

NEWFIELD



December 8, 2004

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 2-23-9-15 ✓
Ashley Federal 4-23-9-15
Federal 4-7-9-18
Federal 9-7-9-18
Federal 16-7-9-18
Pariette Draw Federal 7-23R-8-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The 7-23R-8-17 is an Exception Location. The our Land Department has been notified and they will be sending the required Exception Location Letter. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
DEC 13 2004
DIV. OF OIL, GAS & MINING

001

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

N/A

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

Ashley

8. Lease Name and Well No.

Ashley Federal 2-23-9-15

9. API Well No.

43-013-32735

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NW/NE Sec. 23, T9S R15E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production

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

754' FNL 1957' FEL

568587X 40.021610
4430255Y-110.196264

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 16.1 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. 683' f/lse & 7237' f/unit

16. No. of Acres in lease

2286.43

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*

to nearest well, drilling, completed,

applied for, on this lease, ft.

Approx. 1210'

19. Proposed Depth

6070'

20. BLM/BIA Bond No. on file

UTU0056

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

6305' GL

22. Approximate date work will start*

2nd 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.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

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

25. Signature

Name (Printed/Typed)

Mandie Crozier

Date

12/18/04

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III

Date

12-15-04

Title

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

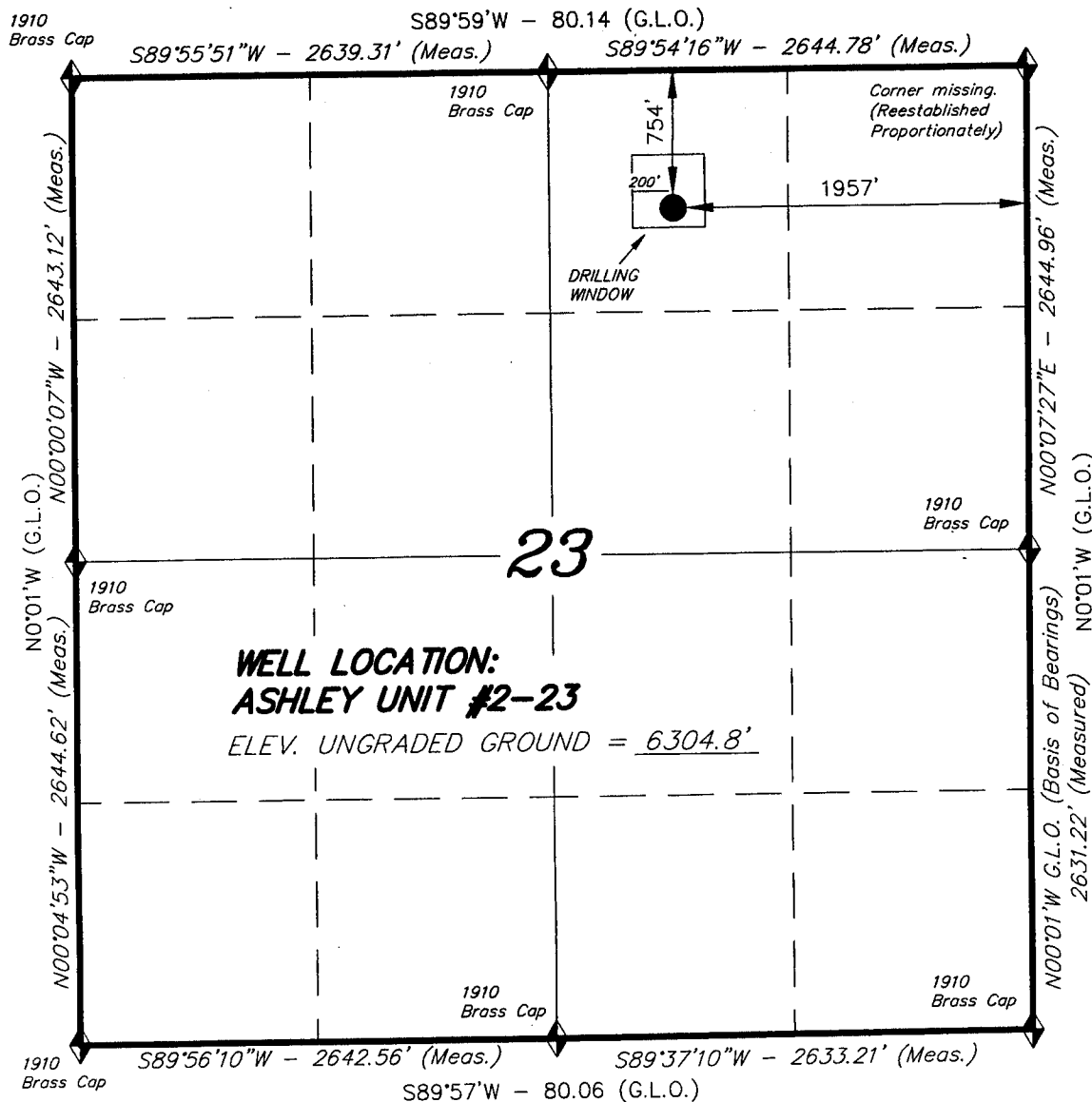
RECEIVED

DEC 13 2004

DIV. OF OIL, GAS & MINING

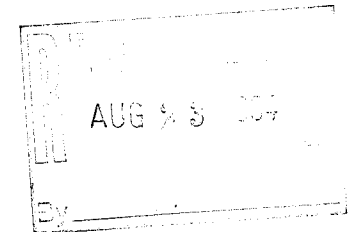
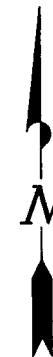
Federal Approval of this
Action is Necessary

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

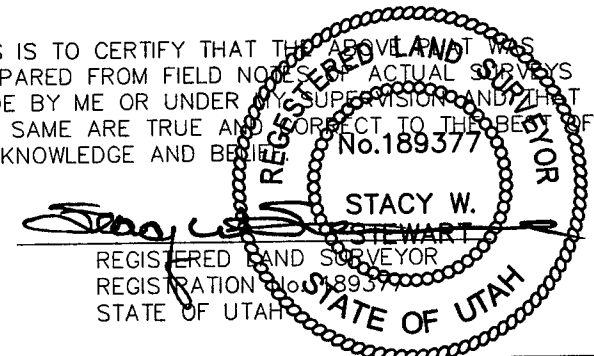


INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT #2-23,
LOCATED AS SHOWN IN THE NW 1/4 NE
1/4 OF SECTION 23, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE LAND 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.



TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-28-04

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 #2-23-9-15
NW/NE SECTION 23, 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' - 1640'
Green River	2600'
Wasatch	6070'

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

Green River Formation 2600' - 6070' - 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 #2-23-9-15
NW/NE SECTION 23, 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 #2-23-9-15 located in the NW 1/4 NE 1/4 Section 23, 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 - 9.5 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly and then southwesterly - 3.1 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.1 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road 615' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the 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 have been previously submitted and are on file with the Bureau of Land Management. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #2-23-9-15 Newfield Production Company requests 75' of disturbed area be granted in Lease UTU-68548 and 540' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 75' of disturbed area be granted in Lease UTU-68548 and 540' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Sage Grouse: No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the location's proximity (2 mile radius) to Sage Grouse strutting grounds.

Reserve Pit Liner

A 12 mil liner will be required if fractured rock is encountered. 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)

Beardless Bluebunch Wheatgrass	<i>Agropyron Spicatum Var. Inerme</i>	5 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	6 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal #2-23-9-15 was on-sited on 4/15/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear at 40 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-23-9-15 NW/NE Section 23, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

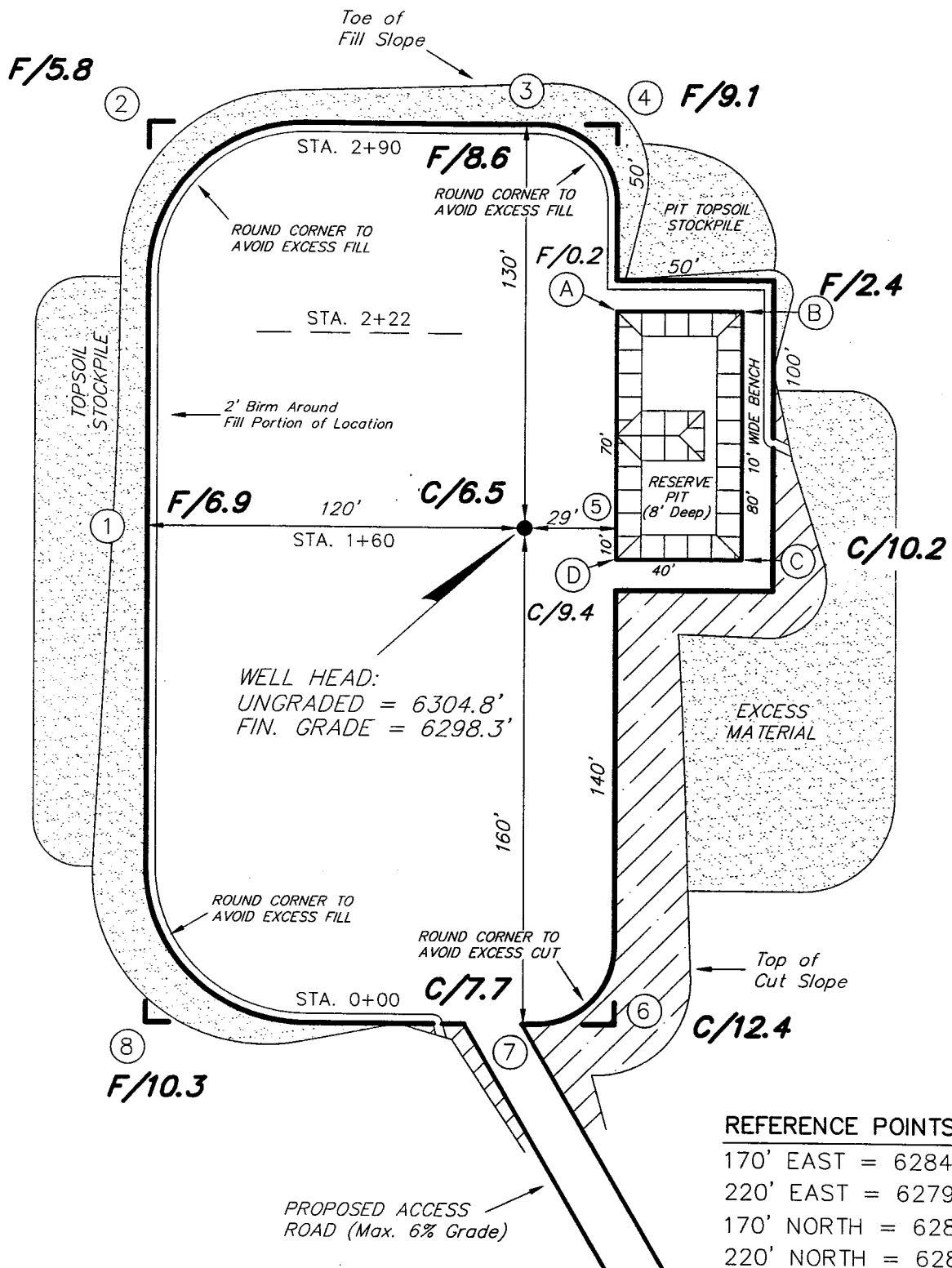
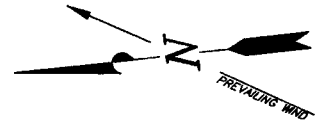
12/8/04
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

INLAND PRODUCTION COMPANY

ASHLEY UNIT 2-23

Section 23, T9S, R15E, S.L.B.&M.



REFERENCE POINTS

170' EAST = 6284.2'
 220' EAST = 6279.3'
 170' NORTH = 6289.4'
 220' NORTH = 6286.3'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

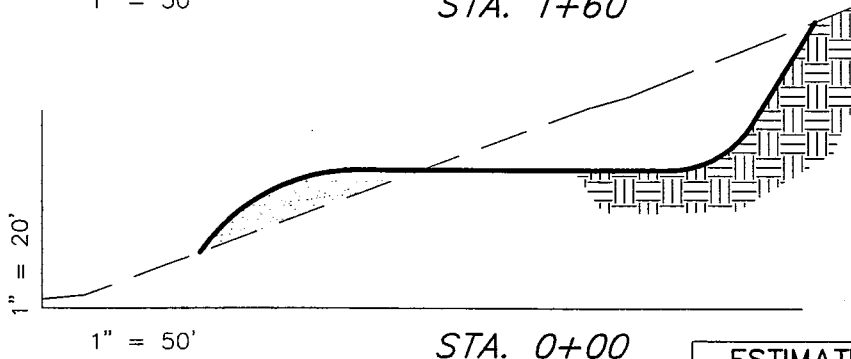
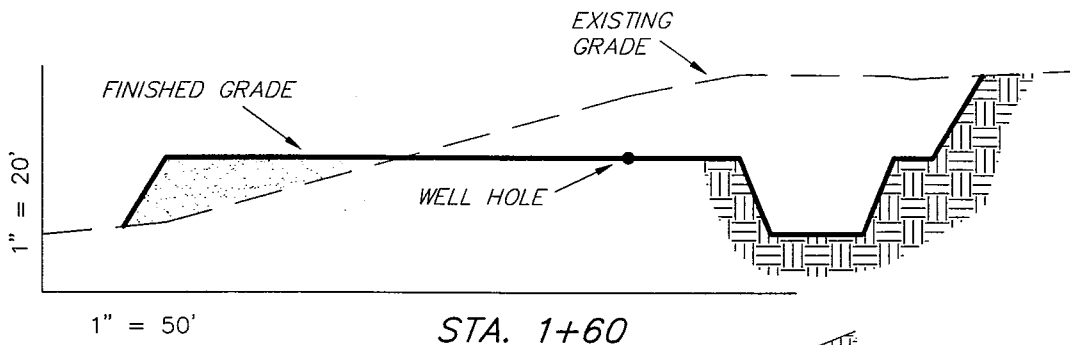
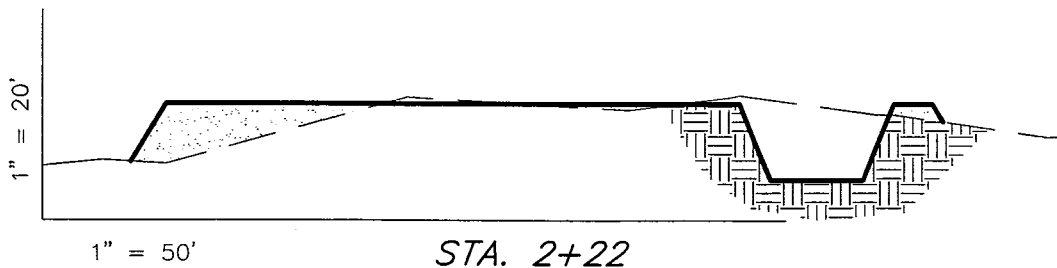
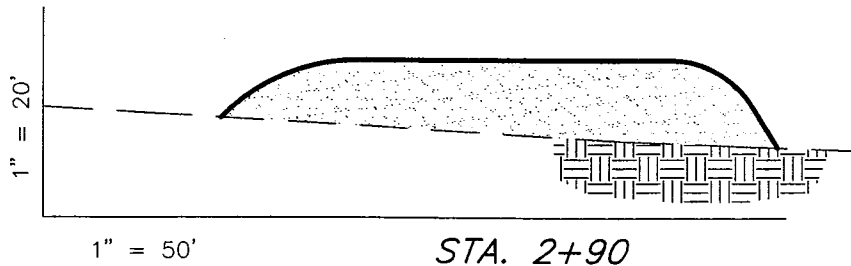
DATE: 7-28-04

Tri State
 Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS
ASHLEY UNIT 2-23



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	4,630	4,630	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,270	4,630	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

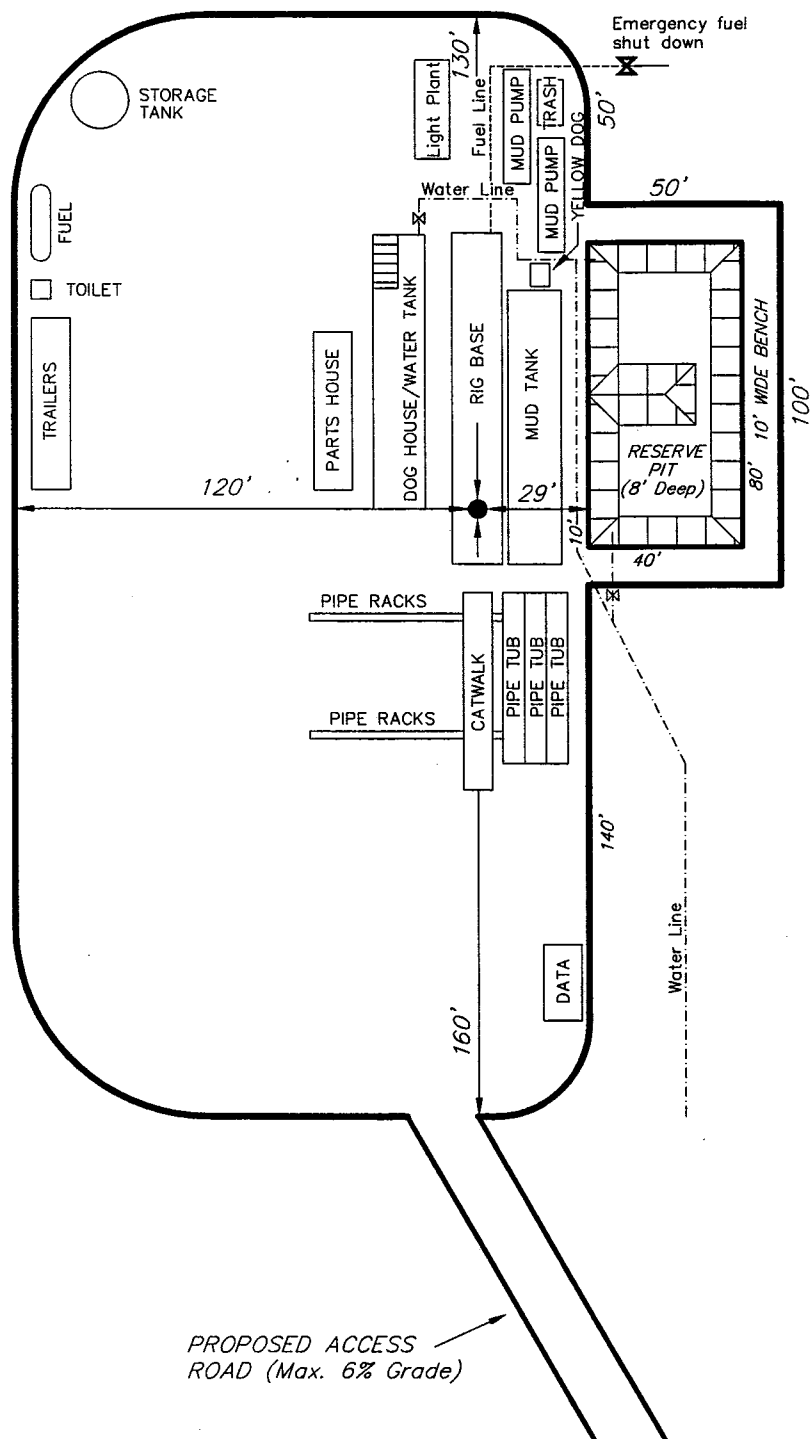
DATE: 7-28-04

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

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

ASHLEY UNIT 2-23



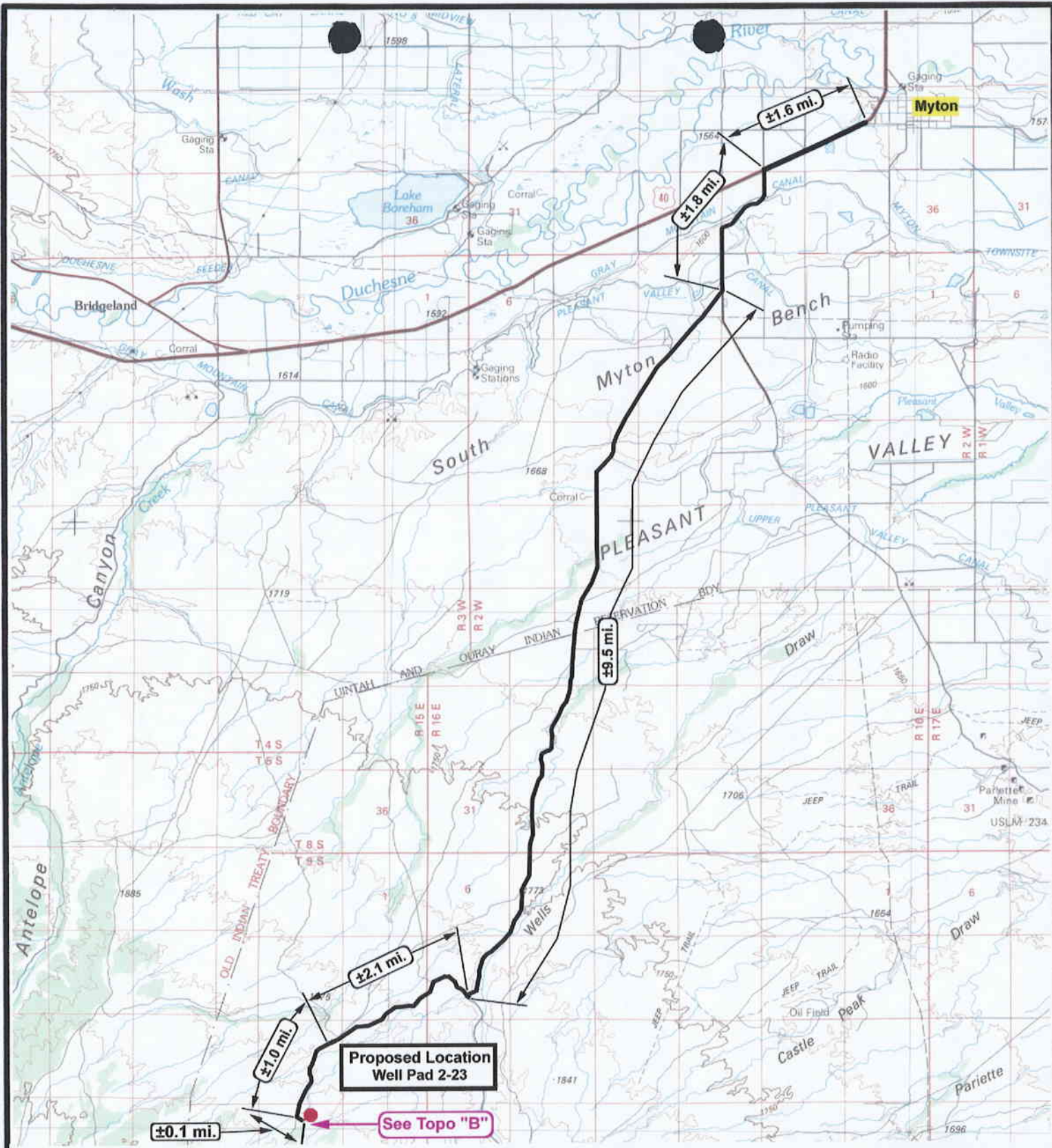
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-28-04

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



Ashley Unit 2-23
SEC. 23, T9S, R15E, S.L.B.&M.



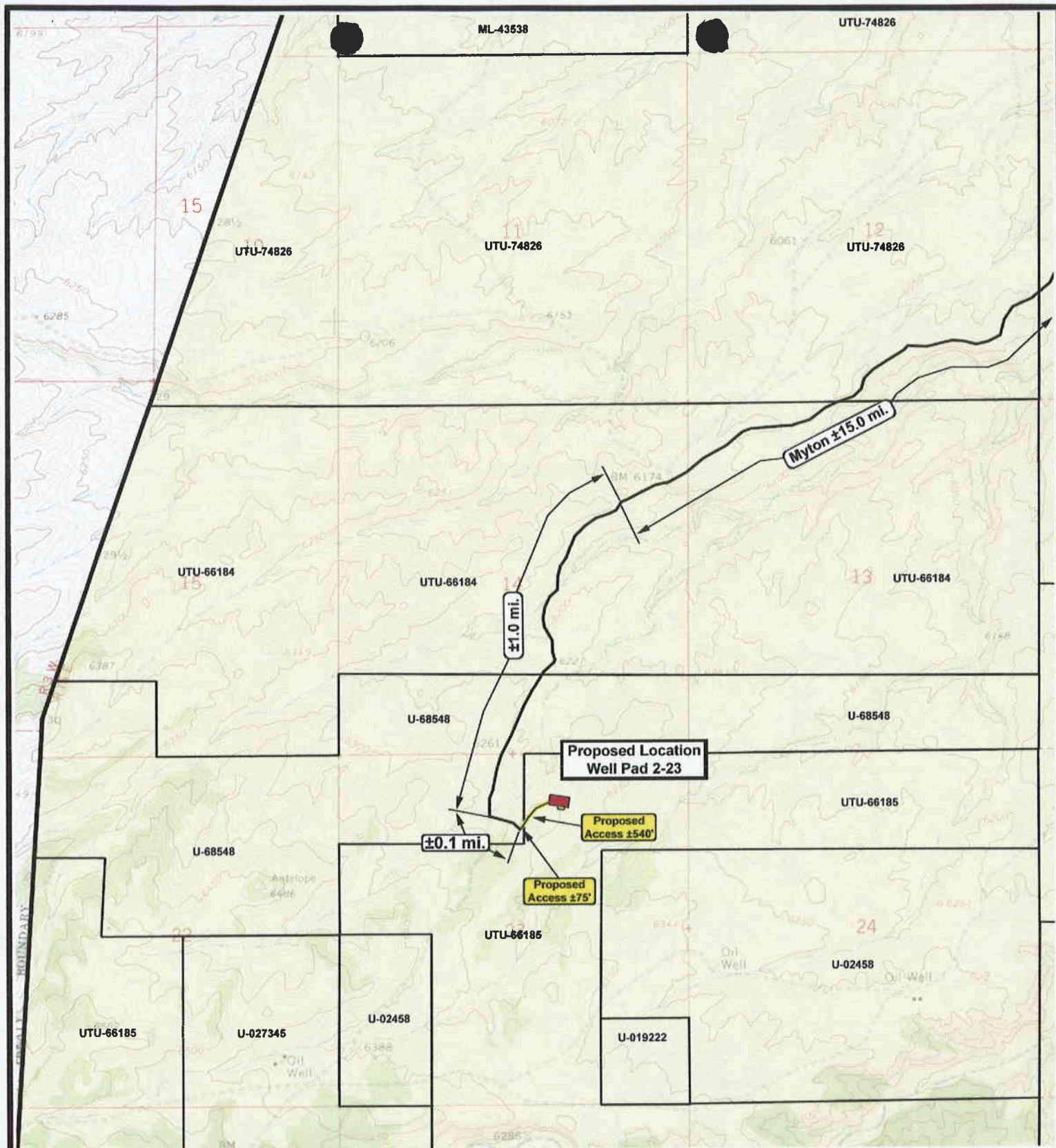
Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: bgm
 DATE: 08-06-2004

Legend
 — Existing Road
 — Proposed Access

TOPOGRAPHIC MAP

"A"



**Ashley Unit 2-23
SEC. 23, T9S, R15E, S.L.B.&M.**



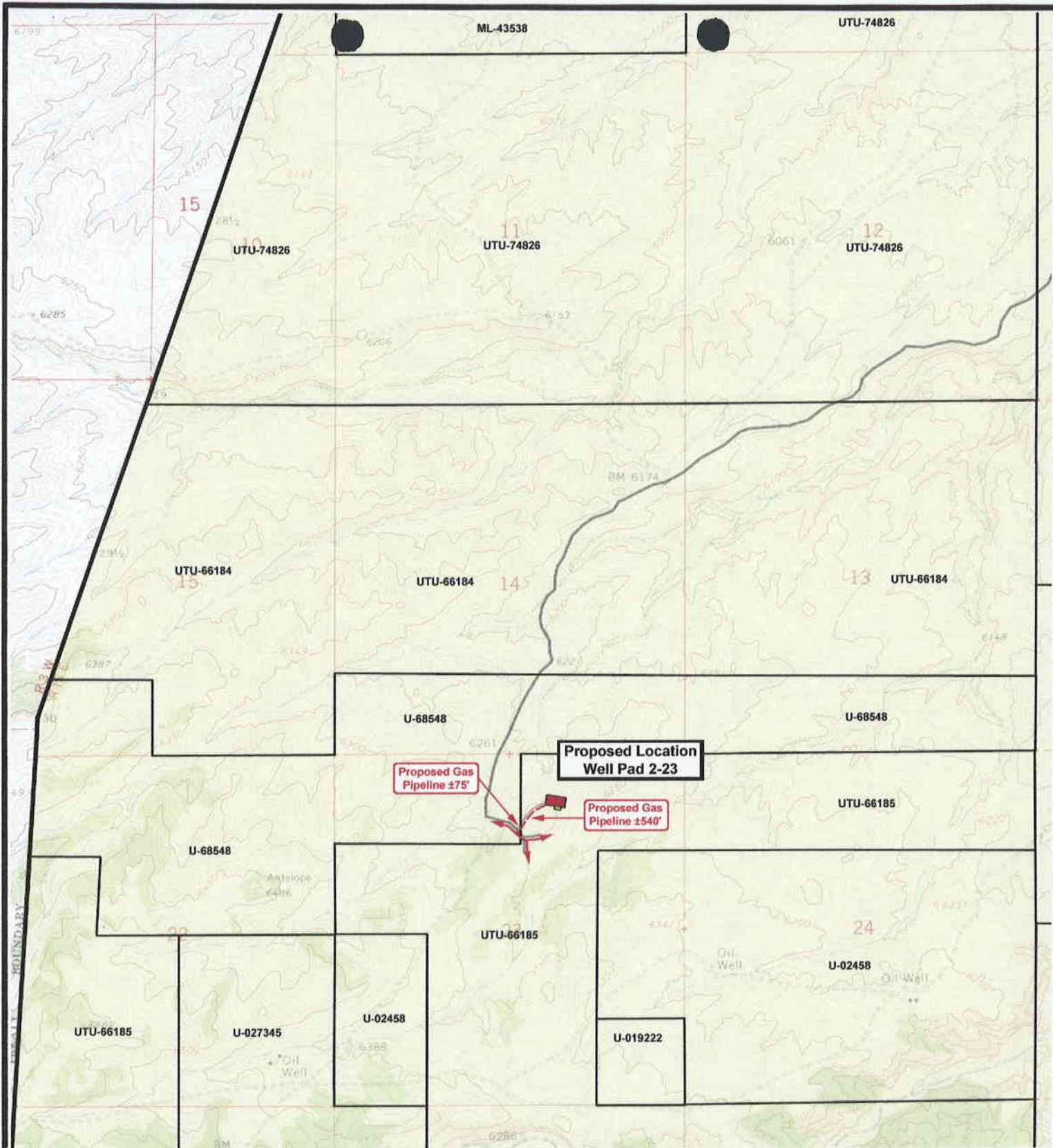
**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 08-06-2004

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"



RESOURCES INC.

Ashley Unit 2-23
SEC. 23, 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: bgm
 DATE: 08-06-2004

Legend
 Roads
 Existing Gas Line

TOPOGRAPHIC MAP

"C"

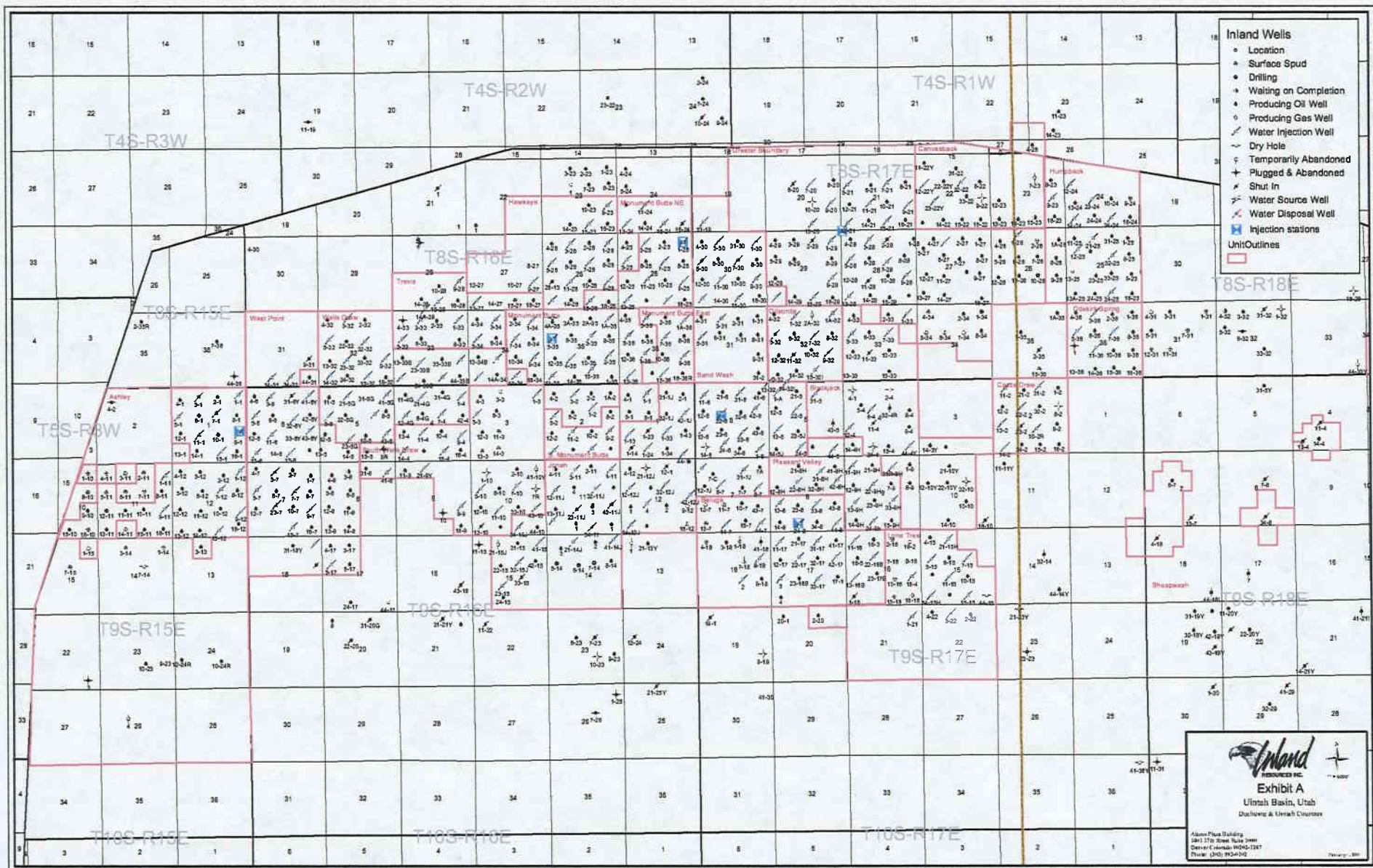


Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

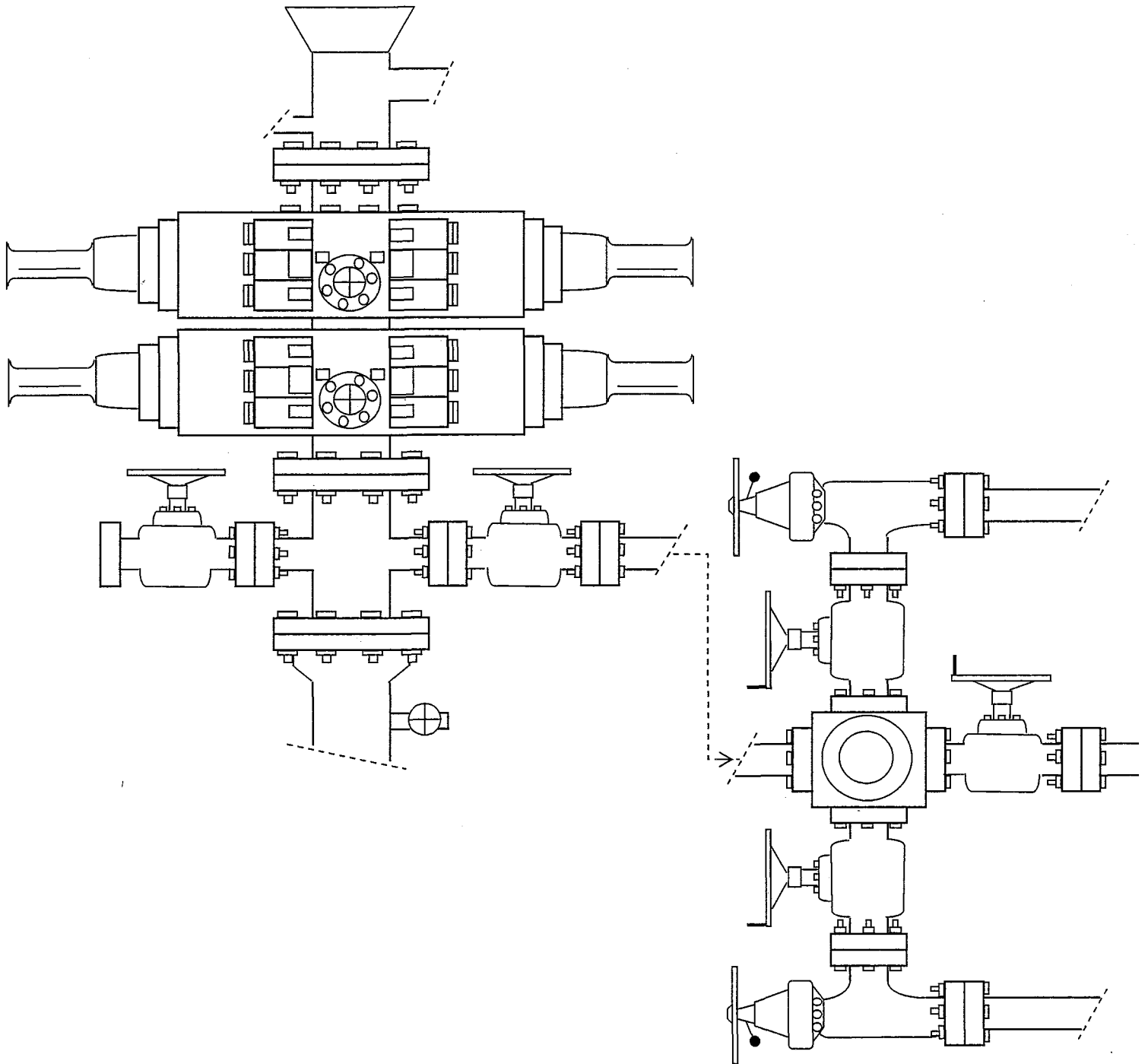


EXHIBIT C

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

By:

Christopher M Nicholson
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
Vernal, Utah

Prepared Under ~~Contract~~ With:

Inland Resources
Route 3, Box 3630
Myton, UT 84052

Prepared By:

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

MOAC Report No. 03-59

September 15, 2003

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

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

INLAND RESOURCES, INC.

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

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

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 7, 2003

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

By:

Christopher M Nicholson
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
Vernal, Utah

~~Prepared Under Contract With:~~

Inland Resources
Route 3, Box 3630
Myton, UT 84052

Prepared By:

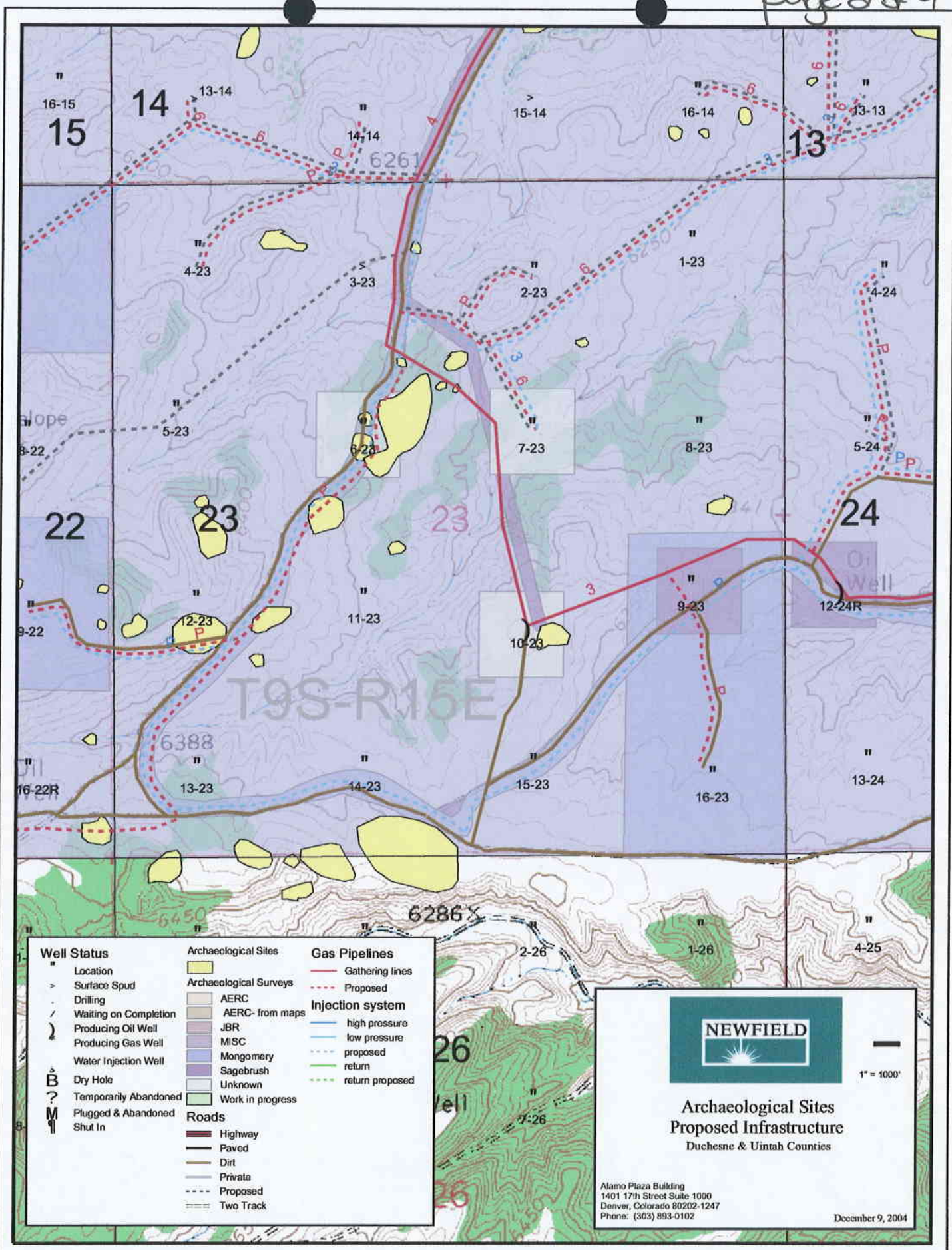
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 03-59

September 15, 2003

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

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



INLAND RESOURCES, INC.

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

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

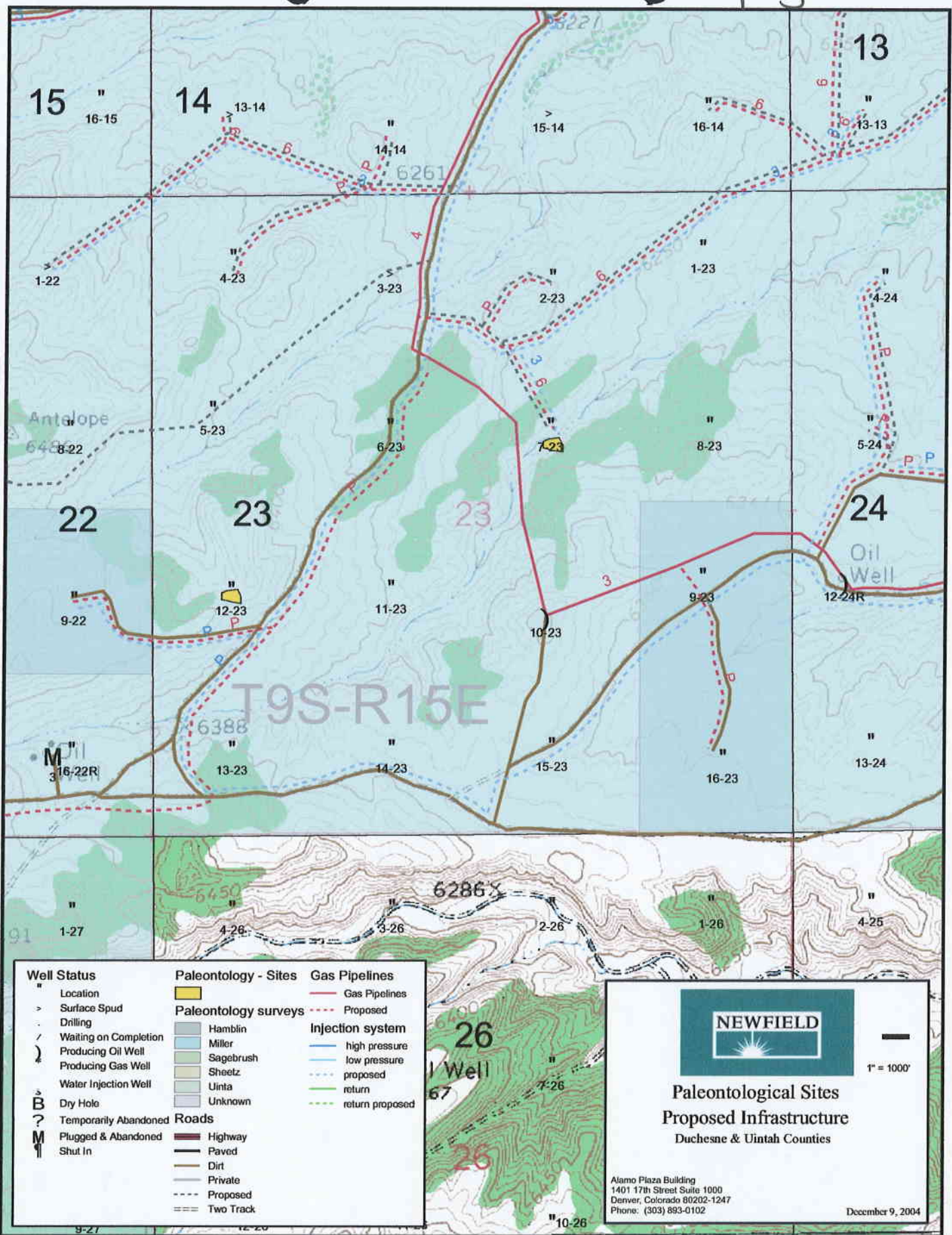
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 7, 2003



Well Status

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

Paleontology - Sites


- ~ Paleontology surveys
- ~ Hamblin
- ~ Miller
- ~ Sagebrush
- ~ Sheetz
- ~ Uinta
- ~ Unknown

Gas Pipelines

- ~ Gas Pipelines
- ~ Proposed
- ~ Injection system
- ~ high pressure
- ~ low pressure
- ~ proposed
- ~ return
- ~ return proposed

Roads

- ~ Highway
- ~ Paved
- ~ Dirt
- ~ Private
- ~ Proposed
- ~ Two Track



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

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

1" = 1000'

December 9, 2004

005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/13/2004

API NO. ASSIGNED: 43-013-32735

WELL NAME: ASHLEY FED 2-23-9-15OPERATOR: NEWFIELD PRODUCTION (N2695)CONTACT: MANDIE CROZIERPHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNE 23 090S 150E

SURFACE: 0754 FNL 1957 FEL

BOTTOM: 0754 FNL 1957 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02161

LONGITUDE: -110.1963

RECEIVED AND/OR REVIEWED:

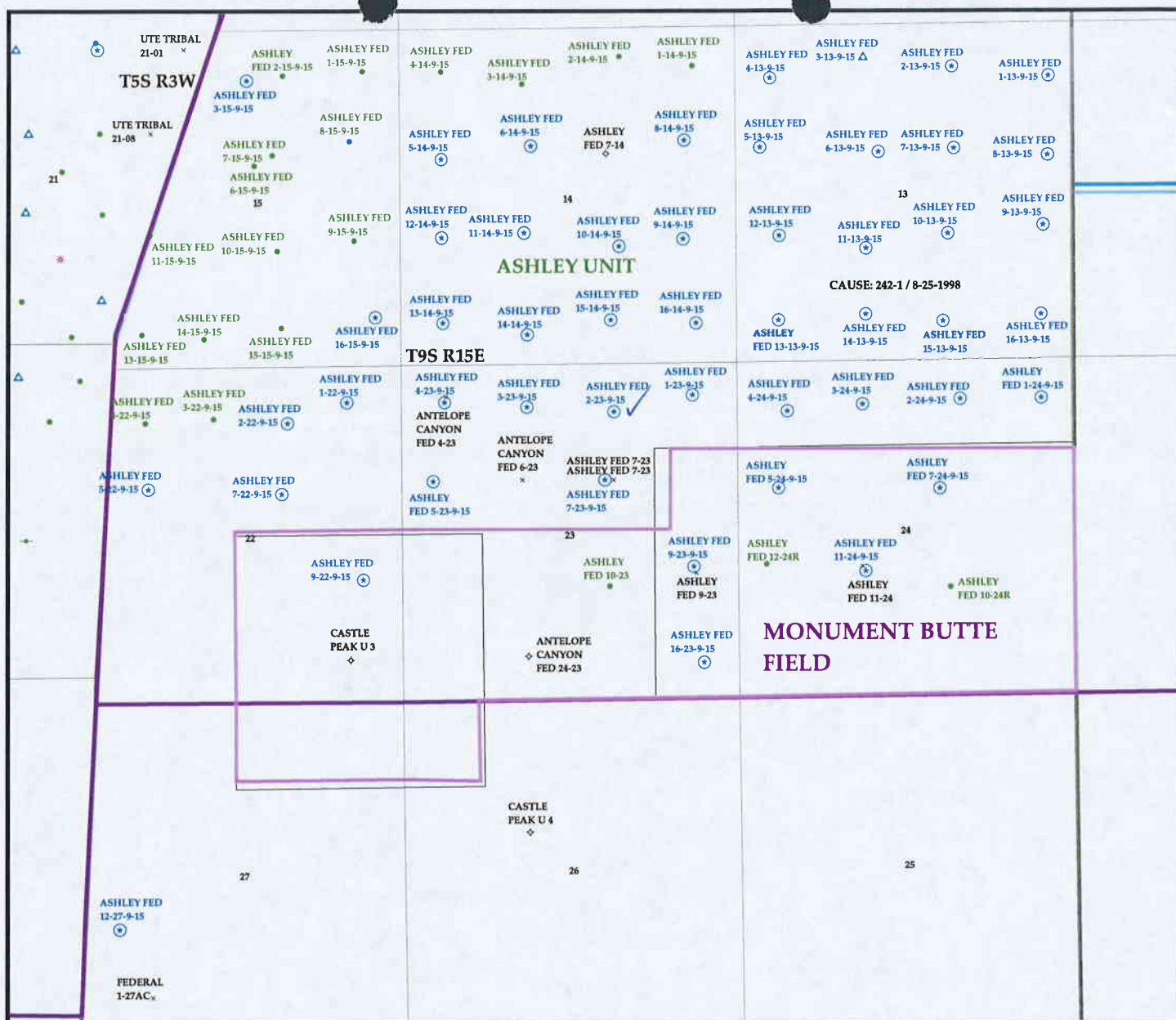
☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU0056)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit(No. MUNICIPAL)☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

 R649-2-3.Unit ASHLEY R649-3-2. GeneralSiting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception☒ Drilling UnitBoard Cause No: 142-1Eff Date: 8-25-1998Siting: Suspends General Siting R649-3-11. Directional DrillCOMMENTS: Sep, Separate fileSTIPULATIONS: 1-Federal Approval



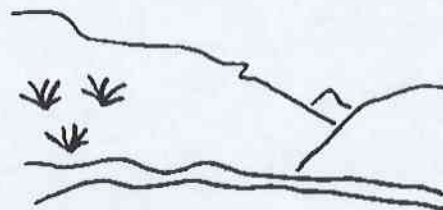
OPERATOR: NEWFIELD PROD CO (N2695)

SEC. 23 T.9S R.15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

PREPARED BY: DIANA WHITNEY
DATE: 15-DECEMBER-2004

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 15, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 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 2004 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32736	Ashley Fed 4-23-9-15 Sec 23 T09S R15E 0575 FNL 0683 FWL	
43-013-32735	Ashley Fed 2-23-9-15 Sec 23 T09S R15E 0754 FNL 1957 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:12-15-04



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

December 15, 2004

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

Re: Ashley Federal 2-23-9-15 Well, 754' FNL, 1957' FEL, NW NE, Sec. 23,
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 43-013-32735.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Ashley Federal 2-23-9-15
API Number: 43-013-32735
Lease: UTU-66185

Location: NW NE Sec. 23 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

DEC 13 2004

BLM VERNAL, UTAH

007

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-66185
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. Ashley
8. Lease Name and Well No. Ashley Federal 2-23-9-15
9. API Well No. 43.013.32735
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/NE Sec. 23, 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		
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 754' FNL 1957' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximately 16.1 miles southwest of Myton, Utah		17. Spacing Unit dedicated to this well 40 Acres
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 683' f/ise & 7237' f/unit	16. No. of Acres in lease 2286.43	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1210'	19. Proposed Depth 6070'	20. BLM/BIA Bond No. on file UT00056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6305' GL	22. Approximate date work will start* 2nd 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 12/18/04
Title Regulatory Specialist		
Approved by (Signature) <i>Howard R. Leavitt</i>	Name (Printed/Typed) Howard R. Leavitt	Date 05/13/2005
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.

CONDITIONS OF APPROVAL 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 1 / 2005

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Newfield Production Co.

Well Name/Number: Federal 2-23-9-15

API Number: 43-013-32735

Location: NWNE Sec Tship Rng.: 23, T9S, R15E

Lease Number: UTU-66185

Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood 435) 828-7874
Petroleum Engineer

Michael Lee (435) 828-7875
Petroleum Engineer

BLM FAX Machine 435) 781-4410

Company/Operator: Newfield Production Company.

API Number 43-013-32735

Well Name & Number: Federal 2-23-9-15

Lease Number: U-66185

Location: NWNE Sec. 23 T. 9 S. R. 15 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 12-13-04

-None. All required stipulations are included in the APD.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 2-23-9-15

Api No: 43-013-32735 Lease Type: FEDERAL

Section 23 Township 09S Range 15E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 06/21/05

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by FLOYD MITCHELL

Telephone # 1-435-823-3610

Date 06/21/2005 Signed CHD

RECEIVED

JUN 23 2005

DIV. OF OIL, GAS & MINING

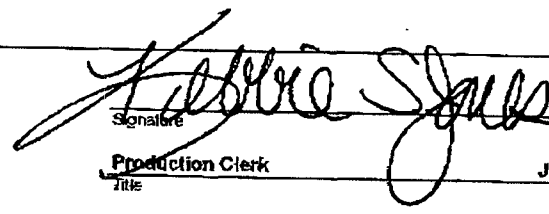
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

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

OPERATOR ACCT. NO. N2696

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14786	43-013-32704	Federal 12-14-9-17	NW/SW	14	9S	17E	Duchesne	6/15/2005	6/29/05 K
WELL 1 COMMENTS: GRPV											
A	99999	14787	43-047-36069	Federal 10-14-9-17	NW/SE	14	9S	17E	Uintah	6/16/2005	6/29/05 K
WELL 2 COMMENTS: GRPV											
A	99999	14788	43-047-34950	Federal 2-23-9-18	NW/NE	23	9S	18E	Uintah	6/21/2005	6/29/05 K
WELL 3 COMMENTS: GRPV											
A	99999	14789	43-013-32735	Ashley Federal 2-23-9-15	NW/NE	23	9S	15E	Duchesne	6/21/2005	6/29/05 K
WELL 4 COMMENTS: GRPV											
A	99999	14790	43-047-36012	Federal 14-13-9-17	SE/SW	13	9S	17E	Uintah	6/23/2005	6/29/05 K
WELL 5 COMMENTS: GRPV											

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.


Signature Kebbie S. Jones
Production Clerk
June 23, 2005
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

754 FNL 1957 FEL

NW/NE Section 23 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

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

ASHLEY UNIT

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 6/21/05 MIRU Ross Rig # 24. Spud well @ 10:30 AM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 303' KB On 6/22/05 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 7 bbl cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Alvin Nielsen

Title

Drilling Foreman

Signature

Alvin Nielsen

Date

06/24/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on reverse)

RECEIVED
JUN 29 2005
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.13

LAST CASING 8 5/8" SET AT 312.131'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 303 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Ashley Federal 2-23-9-15
 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 42.45'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.28
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.13
TOTAL LENGTH OF STRING		302.13	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			312.13
TOTAL		300.28	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		300.28	7				
TIMING		1ST STAGE					

BEGIN RUN CSG.	Spud	6/21/2005	10:30 AM	GOOD CIRC THRU JOB	YES
CSG. IN HOLE		6/22/2005	10:00 AM	Bbls CMT CIRC TO SURFACE	7
BEGIN CIRC		6/23/2005	8:15 AM	RECIPROCATED PIPE FOR	THRU FT STROKE
BEGIN PUMP CMT		6/23/2005	8:21 AM		N/A
BEGIN DSPL. CMT		6/23/2005	8:30 AM	BUMPED PLUG TO	880 PSI
PLUG DOWN		6/23/2005	8:36 AM		

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 Alvin Nielsen DATE 6/24/2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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 No. (include area code)

435.646.3721

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

754 FNL 1957 FEL

NW/NE Section 23 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 7/22/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6100'. 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, 144 jt's of 5.5 J-55, 15.5# csgn. Set @ 6099' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned all spacers to reserve pit. Nipple down Bop's. Drop slips @ 82,000 #s tension. Release rig @ 6:30 PM on 7/30/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Justin Crum

Title

Drilling Foreman

Signature

Date

08/03/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on reverse)

RECEIVED
AUG 08 2005
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6099.89

Flt cllr @ 6085.64

LAST CASING 8 5/8" SET AT 312.13'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Ashley Federal 2-23-9-15

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 6060' Loggers TD 6060

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	SHJT	5.92' @4037.03					
143	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6085.64
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	15
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6101.89
TOTAL LENGTH OF STRING	6101.89	144	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	85.22	2	CASING SET DEPTH	6099.89
TOTAL	6171.86	147	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6171.86	147		
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	7/30/2005	9:30 AM	GOOD CIRC THRU JOB	<u>Yes</u>
CSG. IN HOLE	7/30/2005	1:00 PM	Bbls CMT CIRC TO SURFACE	<u>0</u>
BEGIN CIRC	7/30/2005	1:00 PM	RECIPROCATED PIPE FOR	<u>THRUSTROKE</u>
BEGIN PUMP CMT	7/30/2005	1:30 PM	DID BACK PRES. VALVE HOLD ?	<u>Yes</u>
BEGIN DSPL. CMT	7/30/2005	15:00	BUMPED PLUG TO	<u>2041</u> PSI
PLUG DOWN	30-Jul	3:11 PM		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

RECEIVED

AUG 18 2005 7/31/2005

COMPANY REPRESENTATIVE Justin Crum

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 26 2005
DIV. OF OIL, GAS & MINING

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

754 FNL 1957 FEL

NW/NE Section 23 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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

Name (Printed/Typed)
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

08/25/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 26 2005

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

754 FNL 1957 FEL

NW/NE Section 23 T9S R15E

5. Lease Serial No.

TU66185

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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

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

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

COPY SENT TO OPERATOR
Date: 8-30-05
Initials: CJD

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

08/25/2005

THIS SPACE FOR FEDERAL OR STATE AGENCY APPROVAL

Approved by

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

Title

Office

Date: 8/26/05

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 754' FNL & 1957' FEL (NW/NE) Sec.23, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32735 DATE ISSUED 12/15/04

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUN 6/21/05 16. DATE T.D. REACHED 7/30/05 17. DATE COMPL. (Ready to prod.) 8/24/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6305' GL 6317' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6100' 21. PLUG BACK T.D., MD & TVD 6084' 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 4174'-5446'

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#	312'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6100'	7-7/8"	300 sx Premite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5530'	TA @ 5392'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5424'-5430', 5436'-5446'	.41"	4/64	5424'-5446'	Frac w/ 54,896# 20/40 sand in 453 bbls fluid
(DC) 5106'-13', 5134'-5204', 5250'-63', 5302'-10'	.41"	4/252	5106'-5310'	Frac w/ 240,230# 20/40 sand in 1566 bbls fluid
(A1) 4998'-5008'	.41"	4/40	4998'-5008'	Frac w/ 34,340# 20/40 sand in 350 bbls fluid
(C,B.5,&B1) 4770'-75', 4834'-38', 4862'-66'	.41"	4/52	4770'-4866'	Frac w/ 34,266# 20/40 sand in 345 bbls fluid
(D1) 4616'-4623'	.41"	4/28	4616'-4623'	Frac w/ 24,437# 20/40 sand in 253 bbls fluid
(DS2) 4540'-4552'	.41"	4/48	4540'-4552'	Frac w/ 25,087# 20/40 sand in 283 bbls fluid
(GB6) 4174'-4180'	.41"	4/24	4174'-4180'	Frac w/ 26,129# 20/40 sand in 244 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 8/24/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 4' x 17' Rtbc McGuyver Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 85	GAS--MCF. 59	WATER--BBL. 53		GAS-OIL RATIO 694
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
RECEIVED								

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

Sold & Used for Fuel

SEP 29 2005

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV OF OIL, GAS & MINING

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

SIGNED

Mandie Crozier
Mandie Crozier

TITLE

Regulatory Specialist

DATE

9/27/2005

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

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Well Name Ashley Federal 2-23-9-15	Garden Gulch Mkr	3594'	
					Garden Gulch 1	3832'	
					Garden Gulch 2	3937'	
					Point 3 Mkr	4182'	
					X Mkr	4452'	
					Y-Mkr	4487'	
					Douglas Creek Mkr	4593'	
					BiCarbonate Mkr	4822'	
					B Limestone Mkr	4936'	
					Castle Peak	5506'	
					Basal Carbonate	5947'	
					Total Depth (LOGGERS)	6060'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

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

3b. Phone No. (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
754 FNL 1957 FEL
NW/NE Section 23 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

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

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

Status report for time period 08/08/05 - 08/24/05

Subject well had completion procedures initiated in the Green River formation on 08-08-05 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5436'- 5446'),(5424'- 5430'); Stage #2 (5302'-5310'),(5250'- 5263'),(5134'-5204'),(5106'-5113'); Stage #3 (4998'-5008'); Stage #4(4862'-4866'),(4834'-4838'),(4770'-4775'); Stage #5(4616'-4623'); Stage #6 (4540'-4552'); Stage #7 (4174'-4180'). All perforations, were 4 JSPF with the exception of Stage#2 (5134'-5204')which was 2 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 08-15-2005. Bridge plugs were drilled out and well was cleaned to 6084.00'. 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 08-24-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature

Title

Production Clerk

Date

10/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Date

Office

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

(Instructions on reverse)

RECEIVED

OCT 06 2005

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

October 20, 2005

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

Re: 12th Revision of the Green River Formation PA "A"
Ashley Unit
Duchesne County, Utah

Gentlemen:

The 12th Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of July 1, 2005, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 12th Revision of the Green River Formation Participating Area "A", results in the addition of 240.28 acres to the participating area for a total of 5,503.68 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances.

WELL NO.	API NO.	LOCATION	LEASE NO.
1-2	43-013-32436	NENE, 2-9S-15E	STATE
6-2	43-013-32584	SENE, 2-9S-15E	STATE
1-13	43-013-32463	NENE, 13-9S-15E	UTU66184
8-13	43-013-32460	SENE, 13-9S-15E	UTU66184
9-13	43-013-32459	NESE, 13-9S-15E	UTU66184
14-13	43-013-32669	SESW, 13-9S-15E	UTU68548
16-13	43-013-32668	SESE, 13-9S-15E	UTU68548
16-14	43-013-32667	SESE, 14-9S-15E	UTU68548

14659 → 12419

14707 → 12419

14772 → 12419

14754 → 12419

14739 → 12419

OK

14791 → 12419

OK

RECEIVED

OCT 21 2005

DIV. OF OIL, GAS & MINING

WELL NO.	API NO.	LOCATION	LEASE NO.
2-22	43-013-32643	NWNE, 22-9S-15E	UTU68548
2-23	43-013-32735	NWNE, 23-9S-15E	UTU66185
2-24	43-013-32645	NWNE, 24-9S-15E	UTU66185
4-24	43-013-32646	NWNW, 24-9S-15E	UTU66185

14829 → 12419
 14789 → 12419
 14811 → 12419
 OK

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 12th Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ David H. Murphy

David H. Murphy
 Acting Chief, Branch of Fluid Minerals

Enclosure

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.
 Reading File
 Central Files

UT922:TATHOMPSON:tt:10/20/05

OPERATOR ACCT. NO. N2695

RECEIVED
NOV 01 2005
COMPANY
DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14829	12419	43-013-32643	ASHLEY FEDERAL 2-22-9-15	NWNE	22	9S	15E	DUCHESNE	N/A	11/3/05
WELL COMMENTS: GRRV PA eff 7/1/05 -J											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14789	12419	43-013-32735	ASHLEY FEDERAL 2-23-9-15	NWNE	23	9S	15E	DUCHESNE	N/A	11/3/05
WELL COMMENTS: GRRV PA eff 7/1/05 -J											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14811	12419	43-013-32645	ASHLEY FEDERAL 2-24-9-15	NWNE	24	9S	15E	DUCHESNE	N/A	11/3/05
WELL COMMENTS: GRRV PA eff 7/1/05 -J											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL COMMENTS:											

ACTION CUCES: Seat straps; fangs on back of femur

- Establish new entity for new well (single well only)
- Add new well to existing entity (group or unit well)
- Reassign well from one existing entity to another existing entity
- Reassign well from one existing entity to a new entity
- Other (explain in comments section)

4077- Use COMMENT section to explain why each Action Code was selected

Signature

Kim Kettle

Production Clerk
Title

November 1, 2005
Date

11/01/2005 11:01

4356463031

INLAND

PAGE 03

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-66185
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 2-23-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0754 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 23 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013327350000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START 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"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 12:30 PM on 06/18/2014. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 18, 2014 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/18/2014	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

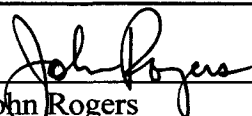
Cause No. UIC-381

Operator: Newfield Production Company
Well: Ashley Federal 2-23-9-15
Location: Section 23, Township 9 South, Range 15 East
County: Duchesne
API No.: 43-013-32735
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 19, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,937' – 6,084')
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

0/17/2014
Date

JR/MLR/js

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

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





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 19, 2012

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 2-23-9-15, Section 23, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32735

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 3,937 feet in the Ashley Federal 2-23-9-15 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



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

Applicant: Newfield Production Company **Well:** Ashley Federal 2-23-9-15

Location: 23/9S/15E **API:** 43-013-32735

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

Well Integrity: The proposed well has surface casing set at 312 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,100 feet. A cement bond log demonstrates adequate bond in this well up to about 3,594 feet. A 2 7/8 inch tubing with a packer will be set at 4,124 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 (4/18/2014), on the basis of surface locations, there are 7 producing wells and 8 injection wells in the AOR. One of the producing wells is horizontally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. Additionally, there are 4 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there are 3 approved surface locations outside the AOR from which directional wells will be drilled to bottom hole locations 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 1900 feet. Injection shall be limited to the interval between 3,937 feet and 6,084 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-23-9-15 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,089 psig. The requested maximum pressure is 2,089 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley Federal 2-23-9-15
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: 11/3/2011 (revised 4/18/2014)

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

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DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	11/7/2011

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000739594 /
SCHEDULE	
Start 11/04/2011	End 11/04/2011
CUST. REF. NO.	
Legal Notice	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
68 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
175.00	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-381

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESS COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32858
Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735
Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736
Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32877
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828
Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817
Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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

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

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

Dated this 1st day of November, 2011.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill

AFFIDAVIT OF PUBLICATION

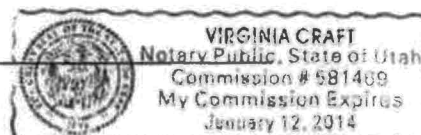
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-381 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, 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.

PUBLISHED ON Start 11/04/2011 End 11/04/2011

SIGNATURE

Virginia Craft

11/7/2011



Virginia Craft

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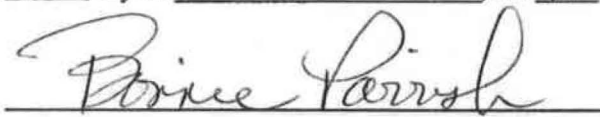
AFFIDAVIT OF PUBLICATION

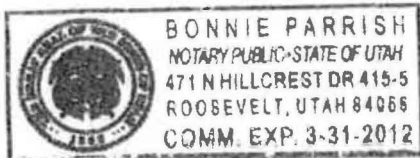
County of Duchesne,
STATE OF UTAH

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 8 day of November, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of November, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.


Publisher

Subscribed and sworn to before me this

8 day of November, 20 11

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-381

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 SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:
Ashley Federal 8-22-

requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 1st day of November, 2011.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill

Permitting Manager

Published in the Uintah Basin Standard November 8, 2011.

Last week I men

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Guy

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forward Jerry Chan
Jazz center Billy P
Jazz forward Mi
forward Shandon
defensive Bob Fuhr
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BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-381

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Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

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.

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Dated this 1st day of November, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 8-22-9-15, ASHLEY FEDERAL 2-23-9-15,
ASHLEY FEDERAL 4-23-9-15, ASHLEY FEDERAL 6-23-9-15
ASHLEY FEDERAL 8-23-9-15, ASHLEY FEDERAL 14-23-9-15
ASHLEY FEDERAL 16-23-9-15**

Cause No. UIC-381

Publication Notices were sent to the following:

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

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

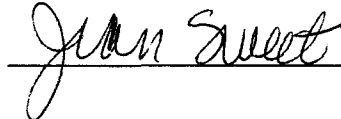
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





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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

November 1, 2011

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 11/1/2011 11:21 AM
Subject: Legal Notice
Attachments: OrderConf.pdf

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Run Trib - 11/4
Cost \$175.0
Thank you
Mark

Order Confirmation for Ad #0000739594-01

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Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	earlenerussell@utah.gov	Jean	mfulz

Total Amount	\$175.00			
Payment Amt	\$0.00			
Amount Due	\$175.00	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	Legal Notice	
Confirmation Notes:				
Text:	Jean			
Ad Type	Ad Size	Color		
Legal Liner	2.0 X 68 Li	<NONE>		

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BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-381

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

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Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827
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Dated this 1st day of November, 2011.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/

Brad Hill

Permitting Manager

739594

UPAXLP



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

November 1, 2011

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 11/2/2011 3:17 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

On 11/1/2011 10:02 AM, Jean Sweet wrote:

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

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

Received. Thank you. It will run Nov. 8.
Cindy



October 21, 2011

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

RE: Permit Application for Water Injection Well
Ashley Federal #2-23-9-15
Monument Butte Field, Lease #UTU-66185
Section 23-Township 9S-Range 15E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #2-23-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and extends across the width of the letter.

Eric Sundberg
Regulatory Lead

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #2-23-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #1-23-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #3-23-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY FEDERAL #4-23-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY FEDERAL #6-23-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY FEDERAL #7-23-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #8-23-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY FEDERAL #10-14-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY FEDERAL #14-14-9-15
ATTACHMENT E-9	WELLBORE DIAGRAM – ASHLEY FEDERAL #15-14-9-15
ATTACHMENT E-10	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-14-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 8/9/2005 – 8/25/2011 & 1/14/2006 – 1/19/2006
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

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DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ASHLEY FEDERAL #2-23-9-15
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-66185
OCTOBER 21, 2011

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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 #2-23-9-15
Field or Unit name: Monument Butte (Green River) Lease No. UTU-66185
Well Location: QQ NWNE section 23 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: 43-013-32735

Proposed injection interval: from 3937 to 6084
Proposed maximum injection: rate 500 bpd pressure 2089 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 Regulatory Lead Date 10/21/11
Phone No. (303) 893-0102

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

Comments:

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Ashley Federal 2-23-9-15

Spud Date: 6-21-05
Put on Production: 8-24-05
GL: 6305' KB: 6317'

Proposed Injection Wellbore Diagram

Initial Production: 46 BOPD,
32 MCFD, 92 BWPD

SURFACE CASING

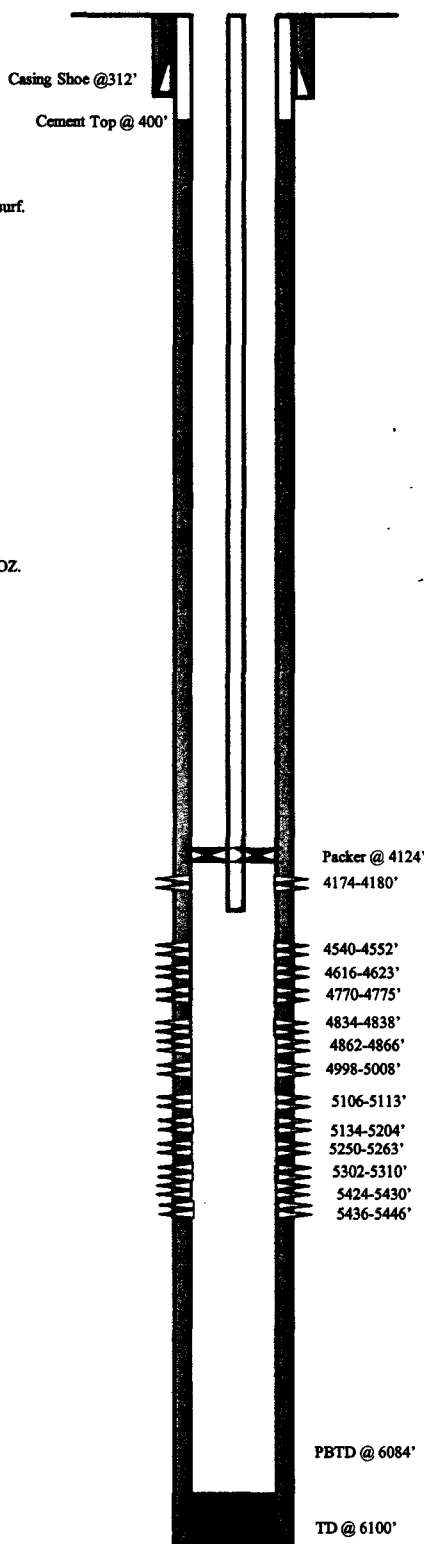
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (300.28')
DEPTH LANDED: 312.13' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6100.64')
DEPTH LANDED: 6099.89' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.
CEMENT TOP AT: 400'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 166 jts (5508.39')
TUBING ANCHOR: 5520.39' KB
NO. OF JOINTS: 1 jts (33.27')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5556.46' KB
NO. OF JOINTS: 1 jts (33.28')
TOTAL STRING LENGTH: EOT @ 5591.29' KB



FRAC JOB

8-15-05	5424-5446'	Frac LODC sand as follows: 54896#'s 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 2845 psi w/avg rate of 26.5 BPM. Screened out w/3454#'s of sand.
8-16-05	5106-5310'	Frac LODC sand as follows: 240230#'s 20/40 sand in 1566 bbls Lightning 17 frac fluid. Treated @ avg press of 2358 psi w/avg rate of 39.3 BPM. Calc flush: 5104 gal. Actual flush: 5124 gal.
8-17-05	4998-5088'	Frac A1, sand as follows: 34340#'s 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 4996 gal. Actual flush: 5040 gal.
8-17-05	4770-4866'	Frac C, B.5, B1 sand as follows: 34266#'s 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 24.9 BPM. ISIP 2120 psi. Calc flush: 4768 gal. Actual flush: 4788 gal.
8-17-05	4616-4623'	Frac D1 sand as follows: 24437#'s 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2078 psi w/avg rate of 25 BPM. Screened out w/6.5# sand.
8-18-05	4540-4552'	Frac DS2 sand as follows: 25087#'s 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2266 psi w/avg rate of 19.8 BPM. ISIP 2800 psi. Calc flush: 4538 gal. Actual flush: 4536 gal.
8-18-05	4174-4180'	Frac GB6 sand as follows: 26129#'s 20/40 sand in 244 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 14.1 BPM. ISIP 3800 psi. Screened out w/9500#'s in casing.
1/14/06		Pump change. Update rod and tubing details
12/07/06		Pump Change. Update rod and tubing details.
01/17/07		Pump Change. Update rod and tubing details.
03/21/07		Pump Change. Update rod and tubing details.
9-19-08		Pump change. Updated rod & tubing details.

PERFORATION RECORD

8-8-05	5424-5430'	4 JSPP	24 holes
8-8-05	5436-5446'	4 JSPP	40 holes
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8-16-05	5250-5263'	4 JSPP	52 holes
8-16-05	5302-5310'	4 JSPP	32 holes
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8-17-05	4770-4775'	4 JSPP	20 holes
8-17-05	4834-4838'	4 JSPP	16 holes
8-17-05	4862-4866'	4 JSPP	16 holes
8-17-05	4616-4623'	4 JSPP	28 holes
8-18-05	4540-4552'	4 JSPP	48 holes
8-18-05	4174-4180'	4 JSPP	24 holes

NEWFIELD

Ashley Federal 2-23-9-15
754' FNL & 1957' FEL
NWNE Section 23-T9S-R15E
Duchesne Co, Utah
API #43-013-32735; Lease #UTU-66185

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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 #2-23-9-15 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 #2-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3937' - 6084'). 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 3954' and the TD is at 6100'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #2-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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**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 refilled.**

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 312' KB, and 5-1/2", 15.5# casing run from surface to 6100' 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.

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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 2089 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 #2-23-9-15, for existing perforations (4174' - 5446') calculates at 0.88 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 2089 psig. We may add additional perforations between 3594' and 6100'. 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 #2-23-9-15, the proposed injection zone (3937' - 6084') 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-10.

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.

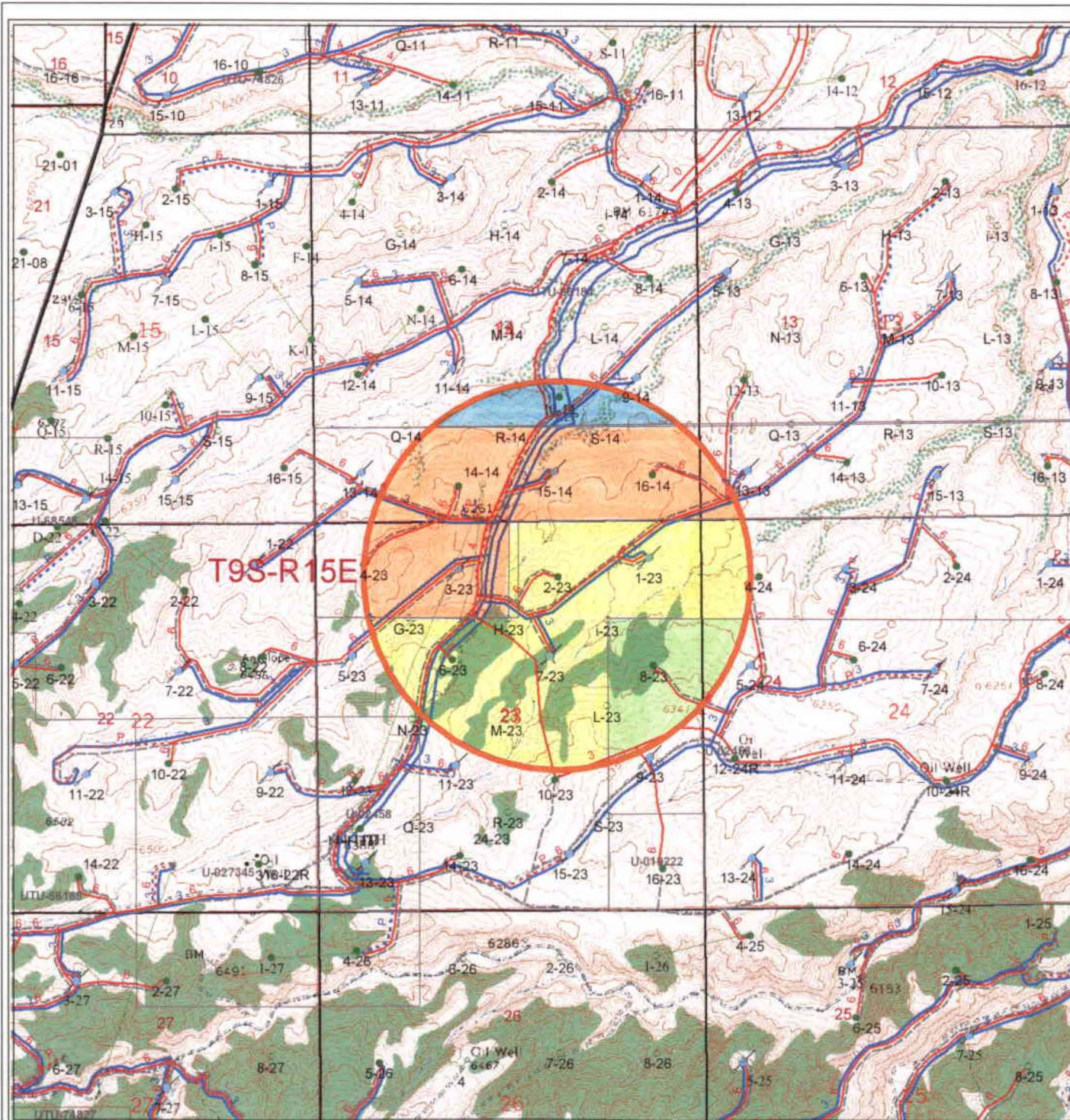
- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

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

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- Well Status**
- Location
 - ⊕ CTI
 - ⊕ Surface Spud
 - ⊕ Drilling
 - ⊕ Waiting on Completion
 - ⊕ Producing Oil Well
 - ⊕ Producing Gas Well
 - ⊕ Water Injection Well
 - ⊕ Dry Hole
 - ⊕ Temporarily Abandoned
 - ⊕ Plugged & Abandoned
 - ⊕ Shut In
- Countyline**
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- Leases
 - Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - 2_23_9_15_Buffer

OCT 26 2011

Ashley 2-23
Section 23, T9S-R15E

NEWFIELD
ROCKY MOUNTAINS



1/2 Mile Radius Map
Duchesne & Uintah Counties

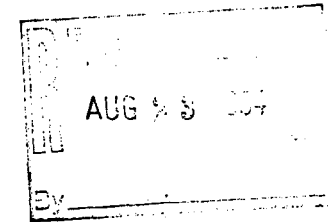
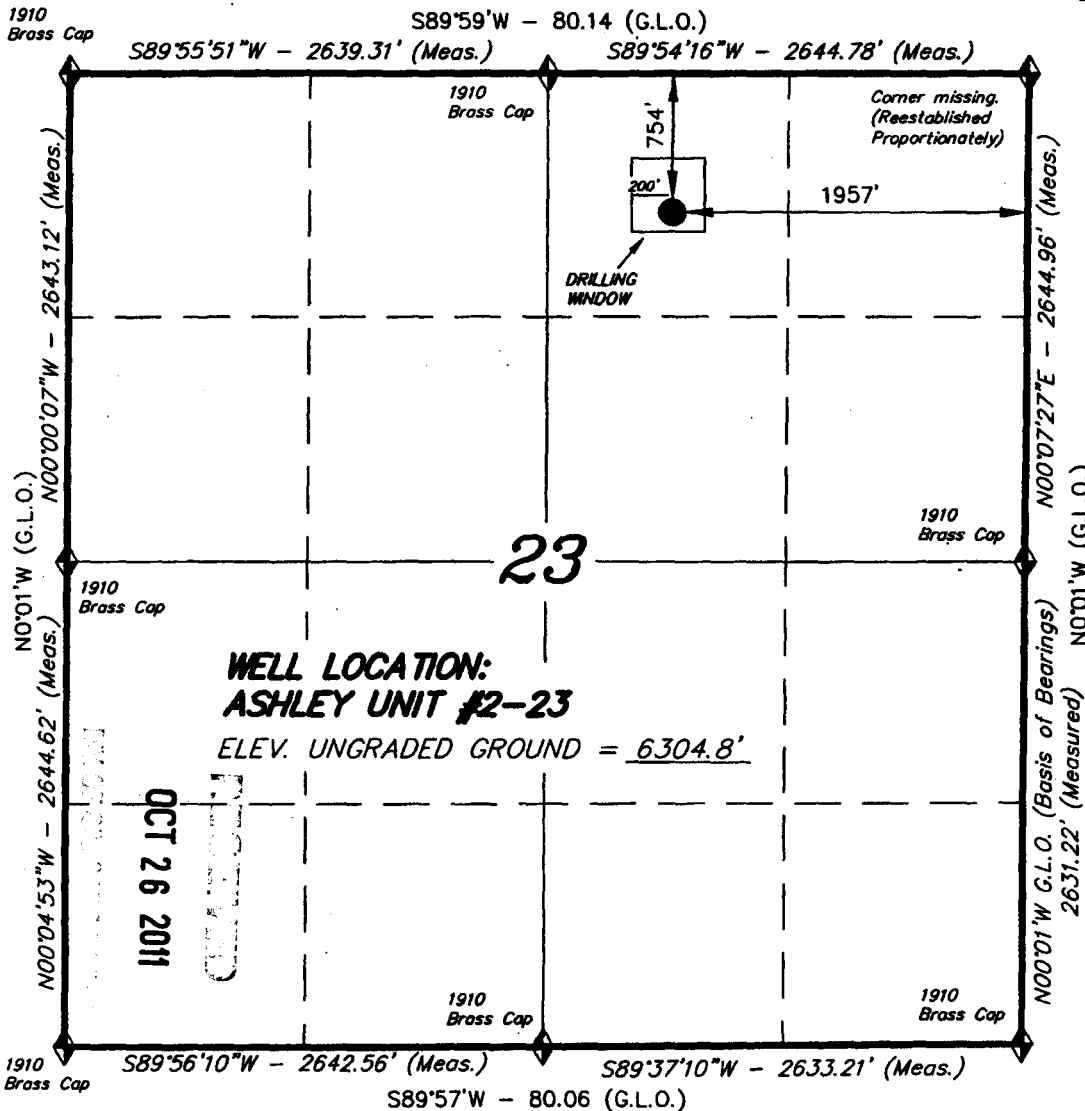
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone (303) 893-0102

June 28, 2011

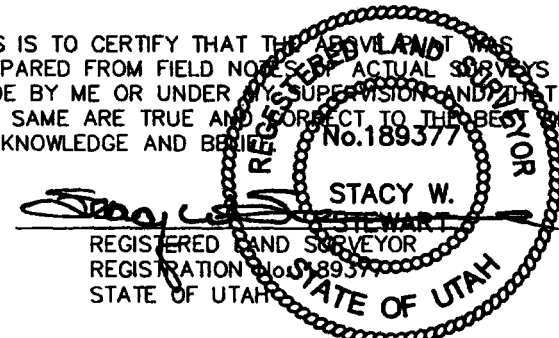
T9S, R15E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT #2-23,
LOCATED AS SHOWN IN THE NW 1/4 NE
1/4 OF SECTION 23, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE LAND 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.



TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-28-04

DRAWN BY: F.T.M.

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

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

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: E2, Lots 1-3	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA

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DIV. OF OIL, GAS & MINES

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Ashley Federal #2-23-9-15

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

Signed: _____

Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 21st day of October, 2011.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



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DIV. OF OIL, GAS & MINING

Ashley Federal 2-23-9-15

Spud Date: 6-21-05
Put on Production: 8-24-05

GL: 6305' KB: 6317'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (300.28')

DEPTH LANDED: 312.13' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cement, set 7 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 144 jts. (6100.64')

DEPTH LANDED: 6099.89' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 400'

TUBING

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

NO. OF JOINTS: 166 jts (5508.39')

TUBING ANCHOR: 5520.39' KB

NO. OF JOINTS: 1 jts (33.27')

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

SN LANDED AT: 5556.46' KB

NO. OF JOINTS: 1 jts (33.28')

TOTAL STRING LENGTH: BOT @ 5591.29' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'

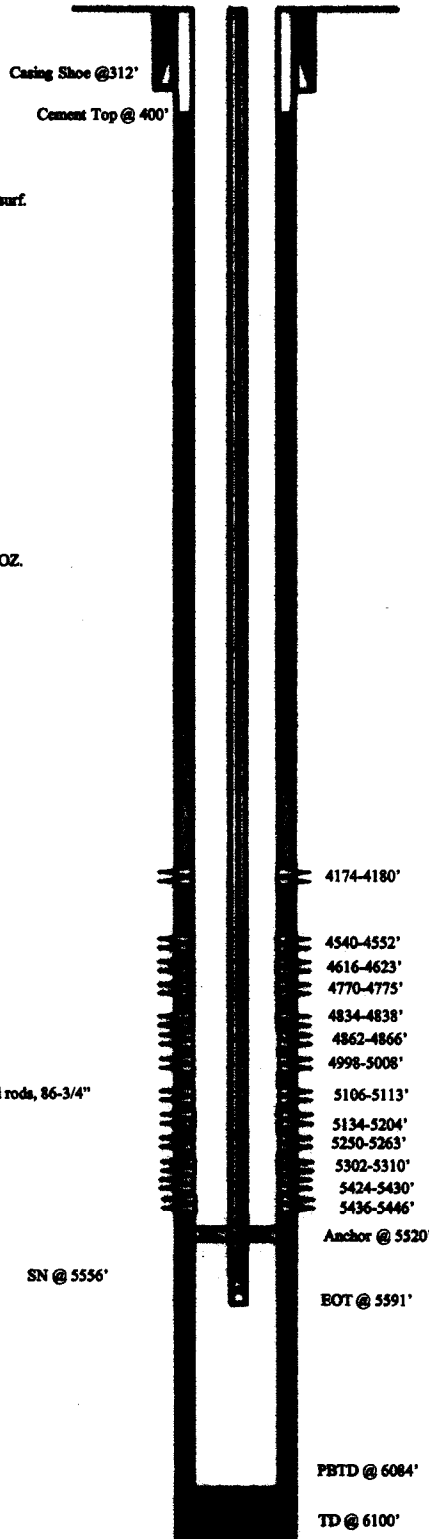
SUCKER RODS: 1-8", 1-2 x 3/4 pony rods, 99- 3/4" scraped rods, 86-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 12x 16' RHAC

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM

Wellbore Diagram



Initial Production: 46 BOPD,
32 MCFD, 92 BWPD

FRAC JOB

8-15-05	5424-5446'	Free LODC sand as follows: 54896#s 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 2845 psi w/avg rate of 26.5 BPM. Screened out w/3454#s of sand.
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8-17-05	4770-4866'	Free C, B.S, B1 sand as follows: 34266#s 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 24.9 BPM. ISIP 2120 psi. Calc flush: 4768 gal. Actual flush: 4788 gal.
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Duchenne Co, Utah
API #43-013-32735; Lease #UTU-66185

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ASHLEY FEDERAL 1-23-9-15

Spud Date: 12/13/04
Put on Production: 02/08/2005
GL: 6233' KB: 6245'

Initial Production: 62BOPD,
134MCFD, 6BWPD

Injection Wellbore
Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (299.78')
DEPTH LANDED: 309.78'
HOLE SIZE: 12 1/4"
CEMENT DATA: 150ccs Class G with 2% CaCL.

PRODUCTION CASING

CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5961.56')
DEPTH LANDED: 5959.56' KB
HOLE SIZE: 7 7/8"
CEMENT DATA: 353 ccs Prem. Lite II mixed & 460 ccs 50/50 POZ mix.
CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 153 jts (4790.51')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4802.51' KB
TOTAL STRING LENGTH: 4811.11' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-8', 1-2 x 3/4 pony rods, 99- 3/4" scraped rods, 86-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 12x 16' RHAC w/ 40Ring PA Glass Plunger
STROKE LENGTH: 86"
PUMP SPEED, 6 SPM

Cement Top @ 150'

SN @ 4803'

Packer @ 4807'

BOT @ 4811'

4865'-4870'

4924'-4934'

5031'-5036'

5086'-5110'

5116'-5136'

5147'-5167'

02/04/05 5031-5167'

Frac A-3 sands/ LODC as follows:
300,629# of 20/40 sand in 1936 bbls lightning
Frac 17 fluid. Treated @ avg psi of 2705 psi,
w/ avg rate of 40.7 bpm. ISIP 3260 psi. Calc
flush: 5029 gal. Actual flush: 4943 gal.

11/28/05

Re-completion - new perforations

02/04/05 4865'-4934'

Frac B2 & A.5 sands

102,379# of 20/40 sand in 715 bbls of
Lightning 17 fluid. Broke @ 2250 psi.
Treated w/ ave pressure of 2188 psi @ ave
rate of 26.1 BPM. ISIP 2430 psi.

5/22/06

Well converted to an Injection Well.

6/8/06

MIT completed and submitted.

04/24/07

Workover (tubing leak)

PERFORATION RECORD

01/27/05	5147-5167'	4 JSPP	40 holes
01/27/05	5116-5136'	4 JSPP	40 holes
01/27/05	5086-5110'	4 JSPP	48 holes
01/27/05	5031-5036'	4 JSPP	10 holes
11/28/05	4924-4934'	4 JSPP	40 holes
11/28/05	4865-4870'	4 JSPP	20 holes

Top of FHL & FBTD @ 5922'

SHOE @ 5960'

TD @ 5975'

NEWFIELD

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OCT 26 2011

DIV. OF OIL, GAS & MINING

ASHLEY FEDERAL 1-23-9-15

516' FNL & 709' FEL

NE/NE Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32478; Lease #UTU-66185

Ashley Federal 3-23-9-15

Spud Date: 12/06/04
Put on Production: 1/18/2005
GL: 6300' KB: 6312'

Initial Production: BOPD,
MCFD, BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 js. (323.36')
DEPTH LANDED: 333.36' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cement, cut 4 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 js. (5977.08')
DEPTH LANDED: 5975.08' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.
CEMENT TOP AT: 165'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 140 js. (4557.79')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4569.79' KB
TOTAL STRING LENGTH: BOT @ 4578.29' w/ 12' KB

Cement Top @ 165'

SN @ 4570'

Packer @ 4574'
BOT @ 4578'

4638-4652'

5201-5211'

5588-5607'

5622-5627'

5854-5864'

FBTD @ 5931'

SHOE @ 5975'

TD @ 5985'

FRAC JOB

1/13/05 5854'-5864' Frac CFS sands as follows:
29,391# 20/40 sand in 372 bbls Lightning 17
frac fluid. Treated @ avg press of 2133 psi
w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc
flush: 5852 gal. Actual flush: 5851 gal.

1/13/05 5588'-5627' Frac CP1 sands as follows:
79,648# 20/40 sand in 609 bbls Lightning 17
frac fluid. Treated @ avg press of 1659 psi
w/avg rate of 24.9 BPM. ISIP 1630 psi. Calc
flush: 5586 gal. Actual flush: 5586 gal.

1/13/05 5201'-5211' Frac LODC sands as follows:
26,556# 20/40 sand in 289 bbls Lightning 17
frac fluid. Treated @ avg press of 2158 psi
w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc
flush: 5199 gal. Actual flush: 5200 gal.

1/14/05 4638'-4652' Frac D1 sands as follows:
100,974# 20/40 sand in 704 bbls Lightning 17
frac fluid. Treated @ avg press of 1760 psi
w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc
flush: 4636 gal. Actual flush: 4652 gal.

5/10/06 Well converted to an Injection well.
5/23/06 MIT completed and submitted.

PERFORATION RECORD

1/06/05	5854'-5864'	4 JSFF	40 holes
1/13/05	5622'-5627'	4 JSFF	20 holes
1/13/05	5588'-5607'	4 JSFF	76 holes
1/13/05	5201'-5211'	4 JSFF	40 holes
1/13/05	4638'-4652'	4 JSFF	56 holes

NEWFIELD

Ashley Federal 3-23-9-15

660' FNL & 1980' FWL

NE/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32479; Lease #UTU-68548

RECEIVED

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DIV. OF OIL, GAS & MINING

Ashley Federal 4-23-9-15

Spud Date: 7/6/05
Put on Production: 10/12/05

GL: 6277' KB: 6289'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.87')
DEPTH LANDED: 312.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sss Class "C" cement, set 6 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5950.91')
DEPTH LANDED: 5948.91' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sss Prem. Lite II & 450 sss 50/50 POZ.
CEMENT TOP AT: 225'

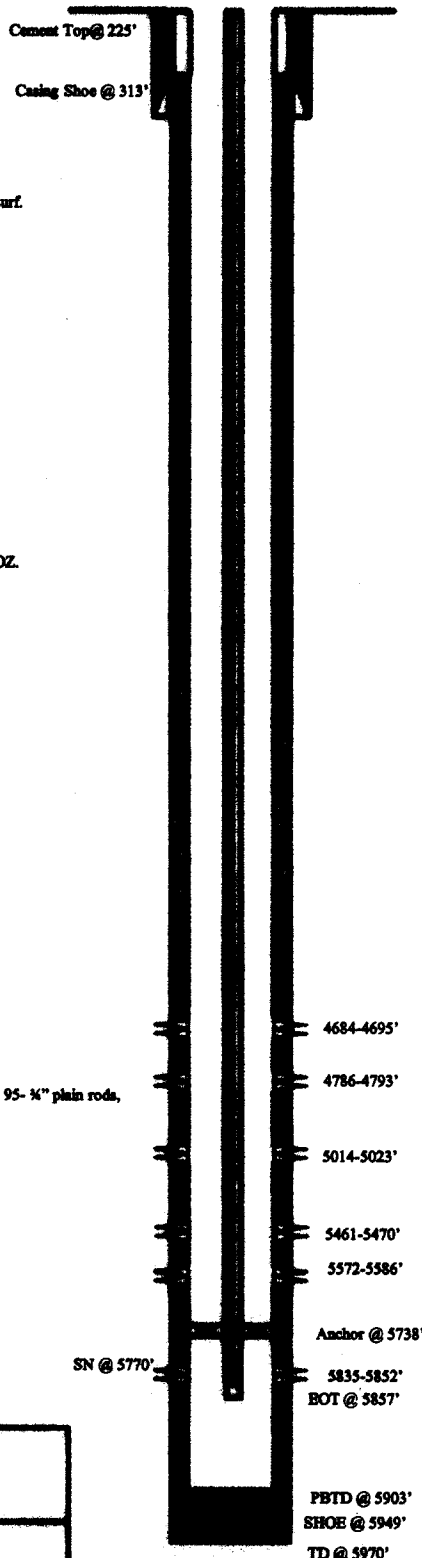
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5725.78)
TUBING ANCHOR: 5737.78'
NO. OF JOINTS: 1 jts (29.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5769.88'
NO. OF JOINTS: 2 jts (61.46')
NO. OF SUBS: 2 (20.00')
NO. OF PERF SUB: 1 (4.00')
TOTAL STRING LENGTH: BOT @ 5856.89'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-2' x 3/4" pony rod, 99- 3/4" scraped rods, 95- 3/4" plain rods,
30- 3/4" scraped rods, 6-1 3/4" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, 4 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

10/3/05 5835-5852' Frac CFS sand as follows:
120,429#s 20/40 sand in 857 bbls Lightning
17 frac fluid. Treated @ avg press of 1890 psi
w/avg rate of 25.1 BPM. ISIP 2350 Calc
Flush: 5833 gal. Actual Flush 5838 gal.

10/5/05 5572-5586' Frac CP1 sand as follows:
59,862#s 20/40 sand in 496 bbls Lightning
17 frac fluid. Treated @ avg press of 1493 psi
w/avg rate of 25.1 BPM. ISIP 1850 Calc
flush: 5570 gal. Actual flush: 5628 gal.

10/5/05 5461-5470' Frac LODC, sand as follows:
40,377#s 20/40 sand in 389 bbls Lightning
17 frac fluid. Treated @ avg press of 1710 psi
w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc
flush: 5459 gal. Actual flush: 5460 gal.

10/5/05 5014-5023' Frac A1 sand as follows:
40,727#s 20/40 sand in 409 bbls Lightning
17 frac fluid. Treated @ avg press of 2475 psi
w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc
flush: 5012 gal. Actual flush: 4998 gal.

10/5/05 4786-4793' Frac C sand as follows:
29,853#s 20/40 sand in 321 bbls Lightning
17 frac fluid. Treated @ avg press of 2485 psi
w/avg rate of 27.5 BPM. Screened Out. Calc
flush: 4784 gal. Actual flush: 4242 gal.

10/6/05 4684-4695' Frac D2 sand as follows:
46,269#s 20/40 sand in 403 bbls Lightning
17 frac fluid. Treated @ avg press of 1810 psi
w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc
flush: 4682 gal. Actual flush: 4578 gal.

08/22/06 Pump Change. Update rod and tubing details.
8/3/07 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes

NEWFIELD

Ashley Federal 4-23-9-15
575' FNL & 683' FWL
NW/NW Section 23-T9S-R15E
Duchesne Co, Utah
API #43-013-32736; Lease #UTU-68548

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DIV. OF OIL, GAS & MINING

DF 10/14/07

Spud Date: 06/14/2006

Put on Production: 08/02/2006

GL: 6327' KB: 6339'

Ashley Federal 6-23-9-15

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts (309.16')

DEPTH LANDED: 321.01' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sac Class "G" cement, est 4 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts (5912.51')

DEPTH LANDED: (5925.76') KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP: 275'

TUBING

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

NO. OF JOINTS: 143 jts (4530.7')

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

SN LANDED AT: 4542.7' KB

ON/OFF TOOL AT: 4543.8'

ARROW #1 PACKER CE AT: 4549.07'

XO 2-3/8 x 2-7/8 J-55 AT: 4552.8'

TBO PUP 2-3/8 J-55 AT: 4553.4'

X/N NIPPLE AT: 4557.5'

TOTAL STRING LENGTH: EOT @ 4559.02'

FRAC JOB

07/28/06 5618-5634

Frac CP2 sands as follows:

34,075# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1597 psi w/avg rate of 24.9 BPM. ISIP 1675 psi. Calc flush: 5616 gal. Actual flush: 5124 gal 07/28/06

5248-5260'

Frac LODC sands as follows:

69,111# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5246 gal. Actual flush: 4788 gal.

07/28/06 5129-4997'

Frac LODC, A3, & A1 sands as follows:

198,857# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 2698 psi w/avg rate of 26.7 BPM. ISIP 3150 psi. Calc flush: 5127 gal. Actual flush: 4536 gal.

07/28/06 4808-4820'

Frac B.S sands as follows:

33,850# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.5 BPM. ISIP 2090 psi. Calc flush: 4806 gal. Actual flush: 4326 gal.

07/28/06 4604-4612'

Frac D1 sands as follows:

43,995# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 1928 psi w/avg rate of 25.5 BPM. ISIP 2450 psi. Calc flush: 4602 gal. Actual flush: 4536 gal.

10/23/06

Pump Change Rod & Tubing detail updated.

8-7-08

Pump change. Updated rod & tubing details.

12/31/2011

Parted Rods. Rod & tubing detail updated.

12/14/12

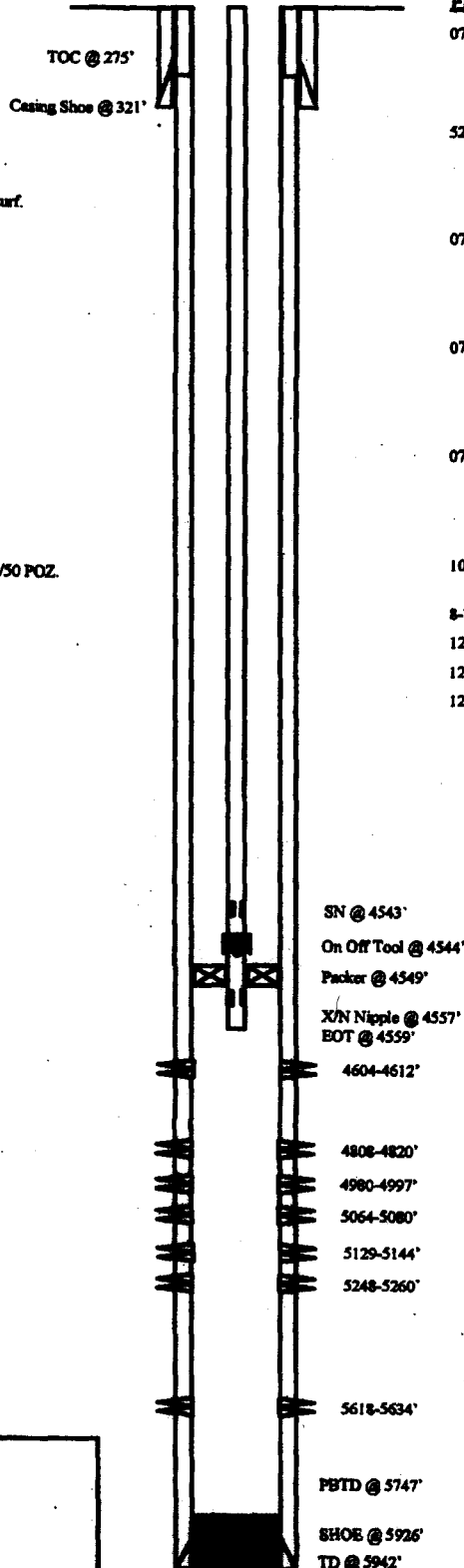
Convert to Injection Well

12/18/12

Conversion MIT Finalized - update thg detail

PERFORATION RECORD

07/28/06	5618-5634'	4 JSPP	64 holes
07/28/06	5248-5260'	4 JSPP	48 holes
07/28/06	5129-5144'	4 JSPP	60 holes
07/28/06	5064-5080'	4 JSPP	64 holes
07/28/06	4980-4997'	4 JSPP	68 holes
07/28/06	4808-4820'	4 JSPP	48 holes
07/28/06	4604-4612'	4 JSPP	32 holes

**NEWFIELD**

Ashley Federal 6-23-9-15
1878' FNL & 1888' FWL
SE/NW Section 23-T9S-R15E
Duchesne County, Utah
API #43-013-32827; Lease #UTU-66185

Ashley Federal 7-23-9-15

Spud Date: 12-11-04
Put on Production: 2-4-05

GL: 6278' KB: 6290'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (294.31')

DEPTH LANDED: 306.16' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cement, est 2 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5911.70')

DEPTH LANDED: 5910.95' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.

CEMENT TOP AT:

TUBING

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

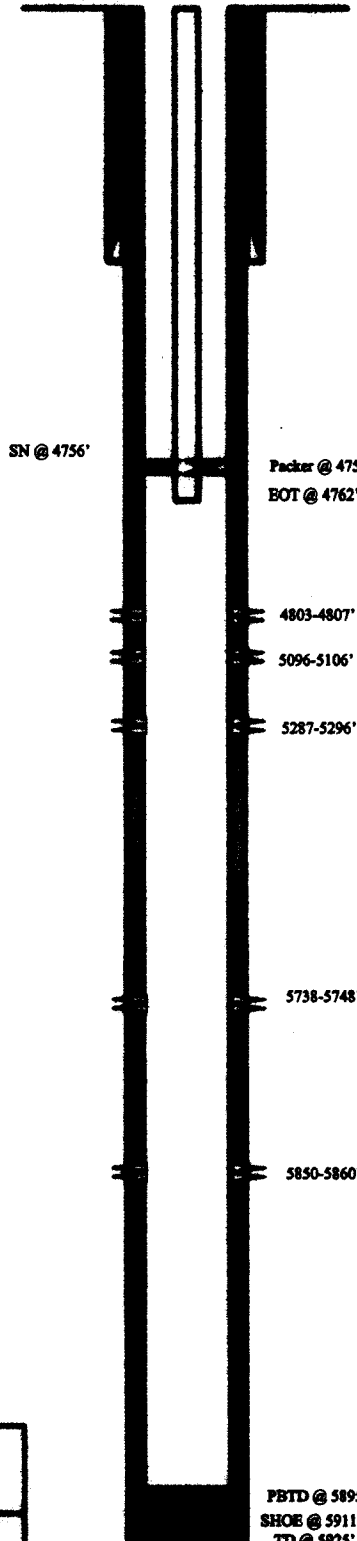
NO. OF JOINTS: 146 jts (4744.40')

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

SN LANDED AT: 4756.40' KB

TOTAL STRING LENGTH: BOT @ 4761.70' KB

Injection Wellbore Diagram



Initial Production: 12 BOPD,
102 MCFD, 2 BWPD

FRAC JOB

2-1-05 5850-5860' Frac CP5 sand as follows:
35697#s 20/40 sand in 362 bbls Lightning
17 frac fluid. Treated @ avg press of 1976 psi
w/avg rate of 24.8 BPM. ISIP 3200 Calc
Flush: 5848 gal. Actual Flush 5880 gals.

2-1-05 5738-5748' Frac CP4 sand as follows:
38551#s 20/40 sand in 389 bbls Lightning
17 frac fluid. Treated @ avg press of 2040 psi
w/avg rate of 24.9 BPM. ISIP 2080 Calc
flush: 5734 gal. Actual flush: 5754 gal.

2-1-05 5287-5296' Frac LODC sand as follows:
14124#s 20/40 sand in 225 bbls Lightning
17 frac fluid. Treated @ avg press of 3142 psi
w/avg rate of 23.2 BPM. ISIP 3320 psi. Calc
flush: 5285 gal. Actual flush: 5325 gal.

2-2-05 5096-5106' Frac LODC sand as follows:
24407#s 20/40 sand in 283 bbls Lightning
17 frac fluid. Treated @ avg press of 2022 psi
w/avg rate of ? BPM. ISIP 2240 psi. Calc
flush: 5094 gal. Actual flush: 5094 gal.

2-2-05 4803-4807' Frac B1 sand as follows:
15788#s 20/40 sand in 215 bbls Lightning
17 frac fluid. Treated @ avg press of 2250 psi
w/avg rate of 14.4 BPM. ISIP 2375. Calc
flush: 4801 gal. Actual flush: 4716 gal

5/8/06 Well converted to an Injection well.

5/23/06 MIT completed and submitted.

PERFORATION RECORD

2-1-05	5850-5860'	4 JSPF	40 holes
2-1-05	5738-5748'	4 JSPF	40 holes
2-1-05	5287-5296'	4 JSPF	36 holes
2-2-05	5096-5106'	4 JSPF	40 holes
2-2-05	4803-4807'	4 JSPF	16 holes

NEWFIELD

Ashley Federal 7-23-9-15
1849' FNL & 2072' FEL
SW/NE Section 23-T9S-R15E
Duchene Co, Utah
API #43-013-32481; Lease #UTU-66185

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

Ashley Federal 8-23-9-15

Spud Date: 5/30/06
Put on Production: 7/6/06
OL: 6284' KB: 6296'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.39')
DEPTH LANDED: 322.39 KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sac Class "G" cement, set 5 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts (5982.06')
DEPTH LANDED: 5980.06' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sac Procon Lite II mixed & 400 sac 50/50 POZ
CEMENT TOP AT: 590'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 136 jts (4289.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4301.9' KB
ON/OFF TOOL AT: 4303'
ARROW #1 PACKER CE AT: 4309'
XO 2-3/8" x 2-7/8" J-55 AT: 4312'
TBG PUP 2-3/8" J-55 AT: 4312.6'
X/N NIPPLE AT: 4316.7'
TOTAL STRING LENGTH BOT @ 4318.23'

FRAC-JOB

6/28/06 5662'-5672' Frac CP9 sands as follows:
29,939# 20/40 sand in 367 bbls Lightning
Frac 17 fluid Treated @ avg press of 1718 psi
w/avg rate of 25.2 BPM ISIP 1720 psi Calc
flush: 5660 gal Actual flush: 5124 gal

6/28/06 5189'-5249' Frac LODC sands as follows:
49,873# 20/40 sand in 503 bbls Lightning
Frac 17 fluid Treated @ avg press of 2485 psi
w/avg rate of 26.1 BPM ISIP 2370 psi Calc
flush: 5187 gal Actual flush: 4662 gal

6/28/06 4604'-4666' Frac D182 sands as follows:
75,344# 20/40 sand in 565 bbls Lightning
Frac 17 fluid Treated @ avg press of 1824 psi
w/avg rate of 25.4 BPM ISIP 2110 psi Calc
flush: 4602 gal Actual flush: 4116 gal

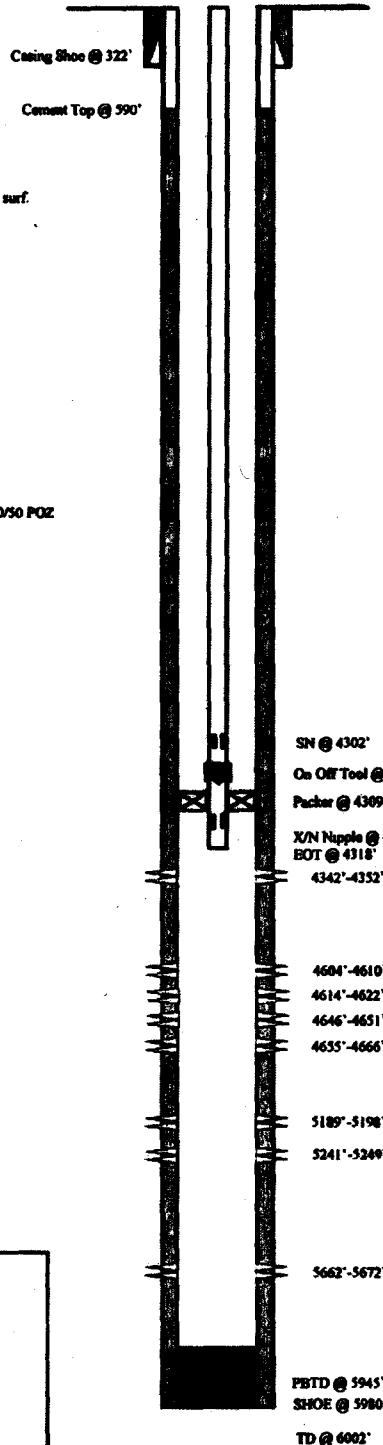
6/28/06 4342'-4352' Frac PB10 sands as follows:
22,469# 20/40 sand in 324 bbls Lightning
Frac 17 fluid Treated @ avg press of 1614 psi
w/avg rate of 14.5 BPM ISIP 1915 psi Calc
flush: 4340 gal Actual flush: 4242 gal

09/01/06 Pump Change Rod & Tubing detail updated
11/20/06 Pump Change. Updated rod & tubing details
1/21/10 Pump Change. Updated rod and tubing
detail

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

PERFORATION RECORD

6/23/06	5662'-5672'	4 JSFP	40 holes
6/28/06	5241'-5249'	4 JSFP	32 holes
6/28/06	5189'-5198'	4 JSFP	36 holes
6/28/06	4655'-4666'	4 JSFP	44 holes
6/28/06	4646'-4651'	4 JSFP	20 holes
6/28/06	4614'-4622'	4 JSFP	32 holes
6/28/06	4604'-4610'	4 JSFP	24 holes
6/28/06	4342'-4352'	4 JSFP	40 holes



NEWFIELD

Ashley Federal 8-23-9-15
1970 FNL & 665 FEL
SE/NE Sec. 23, T9S R15E
Duchesne County, UT
API# 43-013-32828; Lease# UTU-02458

Ashley Federal 10-14-9-15

Spud Date: 10/19/04
Put on Production: 12/21/04
GL: 6216' KB: 6228'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (327.97')

DEPTH LANDED: 337.97' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 150sacs Class "G" mixed cement, set 3 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 142 jts (6055.21')

DEPTH LANDED: 6053.21' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 285 sacs Prem. Lite II mixed & 400 sacs 50/50 POZ max

CEMENT TOP AT: 140'

TUBING

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

NO OF JOINTS: 125 jts (4041')

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

SN LANDED AT: 4053' KB

ON/OFF TOOL AT: 4054.1'

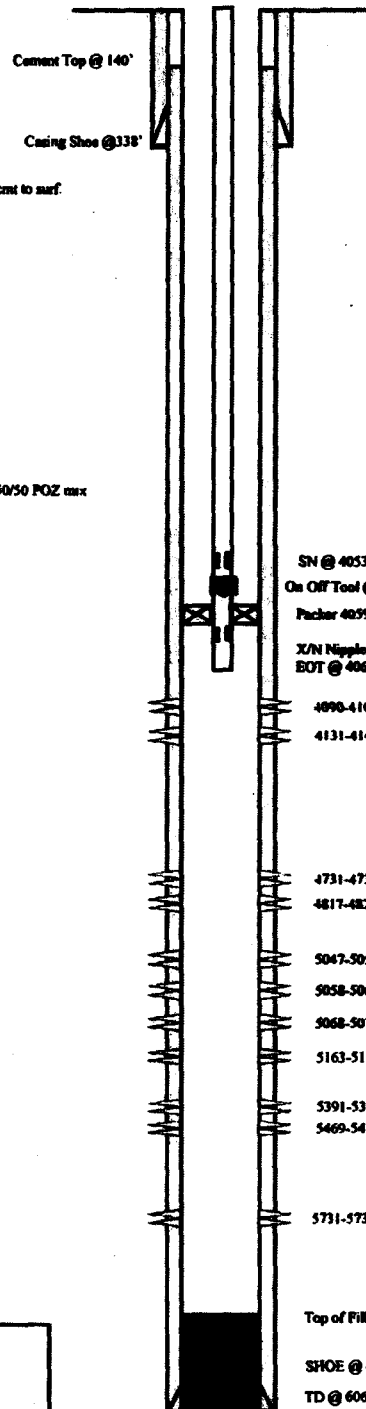
ARROW #1 PACKER CE AT: 4059.31'

XO 2-3/8 x 2-7/8 J-55 AT: 4063'

TBG PUP 2-3/8 J-55 AT: 4063.6'

X/N NIPPLE AT: 4067.7'

TOTAL STRING LENGTH: BOT @ 4069'

FRAC JOB

12/13/04 5391-5477' Frac LODC sands as follows:
28,747# 20/40 sand in 214 bbls Lightning
Frac 17 fluid Treated @ avg press of 3106 psi
w/avg rate of 24.4 BPM Screened out

12/15/04 5163-5173' Frac LODC sands as follows:
13,964# 20/40 sand in 216 bbls Lightning
Frac 17 fluid Treated @ avg press of 1991 psi
w/avg rate of 14.1 BPM ISIP 2125 psi Calc
flush: 5161 gal Actual flush 5166 gal

12/15/04 4731-4824' Frac C and D3 sands as follows:
29,037# 20/40 sand in 301 bbls Lightning
Frac 17 fluid Treated @ avg press of 2279 psi
w/avg rate of 24.6 BPM ISIP 1960 psi Calc
flush: 4729 gal Actual flush 4746 gal

12/16/04 4090-4146' Frac GB2 and GB4 sands as follows:
84,549# 20/40 sand in 634 bbls Lightning
Frac 17 fluid Treated @ avg press of 1700 psi
w/avg rate of 24.6 BPM ISIP 1930 psi Calc
flush: 4088 gal Actual flush 4003 gal

07/12/08 Stock pump, Rod & tubing detail updated
6/17/09 Tubing Leak. Updated r & t details
08/18/10 Change polish rod. Rod & tubing updated

12/06/2010 5731-5738' Frac CP3 sands as follows: Frac 9507#
of 20/40 sand in 98 bbls Lightning 17

12/06/2010 5047-5070' Frac A1 sands as follows: Frac 48756#
of 20/40 sand in 273 bbls Lightning 17

12/09/10 Re-Completion Fluidized - updated tbg and
rod detail
Convert to Injection Well
Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
12/9/04	5469'-5477'	4 JSPP	32 holes
12/9/04	5391'-5398'	4 JSPP	28 holes
12/15/04	5163'-5173'	4 JSPP	40 holes
12/15/04	4817'-4824'	4 JSPP	28 holes
12/15/04	4731'-4736'	4 JSPP	20 holes
12/15/04	4131'-4146'	4 JSPP	60 holes
12/15/04	4090'-4102'	4 JSPP	48 holes
12/06/10	5731-5738'	3 JSPP	21 holes
12/06/10	5047-5051'	3 JSPP	12 holes
12/06/10	5058-5060'	3 JSPP	6 holes
12/06/10	5068-5070'	3 JSPP	6 holes

NEWFIELD

Ashley Federal 10-14-9-15
1824' FSL & 1864' FEL
NW/SE Section 14-T9S-R15E
Duchesne Co, Utah
API #43-013-32401; Lease #UTU-66184

Spud Date: 9/2/05
 Put on Production: 10/3/05
 GL: 6290' KB: 6302'

Ashley Federal 14-14-9-15

Initial Production: 18 BOPD,
 118 MCFD, 19 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 ju (302.97')
 DEPTH LANDED: 312.97' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 ms Class "G" cement, set 3 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 ju (6024.43')
 DEPTH LANDED: 6022.43' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 ms Press. Lin II & 450 ms 50/50 POZ.
 CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 127 ju (4065')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4077' KB
 ON/OFF TOOL AT: 4078.1'
 ARROW #1 PACKER CE AT: 4084'
 XO 2-3/8 x 2-7/8 J-55 AT: 4086.9'
 TBO PUP 2-3/8 J-55 AT: 4087.4'
 X/N NIPPLE AT: 4091.5'
 TOTAL STRING LENGTH: BOT @ 4093.11'

FRAC JOB

9/29/05 5596-5616' Frac CFI sand as follows:
 90,716# 20/40 sand in 683 bbls Lightning
 17 frac fluid Treated @ avg press of 1395 psi
 w/avg rate of 24.9 BPM. ESIP 1680 Calc
 Flush: 5594 gal Actual Flush: 5586 gals

9/29/05 5041-5067' Frac A1&3 sand as follows:
 49,864# 20/40 sand in 425 bbls Lightning
 17 frac fluid Treated @ avg press of 2422 psi
 w/avg rate of 24.7 BPM. ESIP 2800 Calc
 Flush: 5039 gal Actual flush: 5040 gal

9/29/05 4795-4822' Frac C sand as follows:
 80,142# 20/40 sand in 596 bbls Lightning
 17 frac fluid Treated @ avg press of 1839 psi
 w/avg rate of 24.8 BPM. ESIP 2140 psi Calc
 Flush: 4793 gal Actual flush: 4830 gal

9/29/05 4663-4708' Frac D1&2 sand as follows:
 60,072# 20/40 sand in 472 bbls Lightning
 17 frac fluid Treated @ avg press of 1814 psi
 w/avg rate of 24.7 BPM. ESIP 2000 psi Calc
 Flush: 4661 gal Actual flush: 4662 gal

9/29/05 4410-4420' Frac FB10 sand as follows:
 30,241# 20/40 sand in 300 bbls Lightning
 17 frac fluid Treated @ avg press of 1998 psi
 w/avg rate of 14.4 BPM. ESIP 2620 psi Calc
 Flush: 4408 gal Actual flush: 4452 gal

9/29/05 4138-4167' Frac G1&6 sand as follows:
 46,394# 20/40 sand in 377 bbls Lightning
 17 frac fluid Treated @ avg press of 1690 psi
 w/avg rate of 24.9 BPM. ESIP 2030 psi Calc
 Flush: 4136 gal Actual flush: 4032 gal

Tubing Leak. Update rod and tubing details
 Parted rods. Update rod and tubing details
 Convert to Injection Well
 Conversion MITT Finalized - update itg

SN @ 4077' 1/8/06
 On Off Tool @ 4078' 10/06/06
 Packer @ 4084' 05/02/13
 X/N Nipple @ 4091' detail
 BOT @ 4093'

4138-4145'
 4162-4167'

4410-4420'

4663-4670'

4694-4708'

4795-4804'

4814-4822'

5041-5050'

5063-5067'

5596-5616'

FBTD @ 5977'
 SHOE @ 6022'
 TD @ 6035'

PERFORATION RECORD

9/23/05	5596-5616'	4 JSPP	80 holes
9/29/05	5063-5067'	4 JSPP	16 holes
9/29/05	5041-5050'	4 JSPP	36 holes
9/29/05	4814-4822'	4 JSPP	32 holes
9/29/05	4795-4804'	4 JSPP	36 holes
9/29/05	4694-4708'	4 JSPP	56 holes
9/29/05	4663-4670'	4 JSPP	28 holes
9/29/05	4410-4420'	4 JSPP	40 holes
9/29/05	4162-4167'	4 JSPP	20 holes
9/29/05	4138-4145'	4 JSPP	28 holes

NEWFIELD

Ashley Federal 14-14-9-15
 483' FSL & 1990' FWL
 SE/SW Section 14-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32670; Lease #UTU-68548

ASHLEY FEDERAL 15-14-9-15

Spud Date: 10/20/04
 Put on Production: 12/28/04
 GL: 6227' KB: 6239'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (293.95')

DEPTH LANDED: 303.95' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 150sxx Class "G" mixed cement, set 2 bbls cement to surf.

Cement Top @ 240'

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (6017.02')

DEPTH LANDED: 6015.02' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 285 sxx Prem. Lite II mixed & 400 sxx 50/50 POZ mix.

CEMENT TOP AT: 240'

TUBING

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

NO. OF JOINTS: 125 jts (4060.69')

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

SN LANDED AT: 4072.69' KB

TOTAL STRING LENGTH: BOT @ 4081.29' w/ 12' KB

Packer @ 4077

BOT @ 4081'

4101-4120'

4164-4173'

5/18/06

6/22/06

4609-4616'

4765-4775'

4781-4791'

4915-4923'

5241-5250'

Top of FHL & PBTD @ 5970'

SHOB @ 6015'

TD @ 6025'

FRAC JOB

12/20/04 5241-5250'

Frac LODC sands as follows:

15,424# 20/40 sand in 240 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 2500 psi
 w/avg rate of 24.5 BPM. ISIP 2280. Calc
 flush 5239 gal. Actual flush: 5208 gal.

12/20/04 4915-4923'

Frac B2 sands as follows:

19,181# 20/40 sand in 257 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 2079 psi
 w/avg rate of 14.3 BPM. ISIP 3300 psi. Calc
 flush: 4913 gal. Actual flush: 4956 gal.

12/21/04 4765-4791'

Frac C sands as follows:

47,965# 20/40 sand in 494 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1750 psi
 w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc
 flush: 4763 gal. Actual flush: 4805 gal.

12/21/04 4609-4616'

Frac D1 sands as follows:

14,292# 20/40 sand in 213 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 2403 psi
 w/avg rate of 14.3 BPM. ISIP 2000 psi. Calc
 flush: 4607 gal. Actual flush: 4603 gal.

12/21/04 4101-4173'

Frac GB4 & 6 sands as follows:

121,791# 20/40 sand in 838 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1769 psi
 w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc
 flush: 4099 gal. Actual flush: 4015 gal.

Well converted to an injection well.

MIT completed and submitted.

PERFORATION RECORD

12/17/04	5241-5250'	4 JSFF	36 holes
12/20/04	4915-4923'	4 JSFF	32 holes
12/21/04	4781-4791'	4 JSFF	40 holes
12/21/04	4765-4775'	4 JSFF	40 holes
12/21/04	4609-4616'	4 JSFF	28 holes
12/21/04	4164-4173'	4 JSFF	36 holes
12/21/04	4101-4120'	4 JSFF	76 holes

NEWFIELD

Ashley Federal 15-14-9-15

664' FSL & 1984' FEL

SW/SE Section 14-T9S-R15E

Duchesne Co, Utah

API #43-473-013-32469; Lease #UTU-68548

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

CD 6/22/06

Ashley Federal 16-14-9-15

Spud Date: 6-28-05
Put on Production: 9-22-05

GL: 6273' KB: 6285'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.22')
DEPTH LANDED: 313.07' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cement, est 5 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 9-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6082.17')
DEPTH LANDED: 6081.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.
CEMENT TOP AT: 130'

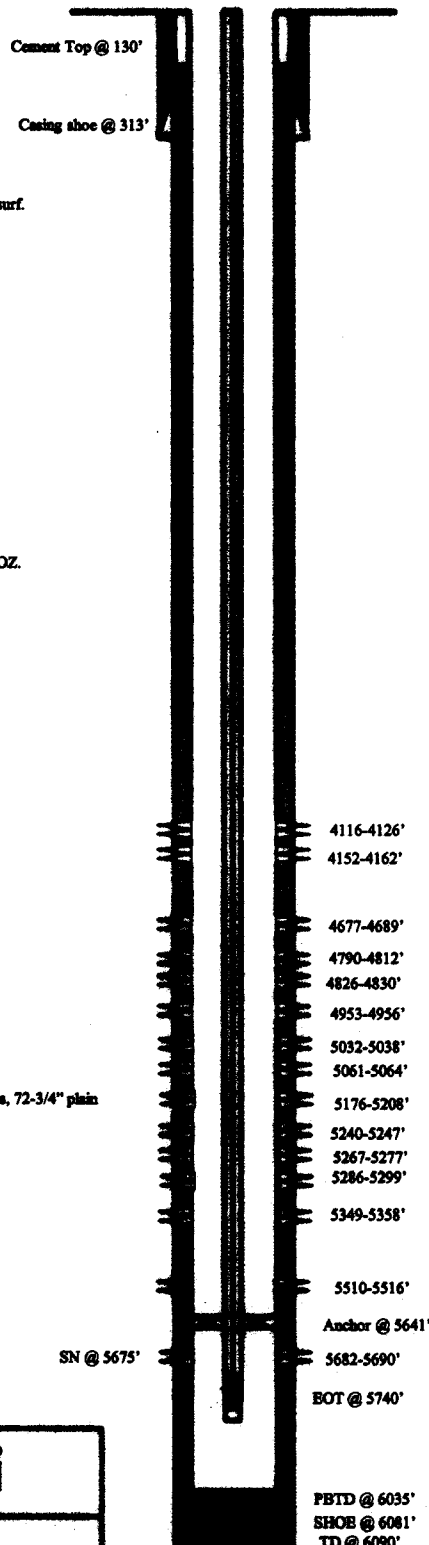
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5641.4')
TUBING ANCHOR: 5641.4' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5675.6'
NO. OF JOINTS: 2 jts (62.6')
TOTAL STRING LENGTH: BOT @ 5740' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-2" x 1/4" pony rods 94- 3/4" scraped rods, 72-3/4" plain rods, 55-3/4" scraped rods, 6-1 1/2" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18" RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

Wellbore Diagram



Initial Production: 100 BOPD,
38 MCFD, 131 BWPD

FRAC JOB

9-13-05 5510-5690' Frac CP1 & CP2 sand as follows:
29851#s 20/40 sand in 334 bbls Lightning
17 frac fluid. Treated @ avg press of 1487 psi
w/avg rate of 23.5 BPM. ISIP 1800 psi. Calc
flush: 5508 gal. Actual flush: 5540 gal.

9-14-05 5176-5358' Frac LODC sand as follows:
25244#s 20/40 sand in 1653 bbls Lightning
17 frac fluid. Treated @ avg press of 1897 psi
w/avg rate of 41.3 BPM. ISIP 2200 psi. Calc
flush: 5174 gal. Actual flush: 5208 gal.

9-14-05 5032-5064' Frac A1 & A3, sand as follows:
28994#s 20/40 sand in 308 bbls Lightning
17 frac fluid. Treated @ avg press of 1846 psi
w/avg rate of 23 BPM. ISIP 1720 psi. Calc
flush: 5030 gal. Actual flush: 4998 gal.

9-14-05 4790-4830' Frac C sand as follows:
74183#s 20/40 sand in 570 bbls Lightning
17 frac fluid. Treated @ avg press of 1487 psi
w/avg rate of 23 BPM. ISIP 2000 psi. Calc
flush: 4788 gal. Actual flush: 4830 gal.

9-14-05 4677-4689' Frac D1 sand as follows:
57905#s 20/40 sand in 468 bbls Lightning
17 frac fluid. Treated @ avg press of 1760 psi
w/avg rate of 23 BPM. ISIP 2300 psi. Calc
flush: 4643 gal. Actual flush: 4662 gal.

9-14-05 4116-4162' Frac GB4 & GB6 sand as follows:
46647#s 20/40 sand in 443 bbls Lightning
17 frac fluid. Treated @ avg press of 1641 psi
w/avg rate of 23 BPM. ISIP 2100 psi. Calc
flush: 4114 gal. Actual flush: 4032 gal.

02-09-2007
7/25/08
11/19/08
2/4/2011

Pump Change: Updated rod and tubing detail.
Pump Change: Updated rod & tubing details.
Tubing Leak: Updated rod & tubing details.
Pump change: Update rod and tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
9-1-05	5510-5516'	4 JSPF	24 holes
9-1-05	5682-5690'	4 JSPF	32 holes
9-13-05	5176-5208'	4 JSPF	128 holes
9-13-05	5240-5247'	4 JSPF	28 holes
9-13-05	5267-5277'	4 JSPF	40 holes
9-13-05	5286-5299'	4 JSPF	52 holes
9-13-05	5349-5358'	4 JSPF	36 holes
9-14-05	5061-5064'	4 JSPF	12 holes
9-14-05	5032-5038'	4 JSPF	24 holes
9-14-05	4953-4956'	4 JSPF	12 holes
9-14-05	4826-4830'	4 JSPF	16 holes
9-14-05	4790-4812'	4 JSPF	88 holes
9-14-05	4677-4689'	4 JSPF	48 holes
9-14-05	4116-4126'	4 JSPF	40 holes
9-14-05	4152-4162'	4 JSPF	40 holes



Ashley Federal 16-14-9-15
620' FSL & 645' FEL
SE/SE Section 14-T9S-R15E
Duchess Co, Utah
API #43-013-32667; Lease #UTU-68548

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS & MINING

CB 3/10/2011

GMB 14-14T-9-15H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E

County/State: Greater Monument Butte, Duchesne County, Utah

Elevation: 5847' GL + 12' KB

API: 43-013-50242

8-5/8" Casing Shoe
311

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	311						Surface	Surface
Production	5-1/2"	17#	M-80	LTC	0	6,300	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar:
Production	4-1/2"	11.6#	P-110	LTC	6,300	10,630	7,774	8,510	4,000	3,875	0.0155	6-1/8"	to Surface
					TVD	5,828	burst & collapse values are book, no additional safety factors have been applied						

Tubing Detail

Size

Wt.

Grade

Conn.

Length

Top

Bottom

Joints

TBC DETAIL:

bullplug, 3 jts tubing, 21' cavins Desander, 2-7/8" sub, 1 jt 2-7/8" tubing, SN, 1 jt 2-7/8" tubing, TAC, and remaining 185 jts of 2-7/8" tubing. TA @ 5,806' SN @ 5,839' EOT @ 5,985'

NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs--4.625" OD)

WELLBORE FLUIDS

Lateral section fluid= +/-8.4 ppg "clean" fresh water
Uphole annulus has 10ppg mudweight prior to cementing10/14/11: Tubing Leak
178 wins 5561.4 / 1 joint 313 / Sealing Nipple 5609 2 / joint 314 / Total string length 5854
ROOS
1 x 1/2" x 26' polished rod, 1x7/8" x 2' pony rod, 1x7/8" x 4' pony rod, 1x7/8" x 6' pony rod, 1x3/4" x 8' pony rod,
casing x 7/8" x 5560' 1x7/8" x 4' pony rod, 1 on/off tool 0.7' 1 on/off tool 0.7'UPDATED ROD & TUBING INFORMATION
10/28/2011 VC

Rod Detail

Size

Grade

Count

Length

Top

Bottom

Pump and Rod Detail:

WFD MacGyver 3 pump with spring loaded cages, 2-1/2"x1-3/4" x22"x25"x25" RHBC pump x, on/off tool, 4"x7/8" guided
rod sub, 5789'x SE 4 corod, 4,4,6,5' x 7/8" pony subs, 1 1/2" x 26' polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

Proposed Frac Data	Top	Bottom	Weatherford 16 Stage Zone Select frac system								Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
OH swell packer 1	10,615	10,627	float collar, and casing shoe below this Fraxis swell packer, total installation at 10,630'. And Open Hole TMD = 10,680										
Stage 1	10,470	10,615	Dual Hydraulic: 19.551	Ball OD (in.): NA	Seat ID (in.): NA	Vol. to Seat (bbl): 212.79	Actual Vol. (bbl): NA	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	18,884 16,833	1,892
OH swell packer 2	10,458	10,470	Weatherford OH Fraxis water swell packer										
Stage 2	10,208	10,458	FracPort 2: 10,329	Ball OD (in.): 1.380	Seat ID (in.): 1.380	Vol. to Seat (bbl): 209.35	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	28,646 24,042	2,798
OH swell packer 3	10,198	10,208	Weatherford OH Fraxis water swell packer										
Stage 3	9,914	10,198	FracPort 3: 10,072	Ball OD (in.): 1.500	Seat ID (in.): 1.410	Vol. to Seat (bbl): 205.39	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	28,832 24,517	2,267
OH swell packer 4	9,944	9,956	Weatherford OH Fraxis water swell packer										
Stage 4	9,863	9,944	FracPort 4: 9,818	Ball OD (in.): 1.625	Seat ID (in.): 1.630	Vol. to Seat (bbl): 201.45	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,584 28,064	2,235
OH swell packer 5	9,851	9,863	Weatherford OH Fraxis water swell packer										
Stage 5	9,411	9,851	FracPort 5: 9,525	Ball OD (in.): 1.750	Seat ID (in.): 1.850	Vol. to Seat (bbl): 196.83	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,484 28,619	2,127
OH swell packer 6	9,399	9,411	Weatherford OH Fraxis water swell packer										
Stage 6	9,118	9,399	FracPort 6: 9,274	Ball OD (in.): 1.875	Seat ID (in.): 1.770	Vol. to Seat (bbl): 193.03	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,270 28,568	2,181
OH swell packer 7	9,106	9,118	Weatherford OH Fraxis water swell packer										
Stage 7	8,864	9,106	FracPort 7: 8,980	Ball OD (in.): 2.000	Seat ID (in.): 1.920	Vol. to Seat (bbl): 188.48	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,477 28,860	2,869
OH swell packer 8	8,852	8,864	Weatherford OH Fraxis water swell packer										
Stage 8	8,575	8,852	FracPort 8: 8,729	Ball OD (in.): 2.125	Seat ID (in.): 2.060	Vol. to Seat (bbl): 184.89	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,566 28,279	2,147
OH swell packer 9	8,563	8,575	Weatherford OH Fraxis water swell packer										
Stage 9	8,284	8,563	FracPort 9: 8,440	Ball OD (in.): 2.250	Seat ID (in.): 2.210	Vol. to Seat (bbl): 180.12	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,379 28,754	2,448
OH swell packer 10	8,272	8,284	Weatherford OH Fraxis water swell packer										
Stage 10	8,030	8,272	FracPort 10: 8,147	Ball OD (in.): 2.375	Seat ID (in.): 2.360	Vol. to Seat (bbl): 175.98	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	0 4,022	1,250
OH swell packer 11	8,018	8,030	Weatherford OH Fraxis water swell packer										
Stage 11	7,742	8,018	FracPort 11: 7,887	Ball OD (in.): 2.500	Seat ID (in.): 2.500	Vol. to Seat (bbl): 171.72	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	29,874 29,857	2,240
OH swell packer 12	7,730	7,742	Weatherford OH Fraxis water swell packer										
Stage 12	7,449	7,730	FracPort 12: 7,605	Ball OD (in.): 2.625	Seat ID (in.): 2.660	Vol. to Seat (bbl): 167.30	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,133 28,111	2,145
OH swell packer 13	7,437	7,449	Weatherford OH Fraxis water swell packer										
Stage 13	7,192	7,437	FracPort 13: 7,313	Ball OD (in.): 2.750	Seat ID (in.): 2.800	Vol. to Seat (bbl): 162.68	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,063 28,281	2,881
OH swell packer 14	7,180	7,192	Weatherford OH Fraxis water swell packer										
Stage 14	6,894	7,180	FracPort 14: 7,056	Ball OD (in.): 2.875	Seat ID (in.): 2.960	Vol. to Seat (bbl): 158.70	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	31,142 28,140	2,117
OH swell packer 15	6,882	6,894	Weatherford OH Fraxis water swell packer										
Stage 15	6,633	6,882	FracPort 15: 6,787	Ball OD (in.): 3.000	Seat ID (in.): 3.060	Vol. to Seat (bbl): 154.07	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	30,377 40,263	2,985
OH swell packer 16	6,621	6,633	Weatherford OH Fraxis water swell packer										
Stage 16	6,352	6,621	FracPort 16: 6,485	Ball OD (in.): 3.125	Seat ID (in.): 3.240	Vol. to Seat (bbl): 149.88	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):		100 mesh sand 30/50 mesh sand	52,784 61,268	3,643
OH swell packer 17	6,345	6,352	Weatherford OH Fraxis water swell packer										
ACP packer	5,427	5,432	Weatherford Annulus Casing Packer (ACP). Hydraulically set at 2,700psi										
ACP packer	5,417	5,422	Weatherford Annulus Casing Packer (ACP). Hydraulically set at 2,700psi										
Lat Length 4,263											Sand Total 100 mesh sand	478,495	
Total Stim. Lateral 4,263											30/50 mesh sand	456,545	
Avg. Stage Length 266													

*between packers

MD TD 10,630
TVD TD 5,828

43-013-51570

NEWFIELD**GMBU S-14-9-15**

Monument Butte - Duchesne County, Utah, USA

Surf Location: NE/SE - Sec 14, T9S, R15E; 1963' FSL & 882' FEL

6171' GL + 10' KB

Paul Lembecke

PFM 4/12/2013

API# 43-013-51570; Lease# UTU-66184

Spud Date: 3/24/2013; PoP Date: 04/25/2013

CASING DETAIL	Casing	Top	Bottom	Size	WT	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	323'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,128'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUBING DETAIL	Top	Bottom	Coupling	Size	WT	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5976'	BEUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5877'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5905'			
	4per Guided Rod			30'	1,980'	7/8"	Tenaris D78	1950	78				
	4per Guided Rod			1,980'	5,155'	3/4"	Tenaris D78	3175	127				
	8per Guided Rod			5,155'	5,905'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
6	0'	0'	3	-	-	Formation:	G84						
	0'	0'	3	-	-	20/40 White:	85,521 lbs	15% HCl:	1,152 gals				
	0'	0'	3	-	-	Pad:	17,880 gals	Treating Fluid:	69,519 gals				
	0'	0'	3	-	-	Flush:	3,990 gals	Load to Recover:	101,020 gals				
	0'	0'	3	-	-	ISIP=	0.886 psi/ft	Max STP:	1,872 psi				
	0'	0'	3	-	-								
	4,148'	4,160'	3	0.34	4/15/2013								
5	0'	0'	3	-	-	Formation:	C-Sand D-1						
	0'	0'	3	-	-	20/40 White:	35,683 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	1,849 gals	Treating Fluid:	10,709 gals				
	4,677'	4,678'	3	0.34	4/15/2013	Flush:	4,701 gals	Load to Recover:	17,759 gals				
	4,691'	4,692'	3	0.34	4/15/2013	ISIP=	0.875 psi/ft	Max STP:	3,912 psi				
	4,701'	4,702'	3	0.34	4/15/2013								
	4,843'	4,847'	3	0.34	4/15/2013								
4	0'	0'	3	-	-	Formation:	A1 A-Half						
	0'	0'	3	-	-	20/40 White:	25,777 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	2,259 gals	Treating Fluid:	6,152 gals				
	0'	0'	3	-	-	Flush:	5,071 gals	Load to Recover:	13,982 gals				
	0'	0'	3	-	-	ISIP=	0.986 psi/ft	Max STP:	3,340 psi				
	5,036'	5,038'	3	0.34	4/15/2013								
	5,071'	5,074'	3	0.34	4/15/2013								
3	0'	0'	3	-	-	Formation:	LODC						
	0'	0'	3	-	-	20/40 White:	241,743 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	10,757 gals	Treating Fluid:	56,638 gals				
	5,371'	5,372'	3	0.34	4/15/2013	Flush:	5,372 gals	Load to Recover:	73,267 gals				
	5,431'	5,432'	3	0.34	4/15/2013	ISIP=	0.888 psi/ft	Max STP:	3,709 psi				
	5,440'	5,441'	3	0.34	4/15/2013								
	5,478'	5,480'	3	0.34	4/15/2013								
2	0'	0'	3	-	-	Formation:	CP-Half						
	0'	0'	3	-	-	20/40 White:	14,989 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Pad:	1,940 gals	Treating Fluid:	3,671 gals				
	0'	0'	3	-	-	Flush:	5,655 gals	Load to Recover:	11,766 gals				
	0'	0'	3	-	-	ISIP=	0.760 psi/ft	Max STP:	2,911 psi				
	0'	0'	3	-	-								
	5,572'	5,576'	3	0.34	4/15/2013								
1	0'	0'	3	-	-	Formation:	CP5						
	0'	0'	3	-	-	20/40 White:	56,831 lbs	15% HCl:	750 gals				
	0'	0'	3	-	-	Pad:	2,901 gals	Treating Fluid:	13,534 gals				
	0'	0'	3	-	-	Flush:	5,812 gals	Load to Recover:	22,997 gals				
	0'	0'	3	-	-	ISIP=	0.694 psi/ft	Max STP:	3,706 psi				
	5,904'	5,906'	3	0.34	4/15/2013								
	5,914'	5,918'	3	0.34	4/15/2013								

8-5/8" shoe @ 322.98'

EOT @ 5876'; TA @ 5877'
 5-1/2" shoe @ 6128'
 PSTD @ 6070'
 TVD @ 6045'; MD 6142'
 BHST = 170°F

CEMENT	Surf	On 3/25/13 Pro Petro cemented 8 5/8" casing w/ 175 sks Class "G" + 2% KCl + 0.25# sks Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.
	Prod	On 3/28/13 Baker Hughes pumped 220 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 30 bbls to the pit.

43-013-51578

NEWFIELD**GMBU R-14-9-15**

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NE/SW Section 14, T9S, R15E; 2057' FSL & 1967' FWL

Elevation: 6213' GL + 10' KB

API Number: 43-013-51578; Lease Number: UTU-66184

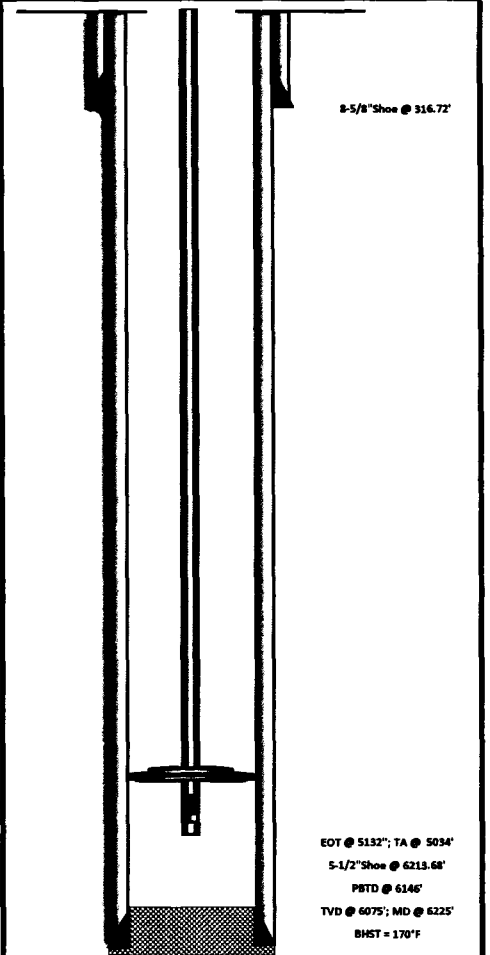
Paul Lembo

PFM 5/9/2013

Spud Date: 4/12/13

PoP Date: 5/23/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	317'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,214'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUBING DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5132'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,280	7,680	2.441"	Tubing Anchor Set @	5,034'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5063'				
	Pony Rod		30'	38'	7/8"	Tenaris D78	8	1					
	4per Guided Rod		38'	1,738'	7/8"	Tenaris D78	1700	68					
	4per Guided Rod		1,738'	4,313'	3/4"	Tenaris D78	2575	103					
	4per Guided Rod		4,313'	5,063'	7/8"	Tenaris D78	750	30					
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	2	-	-	Formation:	GB6	GB4	GB2				
	0'	0'	2	-	-	20/40 White:	128,130 lbs	15% HCl:	0 gals				
	4,069'	4,070'	2	0.34	5/13/2013	Prod:	8,484 gals	Treating Fluid:	29,524 gals				
	4,079'	4,080'	2	0.34	5/13/2013	Flush:	4,230 gals	Load to Recover:	42,238 gals				
	4,204'	4,207'	2	0.34	5/13/2013	ISIP=	0.971 psi/ft	Max STP:	2,916 psi				
	4,256'	4,258'	2	0.34	5/13/2013								
	4,265'	4,268'	2	0.34	5/13/2013								
3	0'	0'	2	-	-	Formation:	D2	D1					
	0'	0'	2	-	-	20/40 White:	101,379 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Prod:	4,574 gals	Treating Fluid:	22,972 gals				
	4,731'	4,733'	2	0.34	5/13/2013	Flush:	4,829 gals	Load to Recover:	32,875 gals				
	4,741'	4,742'	2	0.34	5/13/2013	ISIP=	0.902 psi/ft	Max STP:	3,271 psi				
	4,753'	4,754'	2	0.34	5/13/2013								
	4,794'	4,800'	2	0.34	5/13/2013								
2	0'	0'	2	-	-	Formation:	C-Sand						
	0'	0'	2	-	-	20/40 White:	25,937 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Prod:	3,855 gals	Treating Fluid:	6,000 gals				
	0'	0'	2	-	-	Flush:	5,070 gals	Load to Recover:	15,425 gals				
	0'	0'	2	-	-	ISIP=	0.833 psi/ft	Max STP:	3,105 psi				
	0'	0'	2	-	-								
	4,880'	4,886'	2	0.34	5/13/2013								
1	0'	0'	2	-	-	Formation:	B2	B1	B-Half				
	0'	0'	2	-	-	20/40 White:	85,610 lbs	15% HCl:	750 gals				
	0'	0'	2	-	-	Prod:	6,643 gals	Treating Fluid:	19,641 gals				
	0'	0'	2	-	-	Flush:	5,124 gals	Load to Recover:	32,158 gals				
	4,980'	4,982'	2	0.34	5/13/2013	ISIP=	0.800 psi/ft	Max STP:	3,319 psi				
	5,003'	5,006'	2	0.34	5/13/2013								
	5,040'	5,045'	2	0.34	5/13/2013								
CEMENT	Surf	On 4/15/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 1 bbls to the pit.											
	Prod	On 5/2/13 Baker pumped 250 sks lead @ 11 ppg w/ 3.53 yield plus 450 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 10 bbls to the pit. TOC @ 60'.											



43-013-51580

NEWFIELD**GMBU L-23-9-15**

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NE/SE Section 23, T9S, R15E; 2041' FSL & 715' FEL

Elevation: 6328' 6L + 10' KB

API Number: 43-013-51580; Lease Number: UTU-02458

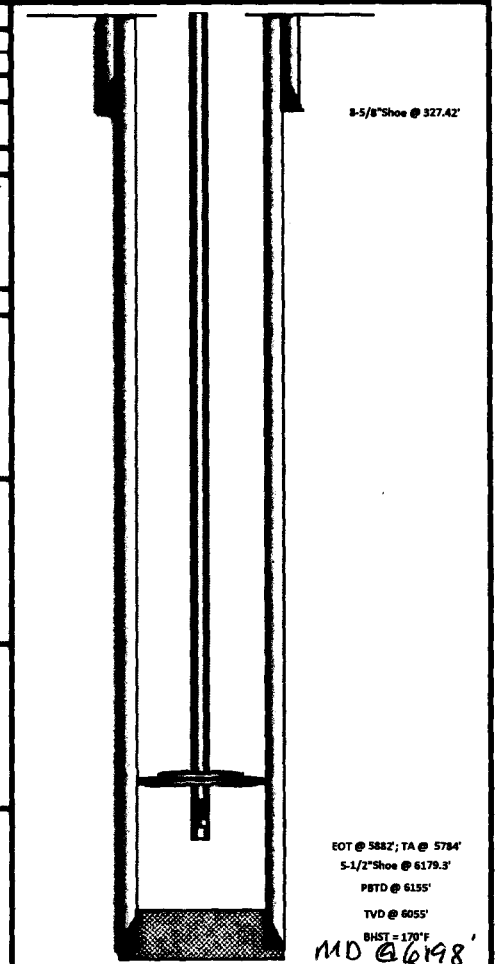
Paul Lembeck

PFM 4/22/2013

Spud Date: 3/27/2013

PoP Date: 5/10/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	327'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,179'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TUB DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,882'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,784'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,807'				
	Pony Rod		30'	32'	7/8"	C(API)	2	1					
	4per Guided Rod		32'	1,757'	7/8"	Tenaris D78	1725	69					
	4per Guided Rod		1,757'	5,057'	3/4"	Tenaris D78	3300	132					
	8per Guided Rod		5,057'	5,807'	7/8"	Tenaris D78	750	30					
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	3	-	-	Formation:	C-Sand D1						
	0'	0'	3	-	-	20/40 White:	23,664 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Prod:	752 gals	Treating Fluid:	7,016 gals				
	0'	0'	3	-	-	Flush:	4,717 gals	Load to Recover:	12,850 gals				
	4,722'	4,724'	3	0.34	5/2/2013	ISIP=	0.849 psi/ft	Max STP:	3,778 psi				
	4,861'	4,863'	3	0.34	5/2/2013								
	4,865'	4,867'	3	0.34	5/2/2013								
3	0'	0'	3	-	-	Formation:	A1						
	0'	0'	3	-	-	20/40 White:	58,989 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Prod:	945 gals	Treating Fluid:	14,329 gals				
	0'	0'	3	-	-	Flush:	5,099 gals	Load to Recover:	21,326 gals				
	5,090'	5,091'	3	0.34	5/2/2013	ISIP=	0.953 psi/ft	Max STP:	3,872 psi				
	5,095'	5,096'	3	0.34	5/2/2013								
	5,106'	5,108'	3	0.34	5/2/2013								
2	0'	0'	3	-	-	Formation:	LODC						
	5,244'	5,246'	3	0.34	5/2/2013	20/40 White:	227,186 lbs	15% HCl:	500 gals				
	5,279'	5,280'	3	0.34	5/2/2013	Prod:	1,264 gals	Treating Fluid:	52,650 gals				
	5,295'	5,296'	3	0.34	5/2/2013	Flush:	5,158 gals	Load to Recover:	59,895 gals				
	5,304'	5,305'	3	0.34	5/2/2013	ISIP=	0.935 psi/ft	Max STP:	3,330 psi				
	5,333'	5,334'	3	0.34	5/2/2013								
	5,349'	5,350'	3	0.34	5/2/2013								
1	0'	0'	3	-	-	Formation:	CP3 CP2						
	0'	0'	3	-	-	20/40 White:	22,010 lbs	15% HCl:	2,886 gals				
	0'	0'	3	-	-	Prod:	1,172 gals	Treating Fluid:	5,512 gals				
	0'	0'	3	-	-	Flush:	5,691 gals	Load to Recover:	14,089 gals				
	0'	0'	3	-	-	ISIP=	0.778 psi/ft	Max STP:	3,359 psi				
	5,748'	5,750'	3	0.34	5/1/2013								
	5,805'	5,808'	3	0.34	5/1/2013								
CEMENT	Surf	On 3/29/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit.											
	Prod	On 4/13/13 Baker pumped 210 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 10 bbls to the pit. TOC @ 44'.											



EOT @ 5882'; TA @ 5784'

5-1/2" Shoe @ 6179.3'

PBTD @ 6155'

TVD @ 6055'

BHST = 170°F

MD @ 6198'

NEWFIELD

Schematic



Well Name: GMBU M-23-9-15

43-013-52360

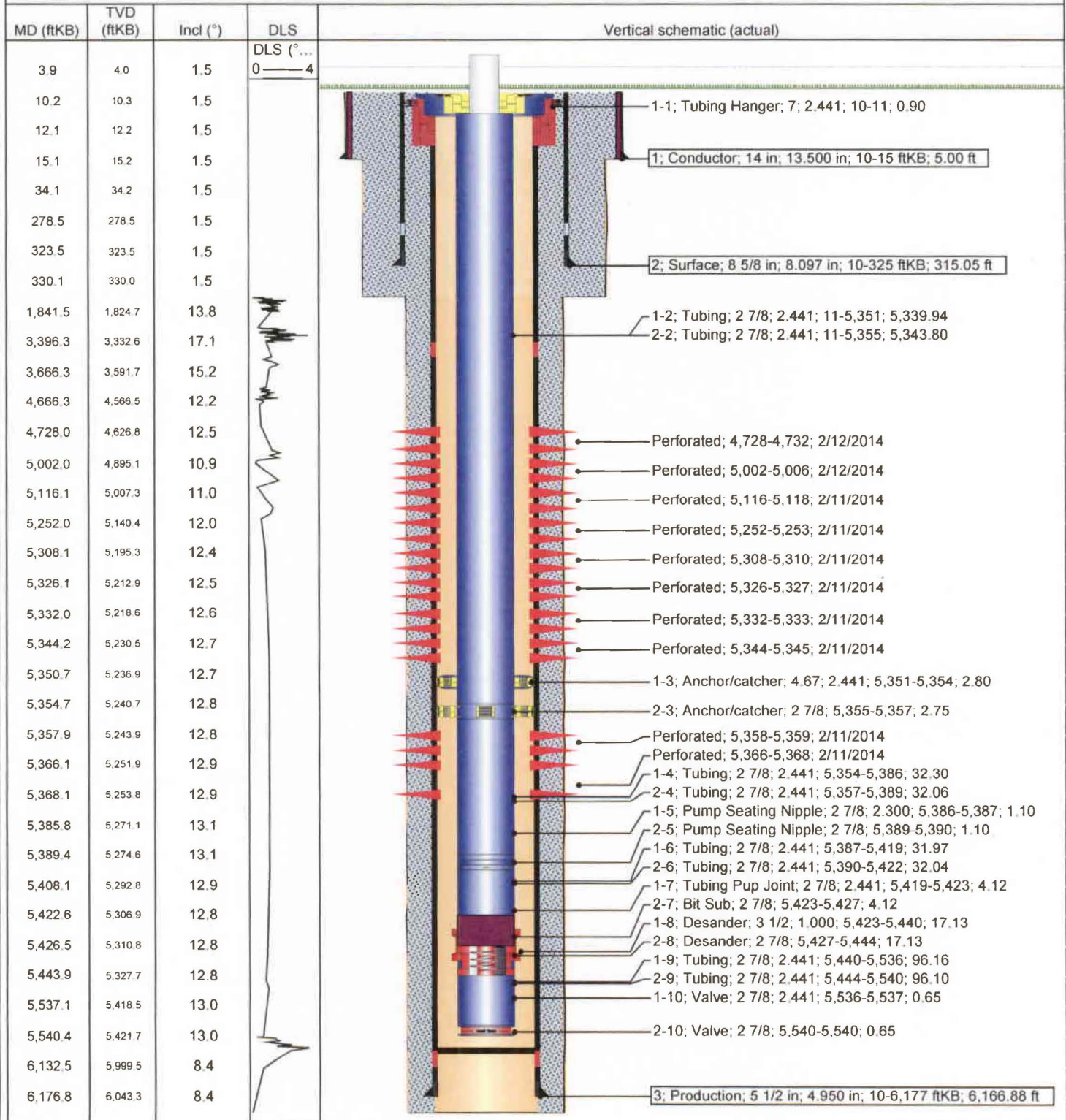
Surface Legal Location NESW 1977 FSL 1919 FWL Sec 23 T9S R15E Mer SLB			API/UWI 43013523600000	Well RC 500366924	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 1/11/2014	Rig Release Date 1/21/2014	On Production Date	Original KB Elevation (ft) 6,362	Ground Elevation (ft) 6,352	Total Depth All (TVD) (ftKB) Original Hole - 6,054.4		PBTD (All) (ftKB) Original Hole - 6,130.9	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 3/13/2014	Job End Date 3/17/2014
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TD: 6,188.0

Slant - Original Hole, 3/26/2014 2:02:04 PM



Well Name: GMBU V-14-9-15

43-D13-52380

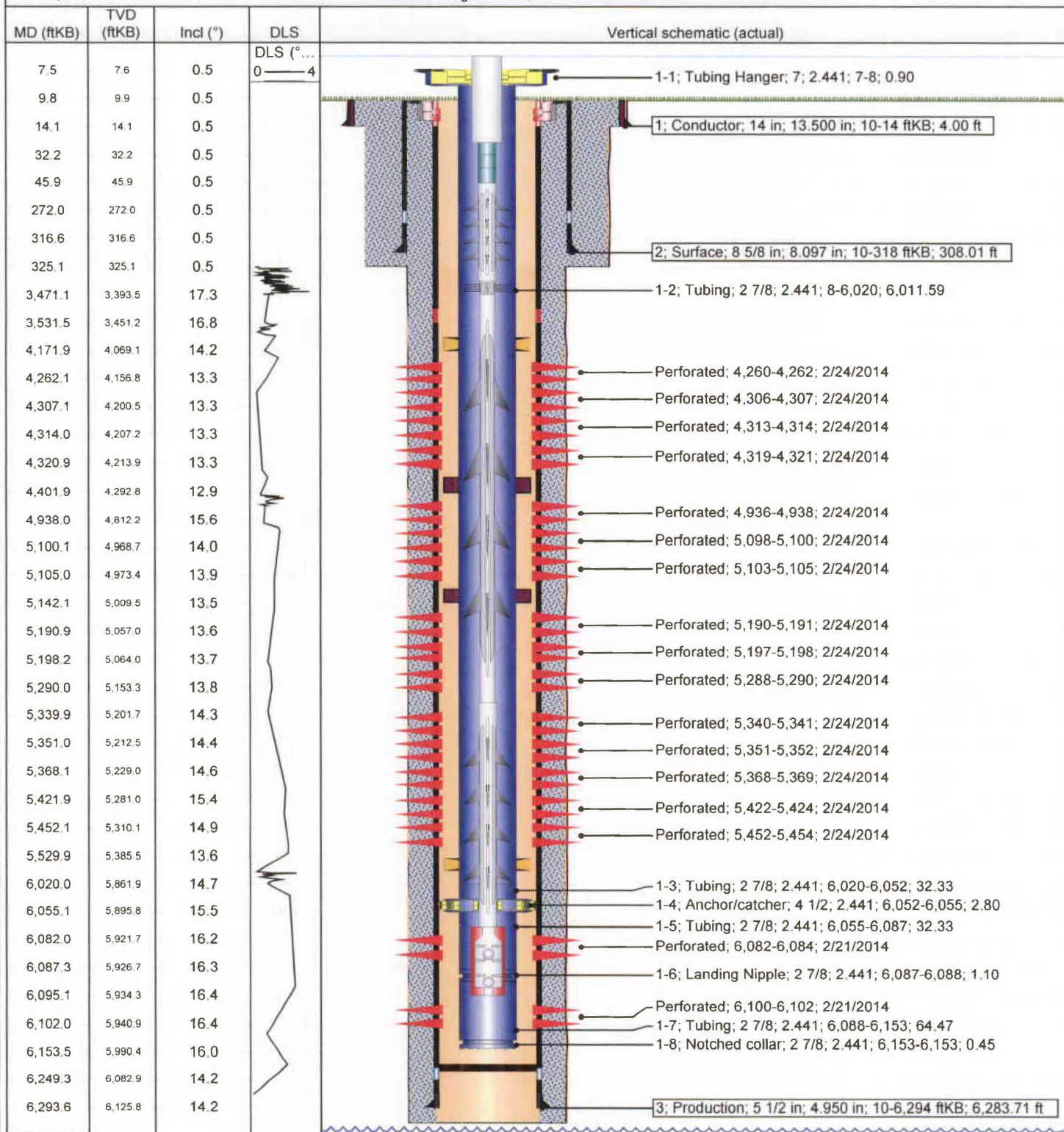
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NWNE 731 FNL 1959 FEL Sec 23 T9S R15E Mer SLB		43013523800000	500346555	UTU66185	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,247.5
1/20/2014	2/5/2014		6,310	6,300			

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/21/2014	2/27/2014

TD: 6,297.0

Slant - Original Hole, 4/21/2014 8:04:21 AM



NEWFIELD

Schematic

Well Name: GMBU W-14-9-15

43-013-52381

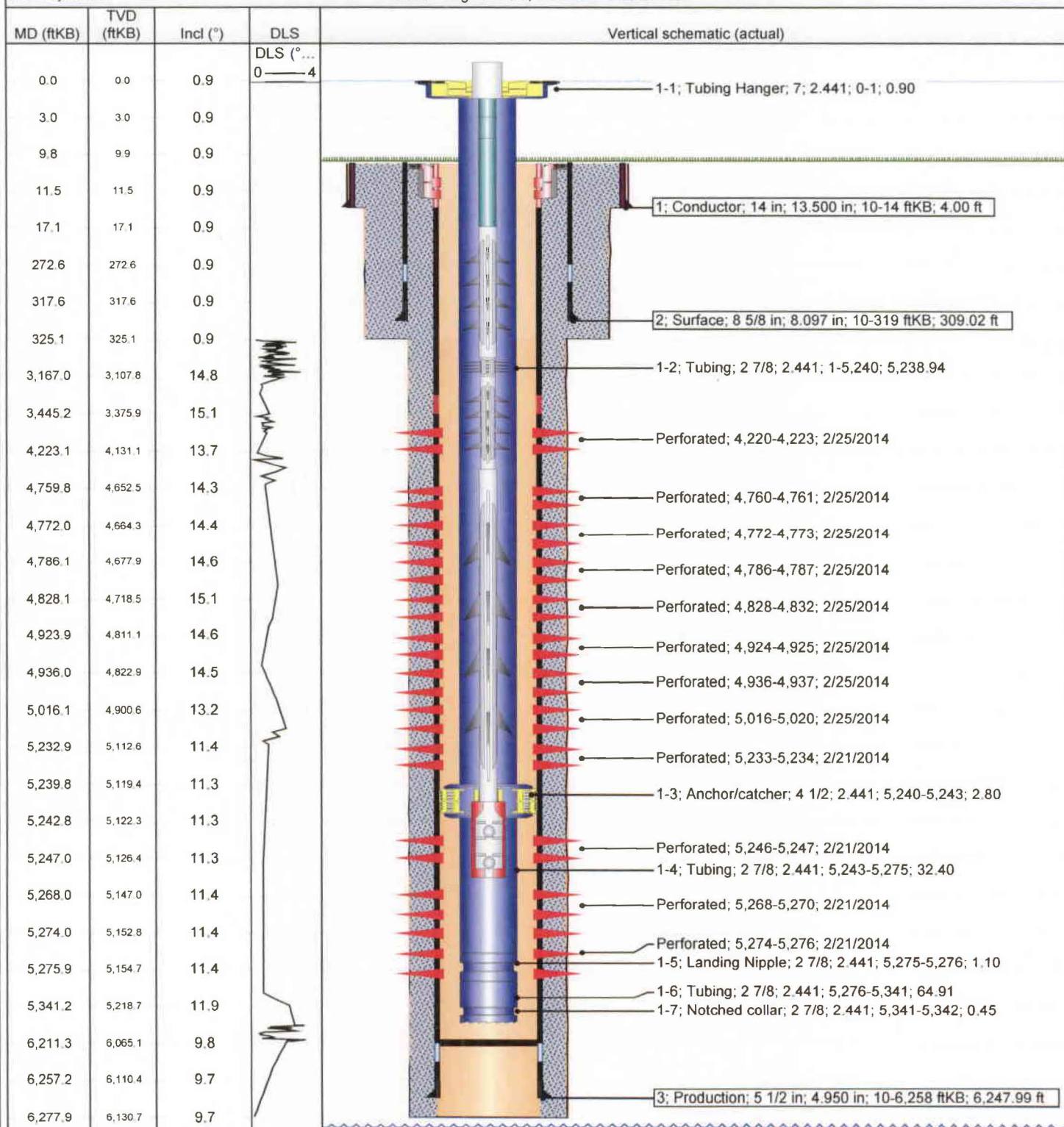
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NWNE 709 FNL 1962 FEL Sec 23 T9S R15E Mer SLB		43013523810000	500348329	UTU66185	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,211.3
1/21/2014	2/8/2014		6,310	6,300	Original Hole - 6,130.8		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/21/2014	3/4/2014

TD: 6,278.0

Slant - Original Hole, 4/21/2014 8:03:27 AM



NEWFIELD

Schematic

43-013-52410

Well Name: GMBU X-14-9-15

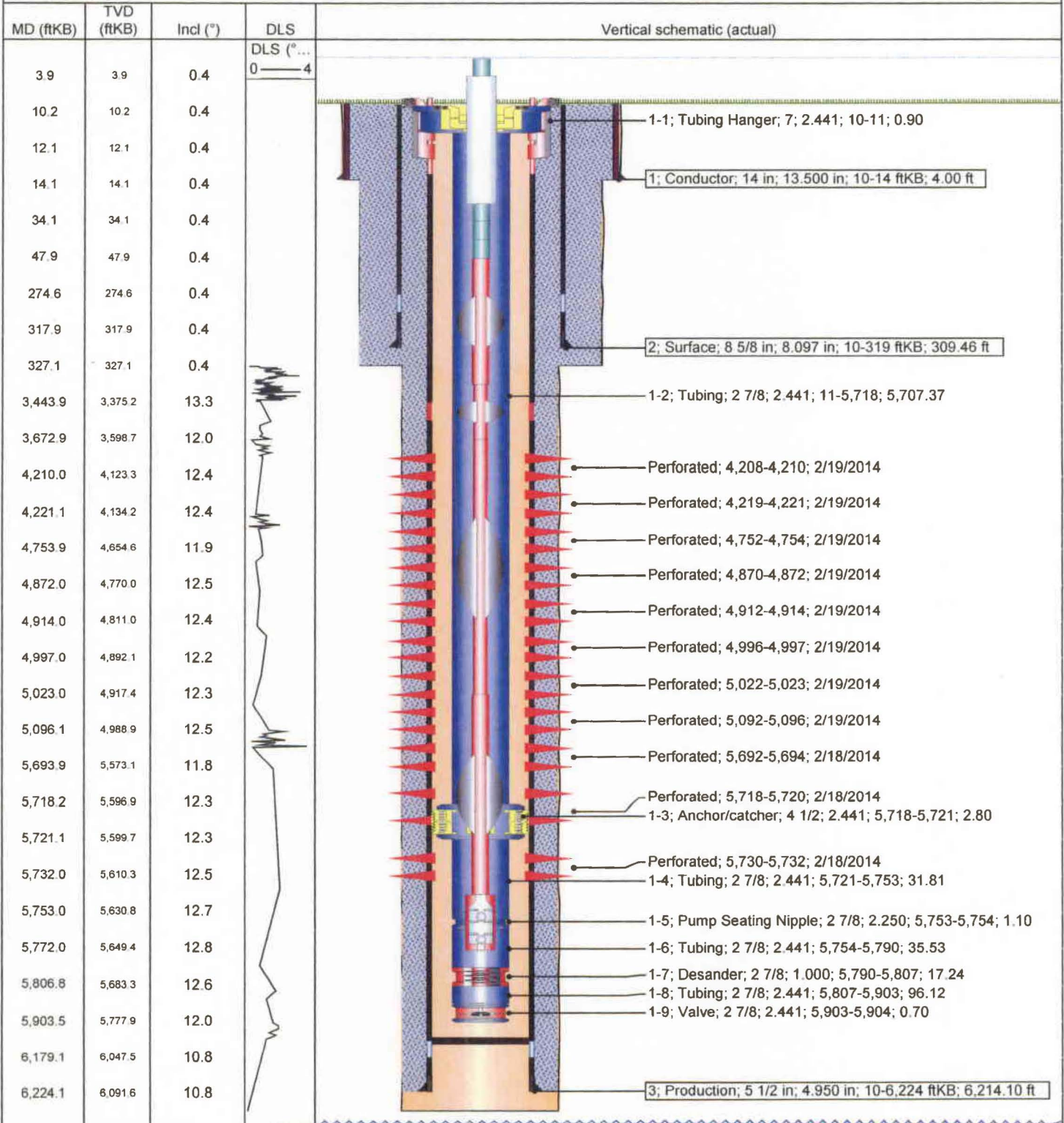
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
NENW 666 FNL 2006 FWL Sec 23 T9S R15E Mer SLB	43013524100000	500348341	UTU68548	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PSTD (All) (ftKB)
1/16/2014	1/28/2014	2/25/2014	6,312	6,302	Original Hole - 6,095.5	Original Hole - 6,177.4

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/18/2014	2/25/2014

TD: 6,228.0

Slant - Original Hole, 4/21/2014 7:59:39 AM



Well Name: GMBU H-23-9-15

43-013-52412

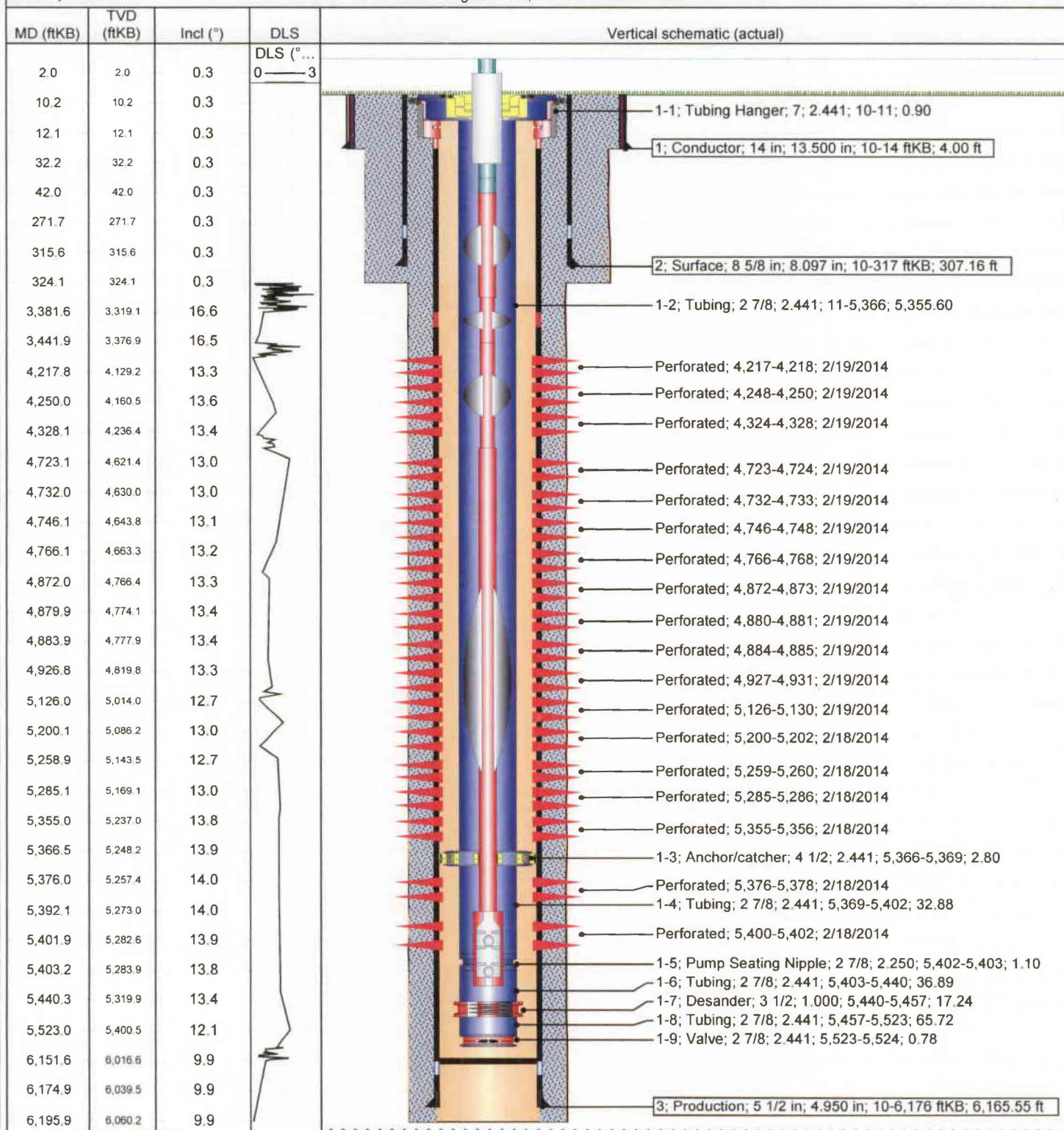
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NENW 667 FNL 2027 FWL Sec 23 T9S R15E Mer SLB		43013524120000	500348335	UTU68548	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,151.6
1/28/2014	1/31/2014		6,312	6,302	Original Hole - 6,060.3		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/18/2014	3/3/2014

TD: 6,196.0

Slant - Original Hole, 4/21/2014 8:02:24 AM



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

Water Analysis ReportProduction Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53130**Well Name: **Ashley IF**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen****Sample Specifics**

Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

Conclusions:

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

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

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

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Notes:

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1553 East Highway 40

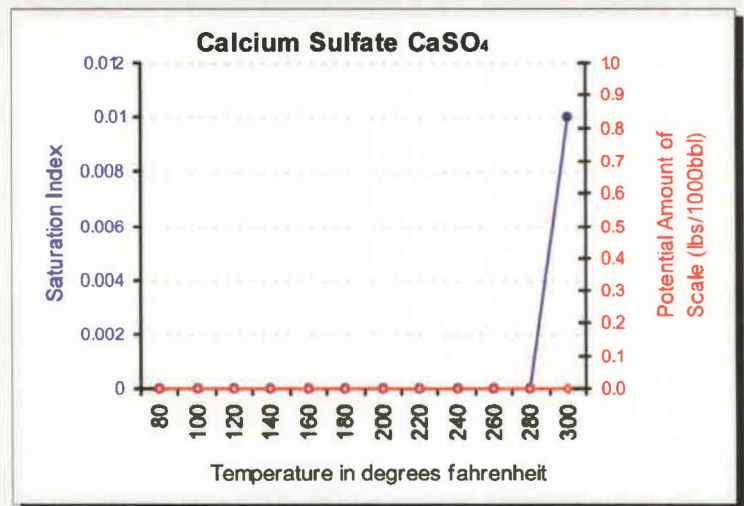
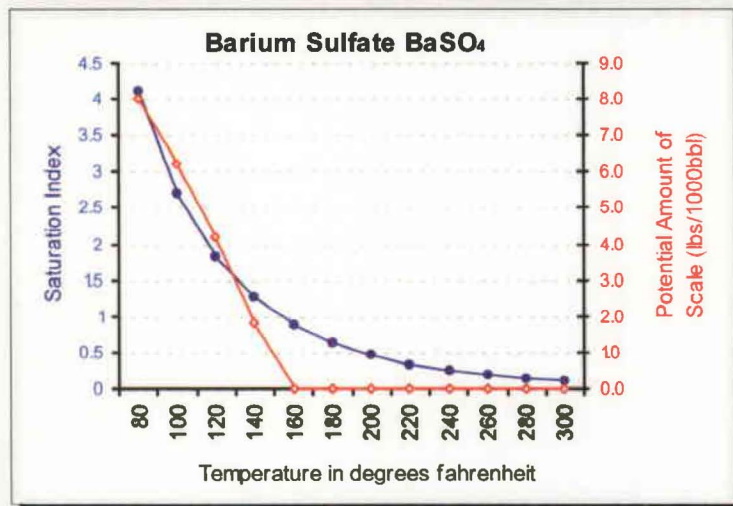
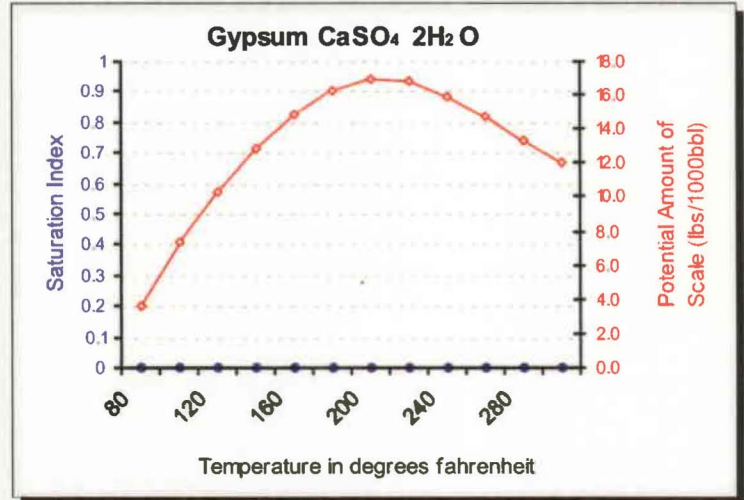
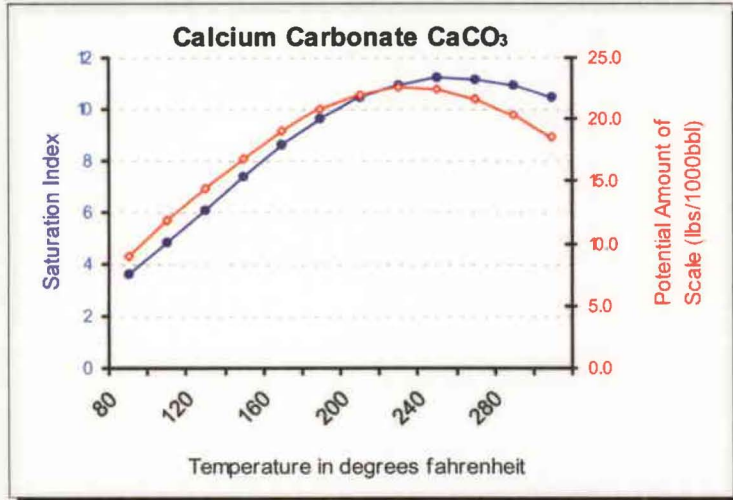
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Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**



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Vernal, UT 84078

Water Analysis ReportProduction Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-58676**Well Name: **Ashley Federal 2-23-9-15**Sample Point: **Treater**Sample Date: **5 /16/2011**Sales Rep: **Darren Betts**Lab Tech: **John Keel****Sample Specifics**

Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0150
pH:	8.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	16941
Molar Conductivity (µS/cm):	25669
Resitivity (Mohm):	0.3896

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	37.00	Chloride (Cl):	9000.00
Magnesium (Mg):	14.40	Sulfate (SO ₄):	11.00
Barium (Ba):	27.00	Dissolved CO ₂ :	-
Strontium (Sr):	-	Bicarbonate (HCO ₃):	1586.00
Sodium (Na):	6265.00	Carbonate (CO ₃):	-
Potassium (K):	-	H ₂ S:	0.50
Iron (Fe):	0.20	Phosphate (PO ₄):	-
Manganese (Mn):	0.18	Silica (SiO ₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO ₃):	-
Ammonia NH ₃ :	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions**Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl**

Temp °F	Gauge Press. psi	Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
70		4.68	22.09	0.00	-2793.00	0.00	-3216.90	-	-	14.99	20.73	0.43
80	0	5.60	25.78	0.00	-2821.90	0.00	-3172.10	-	-	11.88	19.94	0.15
100	0	7.52	32.23	0.00	-2848.60	0.00	-2990.20	-	-	7.97	18.29	0.20
120	0	9.38	37.22	0.00	-2649.20	0.00	-2718.40	-	-	5.68	16.52	0.23
140	0	11.12	40.94	0.00	-2447.70	0.00	-2395.40	-	-	4.11	14.49	0.26
160	0	12.49	43.02	0.00	-2281.40	0.00	-2054.80	-	-	3.01	12.18	0.31
180	0	13.31	43.27	0.00	-2143.90	0.00	-1722.10	-	-	2.24	9.56	0.35
200	0	13.50	41.84	0.00	-2030.40	0.00	-1414.40	-	-	1.68	6.59	0.36
220	2.51	12.97	39.25	0.00	-1961.60	0.00	-1155.60	-	-	1.24	2.98	0.37
240	10.3	12.12	35.35	0.00	-1888.40	0.00	-919.35	-	-	0.94	-0.89	0.38
260	20.76	10.99	30.87	0.00	-1830.70	0.00	-720.66	-	-	0.72	-5.25	0.40
280	34.54	9.73	26.33	0.00	-1787.30	0.00	-557.06	-	-	0.55	-10.18	0.41
300	52.34	8.47	22.13	0.00	-1757.10	0.01	-424.65	-	-	0.43	-15.76	0.43

Conclusions:

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

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

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

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Notes:

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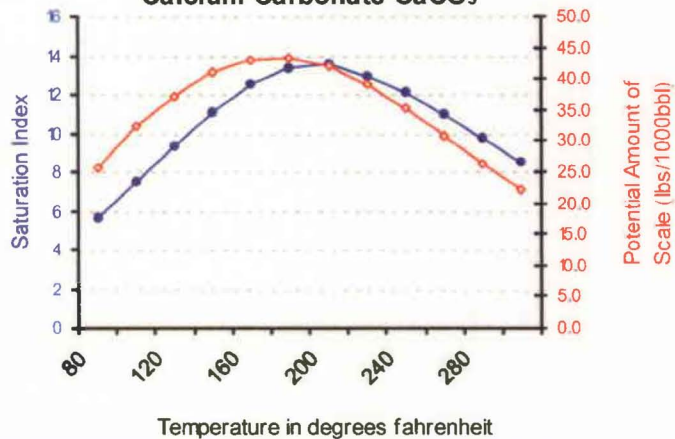
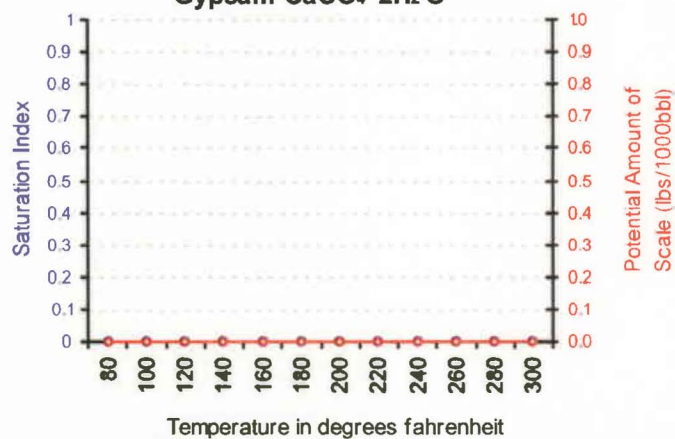
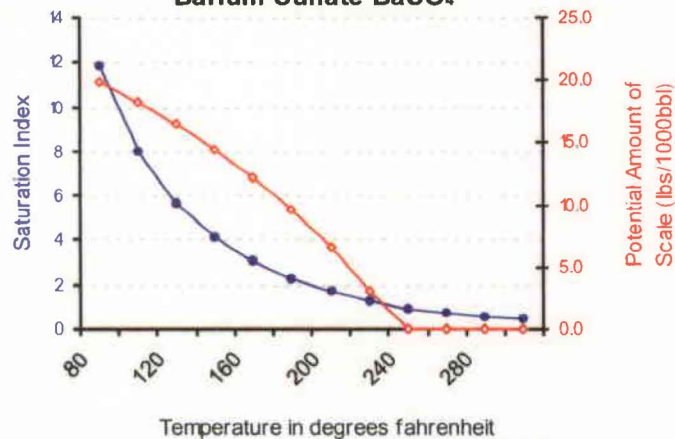
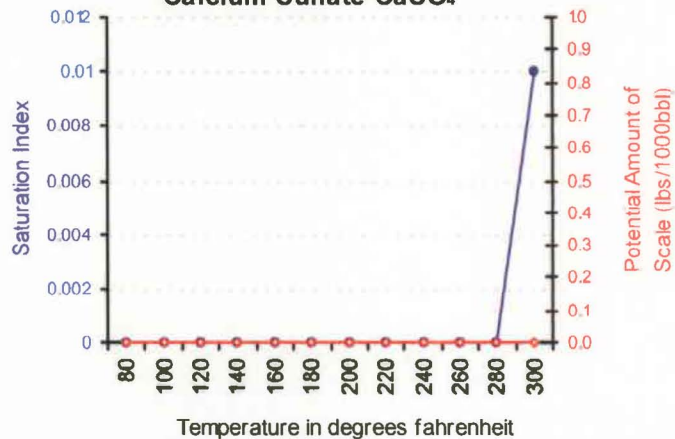
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1553 East Highway 40

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Scale Prediction GraphsWell Name: **Ashley Federal 2-23-9-15**Sample ID: **WA-58676****Calcium Carbonate CaCO_3** **Gypsum $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$** **Barium Sulfate BaSO_4** **Calcium Sulfate CaSO_4** 

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Attachment "G"

**Ashley Federal #2-23-9-15
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5106	5310	5208	2430	0.91	2397
4998	5088	5043	2500	0.93	2468
4770	4866	4818	2120	0.88	2089 ←
4540	4552	4546	2800	1.05	2771
4174	4180	4177	3800	1.34	3773
				Minimum	<u>2089</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.

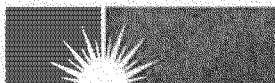
$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

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

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1 of 15

WELL NAME: Ashley Federal 2-23-9-15 Report Date: Aug 9, 2005 Day: 01
Operation: Completion Rig: Rigless

Surf Csg: 8-5/8 @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6033' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

[illegible]

Date Work Performed: Aug 8, 2005 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6033' & cement top @ 400'. Perforate stage #1 W/ 4" ported guns as follows: LODC sds @ 5436- 46', 5424- 30'. All 4 JSPF for a total of 64 holes (1 run). SIFN W/ est 145 BWTR.

Starting fluid load to be recovered:	<u>145</u>	Starting oil rec to date:	<u> </u>		
Fluid lost/recovered today:	<u>0</u>	Oil lost/recovered today:	<u> </u>		
Ending fluid to be recovered:	<u>145</u>	Cum oil recovered:	<u> </u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

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

Weatherford BOP	\$140
NPC NU crew	\$300
NDSI trucking	\$1,400
Perforators LLC-CBL/CP	\$5,743
Drilling cost	\$396,179
Zubiate hot oil	\$383
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

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

DAILY COST:	\$410,445
TOTAL WELL COST:	\$410,445

2 of 15

WELL NAME: Ashley Federal 2-23-9-15 Report Date: Aug 16, 2005 Day: 2
Operation: Completion Rig: NC #1

Surf Csg: 8-5/8 @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBDT: 6033' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:

[illegible]

RU BJ Services "Ram Head" frac flange. RU Black Warrior WLT. RU BJ & frac stage #1 down casing w/ 54,896#'s of 20/40 sand in 453 bbls of Lightning 17 frac fluid. Perfs broke down @ 2677 psi, back to 2420 psi. Treated @ ave pressure of 2845 w/ ave rate of 26.5 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. Screened out w/ 14 bbls of 8# sand in casing. 3454#'s of sand in casing, 51,442#'s in perfs. Flowed well back. Rec'd 90 bbls fluid in flow back. RD BJ & WLT. MIRUSU. SIFN.

Starting fluid load to be recovered:	598	Starting oil rec to date:	
Fluid lost/recovered today:	90	Oil lost/recovered today:	
Ending fluid to be recovered:	508	Cum oil recovered:	
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

Procedure or Equipment detail: LODC sds down casing

Weatherford BOP	\$140
Weatherford Services	\$700
Betts frac water	\$680
NPC fuel gas	\$105
BJ Services LODC sd	\$21,311
BWWC LODC sds	\$2,000
NPC Supervisor	\$300
NPC rig	\$890
Betts water transfer	\$300
NDSI trucking	\$1,200
tbg("A" grade Aztec)	\$30,177
MT. West Sanitation	\$400

Completion Supervisor: Ron Shuck

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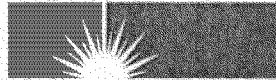
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DAILY COST: \$58,203

TOTAL WELL COST: \$468,648

3015

NEWFIELD



DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 17, 2005

Day: 3

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 5365'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5106-5113'	4/28
			LODC sds	5134-5204'	4/140
			LODC sds	5250-5263'	4/52
			LODC sds	5302-5310'	4/32
			LODC sds	5424- 5430'	4/24
			LODC sds	5436- 5446'	4/40

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 16, 2005

SITP: SICP: 0

Bled well down. Tally & TIH w/ NC, 165 jts of new J-55, 6.5#, 8 EUE Tulsa brand tbg. Tag sand @ 5483' (601' of sand). RU pump/tank. Circulate well clean to PBTD of 6084'. TOOH w/ tbg 184 jt. RU Black Warrior WLT. RIH w/ Weatherford 5-1/2" composite 6K plug & 8', 3' perf guns. Set plug @ 5365'. Perforate LODC sds @ 5302-10', 5250-63', 5134-5204', 5106-13' w/ 4" Port Guns (19 gram, .41"HE, 120°) w/ 2 & 4 spf for total of 252 shots in 4 runs. RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #2 down casing w/ 240,230#'s of 20/40 sand in 1566 bbls of Lightning 17 frac fluid. Perfs broke down @ 3185 psi, back to 2762 psi. Treated @ ave pressure of 2358 w/ ave rate of 39.3 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. Leave pressure on well. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 508 Starting oil rec to date:
 Fluid lost/recovered today: 1566 Oil lost/recovered today:
 Ending fluid to be recovered: 2074 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

18312 gals of pad

12750 gals w/ 1-5 ppg of 20/40 sand

25500 gals w/ 5-8 ppg of 20/40 sand

4086 gals w/ 8 ppg of 20/40 sand

Flush w/ 5124 gals of slick water

COSTS

NPC rig	\$4,120
Weatherford BOP	\$140
Weatherford Services	\$2,900
Betts frac water	\$720
NPC fuel gas	\$132
BJ Services LODC sd	\$53,256
BWWC LODC sds	\$10,379
NPC Supervisor	\$300
NPC truck & water	\$500

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

Max TP: 2685 Max Rate: 40 Total fluid pmpd: 1566 bbls

Avg TP: 2358 Avg Rate: 39.3 Total Prop pmpd: 240,230#'s

ISIP: 2430 5 min: 10 min: FG: .90

Completion Supervisor: Ron Shuck

DAILY COST: \$72,447

TOTAL WELL COST: \$541,095

4 of 15

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 18, 2005

Day: 4a

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 5060'
 Plug 5365'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5106-5113'	4/28
			LODC sds	5134-5204'	4/140
			LODC sds	5250-5263'	4/52
			LODC sds	5302-5310'	4/32
			LODC sds	5424- 5430'	4/24
			LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 17, 2005

SITP: SICP: 1040

Day4a.

RU WLT. RIH w/ frac plug & 10' perf guns. Set plug @ 5060'. Perforate A1 sds @ 4998-5008' w/ 4 spf for a total of 40 shots. RU BJ & frac stage #3 w/ 34,340#'s of 20/40 sand in 350 bbls of Lightning 17 frac fluid. Perfs broke down @ 3015 psi, back to 1625 psi. Treated @ ave pressure of 2145 w/ ave rate of 24.9 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2500. 2424 bbls EWTR. Leave pressure on well. See day4b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 508 Starting oil rec to date:
 Fluid lost/recovered today: 1566 Oil lost/recovered today:
 Ending fluid to be recovered: 2074 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sds down casing

3360 gals of pad

2194 gals w/ 1-5 ppg of 20/40 sand

3896 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 5040 gals of slick water

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COSTS

NPC rig	\$1,413
Weatherford BOP	\$28
Weatherford Services	\$2,900
Betts frac water	\$480
NPC fuel gas	\$88
BJ Services LODC sd	\$10,501
BWWC LODC sds	\$3,111
NPC Supervisor	\$60

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

Max TP: 2430 Max Rate: 25.2 Total fluid pmpd: 350 bbls

Avg TP: 2145 Avg Rate: 24.9 Total Prop pmpd: 34,340#'s

ISIP: 2500 5 min: 10 min: FG: .93

Completion Supervisor: Ron Shuck

DAILY COST: \$18,581

TOTAL WELL COST: \$559,676

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 18, 2005

Day: 4b

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'

Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 4920'

Plug 5365' 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5106-5113'	4/28
			LODC sds	5134-5204'	4/140
			LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 17, 2005

SITP: SICP: 1160

Day4b.

RU WLT. RIH w/ frac plug & 4',4',5' perf guns. Set plug @ 4920'. Perforate B1 sds @ 4862-66', B.5 sds @ 4834-38', sds @ 4770-75' w/ 4 spf for a total of 52 shots (2 runs due to mis-fire). RU BJ & frac stage #4 w/ 34,266#'s of 20/40 sand in 345 bbls of Lightning 17 frac fluid. Perfs broke down @ 3745 psi, back to 2131 psi. Treated @ ave pressure of 1835 w/ ave rate of 24.9 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2120. 2769 bbls EWTR. Leave pressure on well. See day4c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2074

Starting oil rec to date:

Fluid lost/recovered today: 345

Oil lost/recovered today:

Ending fluid to be recovered: 2769

Cum oil recovered:

IFL:

FFL:

FTP:

Choke:

Final Fluid Rate:

Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B1, B.5 & C sds down casing

COSTS

3444 gals of pad

2194 gals w/ 1-5 ppg of 20/40 sand

3854 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4788 gals of slick water

NPC rig	\$1,413
Weatherford BOP	\$28
Weatherford Services	\$2,200
Betts frac water	\$480
NPC fuel gas	\$88
BJ Services B & C sd	\$18,118
BWWC B1,B.5&Csds	\$3,111
NPC Supervisor	\$60

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

Max TP: 2080 Max Rate: 25.2 Total fluid pmpd: 345 bbls

Avg TP: 1835 Avg Rate: 24.9 Total Prop pmpd: 34,266#'s

ISIP: 2120

5 min:

10 min:

FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \$25,498

TOTAL WELL COST: \$585,174

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 18, 2005

Day: 4c

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @ BP/Sand PBTD: 4730'
 Plug 5365' 5060' 4920'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5106-5113'	4/28
			LODC sds	5134-5204'	4/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 17, 2005

SITP: SICP: 1555

Day4c.

RU WLT. RIH w/ frac plug & 7' perf guns. Set plug @ 4730'. Perforate D1 sds @ 4616-23' w/ 4 spf for a total of 28 shots. RU BJ & frac stage #5 w/ 24,437#'s of 20/40 sand in 253 bbls of Lightning 17 frac fluid. Perfs broke down @ 4210 psi, back to 1425 psi. Treated @ ave pressure of 2078 w/ ave rate of 25 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. Screened out frac w/ 6908#'s of sand in casing, 17,529#'s in perfs, 28.9 bbls left in flush w/ 6.5# sand on perfs. 3022 bbls EWTR. Flow well back @ 2800 psi. Rec'd 90 bbls fluid. RD BJ & WLT. TIH w/ NC, 138 jts tbg. Tag fill @ 4670' (gel sand). C/O sand to plug @ 4730'. Well making sand & flowing 4 bpm. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3022 Starting oil rec to date: _____
 Fluid lost/recovered today: 90 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2932 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D1 sds down casing

COSTS

NPC rig	\$1,413
Weatherford BOP	\$28
Weatherford Services	\$2,200
Betts frac water	\$360
NPC fuel gas	\$66
BJ Services D1 sd	\$8,818
BWWC D1 sds	\$3,111
NPC Supervisor	\$60

2604 gals of pad

1569 gals w/ 1-5 ppg of 20/40 sand

2799 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 3444 gals of slick water

Screened out frac w/ 17,527#'s sand in perfs, 28.9 bbls left

in flush w/ 6.5# sand on perfs

Max TP: 2165 Max Rate: 25.4 Total fluid pmpd: 253 bbls

Avg TP: 2078 Avg Rate: 25 Total Prop pmpd: 24,437#'s

ISIP: 3080 5 min: 10 min: FG: NA

Completion Supervisor: Ron Shuck

DAILY COST: \$16,056

TOTAL WELL COST: \$601,230

7 of 15

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 19, 2005

Day: 5a

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8 @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 4590'
 Plug 5365' 5060' 4920' 4730'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS2 sds	4540-4552'	4/48	LODC sds	5106-5113'	4/28
D1 sds	4616-4623'	4/28	LODC sds	5134-5204'	2/140
C sds	4770-4775'	4/20	LODC sds	5250-5263'	4/52
B.5 sds	4834-4838'	4/16	LODC sds	5302-5310'	4/32
B1 sds	4862-4866'	4/16	LODC sds	5424- 5430'	4/24
A1 sds	4998-5008'	4/40	LODC sds	5436- 5446'	4/40

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 18, 2005

SITP: SICP: 210

Day 5a.

TIH w/ tbg & tag sand @ 4720' (10' of fill). TOOH w/ tbg. RU BJ & WLT. RIH w/ frac plug & 12' perf guns. Set plug @ 4590'. Perforate DS2 sds @ 4540-52' w/ 4 spf for a total of 48 shots. RU BJ & frac stage #6 w/ 25,087#'s of 20/40 sand in 283 bbls of Lightning 17 frac fluid. Open well w/ 210 psi on casing. Perfs broke down @ 3874 psi, back to 2000 psi. Treated @ ave pressure of 2266 w/ ave rate of 19.8 bpm w/ up to 8 ppg of sand. Spot 10 bbls of 15% HCL in flush for next stage. ISIP was 2800. 3215 bbls EWTR. Leave pressure on well. See day 5b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2932 Starting oil rec to date: _____
 Fluid lost/recovered today: 283 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3215 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: DS2 sds down casing

2730 gals of pad

1569 gals w/ 1-5 ppg of 20/40 sand

2631 gals w/ 5-8 ppg of 20/40 sand

420 gals of 15% HCL acid

Flush w/ 4536 gals of slick water

COSTS

NPC rig \$2,060
 Weatherford BOP \$70
 Weatherford Services \$2,900
 Betts frac water \$360
 NPC fuel gas \$66
 BJ Services DS2 sd \$8,818
 BWWC DS2 sds \$3,679
 NPC Supervisor \$150

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

Max TP: 2325 Max Rate: 25.3 Total fluid pmpd: 283 bbls

Avg TP: 2266 Avg Rate: 19.8 Total Prop pmpd: 25,087#'s

ISIP: 2800 5 min: 10 min: FG: 1.04

Completion Supervisor: Ron Shuck

DAILY COST: \$18,103

TOTAL WELL COST: \$619,333

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Aug 19, 2005

Day: 5b

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8 @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4158' BP/Sand PBTD: 4280'
 Plug 5365' 5060' 4920' 4730' 4590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Aug 18, 2005

SITP: SICP: 800

Day 5b.

RU WLT. RIH w/ frac plug & 6' perf guns. WL stuck in sheave had to re-head. Set plug @ 4280'. Perforate GB6 sds @ 4174-4180' w/ 4 spf for a total of 24 shots. RU BJ & frac stage #7 w/ 26,129#'s of 20/40 sand in 244 bbls of Lightning 17 frac fluid. Open well w/ 800 psi on casing. Perfs broke down @ 3900 psi, back to 1520 psi. Treated @ ave pressure of 1895 w/ ave rate of 14.1 bpm w/ up to 8 ppg of sand. Screened out frac w/ 9500#'s sand in casing, 16,628#'s in perfs w/ 6.5# nd on perfs, 40.3 bbls left in flush. ISIP was 3800. 3459 bbls EWTR. RD BJ & WLT. Flow well back. Rec'd 25 bbls fluid in 30 minutes. RD Cameron BOP & 5000# frac head. NU 3000# production head & BOP. TIH w/ Smith bit (new Rock bit), 123 jts tbg to tag sand @ 4092'. RU pump/lines. Circulate well clean to 4158'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3459 Starting oil rec to date: _____
 Fluid lost/recovered today: 25 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3434 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: GB6 sds down casing

COSTS

NPC rig	\$2,060
Weatherford BOP	\$70
Weatherford Services	\$2,900
Betts frac water	\$360
NPC fuel gas	\$66
BJ Services GB6 sd	\$8,818
BWWC GB6 sds	\$3,500
NPC Supervisor	\$150
Betts water transfer	\$500
NPC location cleanup	\$300
Weatherford smith bit	\$575
RNI water disposal	\$3,000
Unichem chemical	\$300
DAILY COST:	\$22,599
TOTAL WELL COST:	\$641,932

2856 gals of pad

1875 gals w/ 1-5 ppg of 20/40 sand

3123 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 2394 gals of slick water

Screened out frac w/9500#'s in casing w/16,628#'s in perfs

40.3 bbls left in flush, 6.5# sand on perfs

Max TP: 2100 Max Rate: 14.3 Total fluid pmpd: 244 bbls

Avg TP: 1895 Avg Rate: 14.1 Total Prop pmpd: 26,129#'s

ISIP: 3800 5 min: 10 min: FG: NA

Completion Supervisor: Ron Shuck

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9 of 15

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: August 20, 2005

Day: 06

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8 @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 6019' BP/Sand PBTD: 6084'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 19, 2005

SITP: 25 SICP: 25

Bleed pressure off well. Rec est 5 BTF. Con't TIH W/ bit & tbg f/ 3926'. Tag fill @ 4133'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4133', plug @ 4280' in 9 minutes; sd @ 4459', plug @ 4590' in 8 minutes; no sd, plug @ 4730' in 7 minutes; no sd, plug @ 4920' in 8 minutes; no sd, plug @ 5060' in 13 minutes; sd @ 5154', plug @ 5365' in 8 minutes. RD swivel & con't PU tbg. Tag fill @ 6083'. RU swivel. Drill plug remains to PBTD @ 6084'. Circ hole clean. Lost est 50 BW during cleanout. RD swivel. Pull EOT to 6019'. RU swab equipment. IFL @ sfc. Made 5 swb runs rec 62 BTF W/ light tr oil & gas and heavy sand. FFL @ 1000'. SIFN W/ est 3417 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3434 Starting oil rec to date: _____
 Fluid lost/recovered today: 17 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3417 Cum oil recovered: _____
 IFL: sfc FFL: 1000' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

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

COSTS

NC #1 rig	\$4,360
Weatherford BOP(X2)	\$280
Four Star swivel	\$650
Monks pit reclaim	\$1,800
NPC sfc equipment	\$120,000
R & T labor/welding	\$13,600
NPC supervision	\$300

OCT 26 2011

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: \$140,990
 TOTAL WELL COST: \$782,922

10 of 15

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: August 23, 2005

Day: 07

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5984' BP/Sand PBTD: 6084'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 22, 2005

SITP: 25 SICP: 25

Bleed gas off well. Con't swabbing well for cleanup (W/ much difficulties). IFL @ 200'. Made 3 runs with problems tearing swab cups up. Rev circ hole W/ clean wtr. Second round of swabbing found tbg plugged & stuck. Able to work tbg loose. TIH to PBTD (no fill). Rev circ hole W/ clean wtr again. Rec some rubber chunks. Pull EOT to 5984'. Third round of swabbing had following results: IFL @ sfc. Made 17 swab runs rec 198 BTF W/ approx 2% oil on last run. FFL @ 1400'. Still making light sand. SIFN W/ est 3219 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3417 Starting oil rec to date: _____
 Fluid lost/recovered today: 198 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3219 Cum oil recovered: _____
 IFL: sfc FFL: 1400' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: 2%

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

NC #1 rig	\$4,264
Weatherford BOP	\$140
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

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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: \$5,309

TOTAL WELL COST: \$788,231

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: August 24, 2005

Day: 08

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Anchor @: 5392' BP/Sand PBTD: 6084'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: August 23, 2005

SITP: 50 SICP: 50

Bleed gas off well. Con't swabbing well for cleanup. IFL @ 800'. Made 18 swab runs rec 210 BTF W/ fair gas & still small tr sd @ end. Making slow runs due to sandy conditions. FFL @ 1250'. FOC @ 3%. TIH W/ bit & tbg f/ 5984'. Tag sd @ 6079' (5' new fill). C/O sd to PBTD @ 6084'. Circ hole clean. Lost est 105 BW & rec 15 BO. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CD! 5 1/2" TA (45K) & 162 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5392' W/ SN @ 5462' & EOT @ 5530'. Land tbg W/ 15,000# tension. NU wellhead. SIFN W/ est 3114 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3219 Starting oil rec to date: 0
 Fluid lost/recovered today: 105 Oil lost/recovered today: 10
 Ending fluid to be recovered: 3114 Cum oil recovered: 10
 IFL: 800' FFL: 1250' FTP: Choke: Final Fluid Rate: Final oil cut: 3%

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

NC #1 rig	\$4,247
Weatherford BOP	\$140
NPC trucking	\$300
NPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$4,987

TOTAL WELL COST: \$793,218

OCT 26 2011

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12 of 15

Day: 09

Rig: NC #1

Surf Csg:	<u>8-5/8'</u>	@	<u>312'</u>	Prod Csg:	<u>5-1/2"</u>	@	<u>6100'</u>	Csg PBDT:	<u>6084'</u>
Tbg:	Size: <u>2-7/8"</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Anchor @:	<u>5392'</u>	BP/Sand PBDT:	<u>6084'</u>

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>GB6 sds</u>	<u>4174-4180'</u>	<u>4/24</u>	<u>LODC sds</u>	<u>5106-5113'</u>	<u>4/28</u>
<u>DS2 sds</u>	<u>4540-4552'</u>	<u>4/48</u>	<u>LODC sds</u>	<u>5134-5204'</u>	<u>2/140</u>
<u>D1 sds</u>	<u>4616-4623'</u>	<u>4/28</u>	<u>LODC sds</u>	<u>5250-5263'</u>	<u>4/52</u>
<u>C sds</u>	<u>4770-4775'</u>	<u>4/20</u>	<u>LODC sds</u>	<u>5302-5310'</u>	<u>4/32</u>
<u>B.5 sds</u>	<u>4834-4838'</u>	<u>4/16</u>	<u>LODC sds</u>	<u>5424- 5430'</u>	<u>4/24</u>
<u>B1 sds</u>	<u>4862-4866'</u>	<u>4/16</u>	<u>LODC sds</u>	<u>5436- 5446'</u>	<u>4/40</u>
<u>A1 sds</u>	<u>4998-5008'</u>	<u>4/40</u>			

SITP: 0 SICP: 0

FINAL REPORT!!

Starting fluid load to be recovered:	<u>3114</u>	Starting oil rec to date:	<u>10</u>
Fluid lost /recovered today:	<u>5</u>	Oil lost /recovered today:	<u>0</u>
Ending fluid to be recovered:	<u>3119</u>	Cum oil recovered:	<u>10</u>
IFL:	FFL:	FTP:	
Choke:	Final Fluid Rate:	Final oil cut:	

			NC #1 rig	\$2,416
KB	12.00'	1 1/2" X 22' polished rod	CDI rod pump	\$2,000
162	2 7/8 J-55 tbg (5380.38')	1-8",1-6",1-4",1-2' X 3/4" ponies	"B" grade rod string	\$8,947
	TA (2.80' @ 5392.38' KB)	99-3/4" scraped rods	Zubiate HO trk	\$880
2	2 7/8 J-55 tbg (66.55')	101-3/4" plain rods	NPC frac tks(10X8dys)	\$3,200
	SN (1.10' @ 5461.73' KB)	10-3/4" scraped rods	NPC swb tk (9 days)	\$360
2	2 7/8 J-55 tbg (66.70')	6-1 1/2" weight rods	NPC frac head	\$500
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 4' X 17'	NPC supervision	\$300
EOT	5529.98' W/ 12' KB	RTBC McGuyver pump		

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WELL NAME: Ashley Federal 2-23-9-15 **Report Date:** Jan. 14, 2005 **Day:** 01
Operation: Completion **Rig:** NC #3

WELL STATUS

Surf Csg: 8-5/8' @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBDT: 6084'
Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBDT: 6084'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 13, 2006 **SITP:** 0 **SICP:** 0

MIRU NC #3. RU HO trk & pump 70 BW dn casing @ 250 F. RD pumping unit. Jar on rod pump for 2 hrs--pump won't unseat RU HO trk & pump add'l 70 BW dn casing @ 250 F. Jar on pump add'l 1 1/2 hrs. No travel in pump. Backoff rod string. TOH W 94-3/4" scraped rods. RU HO truck & fill tbg W/ 3 BW. Pressure test tbg to 3000 psi. ND wellhead & release TA @ 5392'. NL BOP. TOH W/ tbg to rods. While preparing to back off rod string, pump came off seat! RU HO truck & flush tbg & rods W/ 25 BW @ 250 F. TOH W/ remainder of rod string--LD pump. SIFN W/ est 168 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	<u>0</u>	Starting oil rec to date:	
Fluid <u>lost</u>/recovered today:	<u>168</u>	Oil <u>lost</u>/recovered today:	
Ending fluid to be recovered:	<u>168</u>	Cum oil recovered:	
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

TUBING DETAIL

ROD DETAIL

COSTS

			NC #3 rig	\$4,106
KB	12.00'	1 1/2" X 22' polished rod	Weatherford BOP	\$140
162	2 7/8 J-55 tbg (5380.38')	1-8',1-6',1-4',1-2' X 3/4" ponies	NDSI HO truck	\$1,500
	TA (2.80' @ 5392.38' KB)	99-3/4" scraped rods	CDI pump repair	\$1,400
2	2 7/8 J-55 tbg (66.55')	101-3/4" plain rods	CDI TA repair	\$300
	SN (1.10' @ 5461.73' KB)	10-3/4" scraped rods	NPC trucking	\$300
2	2 7/8 J-55 tbg (66.70')	6-1 1/2" weight rods	NDSI wtr & truck	\$400
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 4' X 17'	NPC supervision	\$300
EOT	5529.98' W/ 12' KB	RTBC McGuyver pump		

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Workover supervisor: Gary Dietz

OCT 26 2011

DAILY COST:	\$8,446
TOTAL WELL COST:	\$8,446

DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 2-23-9-15

Report Date: Jan. 17, 2005

Day: 02

Operation: Completion

Rig: NC #3

WELL STATUS

Surf Csg: 8-5/8' @ 312' Prod Csg: 5-1/2" @ 6100' Csg PBTD: 6084'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Anchor @: 5392' BP/Sand PBTD: 6070'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 16, 2006

SITP: 0 SICP: 0

Con't TOH W/ prodeuction tbg-LD BHA. TIH W/ BHA & production tbg (same as pulled) as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, repaired CDI 5 1/2" TA (45K) & 162 jts 2 7/8 8rd 6.5# J-55 tbg. RU & RIH W/ sandline & sinker bars. Tag fill @ 6070' (14' fill in 4 1/2 mths). ND BOP. Set TA @ 5380' W/ SN @ 5462' & EOT @ 5530'. Land tbg W/ 15,000# tension. NU wellhead. RU HO trk 8 flush tbg W/ 30 BW @ 250 F. TIH W/ pump and rod string (same as pulled) as follows: repaired CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 101-3/4" plain rods, 100-3/4" scraped rods, 2-8' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 14 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. RU HO trk to casing. Pump 55 gals Unichem 767 scale & corrosion inhibitor followed W/ 200 BW. Leave well shut in for 48 hrs. Est 412 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 168 Starting oil rec to date: _____
 Fluid lost/recovered today: 244 Oil lost/recovered today: _____
 Ending fluid to be recovered: 412 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB 12.00'	1 1/2" X 22' polished rod	NC #3 rig	\$4,198
162 2 7/8 J-55 tbg (5380.38')	2-8' & 1-2' X 3/4" pony rods	Weatherford BOP	\$140
TA (2.80' @ 5392.38' KB)	100-3/4" scraped rods	NDSI HO truck	\$1,325
2 2 7/8 J-55 tbg (66.55')	101-3/4" plain rods	Unichem 767	\$750
SN (1.10' @ 5461.73' KB)	10-3/4" scraped rods	NDSI wtr & truck	\$400
2 2 7/8 J-55 tbg (66.70')	6-1 1/2" weight rods	NPC supervision	\$300
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'		
EOT 5529.98' W/ 12' KB	RHAC pump W/ SM plunger		

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Workover supervisor: Gary Dietz

DAILY COST: \$7,113

TOTAL WELL COST: \$15,559



15 of 15

DAILY WORKOVER REPORT

Day: 03

Rig: NC #3

WELL STATUS

Surf Csg:	8-5/8"	@	312'	Prod Csg:	5-1/2"	@	6100'	Csg PBDT:	6084'	
Tbg:	Size:	2-7/8"	Wt:	6.5#	Grd:	J-55	Anchor @:	5392'	BP/Sand PBDT:	6070'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	4174-4180'	4/24	LODC sds	5106-5113'	4/28
DS2 sds	4540-4552'	4/48	LODC sds	5134-5204'	2/140
D1 sds	4616-4623'	4/28	LODC sds	5250-5263'	4/52
C sds	4770-4775'	4/20	LODC sds	5302-5310'	4/32
B.5 sds	4834-4838'	4/16	LODC sds	5424- 5430'	4/24
B1 sds	4862-4866'	4/16	LODC sds	5436- 5446'	4/40
A1 sds	4998-5008'	4/40			

CHRONOLOGICAL OPERATIONS

SITP: 0 SICP: 0

Set for 48 hrs. Start well pumping @ 1:30 PM W/ 86" SL @ 5 SPM. Final report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	<u>168</u>	Starting oil rec to date:	<u> </u>
Fluid <u>lost</u> /recovered today:	<u>244</u>	Oil <u>lost</u> /recovered today:	<u> </u>
Ending fluid to be recovered:	<u>412</u>	Cum oil recovered:	<u> </u>
IFL: <u> </u>	FFL: <u> </u>	FTP: <u> </u>	Choke: <u> </u>
			Final Fluid Rate: <u> </u>
			Final oil cut: <u> </u>

TUBING DETAIL

ROD DETAIL

COSTS

KB	12.00'	1 1/2" X 22' polished rod	
162	2 7/8 J-55 tbg (5380.38')	2-8' & 1-2' X 3/4" pony rods	
	TA (2.80' @ 5392.38' KB)	100-3/4" scraped rods	
2	2 7/8 J-55 tbg (66.55')	101-3/4" plain rods	
	SN (1.10' @ 5461.73' KB)	10-3/4" scraped rods	
2	2 7/8 J-55 tbg (66.70')	6-1 1/2" weight rods	
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	
EOT	5529.98' W/ 12' KB	RHAC pump W/ SM plunger	

DAILY COST: \$100

TOTAL WELL COST: \$15,659

Workover supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4124'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 185' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 362'
6. Plug #4 Circulate 104 sx Class "G" cement down 5 ½" and up the 5 ½" x 8 5/8" annulus

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

Ashley Federal #2-23-9-15

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Ashley Federal 2-23-9-15

Spud Date: 6-21-05
Put on Production: 8-24-05

GL: 6305' KB: 6317'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (300.28')

DEPTH LANDED: 312.13' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

Proposed P & A
Wellbore Diagram

Initial Production: 46 BOPD,
32 MCFD, 92 BWPD

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

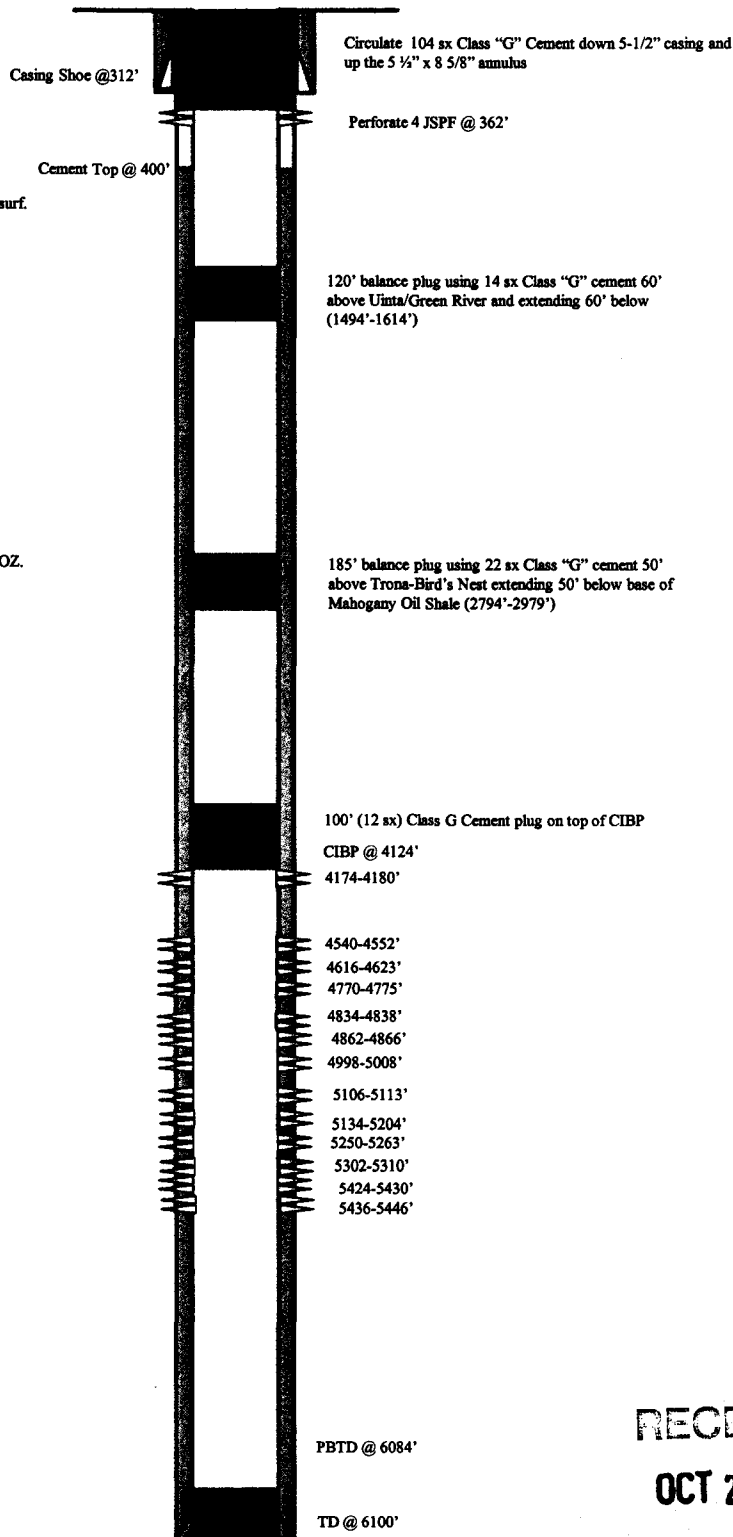
LENGTH: 144 jts. (6100.64')

DEPTH LANDED: 6099.89' KB

HOLE SIZE: 7-7/8"

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

CEMENT TOP AT: 400'



NEWFIELD

Ashley Federal 2-23-9-15
754' FNL & 1957' FEL
NWNE Section 23-T9S-R15E
Duchesne Co, Utah
API #43-013-32735; Lease #UTU-66185

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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

754 FNL 1957 FEL

NWNE Section 23 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

ASHLEY FEDERAL 2-23-9-15

9. API Well No.

4301332735

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

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

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

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OCT 26 2011

DM. OF OIL, GAS & MINING

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

Jill Loyle

Signature

Title

Regulatory Technician

Date

10/21/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

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-66185
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: ASHLEY FED 2-23-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0754 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 23 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013327350000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE
STATE: UTAH		

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

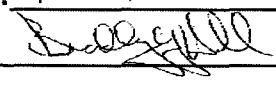
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/18/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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 03/17/2014. On 03/17/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/18/2014 the casing was pressured up to 1704 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.

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

Date: April 16, 2014

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 3/31/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: [Signature] Date 3/18/14 Time 9:30 ☒ am ☐ pm

Test Conducted by: Britt Jensen

Others Present: _____

Well: Ashley Federal 2-23-9-15

Field: GMB4

Well Location: NW/NE Sec. 23, T9S, R1E

API No: 43-013-32735

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1703</u>	psig
5	<u>1704</u>	psig
10	<u>1704</u>	psig
15	<u>1704</u>	psig
20	<u>1704</u>	psig
25	<u>1704</u>	psig
30 min	<u>1704</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 340 psig

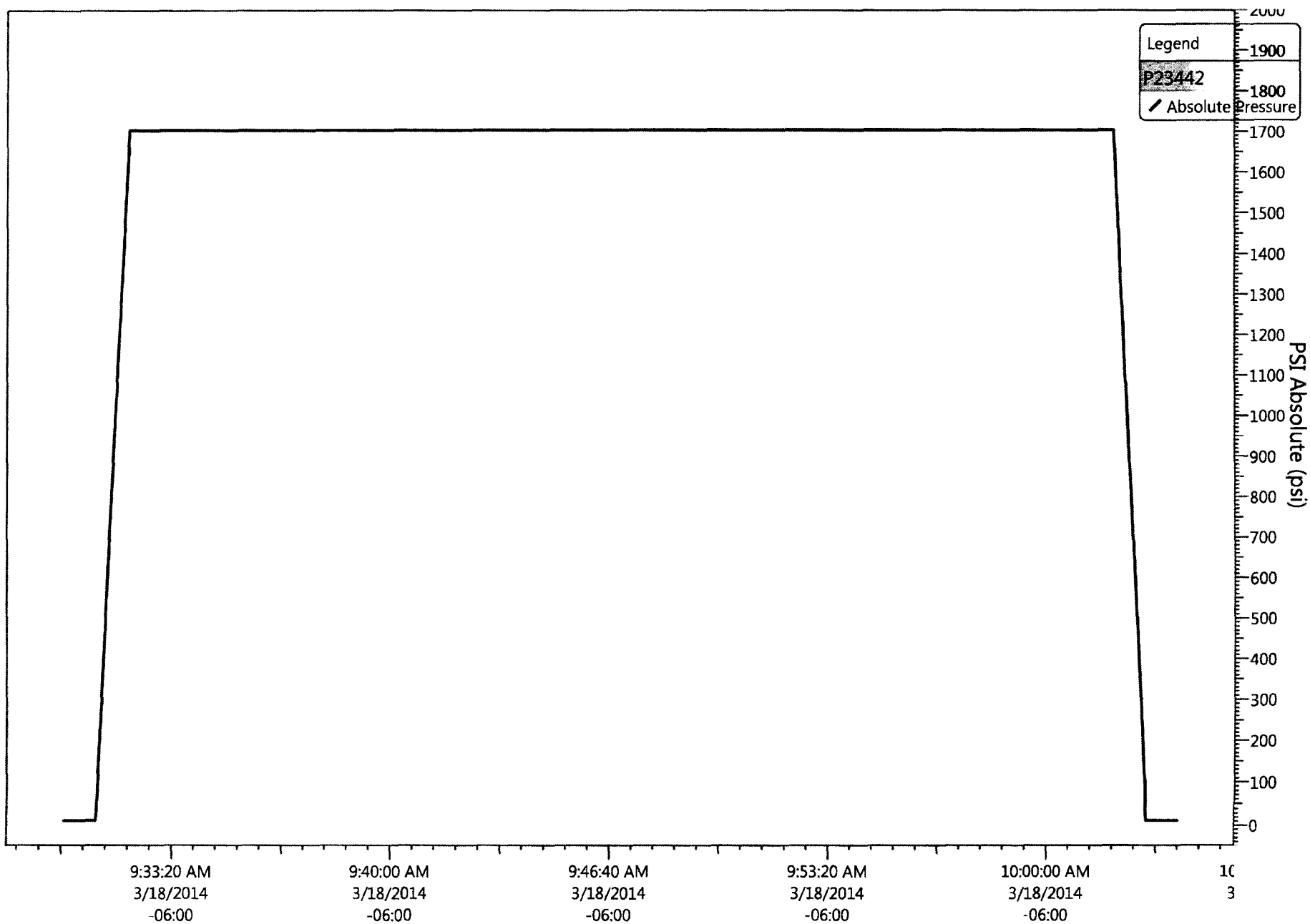
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]

Ashley Federal 2-23-9-15

3/18/2014 9:17:13 AM



NEWFIELD



Job Detail Summary Report

Well Name: Ashley 2-23-9-15

Jobs

Primary Job Type Conversion	Job Start Date 3/12/2014	Job End Date
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/12/2014	3/12/2014	SPOT RIG, RU RIG, FLUSH
Start Time	End Time	Comment
10:30	11:30	SPOT RIG, RU RIG
Start Time	End Time	Comment
11:30	12:00	WAIT FOR HOT OILER TO FINISH HEATING CSG. UNHANG HORSES HEAD AND RODS.
Start Time	End Time	Comment
12:00	13:00	FLUSH TBG WITH 40 BBLS WATER @ 250 F.
Start Time	End Time	Comment
13:00	14:00	SOFT SEAT AND RU TO PT TBG, WAIT FOR HOT OILER TO GET LOADED AND TIED BACK ON TO TBG, PT TBG TO 3000 PSI, GOOD TEST. BD TBG AND RU FLOW LINE AND ROD TABLE.
Start Time	End Time	Comment
14:00	17:15	POOH WITH RODS LAYING DOWN ON TRAILER.
Start Time	End Time	Comment
17:15	17:30	XO TO TBG EQUIPMENT AND SPOT IN ACCUM.
Start Time	End Time	Comment
17:30	18:15	RD FLOW LINE, ND WH, RELEASE TAC, NU BOP.
Start Time	End Time	Comment
18:15	18:30	SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
18:30	20:00	TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary
3/13/2014	3/13/2014	RU WORK FLOOR, TOOH TBG, BREAK, DOPE
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
Start Time	End Time	Comment
07:00	08:00	WAIT FOR SUN TO COME OUT, RU WORK FLOOR AND PREP TO POOH WITH TBG.
Start Time	End Time	Comment
08:00	12:00	POOH WITH 92 JNTS TBG BREAKING EVERY CONNECTION AND CLEANING THREADS, INSPECTING THEM FOR GALLING OR DAMAGE. APPLY LIQUID O RING AND WRENCH TOGETHER.
Start Time	End Time	Comment
12:00	14:00	FINISH POOH WITH TBG BREAKING AND DOPING COLLARS TO DESIRED DEPTH, LD EXCESS TBG FROM BOTTOM OF STRING.
Start Time	End Time	Comment
14:00	14:15	PU/MU PACKER ASSY AND BHA.
Start Time	End Time	Comment
14:15	16:00	TIH WITH PACKER ASSY AND 124 JNTS TBG TIGHTENING EVERY CONNECTION ON WAY IN.
Start Time	End Time	Comment
16:00	16:30	PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PT TBG TO 3000 PSI, LEAVE FOR THE NIGHT, SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
16:30	18:00	TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary
3/14/2014	3/14/2014	TEST TBG, RD WORK FLOOR, SET PKR
Start Time	End Time	Comment
05:30	07:00	CREW TRAVEL, FUEL & START EQUIP. JSA. JSP. GO-CARD. SAFETY MTG



Job Detail Summary Report

Well Name: Ashley 2-23-9-15

--

Start Time	07:00	End Time	10:00	Comment
				TEST TBG TO 3000 PSI, TBG WAS PRESSURED UP OVERNIGHT & DROPPED 550 LBS, KEPT DROPPING FROM 5-19 LBS IN 30 MIN TEST, FINALLY LEVELED OUT & TESTED W/ NO LOSS FOR 30 MINS
Start Time	10:00	End Time	11:00	Comment
				R/U LUBE, RIH W/ SANDLINE & RETRIEVE S/V. POOH L/D LUBE
Start Time	11:00	End Time	12:00	Comment
				R/D WORKFLOOR, N/D BOPS. ADD 6' SUB N/U WH. ROLL 50 BBL PKR FLUID
Start Time	12:00	End Time	12:30	Comment
				N/D WH, SET PKR W/ 1.20' STRETCH FOR 16K TENSION, REMOVE SUB N/U WH LAND WELL W/ 12' KB, 124 JTS J-55 (4122.65'), OSN (1.10'), ON/OFF TOOL (1.80') LCKR CE (3.30') PKR OAL (6.95'), X/O (.50'), TBG SUB (4.10'), X/N (1.65')
Start Time	12:30	End Time	14:30	Comment
				FILL CSG W/ 8 BW & TEWST TO 1,550 PSI (GOOD), WAIT FOR MIT & RE-TEST (GOOD)
Start Time	14:30	End Time	15:30	Comment
				R/D, WRAP LINES, LOAD EQUIP, PARK RIG ON LOCATION, SDFWE
Start Time	15:30	End Time	17:00	Comment
				CREW TRAVEL

Report Start Date 3/18/2014	Report End Date 3/18/2014	24hr Activity Summary PERFORM MIT
--------------------------------	------------------------------	--------------------------------------

Start Time	09:30	End Time	12:00	Comment
				On 03/17/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/18/2014 the casing was pressured up to 1704 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 2-23-9-15

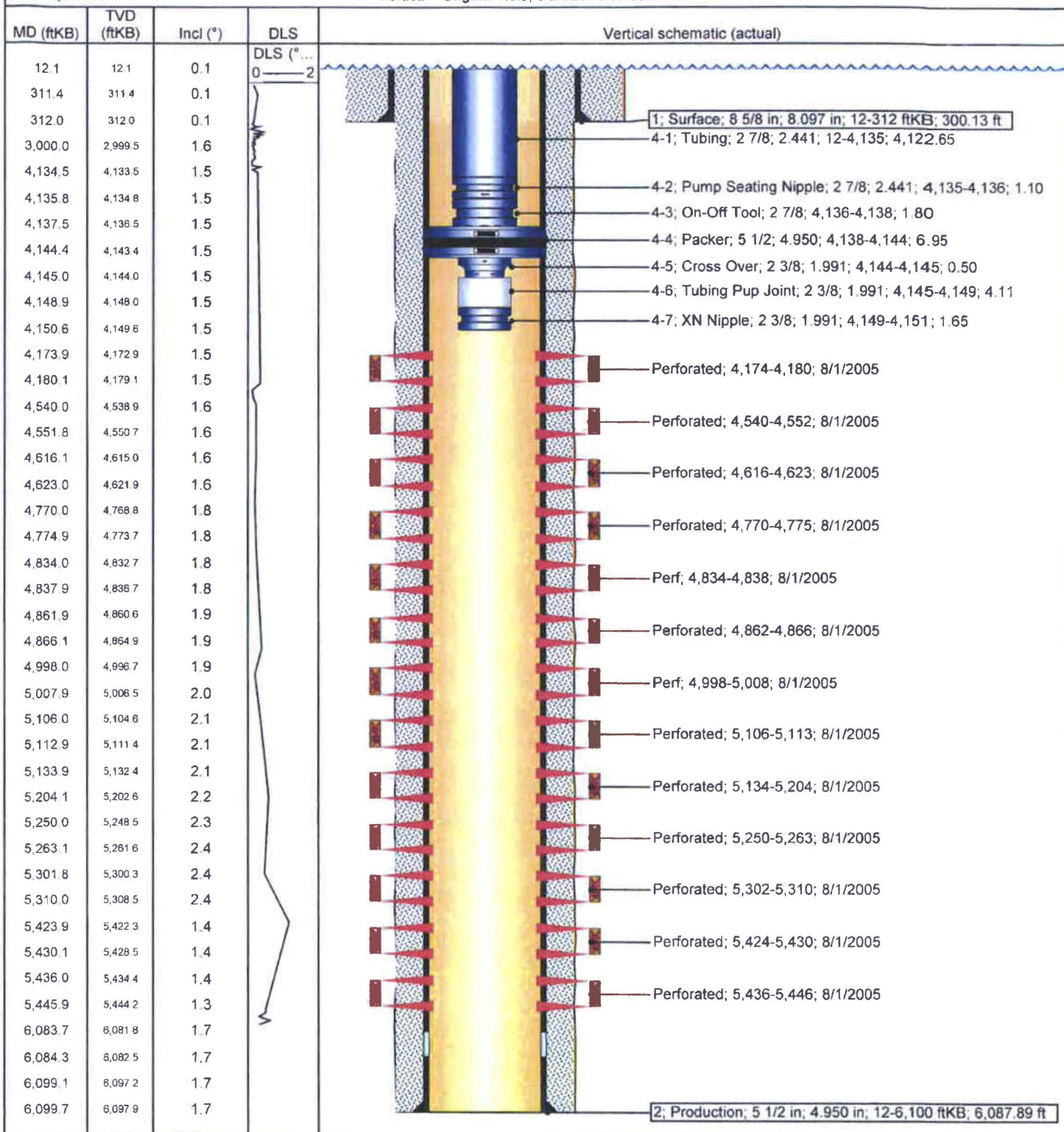
Surface Legal Location 23-9S-15E		API/UWI 43013327350000	Well RC 500150972	Lease	State/Province Utah	Field Name GMBU CTB2	County DUCHESE
Spud Date	Rig Release Date	On Production Date 8/24/2005	Original KB Elevation (ft) 12	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/12/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	--------------

TD: 6,099.9

Vertical - Original Hole, 3/24/2014 11:38:30 AM



NEWFIELD
Newfield Wellbore Diagram Data
Ashley 2-23-9-15

Surface Legal Location 23-9S-15E		API/UWI 43013327350000		Lease	
County DUCHESENE	State/Province Utah	Basin		Field Name GMBU CTB2	
Well Start Date 6/21/2005		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 12		Ground Elevation (ft)		On Production Date 8/24/2005	
Total Depth (ftKB) 6,099.9		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/23/2005	8 5/8	8.097	24.00	J-55	312
Production	7/30/2005	5 1/2	4.950	15.50	J-55	6,100

Cement**String: Surface, 312ftKB 6/23/2005**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 312.1	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,100ftKB 7/30/2005

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premite II w/ 10% gel + 3% KCL, 3#s/sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	Fluid Type Lead	Amount (sacks) 300	Class PLII	Estimated Top (ftKB) 12.0

String: Production, 6,100ftKB 7/30/2005

Cementing Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 6,099.9	Full Return?	Vol Cement Ret (bbl)
Fluid Description 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	Fluid Type Tail	Amount (sacks) 450	Class 50/50	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					3/14/2014		4,150.8	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	124	2 7/8	2.441	6.50	J-55	4,122.65	12.0	4,134.6
Pump Seating Nipple		2 7/8	2.441			1.10	4,134.6	4,135.7
On-Off Tool		2 7/8				1.80	4,135.7	4,137.5
Packer		5 1/2	4.950			6.95	4,137.5	4,144.5
Cross Over		2 3/8	1.991			0.50	4,144.5	4,145.0
Tubing Pup Joint		2 3/8	1.991			4.11	4,145.0	4,149.1
XN Nipple		2 3/8	1.991			1.65	4,149.1	4,150.8

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
13	GB6, Original Hole	4,174	4,180	4			8/1/2005
12	DS2, Original Hole	4,540	4,552	4			8/1/2005
11	D1, Original Hole	4,616	4,623	4			8/1/2005
10	C, Original Hole	4,770	4,775	4			8/1/2005
9	B 5, Original Hole	4,834	4,838	4			8/1/2005
8	B1, Original Hole	4,862	4,866	4			8/1/2005
7	A1, Original Hole	4,998	5,008	4			8/1/2005
6	LODC, Original Hole	5,106	5,113	4			8/1/2005
5	LODC, Original Hole	5,134	5,204	2			8/1/2005
4	LODC, Original Hole	5,250	5,263	4			8/1/2005
3	LODC, Original Hole	5,302	5,310	4			8/1/2005
2	LODC, Original Hole	5,424	5,430	4			8/1/2005
1	LODC, Original Hole	5,436	5,446	4			8/1/2005

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
1							

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-66185
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: Newfield Production Company		8. WELL NAME and NUMBER: Ashley Fed 2-23-9-15
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		9. API NUMBER: 43013327350000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 754 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 23 Township: 9S Range: 15E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
STATE: UTAH		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/14/2019	<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"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 02/11/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/14/2019 the casing was pressured up to 1017 psig and charted for 15 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1895 psig during the test. There was a State representative available to witness the test - Orlan Wallace.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 22, 2019		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A	DATE 2/19/2019	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company

Rt 3 Box 3630

Myton, UT 84052

435.646.3721

UDOGM Witness: ORLAN WALLACEDate: 2-14-19 Time: 11:17 am pmTest Conducted By: EVERETT UNRUH

Others Present: _____

Well Name: <u>ASHLEY FEDERAL 2-23-9-15</u>			
Field: <u>MONUMENT BUTTE</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>NWNE</u> Sec: <u>23</u>	T <u>9</u>	N/S <u>15</u>	R <u>15</u> <u>E</u> /W
Operator: <u>ENCANA</u>		API # <u>43-013-32735</u>	
Last MIT: <u>3 / 18 / 2014</u>		Maximum Allowable Pressure: <u>2000</u> psig	

Is this a regular 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: 46 bpd

Pre-test casing / tubing annulus pressure:

0 / 1891 psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure		<u>1891</u> psig	psig
End of test pressure		<u>1895</u> psig	psig
CASING / TUBING		ANNULUS PRESSURE	
0 minutes		<u>1023.2</u> psig	psig
5 minutes		<u>1021.6</u> psig	psig
10 minutes		<u>1019.2</u> psig	psig
15 minutes		<u>1017.0</u> psig	psig
20 minutes		psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	{ } Fail	{ } Pass { } Fail

Does the annulus pressure build back up after test?

{ } Yes

☒ No

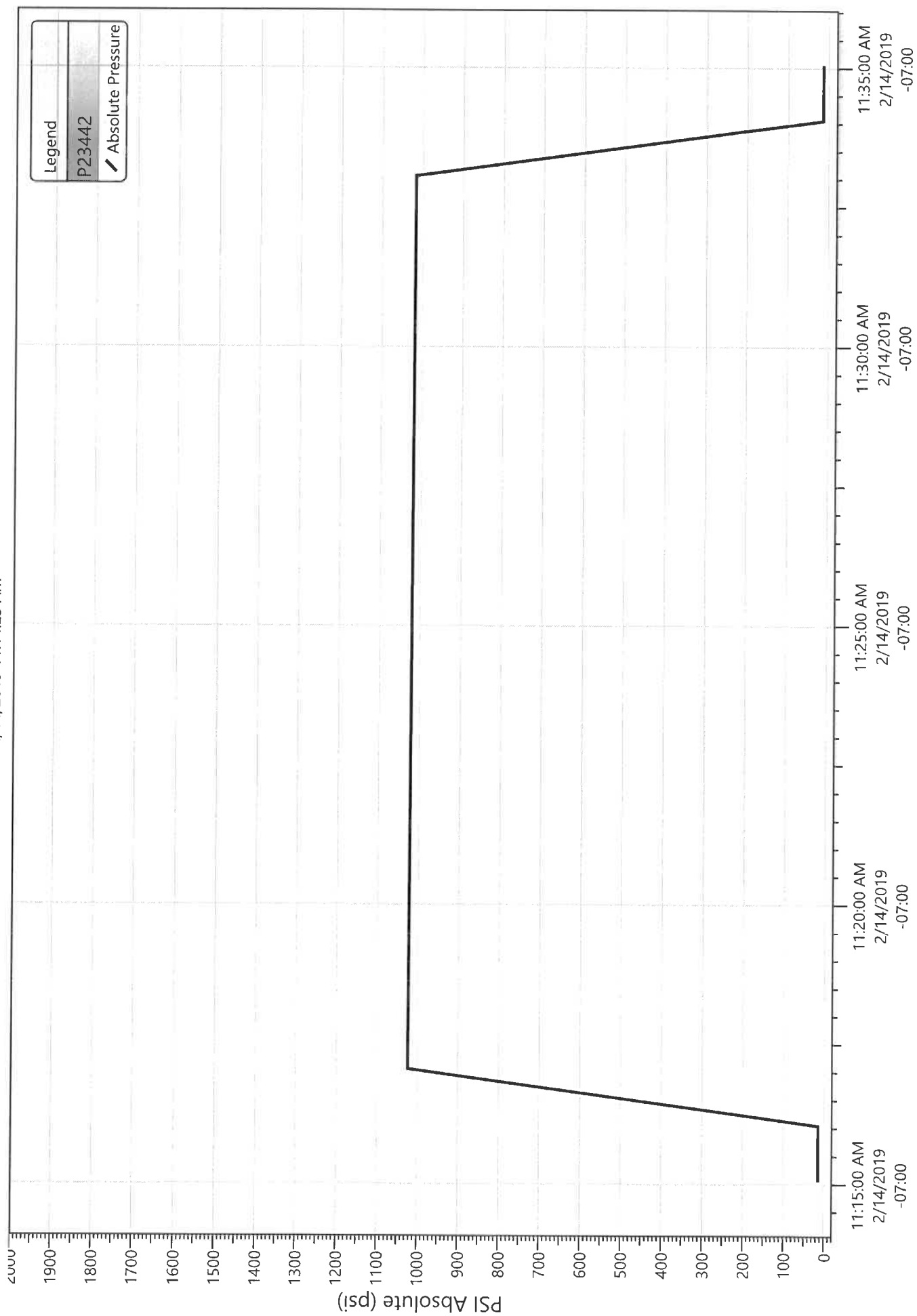
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Signature of Person Conducting Test: _____

Ashley Federal 2-23-9-15 (2/14/2019, 5 yr. MIT)

2/14/2019 11:14:23 AM



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

Effective Date: 1/24/2020

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

WELL INFORMATION:

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

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

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

3/16/2020

3/16/2020

755627-0143

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on:

Reports current for Production/Disposition & Sundries:

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

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

Surface Facility(s) included in operator change:

9/2/2020

1/14/2021

12/21/2020

3/25/2020

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

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:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

4 Waterway Square Place St. CITY The Woodlands

STATE TX

ZIP 77380

PHONE NUMBER:

(435) 646-4936

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 Oviniv Production Inc. Attached is a list of all wells wells that will be operated under Oviniv Production Inc effective January 24, 2020.

PREVIOUS NAME:

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

NEW NAME:

Oviniv 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

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:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

4 Waterway Square Place St. CITY The Woodlands

STATE TX

ZIP 77380

PHONE NUMBER:

(435) 646-4936

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

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

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

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

PREVIOUS NAME:

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

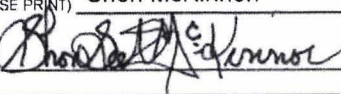
NEW NAME:

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

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE



DATE 3/16/2020

(This space for State use only)



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


UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT


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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

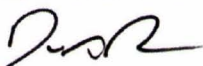
Company: <u>Newfield Production Company</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

NEW OPERATOR

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

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

Effective Date: 7/1/2021

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

WELL INFORMATION:

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

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021
Reports current for Production/Disposition & Sundries: 9/22/2021
OPS/SIT/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:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

Ovintiv Production, Inc.

3. ADDRESS OF OPERATOR:

4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:

(281) 210-5100

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: 7/1/2021	<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 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



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

Company: <u>Ovintiv Production, Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

NEW OPERATOR

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

(This space for State use only) Approved by the
Utah Division of
Oil, Gas and Mining

[Signature]
Oct 04, 2021

☐ EPA approval required

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

Effective Date: 9/1/2022

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
2. NAME OF OPERATOR: Scout Energy Management, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A	8. WELL NAME and NUMBER: See attached Exhibit A
PHONE NUMBER: (972) 325-1096	9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
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: 9/1/2022	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:			

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 Orintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

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

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

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

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

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

(This space for State use only)

APPROVED

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



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

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

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

NEW OPERATOR

Company: Scout Energy Management LLC
Address: 13800 Montford Road, Suite 100
city Dallas state TX zip 75240
Phone: 972-325-1027
Comments: Change of operator effective 9/1/2022

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

(This space for State use only)

[Signature]

☐ EPA approval required

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185
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 TRIBAL, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: Ashley Fed 2-23-9-15
2. NAME OF OPERATOR: Scout Energy Management, LLC		9. API NUMBER: 43013327350000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240		PHONE NUMBER: 972-277-1397
4. LOCATION OF WELL FOOTAGES AT SURFACE: 754 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 23 Township: 9S Range: 15E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/13/2023 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <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 checked="" 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 </div> <div style="width: 33%;"> <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 </div> <div style="width: 33%;"> <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 </div> </div> <div style="text-align: right; margin-top: 10px;"> OTHER: <input style="width: 100px;" type="text" value="MIT"/> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. An updated 5 YR MIT was performed on the above listed well. On 9/13/23 the casing was pressured up to 1076 PSIG and charted for 30 minutes with no pressure loss. The tubing was 725 PSIG during the test. A State representative, was not present during testing. With this passing test we will be returning this well to injection right away.		
<div style="text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) September 21, 2023 </div>		
NAME (PLEASE PRINT) Danene Harvey		PHONE NUMBER 972-325-1114
SIGNATURE N/A		TITLE Sr. Regulatory Analyst DATE 9/20/2023

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Scout EP
1820 W Highway 40
Roosevelt, UT 84066
435.352.6282

Witness _____ Date: 9-13-2023 Time: 10:45 am pm
Test Conducted By: Justin Dahlberg
Others Present: _____ 43-013-32735

Well Name: <u>Ashley Federal 2-23-9-15</u>			
Field: <u>Greater Monument Butte</u>		County: <u>Duchesne</u>	State: <u>Utah</u>
Location: <u>2</u>	Sec: <u>23</u>	T <u>9</u> N <u>10</u> R <u>15</u>	D/W
Operator: <u>Scout</u>			
Last MI: <u>/ /</u>		Maximum Allowable Pressure: <u>2000</u> psig	

Is this a regular scheduled test? ☒ Yes ☐ No
Initial Test for Permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injection during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing / tubing annulus pressure: _____ 0 / 724 _____ psig

MIT DATA TABLE		Test #1	Test #2
TUBING PRESSURE			
Initial Pressure	<u>724</u>	psig	psig
End of test pressure	<u>725</u>	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1076</u>	psig	psig
5 minutes	<u>1076</u>	psig	psig
10 minutes	<u>1077</u>	psig	psig
15 minutes	<u>1075</u>	psig	psig
20 minutes	<u>1074</u>	psig	psig
25 minutes	<u>1073</u>	psig	psig
30 minutes	<u>1073</u>	psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT <input 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: _____

Signature of Person Conducting Test: Justin Dahlberg

Ashley 2-23-9-15
9/13/2023 10:20:24 AM

Legend

P23451

Pressure

