds @ 5425-43' w/ 4 spf for total of 72 shots. RU BJ & zone won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #3 w/ 48,836#'s of 20/40 sand in 428 bbls of Lightning 17 frac fluid. Open well w/ 1630 psi on casing. Perfs broke down @ 4208, back to 1945 psi. Treated @ ave pressure of 2000 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2350. 1391 bbls EWTR. Leave pressure on well. **See day4d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 963 Starting oil rec to date: _____
 Fluid lost/recovered today: 428 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1391 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: LODC sds down casing

COSTS

Western #2 rig
C-D trkg frac water
NPC fuel gas
BJ Services LODCsds
Weatherford Services
NPC Supervisor
Lone Wolf LODC sds

3948 gals of pad
2625 gals w/ 1-5 ppg of 20/40 sand
5250 gals w/ 5-8 ppg of 20/40 sand
651 gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4998 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2326 Max Rate: 25.4 Total fluid pmpd: 428 bbls
 Avg TP: 2000 Avg Rate: 24.8 Total Prop pmpd: 48,836#'s
 ISIP: 2350 5 min: _____ 10 min: _____ FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: _____
 TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 **Report Date:** Sept. 8, 2006 **Day:** 4d
Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5957' **Csg PBTD:** 5956'
Tbg: **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EQT @:** 0 **BP/Sand PBTD:** 5000'
Plug 5750' 5550'

PERFORATION RECORD

Zone	Perfs	SPF#shots	Zone	Perfs	SPF#shots
B2 sds	4884-4894'	4/40			
LODC sds	5425-5443'	4/72			
CP3 sds	5686-5698'	4/48			
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 7, 2006 **SITP:** _____ **SICP:** 1730

Day4d.

RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5000'. Perforate B2 sds @ 4884-94' w/ 4 spf for total of 40 shots. RU BJ & frac stage #4 w/ 49,539#'s of 20/40 sand in 415 bbls of Lightning 17 frac fluid. Open well w/ 1730 psi on casing. Perfs broke down @ 2918, back to 2235 psi. Treated @ ave pressure of 2285 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2150. 1806 bbls EWTR. Leave pressure on well. **See day4e.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1391 **Starting oil rec to date:** _____
Fluid lost/recovered today: 415 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1806 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: B2 sds down casing

COSTS

Western #2 rig
C-D trkg frac water
NPC fuel gas
BJ Services B2 sds
Weatherford Services
NPC Supervisor
Lone Wolf B2 sds

3822 gals of pad
2625 gals w/ 1-5 ppg of 20/40 sand
5250 gals w/ 5-8 ppg of 20/40 sand
819 gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4410 gals of slick water

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

Max TP: 2650 **Max Rate:** 25.4 **Total fluid pmpd:** 415 bbls
Avg TP: 2285 **Avg Rate:** 24.8 **Total Prop pmpd:** 49,539#'s
ISIP: 2150 **5 min:** _____ **10 min:** _____ **FG:** .87

Completion Supervisor: Ron Shuck

DAILY COST: _____
TOTAL WELL COST: _____



9 of 12

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 9, 2006 Day: 05
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8" @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBTD: 5956'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5045' BP/Sand PBTD:
Plug 5750' 5550'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include C sds, B2 sds, LODC sds, CP3 sds, CP5 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 8, 2006 SITP: SICP: 250

Bleed pressure off well. Rec est 25 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & tbg. Tag fill @ 4638'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4638', plug @ 4820' in 22 minutes; sd @ 4836', plug @ 5000' in 25 minutes. Circ hole clean W/ no fluid loss. Hang back swivel. SIFN W/ EOT @ 5045'. Est 2027 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2063 Starting oil rec to date:
Fluid lost/recovered today: 36 Oil lost/recovered today:
Ending fluid to be recovered: 2027 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:
[Blank lines for detail]

COSTS

Western #2 rig
Weatherford BOP
RBS swivel
NPC wtr & trk
Unichem chemicals
CDI TA
CDI SN
NPC supervision

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

DAILY COST:
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 Report Date: Sept. 12, 2006 Day: 06
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8-5/8 @ 324' Prod Csg: 5-1/2" @ 5957' Csg PBDT: 5956'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4474' BP/Sand PBDT: 5956'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4753-4765'	4/48			
B2 sds	4884-4894'	4/40			
LODC sds	5425-5443'	4/72			
CP3 sds	5686-5698'	4/48			
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 11, 2006 SITP: 0 SICP: 25

Bleed sm amount of gas off well. Con't PU & TIH W/ bit and tbg f/ 5045'. Tag fill @ 5530'. PU power swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 5530', plug @ 5550' in 22 minutes; no sd, plug @ 5750' in 19 minutes. Con't swivelling jts in hole. Tag fill @ 5903'. Drill plug remains & sd to PBDT @ 5956'. Circ hole clean. Lost est 40 BW during cleanout. RD swivel. Pull EOT to 5900'. RU swab equipment. IFL @ sfc. Made 17 swb runs rec 157 BTF W/ light gas & tr oil. Made steady sand on early runs, pretty clean @ end. FFL @ 1900'. TIH W/ tbg. Tag sd @ 5948' (8' new fill). C/O sd to PBDT @ 5956'. Circ hole clean. Lost est 45 BW & rec tr oil. LD excess tbg. TOH W/ tbg to 4474'. SIFN W/ est 1955 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 2027 Starting oil rec to date: _____
Fluid lost/recovered today: 72 Oil lost/recovered today: _____
Ending fluid to be recovered: 1955 Cum oil recovered: _____
IFL: sfc FFL: 1900' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

COSTS

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

Western #2 rig
Weatherford BOP
RBS swivel
NPC trucking
NPC supervision

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
Completion Supervisor: Gary Dietz

DAILY COST: _____
TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-27-9-15 **Report Date:** Sept. 14, 2006 **Day:** 8
Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8 @ 324' **Prod Csg:** 5-1/2" @ 5957' **Csg PBTD:** 5956'
Tbg: Size: 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5778' **BP/Sand PBTD:** 5956'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4753-4765'	4/48			
B2 sds	4884-4894'	4/40			
LODC sds	5425-5443'	4/72			
CP3 sds	5686-5698'	4/48			
CP5 sds	5808-5827'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 13, 2006 **SITP:** 0 **SICP:** 0
 Con't TIH W/ rods off trailer. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 11AM w/ 86" SL, @ 5 SPM w/ 1955 bbls EWTR. Final Report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1955 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1955 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 22' polished rod	Western #2 rig
182 2 7/8 J-55 tbg (5766.02')	1-4',6',8' X 3/4" pony rod	NPC trucking
TA 2.80' @ (5778.02' KB)	99-3/4" scrappered rods	CDI rod pump
1 2 7/8 J-55 tbg (31.66')	116-3/4" plain rods	rds ("A" grade)
SN 1.10' @ (5812.48' KB)	10-3/4" scrappered rods	NPC frac tks (6x8day)
1 2 7/8 J-55 tbg (31.76')	6-1 1/2" weight rods	NPC swab tk (4days)
2 7/8 NC (.45')	2 1/2"X1-1/2"X10'X14' RHAC	NPC frac head
EOT 5845.79' W/ 12' KB	CDI pump W/ 103"SL	Watherford WH rubber
		NPC Supervisor

DAILY COST: _____

TOTAL WELL COST: _____

Completion Supervisor: Ron Shuck

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4703'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 189' balance plug using 26 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 365'

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

Ashley Federal 2-27-9-15

Spud Date: 8-10-06
 Put on Production: 9-13-06
 GL: 6563' KB: 6575'

Initial Production: BOPD,
 MCFD, BWPD

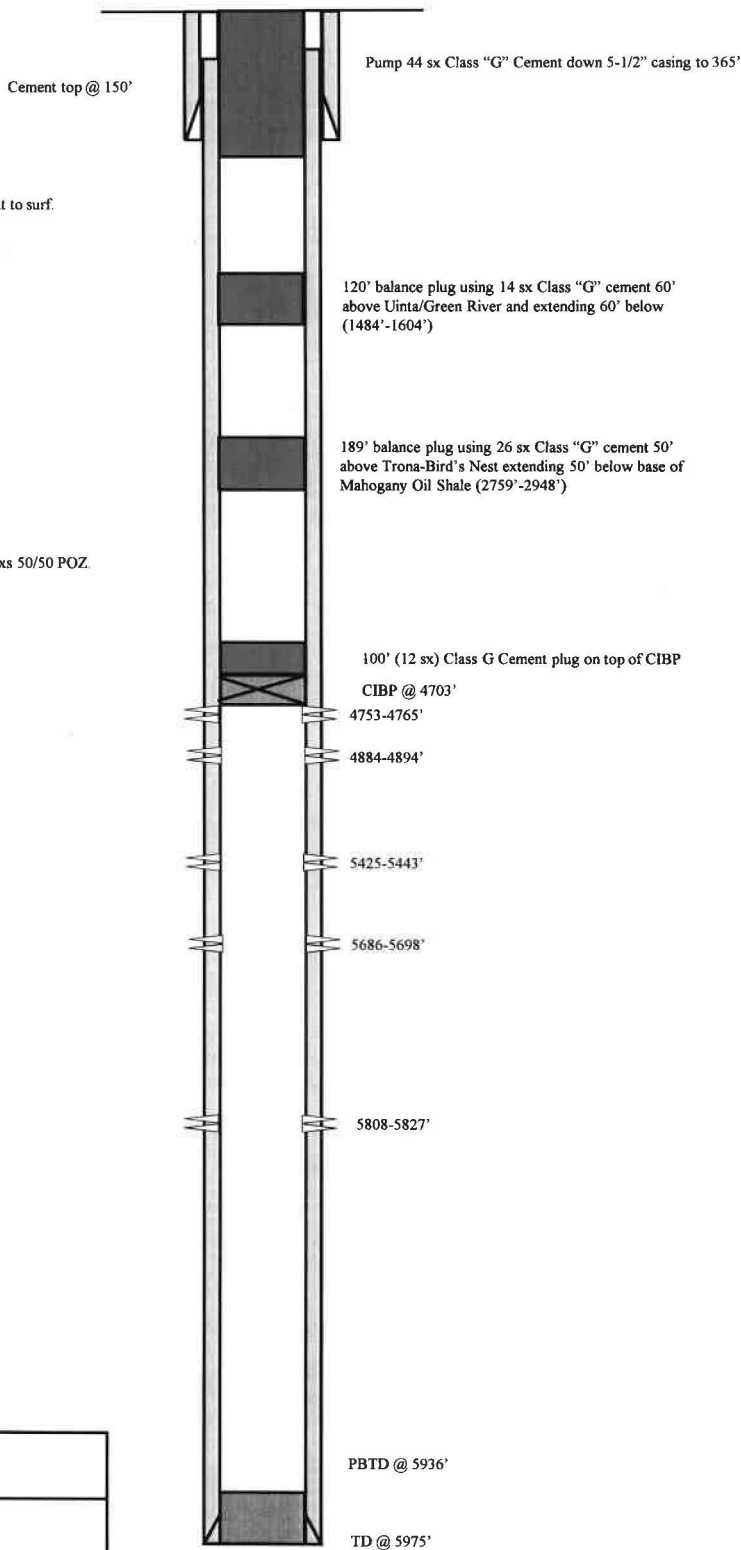
Proposed P & A Wellbore Diagram


SURFACE CASING

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

PRODUCTION CASING

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




<p>Ashley Federal 2-27-9-15 938' FNL & 2087' FEL NW/NE Section 27-T9S-R18E Duchesne Co, Utah API # 43-013-32834; Lease # UTU-027345</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Ashley Fed 2-27-9-15	
2. NAME OF OPERATOR: Newfield Production Company	9. API NUMBER: 43013328340000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380	PHONE NUMBER: 435-646-4802	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 938 FNL 2087 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWN Section: 27 Township: 9S Range: 15E 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: 8/22/2019 <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 type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 08/19/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/22/2019 the casing was pressured up to 1262 psig and charted for 20 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 905 psig during the test. There was a State representative available to witness the test – Mark Reinbold.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p> <p>September 04, 2019</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A		DATE 9/3/2019

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company
 10530 South County Rd #33
 Myton, UT 84052
 435.646.3721

UDOGM Witness: MARK Reinbold Date: 8-22-2019 Time: 7:30 (am) pm
 Test Conducted By: EVERETT UNRUH
 Others Present: _____

Well Name: <u>ASHLEY FEDERAL 2-27-9-15</u>	
Field: <u>MONUMENT BUTTE</u>	County: <u>Duchesne</u> State: <u>UT</u>
Location: <u>NWNE</u> Sec: <u>27</u> T <u>9</u> N <u>(S)</u> R <u>15</u> (E/W)	Operator: <u>Newfield</u> API # <u>43-013-32834</u>
Last MIT: <u>9/23/2014</u>	Maximum Allowable Pressure: <u>1913</u> psig

Is this a regulary scheduled test? Yes No
 Initial Test for Permit? Yes No
 Test after well rework? Yes No
 Well injection during test? Yes No If Yes, rate: 38 bpd

Pre-test casing / tubing annulus pressure: 0 / 1 905 psig

MIT DATA TABLE	Test #1	Test #2
TUBING PRESSURE		
Initial Pressure	<u>905</u> psig	psig
End of test pressure	<u>905</u> psig	psig
CASING / TUBING ANNULUS PRESSURE		
0 minutes	<u>1265.4</u> psig	psig
5 minutes	<u>1264.0</u> psig	psig
10 minutes	<u>1263.2</u> psig	psig
15 minutes	<u>1262.2</u> psig	psig
20 minutes	<u>1261.6</u> psig	psig
25 minutes	psig	psig
30 minutes	psig	psig
_____ minutes	psig	psig
_____ minutes	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

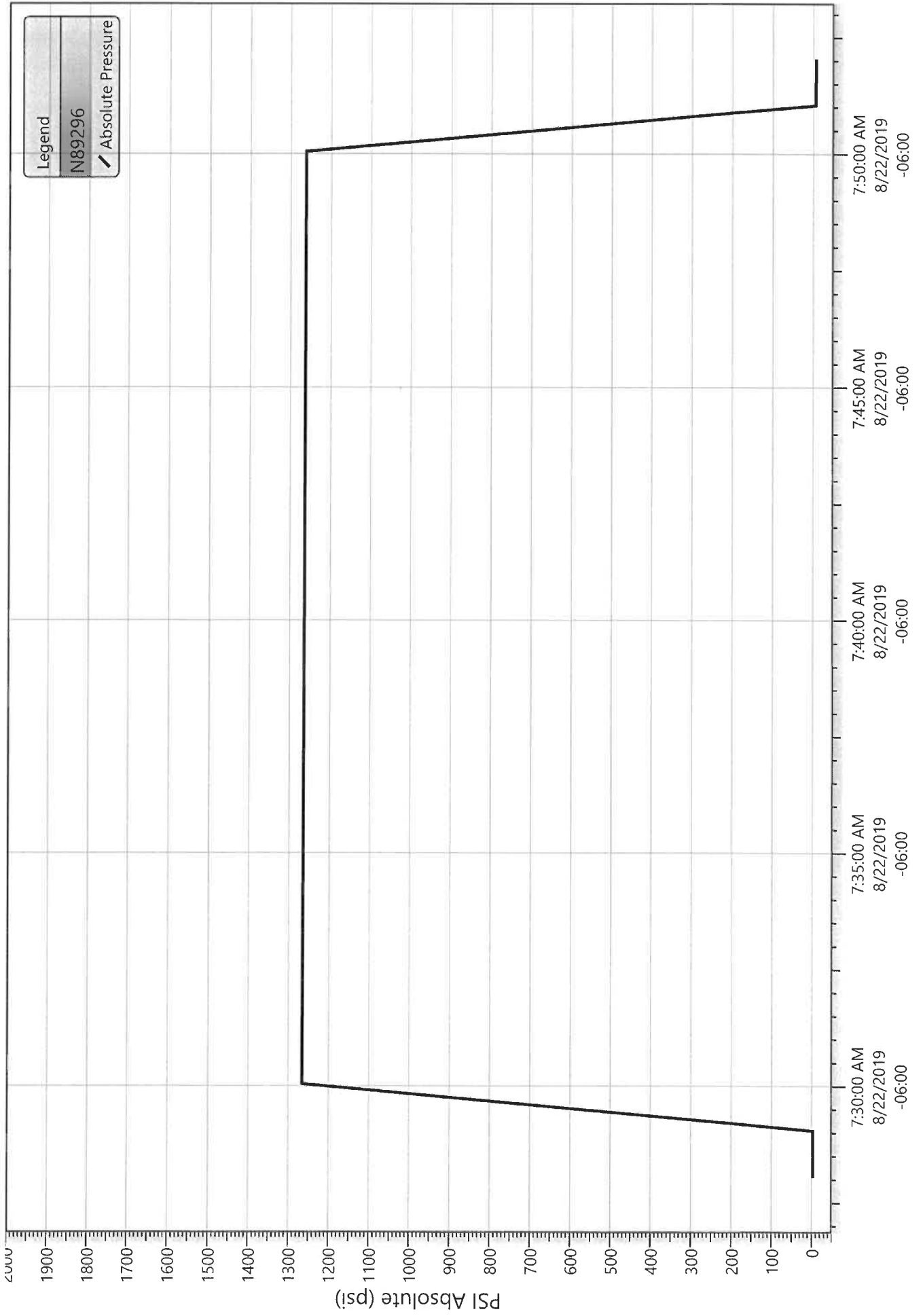
Does the annulus pressure build back up after test? Yes No

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

Signature of Witness: Mark Reinbold

Signature of Person Conducting Test: Everett Unruh

Ashley Federal 2-27-9-15 (8/22/2019, 5 yr. MIT)
8/22/2019 7:27:24 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Ashley Fed 2-27-9-15	
2. NAME OF OPERATOR: Newfield Production Company	9. API NUMBER: 43013328340000	
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 938 FNL 2087 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 27 Township: 9S Range: 15E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/28/2020	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" 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 type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.Newfield proposes to Plug and Abandon the above mentioned well.
See attached updated P&A well procedure.**Approved by the
Utah Division of
Oil, Gas and Mining****Date:** April 06, 2020**By:** *Ellis M. Nelson***Please Review Attached Conditions of Approval**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 2/28/2020	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013328340000

1. FEDERAL APPROVAL OF THIS ACTION REQUIRED.

- 2. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Bart Kettle at 435-820-0862.**
- 3. All cement plugs must be of approved materials and mixed to provide compressive strength acceptable to BLM, and all plugs shall be with volumes and placement depths as proposed in operator's submitted plan or as required by BLM.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depths specified unless otherwise directed by on-site BLM representative.**
- 5. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, proceed as directed by the BLM or notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Ovintiv
Ashley 2-27-9-15
Date: 1/13/2020

Plug and Abandonment Procedure

Project Objective:

Our goal is to plug and abandon the wellbore in the safest, most efficient manner. Safety with respect to all personnel associated with day-to-day operations and the environment will not at any time be sacrificed during any aspect of the operation. With no DART's and no environmental incidents, we expect to perform all work with a high level of attention to both cost and time management.

HS&E:

Ovintiv is committed to conducting its operations in a prudent manner that provides safe and healthful workplaces for employees, contractors and the public, and demonstrates respect for the quality of the environment.

All employees are empowered and directly accountable for their health, safety and environmental performance within the scope of their job responsibilities. Each and every person on location has the right and **obligation** to stop the job. Implementation of this policy is the responsibility of all employees and contractors.

Pre-job safety meeting will be held prior to beginning any work on a well. All employees and contractors on location should be involved in these meetings. Encourage participation, enforce attendance.

All Ovintiv locations should be handled as if H2S could be present. Ensure that all persons on location comply with monitoring policies.

Please refer to the following Newfield Safety documents if necessary:

- Blowing Down a Well SOP:
<http://nfxlivelink.newfield.com/Livelink/llisapi.dll/link/42498480>
- H2S SOP:
<http://nfxlivelink.newfield.com/Livelink/llisapi.dll/link/33865309>

Well and Location Preparation:

1. Notify all regulatory agencies as necessary prior to beginning any work. This includes State of Utah UDOGM & BLM as well as the EPA for all water injection wells. We will remain compliant to the guidelines of these agencies at all times throughout the procedure.
2. Ensure that the location is prepped for the rig (deadman anchors tested within 2yrs, injection shed removed from location, well bled off).
3. We will want to ensure that tanks are on location prior to the job so that we are able to blow down the well.
4. Verify that the flow stream is free of H2S and does not require treatment with scavenger.

Depths to Note:

- Top Perforation @ 4,120'
- Trona Formation top @ 2,809'
- Green River/Uinta contact @ 1,544'
- Max BMSGW @ 2,250'
- Surface Casing Shoe @ 325'
- Top of Production Cement @ 150' based on CBL

Workover Rig Procedures:

5. MIRU Workover rig. There is a leaky packer or HIT, so tubing will not test.
6. Flush down casing with 10 gal H2S Scavenger. Test tubing to 1500 psi. Flush well with 10 gal H2S scavenger.
7. ND wellhead and NU BOPE. Wellbore fluid will be the only barrier during this operation.
 - Function test all rams
8. Drop standing valve and pressure test tubing. Release tubing anchor
9. TOOH w/ tubing string and tally tubing. **LD ALL DAMAGED JOINTS OF TUBING. THE REMAINING TUBING WILL BE UTILIZED AS A WORKSTRING FOR THE P&A.**
 - *Note which joints are LD for holes or heavy scaling/wear.
10. RIH w/ bit and scraper at discretion of rig pusher based on well conditions.

11. PU CIBP and TIH. **The CIBP will be set @ 4,070'**
 - 50' above the top perforation (4,120')
12. Pressure test casing to 1000psi for 10 min to ensure that casing and CIBP hold pressure.
13. Circulate the wellbore clean with corrosion inhibitor and biocide treated fresh water.
14. Spot in and RU pump truck and equipment in preparation for setting the cement plugs.

Cement Plug Pumping Procedures:

PLUG #1 (100' plug on top of CIBP @ 4,070):

15. Mix and pump 12sks (2.5 bbls) of 15.8# Class G cement on top of the CICR (4,070 – 3,970').
 - As there is a mechanical plug set, we are not required to tag cement for the bottommost cement plug.
16. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.

PLUG #2 (130' balanced plug – 50' below Trona formation top @ 2,809'):

1. POOH to 2,859'. The second cement plug will be a balanced plug set at 50' below the Trona formation top. This plug is required to be at least 100' in length unless the Trona depth is greater than 3,000', at which point the plug length should be at least 130'.
 - Utilize 10% excess per 1000' of depth to Trona top
2. Mix and pump 15 sks (3 bbls) of 15.8# Class G cement as a balanced plug from 2,859' to 2,729'
3. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.
4. Wait on cement to harden ***if required by on site representative*** (minimum of 3hrs) and then tag cement plug. Record the tag depth and weight on the report.

PLUG #3 (100' balanced plug – 50' below BMSGW @ 2,250'):

1. Mix and pump 12sks (2.5 bbls) of 15.8# Class G cement as a balanced plug from 2,300' to 2,200'
2. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.
3. Wait on cement to harden ***if required by on site representative*** (minimum of 3hrs) and then tag cement plug. Record the tag depth and weight on the report.

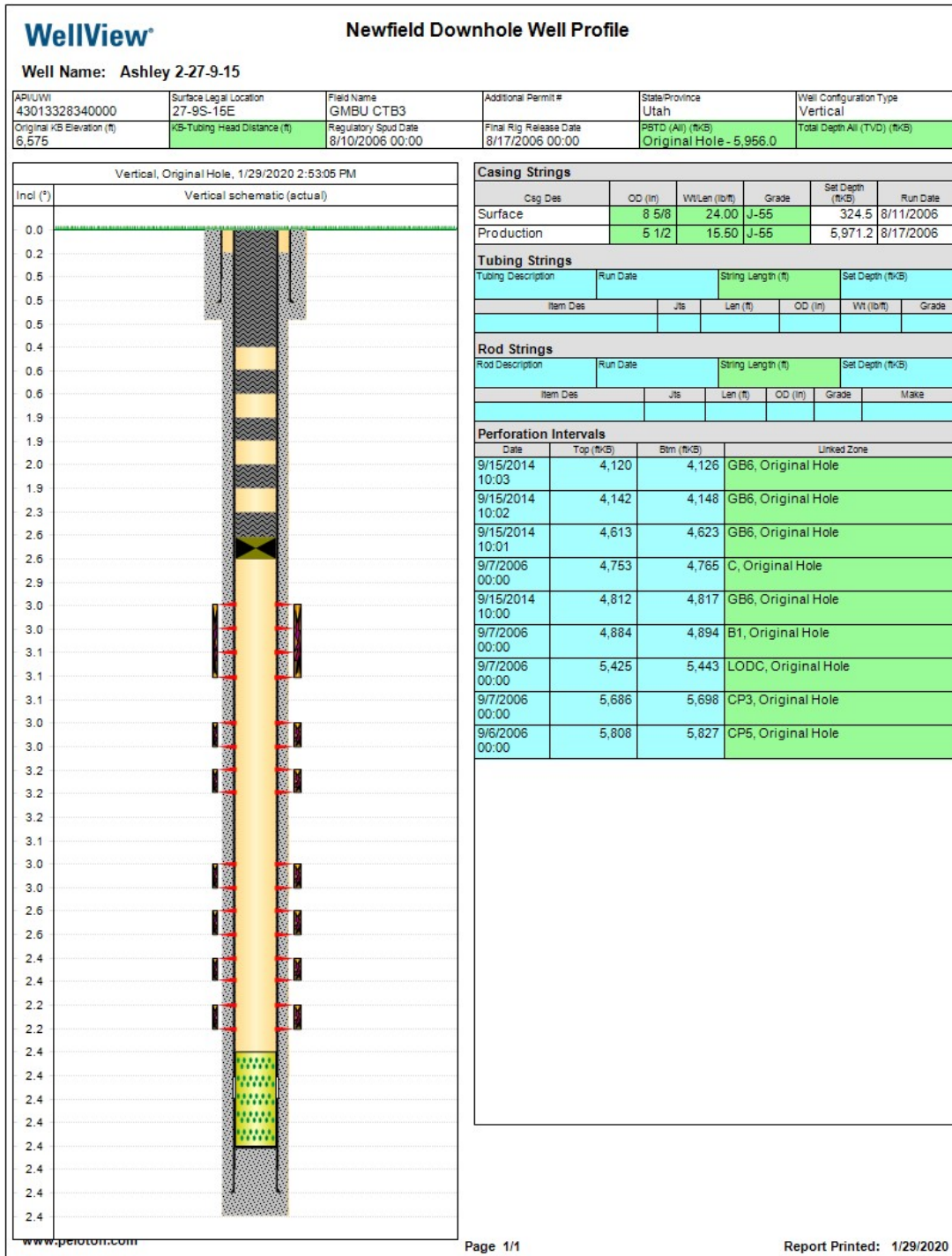
PLUG #4 (120' balanced plug – 50' below Green River/Uinta contact @ 1,544')

4. Mix and pump 14sk (2.86 bbls) of 15.8# Class G cement as a balanced plug from 1,594' to 1,424'
5. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.
6. Wait on cement to harden *if required by on site representative* (minimum of 3hrs) and then tag cement plug. Record the tag depth and weight on the report.

PLUG #5 (Plug from 50' below Surface Casing Shoe to Surface):

1. POOH to 50' below the surface casing shoe - ~375' for this well. The final cement plug should reach surface. We will not be required to tag this cement, but should visually verify its presence.
2. Mix and pump 45sk (9 bbls) of 15.8# Class G cement as a balanced plug from 375' to surface.
3. Flush and ND BOPE.
4. RDMO workover rig
5. Cut off 5.5" (production) and 8.625" (surface) casing 3 feet below ground and visually ensure TOC is to surface for both casing strings.
6. According to our cement bond log, TOC for the original production cement job is surface according to CLB and volumetrics. We will use 1" pipe to pump ~11 sks of Class G cement down the 8.625" annulus in order to bring cement to surface.
 - Ensure that we plan to have additional cement available on location in case cement does not reach surface for Plug #4 (inside of the 5.5" casing).
7. RD & release cement equipment.
8. Weld on P&A marker. Record GPS coordinates on daily report.
 - Ensure that the location is left cleared of all trash and without any spilled liquids present.

PROPOSED WBD



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Ashley Fed 2-27-9-15	
2. NAME OF OPERATOR: Newfield Production Company	9. API NUMBER: 43013328340000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380	PHONE NUMBER: 435-646-4802	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 938 FNL 2087 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWN Section: 27 Township: 9S Range: 15E 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 type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/28/2020	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> SI TA STATUS EXTENSION
		<input type="checkbox"/> CASING REPAIR
		<input type="checkbox"/> CHANGE WELL NAME
		<input type="checkbox"/> CONVERT WELL TYPE
		<input type="checkbox"/> NEW CONSTRUCTION
		<input type="checkbox"/> PLUG BACK
		<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
		<input type="checkbox"/> TEMPORARY ABANDON
		<input type="checkbox"/> WATER DISPOSAL
		<input type="checkbox"/> APD EXTENSION
		OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Plugging operations were successful at the Ashley Fed 2-27-9-15. See attachment for daily well work and cement log. Marker location 40.00658,-110.21632		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) December 15, 2020		
NAME (PLEASE PRINT) Tim Eaton	PHONE NUMBER 720 876 3388	TITLE Senior Environmental Specialist
SIGNATURE N/A	DATE 10/23/2020	



Daily WellWork Report
Well Name: Ashley 2-27-9-15

Field Office: Myton
Report # 2.0, Report Date: 9/25/2020

Well RC 500159446	API # 43013328340000	Surface Legal Location 27-9S-15E	Field Name GMBU CTB3	State UT	County/Parish Duchesne	Well Type Water Injection	Well Config Vertical
Spud Date 8/10/2006	Final Rig Release Date 8/17/2006	First Production Date 9/13/2006	Ground Elevation (ft) 6,563.00	PBTD (All) (ftKB) Original Hole - 5,956.0	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB) 5,975.0	

Primary Job Type Abandon Well	Secondary Job Type N/A	Start Date 1/27/2020	End Date 1/28/2020
Objective The P&A work has not been done yet. The WV needed to be updated to get the proposed WBD for the procedure.			
24 Hr Summary Pump cement balance plugs on TOOH w/ LD tbg. Remove BOP. RDMOWOR. Dig out & cut off wellhead. Top off surface & production csg. Weld on marker plate.			Rig Time (hr) 8.50

Wellbore Type Original Hole	Well Status Water Injector
Min Kick Off Depth (ftKB)	Min KO Depth (TVD) (ftKB)
TD (All) (ftKB) Original Hole - 5,975.0	PBTD (All) (ftKB) Original Hole - 5,956.0
Contractor	Rig Number
AFE Number 20204071	AFE+Supp Amt (Cost) \$59,000
Daily Field Est Total (Cost) \$17,248	Cum Field Est To Date (Cost) \$17,248

Time Log

Start Time	End Time	Dur (hr)	Short Code	Activity	Com
06:00	07:00	1.00	OTH	Other	CREW TRAVEL TO LOCATION. PRE-SHIFT TAILGATE MEETING, JSA DISCUSSION, & COVID SELF SCREENING.
07:00	08:30	1.50	ABAN D	Abandon Zone	MIRU CEMENT CREW, HOLD SAFETY MTG. OPEN WELL, FILL W/ 3 BBLs, CLOSE IN & TEST TO 1000 PSI -OK-. 8:00-8:30AM PLUG #1: EOT @ 4058', PUMP 12 SKS (2.5 BBLs) 15.8# CLASS G CEMENT. 100' PLUG ON CIBP FROM 4063'-3963', DISP. W/ 22.8 BBLs FRESH WTR. L/D 38 JTS, 38 OUT TTL.
08:30	09:00	0.50	ABAN D	Abandon Zone	PLUG #2: EOT @ 2859', PUMP 15 SKS (3 BBLs) 15.8# CLASS G CEMENT. 130' B-PLUG FROM 2859'-2729', DISP. W/ 15.7 BBLs FRESH WTR. L/D 18 JTS, 56 OUT TTL.
09:00	09:30	0.50	ABAN D	Abandon Zone	PLUG #3: EOT @ 2300', PUMP 12 SKS (2.5 BBLs) 15.8# CLASS G CEMENT. 100' B-PLUG FROM 2300'-2200', DISP. W/ 12.6 BBLs FRESH WTR. L/D 22 JTS, 78 OUT TTL.
09:30	10:00	0.50	ABAN D	Abandon Zone	PLUG #4: EOT @ 1594', PUMP 14 SKS (2.9 BBLs) 15.8# CLASS G CEMENT. 120' B-PLUG FROM 1594'-1474', DISP. W/ 8.4 BBLs FRESH WTR. L/D 38 JTS, 116 OUT TTL.
10:00	10:30	0.50	ABAN D	Abandon Zone	PLUG #4: EOT @ 1594', PUMP 14 SKS (2.9 BBLs) 15.8# CLASS G CEMENT. 120' B-PLUG FROM 1594'-1474', DISP. W/ 8.4 BBLs FRESH WTR. L/D 38 JTS, 116 OUT TTL.
10:30	11:00	0.50	BOPR	Remove BOP's	R/D TBG WORKS & FLOOR. N/D & REMOVE 5K BOP.
11:00	12:00	1.00	SRIG	Rig Up/Down	RDMO. RACKOUT BASE BEAM.
12:00	14:30	2.50	ABAN D	Abandon Zone	DIG OUT W/H. CUT OFF 8-5/8" CSG & 5-1/2" CSG, REMOVE W/H. TOP OUT 5-1/2" & 8-5/8" W/ 53 SKS (10.9 BBLs) 15.8# CLASS G CEMENT, CMT TO SURFACE ON BOTH SIDES, STAYED FULL. WELD ON P&A MARKER PLATE @ 40.00658,-110.21632

Daily Contacts - Job Supervisor...	
Contact Name Chuy Alvarado	Phone Mobile 720-930-9159
Contact Name Rusty Bird	Phone Mobile 823-7388
Contact Name Christopher Meacham	Phone Mobile 435-401-5996
Daily Readings	
Weather Haze	T (°F) 75.0
Road Condition Good	Wind 0-5 mph

Production Failures	
Failure Date	Failure Description
Failure Type	
Cause of Failure	

 tubing Run this Job		
Sub. S...	Tubing Description	Set Depth (ftKB)
String Max Nomi...	Wt (lb/ft)	String Grade

 tubing Pulled this Job		
Pull Time 00:00	Tubing Description Tubing	Set Depth (ftKB) 4,082.4
String Max Nomi...	Wt (lb/ft)	String Grade
2 7/8	6.50	J-55
Pull Reason		

 Rod Strings Run this Job		
Run Time	Rod Description	Set Depth (ftKB)
OD Nom Max (in)	Wt (lb/ft)	String Grade

 Rod Strings Pulled this Job		
Run Time	Rod Description	Set Depth (ftKB)
OD Nom Max (in)	Wt (lb/ft)	String Grade
Pull Reason		

 Other In Hole Run this Job			
Run Date	Equipment Type		
Top Depth (ftKB)	Btm (ftKB)	OD (in)	ID (in)

 Other in Hole Pulled this Job			
Pull Date	Equipment Type		
Pull Reason			

 Lease Fluids		
Fluid Type	Vol to Lease (bbl)	Vol from Lease...

Daily Costs

Cost Des	Major	Minor	Field Est (Cost)	Note	Vendor
Downhole Abandonment	8950	10	\$17,629	Turn key bid	Delsco Northwest, Inc.
Consulting/Evaluation	8950	322	\$600	Chris M x 2 days	Ovintiv USA Inc
Mud/Fluids/Lubrication	8950	354	\$39	130 bbls fresh wtr for P&A ops	LaRue Lamb Trucking
Transport/Trucking	8950	360	\$1,360	Wtr delivery & fluid disposal trucking	Uintah Basin Flo Techs LLC
Salvage	8950	50	(\$2,560)	TBG credit for 128 jts 2 7/8" J-55	Ovintiv USA Inc
Labour Charges	8950	912	\$180	Well flowback ahead of WOR	Delsco Northwest, Inc.

Daily Safety Checks

Time	Des	Type	Com

Safety Check Summary for the Job

Type	# Occur	Last Date	Next Date	Days Until Next Check (days)

Pressure Tests

Date	Test Type	Item Tested	Comment

Production Failure Summary for the Well (limited to last 5 only)

Failure Type	Failure Description	Category	String Run D...	String Pull D...	Condition Run	Condition Pull
Pump Failure	Unknown		9/13/2006	7/19/2007		
Pump Failure	Unknown		7/19/2007	11/5/2009		



Daily WellWork Report
Well Name: Ashley 2-27-9-15

Field Office: Myton
Report # 2.0, Report Date: 9/25/2020

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Production Failure Summary for the Well (limited to last 5 only)

Failure Type	Failure Description	Category	String Run D...	String Pull D...	Condition Run	Condition Pull
Rod Failure	Body		9/6/2011	9/10/2014		

Plunger Lifts (limited to last 5 only)

Ref #	Plunger Type	Make	Model	Run Date	Pull Date

Production Logs (limited to last 3 only)

Date	Type	Subtype	Des

Well Fluids

Fluid Type	Vol to Well (bbl)	From (bbl)

PROPETRO		JOB LOG			TICKET NUMBER: WC-60
Cementing - Rocky Mountain Division					
<small>P.O. BOX 827 - VERNAL UT, 84078 - (435) 789-7407</small>					
COMPANY NAME: OVINTIV/DELSCO			DATE: MON 9/28/20		
LEASE NAME: ASHLEY FED 2-27-9-15			COUNTY: DUCHESNE, UTAH		
			RIG NO: DESLCO		
DESCRIPTION	TIME	RATE	PSI	VOLUME	
ON LOCATION	7:03				
RIG UP/NO MANIFOLD	7:05				
SAFETY MEEING	7:43				
PSI TEST PUMP AND LINES	7:47	0.5	2	1000	
#1 E.O.T @ 4,058'					
FILL HOLE H2O	7:47	2.5	230	0	
END	7:48	2	230	3	
START CMT 12SKS @ 15.8LB/GAL	7:52	1.7	100	0	
END CMT 100.8' PLUG	7:53	2.6	110	2.4	
START DISPLACEMENT H2O	7:53	2.6	110	0	
~	7:56	3.9	300	10	
END DISP/P.U.H TO 2,859'	7:59	3.9	300	22.8 TOTAL	
#2 E.O.T @ 2,859'					
FILL HOLE H2O	8:29	2.5	0	0	
END	8:31	2.5	180	3.5	
START CMT 15SKS @ 15.8LB/GAL	8:33	1.5	230	0	
END CMT 130' PLUG	8:34	4.2	340	3	
START DISPLACEMENT H2O	8:34	4.2	340	0	
END DISP/P.U.H TO 2,300'	8:38	4.6	330	15.7 TOTAL	
#3 E.O.T @ 2,300'					
FILL HOLE H2O	8:56	3.5	230	0	
END	8:57	3.5	230	2.5	
START CMT 12SKS @ 15.8LB/GAL	8:59	2	230	0	
END CMT 100.8' PLUG	9:00	4	240	2.4	
START DISPLACEMENT H2O	9:00	4	240	0	
END DISP/P.U.H TO 1,594'	9:02	4.4	270	12.6 TOTAL	
#4 E.O.T @ 1,594'					
FILL HOLE H2O	9:20	2.5	280	0	
END	9:21	2.5	280	2	
START CMT 14SKS @ 15.8LB/GAL	9:24	4.3	300	0	
END CMT 121.8' PLUG	9:25	4.5	230	2.9	
START DISPLACEMENT H2O	9:25	4.5	230	0	
END DISP/P.U.H TO 375'	9:37	4.5	310	8.4 TOTAL	
#5 E.O.T @ 375'					
START CMT @ 15.8LB/GAL	9:59	1.7	30	0	
END CMT @ 15.8LB/GAL	10:06	1.7	70	12	
TOOK 59 SACKS TO ROLL SURFACE					
P.O.O.H					
DESLCO START RIG DOWN	10:15				
DELSCO START DIG UP/CUT OFF	11:23				
WAIT FOR WELDER	12:00				
WELL HEAD OFF	13:25				
RUN 1" DOWN HOLE	13:25				
START CMT IN 8 5/8, 5 1/2	13:39	2	150	0	
END CMT 53 SACKS TO FILL	13:45	2	150	10.9	
MIXED UP 63 SACKS TOTAL				12.9	
WASH UP	13:45				
RELEASED FROM LOCATION	14:00				
Operator: WYATT CHAPMAN		Accepted And Approved By:			

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 1/24/2020

FORMER OPERATOR: Newfield Production Company	NEW OPERATOR: Ovintiv Production, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

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

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020
- Reports current for Production/Disposition & Sundries: 1/14/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 12/21/2020
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 3/25/2020

Surface Facility(s) included in operator change:

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

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): B001834.A
 107238142-Shut-In Bond

DATA ENTRY:

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

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

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

Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
see attached list

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
see attached

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:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
see attached

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
attached

3. ADDRESS OF OPERATOR:
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(435) 646-4936

10. FIELD AND POOL, OR WILDCAT:
attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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


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

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

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

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE 

DATE 3/16/2020

(This space for State use only)

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

FORM 9

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

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

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

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

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

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

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

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

(This space for State use only)



TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

Company: Newfield Production Company Name: Shon McKinnon
 Address: 4 Waterway Square Place, Suite 100 Signature:
 city The Woodlands state TX zip 77380 Title: Regulatory Manager, Rockies
 Phone: (435) 646-4825 Date: 3/18/2020
 Comments:

NEW OPERATOR

Company: Ovintiv Production, Inc Name: Shon McKinnon
 Address: 4 Waterway Square Place, Suite 100 Signature:
 city The Woodlands state TX zip 77380 Title: Regulatory Manager, Rockies
 Phone: (435) 646-4825 Date: 3/18/2020
 Comments:

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Mar 25, 2020

EPA approval required

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

Effective Date: 7/1/2021

FORMER OPERATOR: Ovintiv Production, Inc.	NEW OPERATOR: Ovintiv USA, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

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

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021
- Reports current for Production/Disposition & Sundries: 9/22/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021
- Surface Facility(s) included in operator change:

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

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): B001834-B
 107238142A

DATA ENTRY:

Well(s) update in the RBDMS on: 11/24/2021

Group(s) update in RDBMS on: 11/21/2021

Surface Facilities update in RBDMS on: 11/24/2021

Entities Updated in RBDMS on: 11/24/2021

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

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:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR:
4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(281) 210-5100

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina

Effective Date: 9/1/2022

FORMER OPERATOR:	NEW OPERATOR:
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

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

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
- Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
- New operator Division of Corporations Business Number: 12607016-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022
- Reports current for Production/Disposition & Sundries: 10/19/2022
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022
- Surface Facility(s) included in operator change: 10/19/2022

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

- Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023
- Group(s) update in RDBMS on: 12/20/2022
- Surface Facilities update in RBDMS on: NA
- Entities Updated in RBDMS on: 1/25/2023

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached Exhibit A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
None - N/A

7. UNIT or CA AGREEMENT NAME:
Greater Monument Butte Unit

8. WELL NAME and NUMBER:
See attached Exhibit A

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See attached Exhibit A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Scout Energy Management, LLC

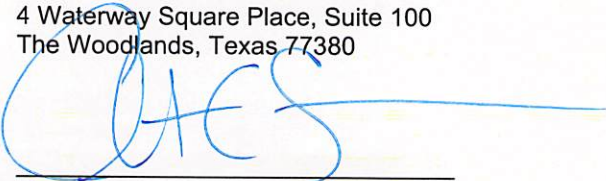
3. ADDRESS OF OPERATOR:
13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240
PHONE NUMBER: (972) 325-1096

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **See attached Exhibit A** COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: **UTAH**

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

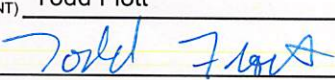
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/1/2022</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Ovintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

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

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

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

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

NAME (PLEASE PRINT) Todd Flott TITLE Managing Director
SIGNATURE  DATE 8/31/2022

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



TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Christian C. Sizemore</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Director, Rockies and Land Innovation</u>
Phone: <u>281-210-5100</u>	Date: <u>11/16/2022</u>
Comments: UIC wells under UDOGM Jurisdiction	

NEW OPERATOR

Company: <u>Scout Energy Management LLC</u>	Name: <u>Jon Piot</u>
Address: <u>13800 Montford Road, Suite 100</u>	Signature:
<u>city Dallas state TX zip 75240</u>	Title: <u>Managing Director</u>
Phone: <u>972-325-1027</u>	Date: <u>11/15/2022</u>
Comments: Change of operator effective 9/1/2022	

(This space for State use only)

EPA approval required

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