



August 24, 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: Jonah Federal 9-14-9-16 and 10-14-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 10-14-9-16 is an Exception Location. I have contacted our Land Department in the Denver office and they will be providing you with the appropriate Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,


Lana Nebeker
Production Clerk

enclosures

RECEIVED
AUG 25 2004
DIV. OF OIL, GAS & MINING

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. **47**
UTU-096562

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

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

8. Lease Name and Well No.
Jonah Federal 10-14-9-16

9. API Well No.
43-013-32662

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/SE Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Inland Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/SE 1730' FSL 1820' FEL **578251X 40.02853**
At proposed prod. zone **4431117Y - 110.08293**

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 410' f/lse, 1730' f/unit

16. No. of Acres in lease
840.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,367'

19. Proposed Depth
6500'

20. BLM/BIA Bond No. on file
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5607' GL

22. Approximate date work will start*
1st 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 *Lana Nebeker* Name (Printed/Typed) Lana Nebeker Date **8/24/04**

Title Production Clerk

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) **BRADLEY G. HILL** Date **08-27-04**

Title **ENVIRONMENTAL SCIENTIST III**

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

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

*(Instructions on reverse)

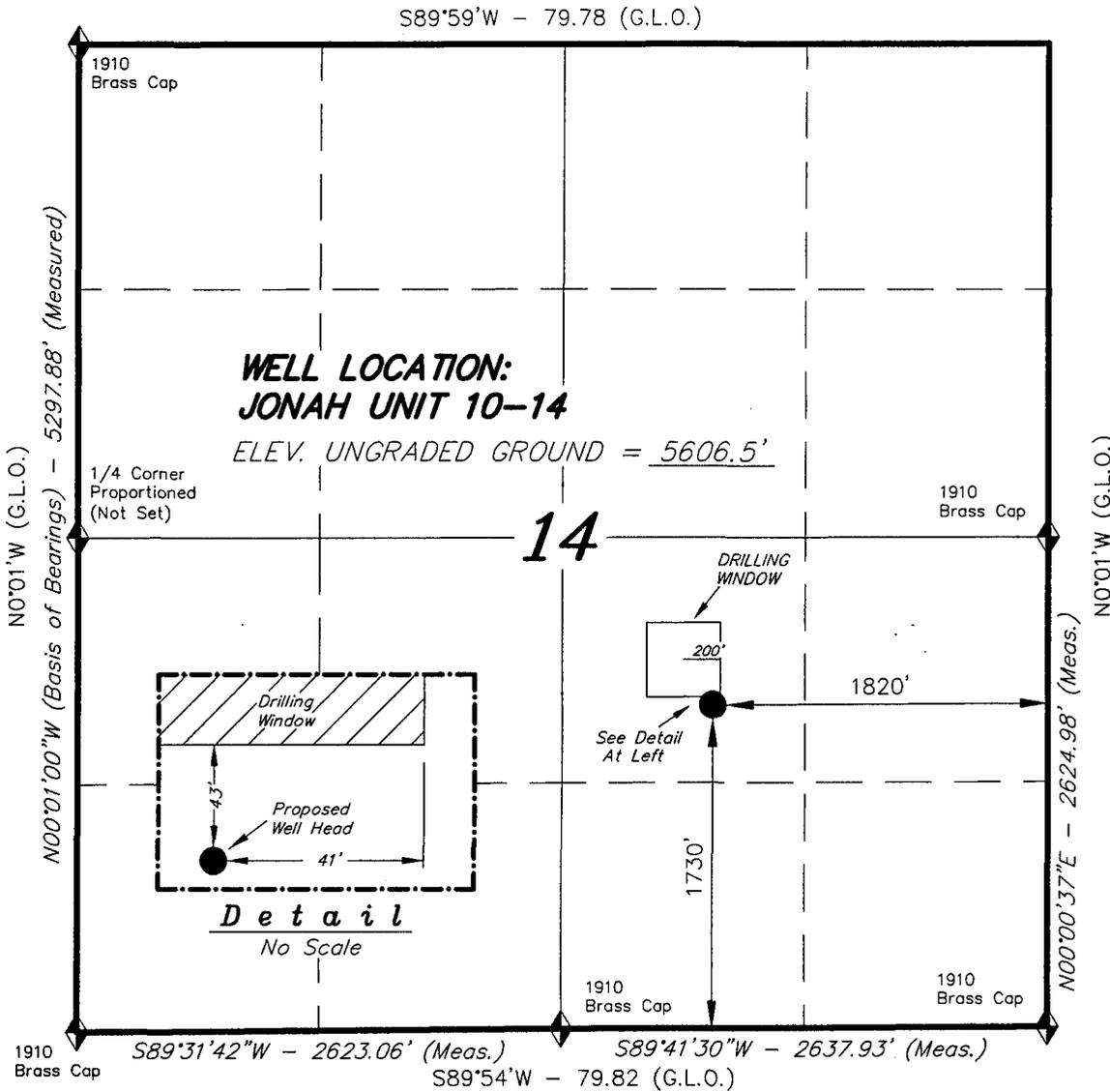
Federal Approval of this
Action is Necessary

RECEIVED
AUG 25 2004
DIV. OF OIL, GAS & MINING

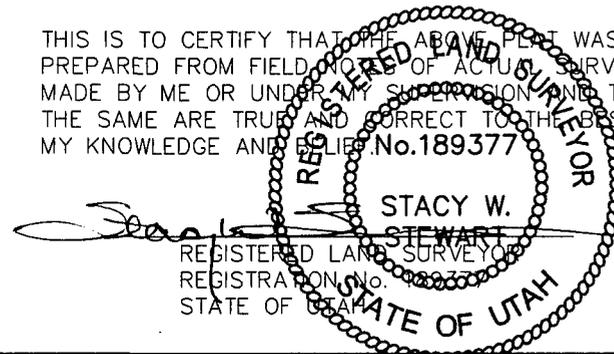
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 10-14,
 LOCATED AS SHOWN IN THE NW 1/4 SE
 1/4 OF SECTION 14, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 7-9-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

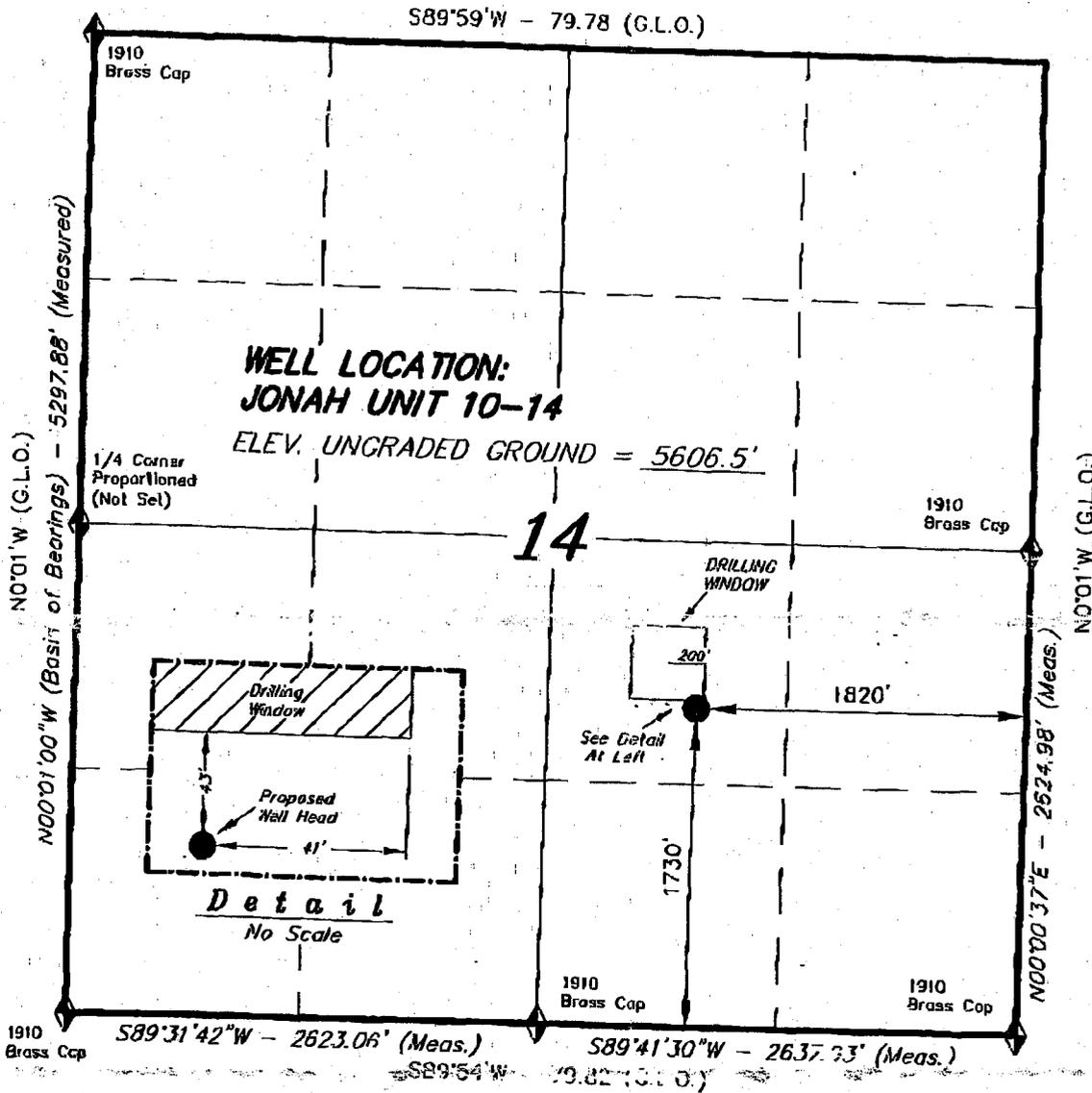
◆ = SECTION CORNERS LOCATED

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

T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 10-14,
 LOCATED AS SHOWN IN THE NW 1/4 SE
 1/4 OF SECTION 14, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 7-9-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

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

INLAND PRODUCTION COMPANY
JONAH FEDERAL #10-14-9-16
NW/SE SECTION 14, T9S, R16E
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	1640'
Wasatch	5975'

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

Green River Formation 1640' – 6500' - 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 2000 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.

INLAND PRODUCTION COMPANY
JONAH FEDERAL #10-14-9-16
NW/SE SECTION 14 T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Jonah Federal #10-14-9-16 located in the NW 1/4 SE 1/4 Section 14, T9S, R16E, 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 southeasterly along Hwy 53 - 12.6 miles \pm to its junction with an existing road to the southwest; proceed southwesterly - 2.4 miles \pm to its junction with an existing road to the south; proceed in a southeasterly direction and then in a southwesterly direction - 1.0 miles \pm to its junction with an existing road to the southwest; proceed in a southwesterly direction - 0.9 \pm to its junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 4140' \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

11. **OTHER ADDITIONAL INFORMATION**

12.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03: Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #10-14-9-16 Inland Production Company requests 165' of disturbed area be granted in Lease UTU-75039, 2330' of disturbed area be granted in Lease UTU-64805, and 1645' of disturbed area be granted in Lease UTU-096550 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.

Inland Production Company requests 165' of disturbed area be granted in Lease UTU-75039, 2330' of disturbed area be granted in Lease UTU-64805, 1645' of disturbed area be granted in Lease UTU-096550 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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 Inland's secondary recovery project.

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

Reserve Pit Liner

A 12 mil liner will be required at the operators own discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Gradeners Salt Bush	<i>Atriplex Gardneri</i>	4 lbs/acre
Crested Wheat Grass		4 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #10-14-9-16 was on-sited on 3/25/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear at 55 degrees.

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

Representative

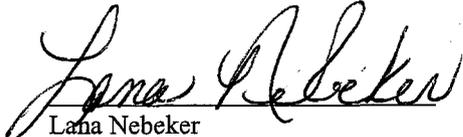
Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #10-14-9-16 NW/SE Section 14, Township 9S, Range 16E: Lease UTU-096550 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 Inland 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.

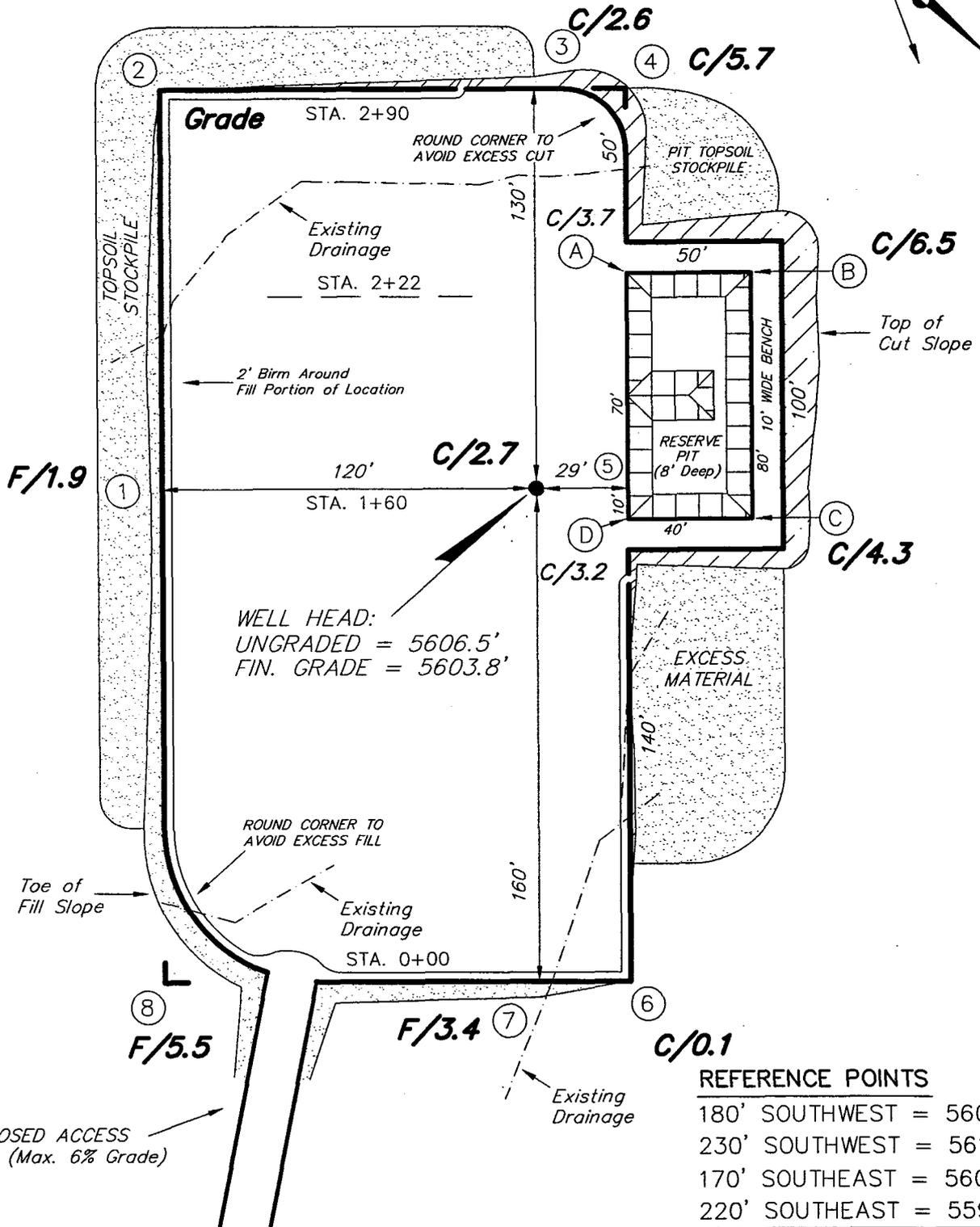
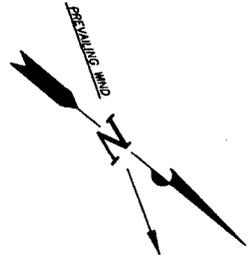
8/24/04
Date


Lana Nebeker
Production Clerk

INLAND PRODUCTION COMPANY

JONAH UNIT 10-14

Section 14, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

- 180' SOUTHWEST = 5608.3'
- 230' SOUTHWEST = 5612.0'
- 170' SOUTHEAST = 5600.1'
- 220' SOUTHEAST = 5598.3'

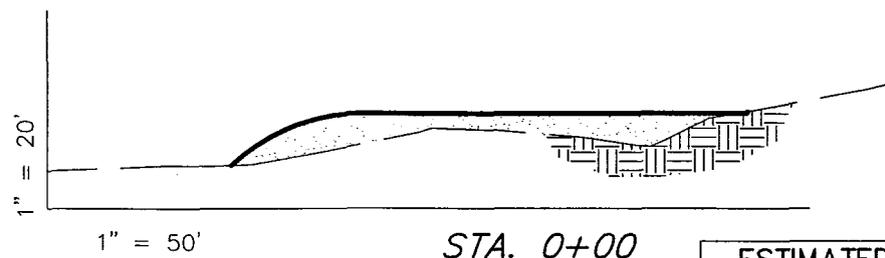
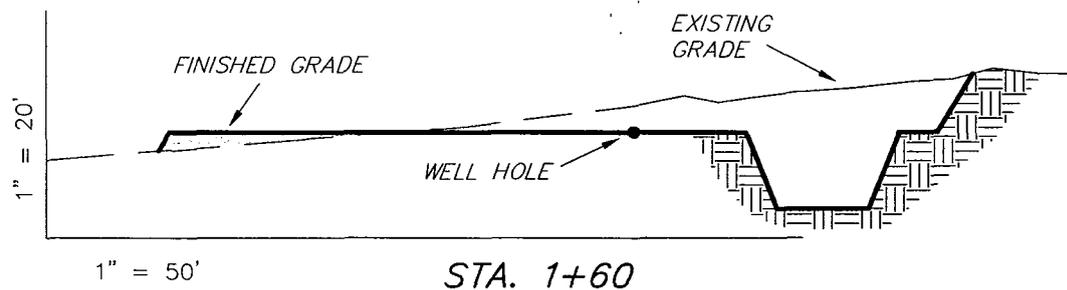
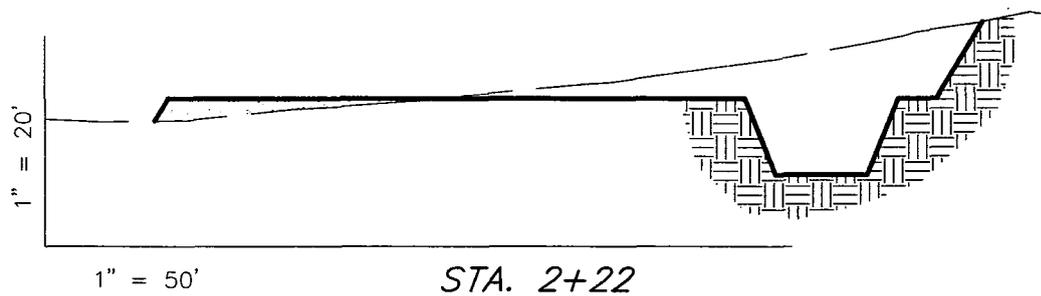
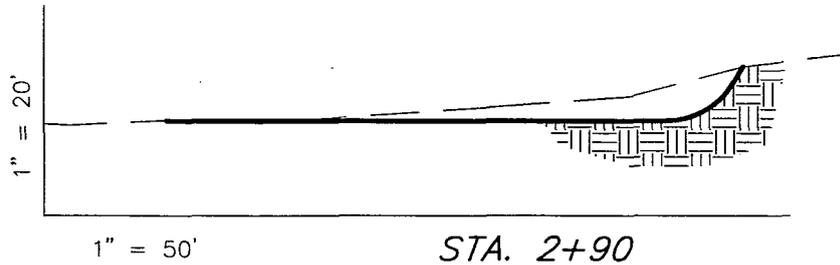
SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 7-14-04

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

INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT 10-14



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	1,910	1,910	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,550	1,910	890	640

SURVEYED BY: D.J.S.

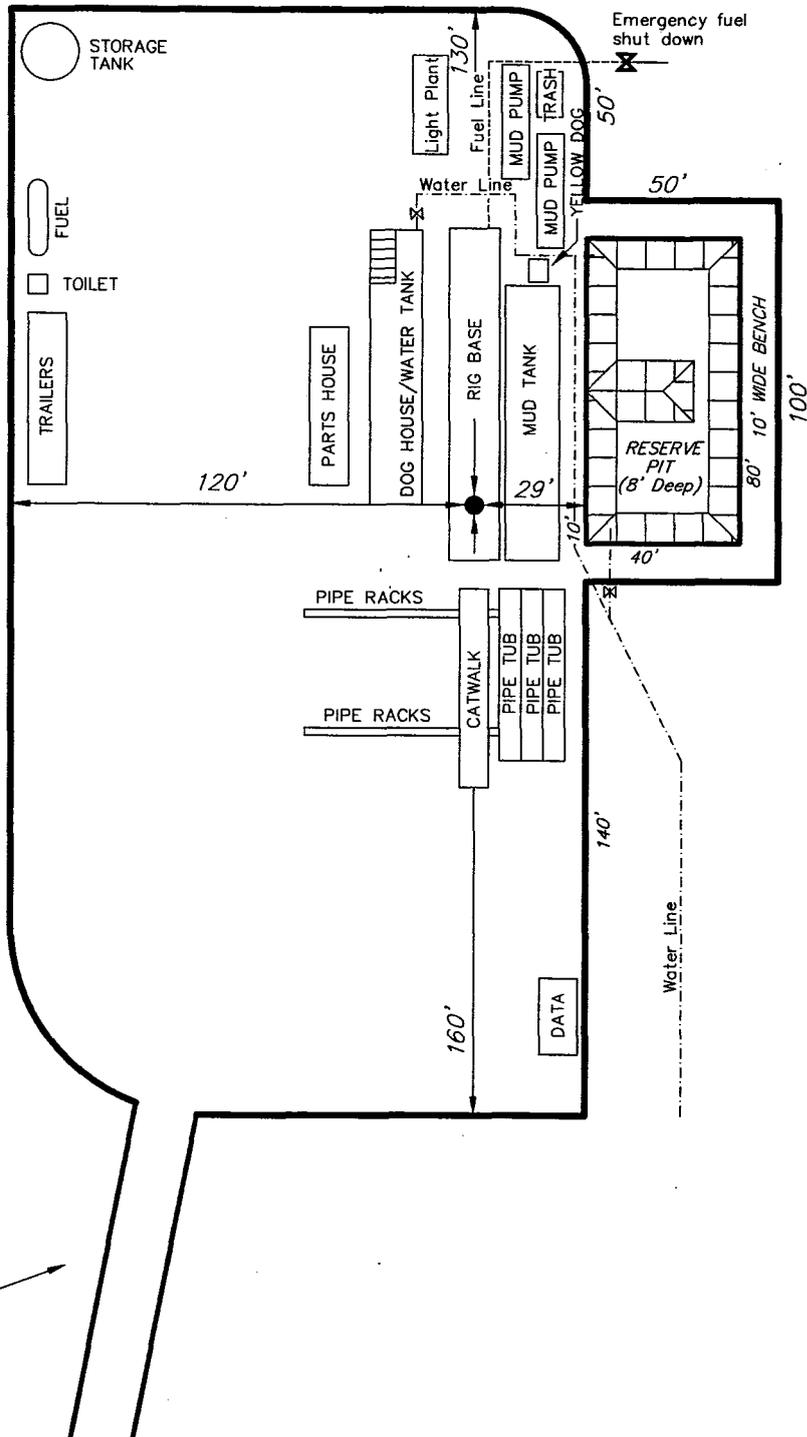
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-14-04

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

INLAND PRODUCTION COMPANY
TYPICAL RIG LAYOUT
JONAH UNIT 10-14



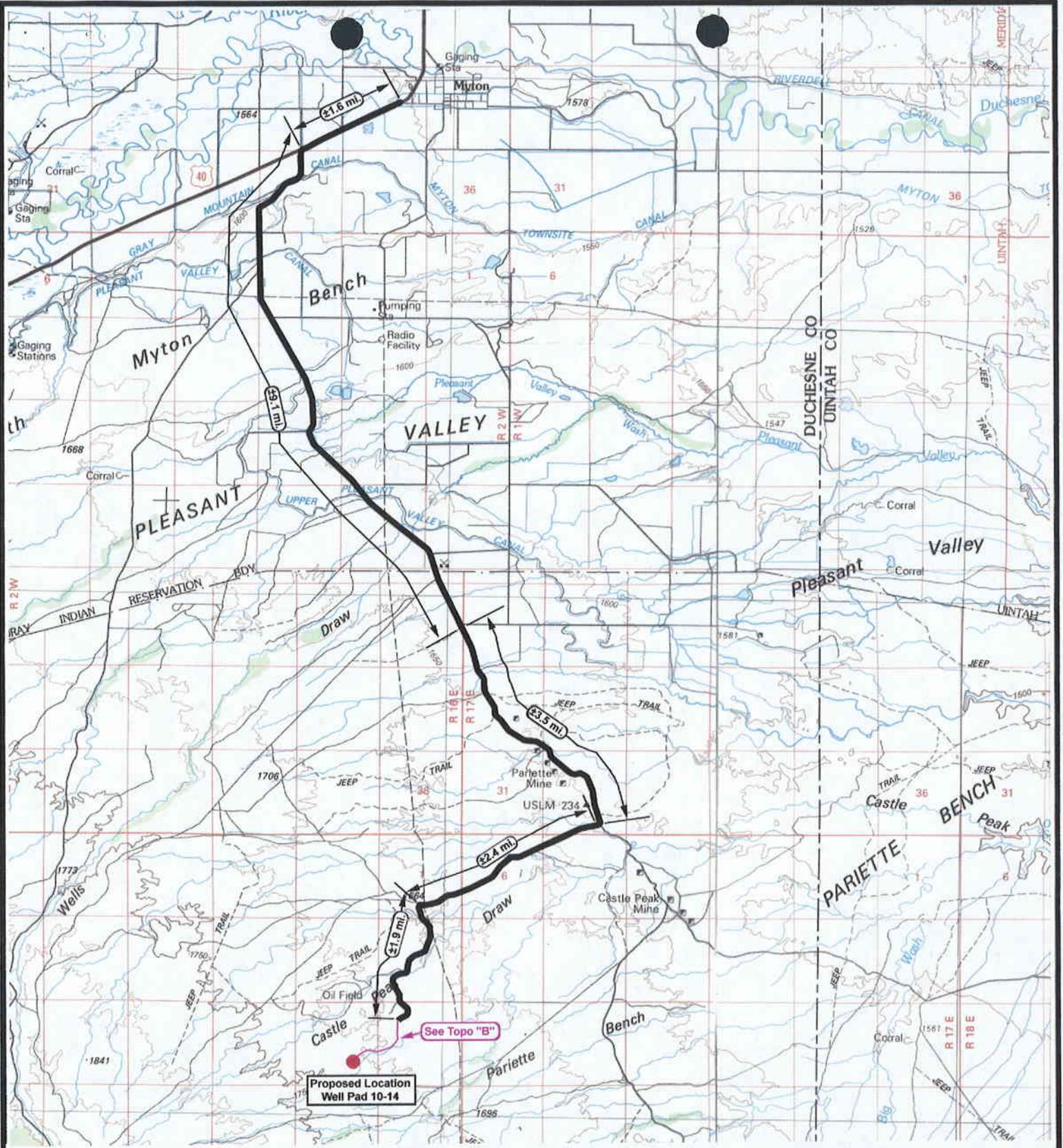
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-14-04

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



**Jonah Unit 10-14-9-16
SEC. 13, T9S, R16E, S.L.B.&M.**

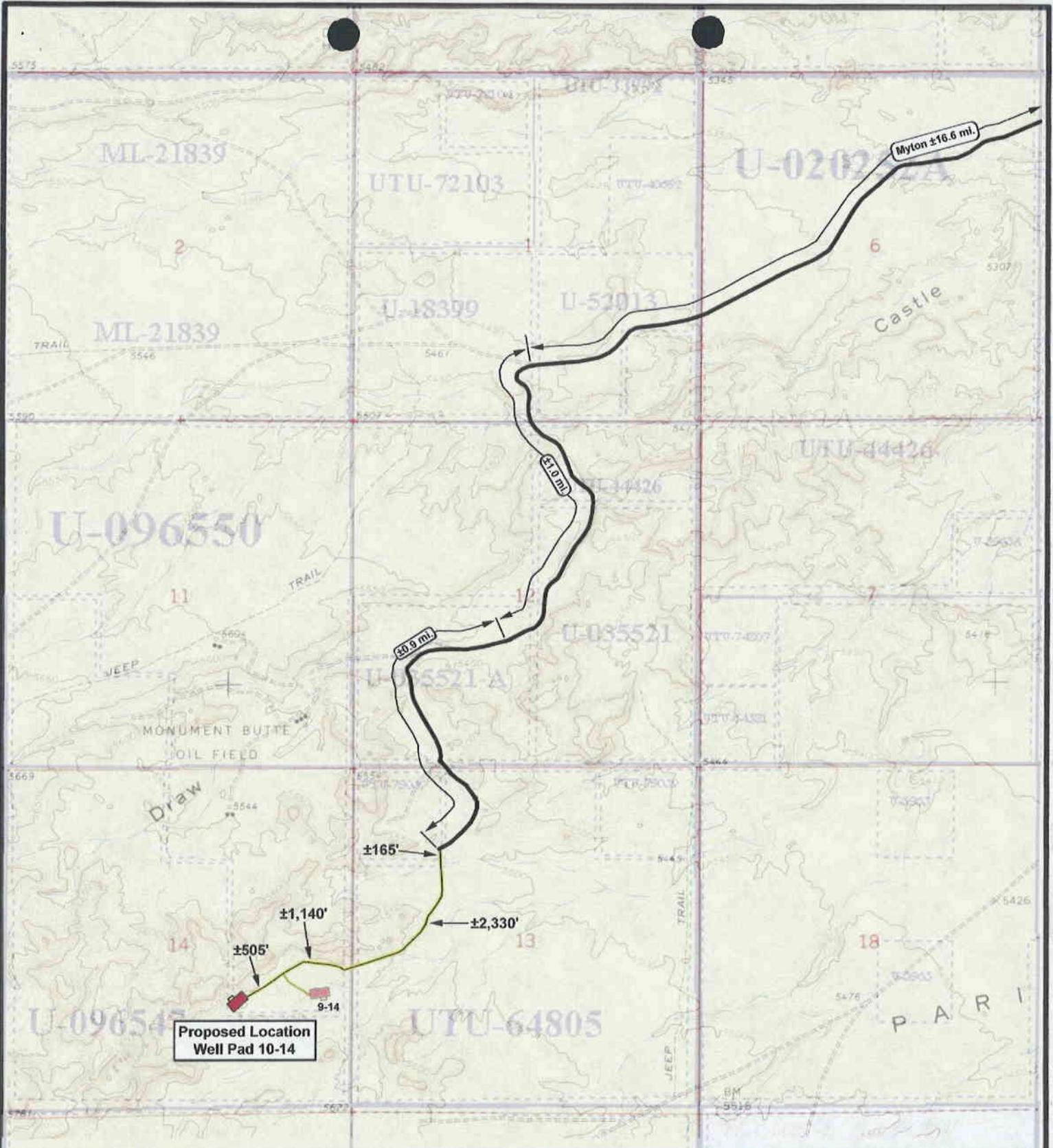


**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: bgm
DATE: 07-15-2004

- Legend**
- Existing Road
 - Proposed Access

**TOPOGRAPHIC MAP
"A"**



**Junah Unit 10-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.**

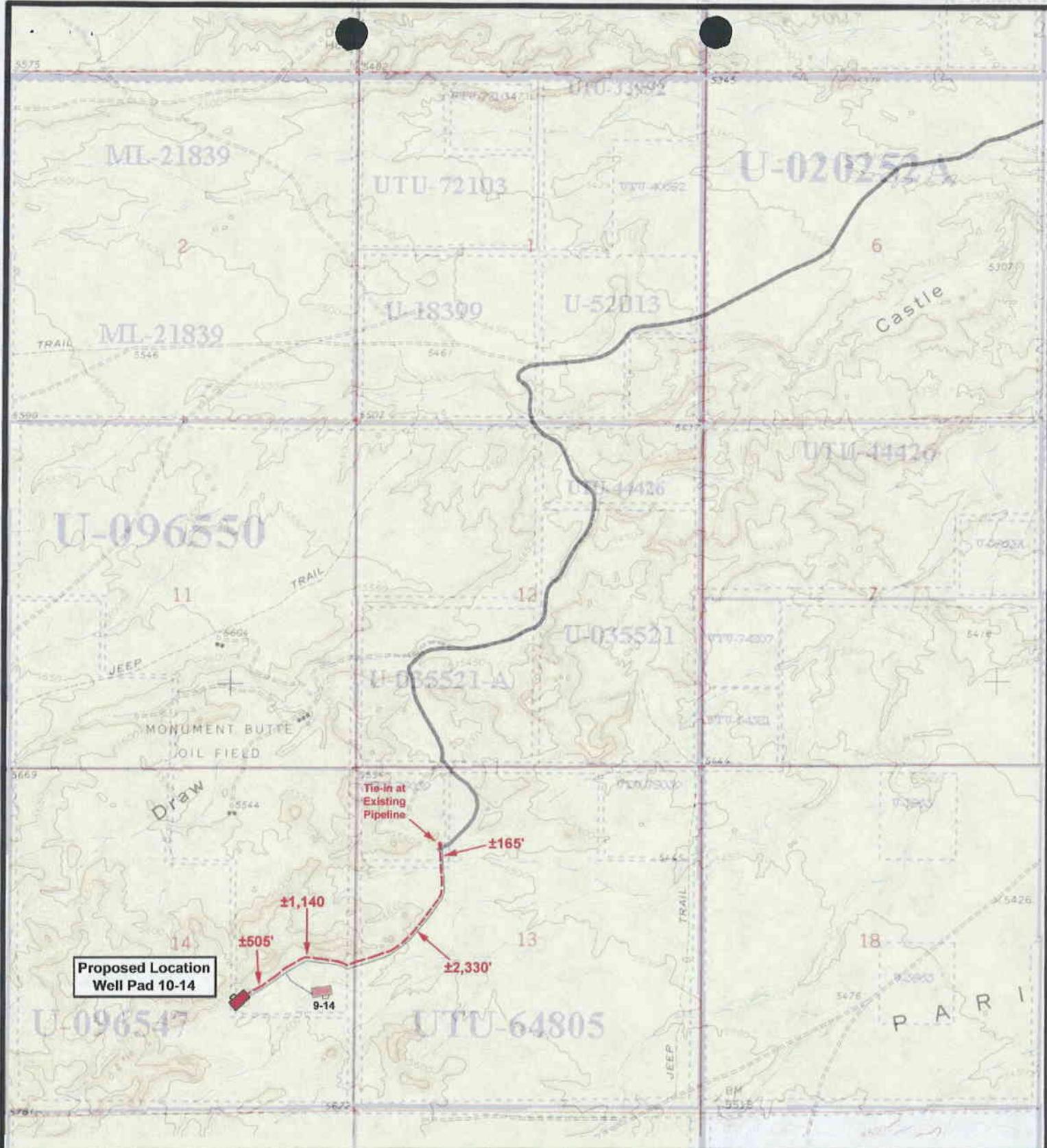


**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 08-20-2004

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP
"B"



Proposed Location
Well Pad 10-14

9-14



Junah Unit 10-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.

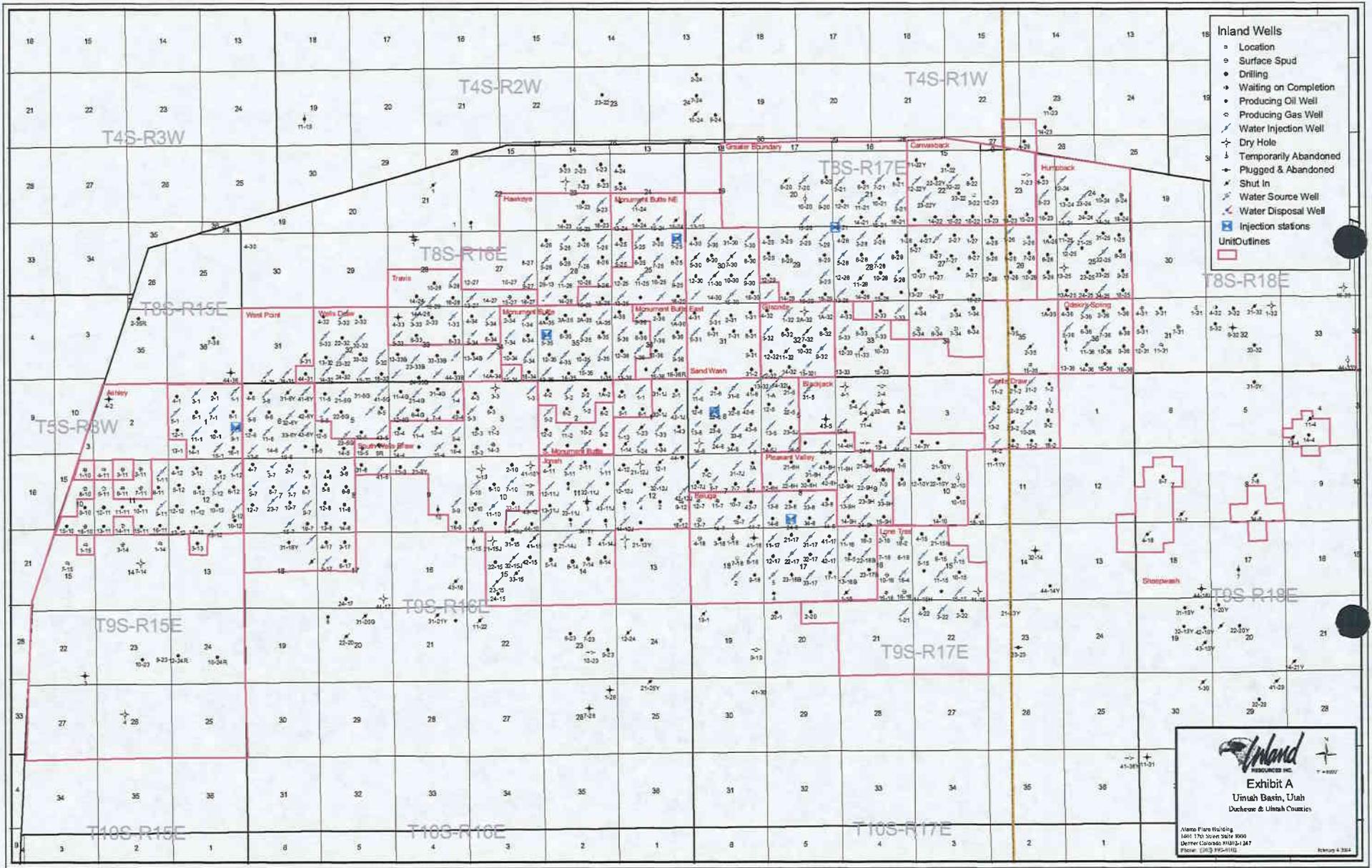


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 08-20-2004

Legend	
	Roads
	Proposed Gas Line

TOPOGRAPHIC MAP
"C"



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


Exhibit A
 Unruh Basin, Utah
 Duchesne & Unruh Counties

Alamo Flare Holding
 1401 17th Street Suite 800
 Denver Colorado 80202-1247
 Phone: (303) 955-1112

February 4, 2004

2-M SYSTEM

Blowout Prevention Equipment Systems

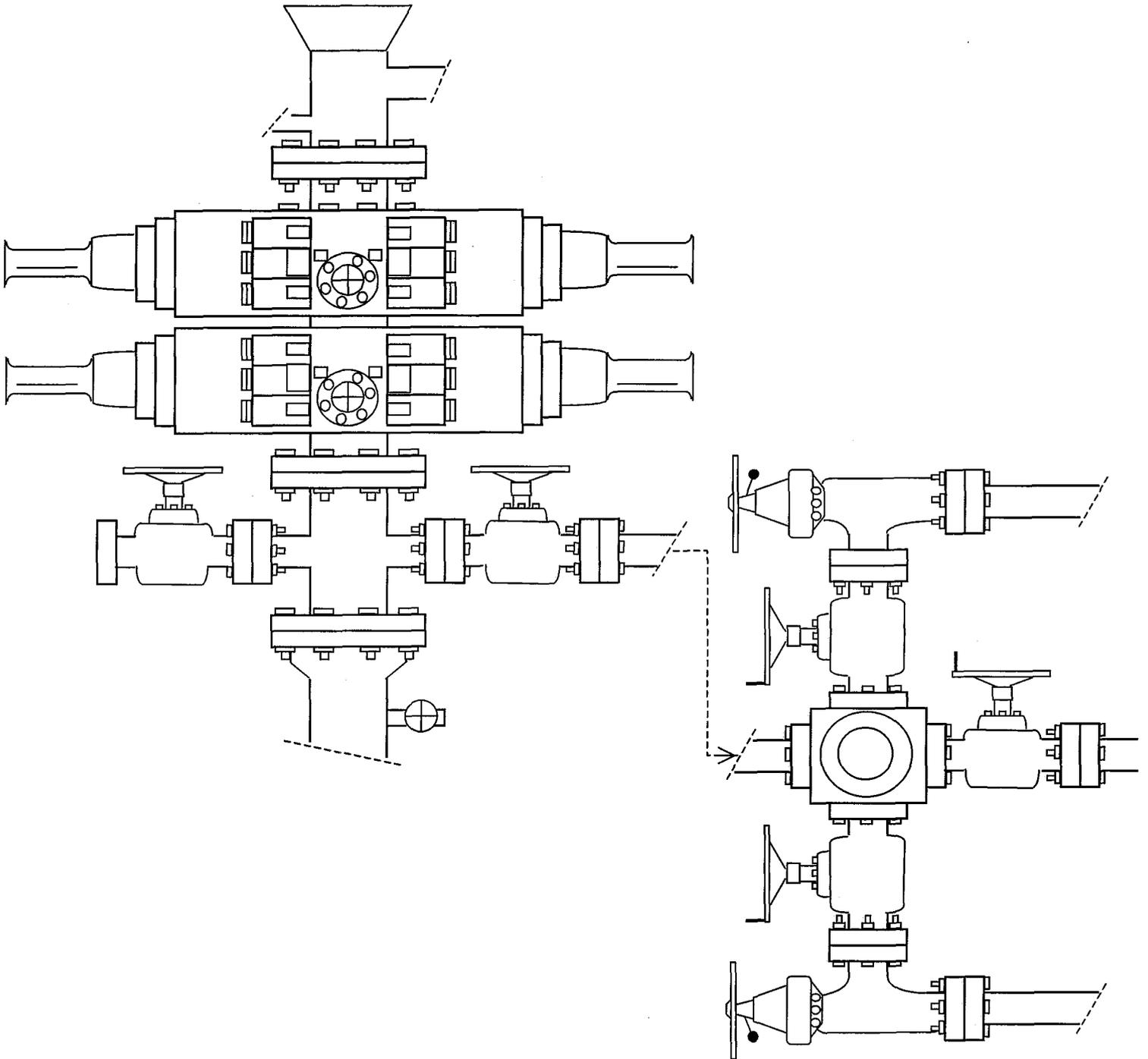


EXHIBIT C

Exhibit "D"
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

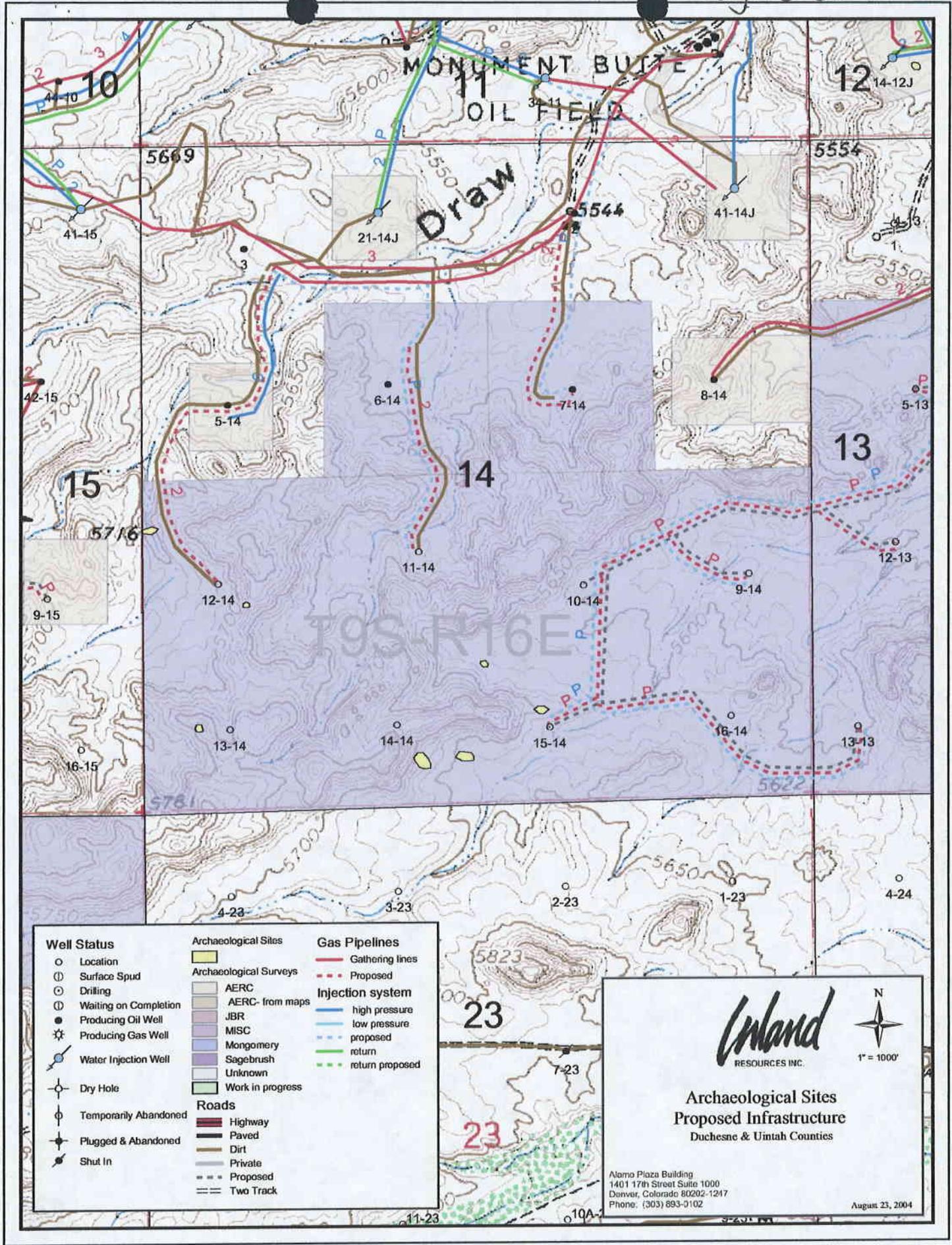
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

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

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b



Well Status	Archaeological Sites	Gas Pipelines
○ Location	Archaeological Sites	— Gathering lines
① Surface Spud	Archaeological Surveys	- - - Proposed
② Drilling	AERC	— high pressure
③ Waiting on Completion	AERC- from maps	— low pressure
● Producing Oil Well	JBR	- - - proposed
⊗ Producing Gas Well	MISC	— return
⊕ Water Injection Well	Mongomery	- - - return proposed
⊖ Dry Hole	Sagebrush	
⊕ Temporarily Abandoned	Unknown	
⊖ Plugged & Abandoned	Work in progress	
⊖ Shut In	Roads	
	— Highway	
	— Paved	
	— Dirt	
	— Private	
	- - - Proposed	
	== Two Track	



Inland
RESOURCES INC.

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

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1217
Phone: (303) 893-0102

August 23, 2004

INLAND RESOURCES, INC.

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

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 &
SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South 1/2 Sec. 14
T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

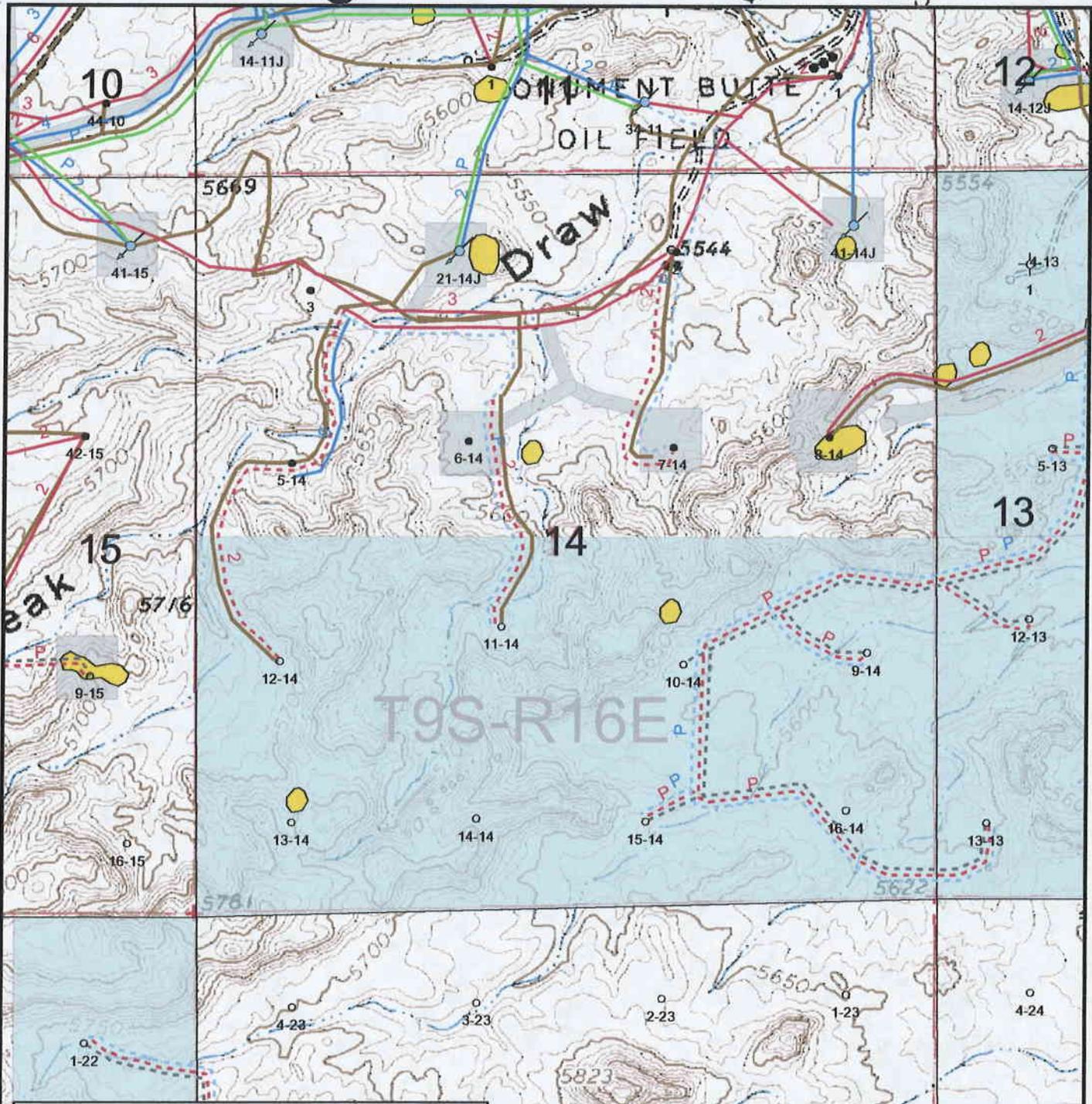
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
January 8, 2004



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




1" = 1000'

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

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

August 23, 2004

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/25/2004

API NO. ASSIGNED: 43-013-32662

WELL NAME: JONAH FED 10-14-9-16
OPERATOR: INLAND PRODUCTION (N5160)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 14 090S 160E
SURFACE: 1730 FSL 1820 FEL
BOTTOM: 1730 FSL 1820 FEL
DUCHESNE
MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
LEASE NUMBER: ⁴⁷ UTU-0965~~80~~
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: GRRV
COALBED METHANE WELL? NO

LATITUDE: 40.02853
LONGITUDE: -110.0829

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:

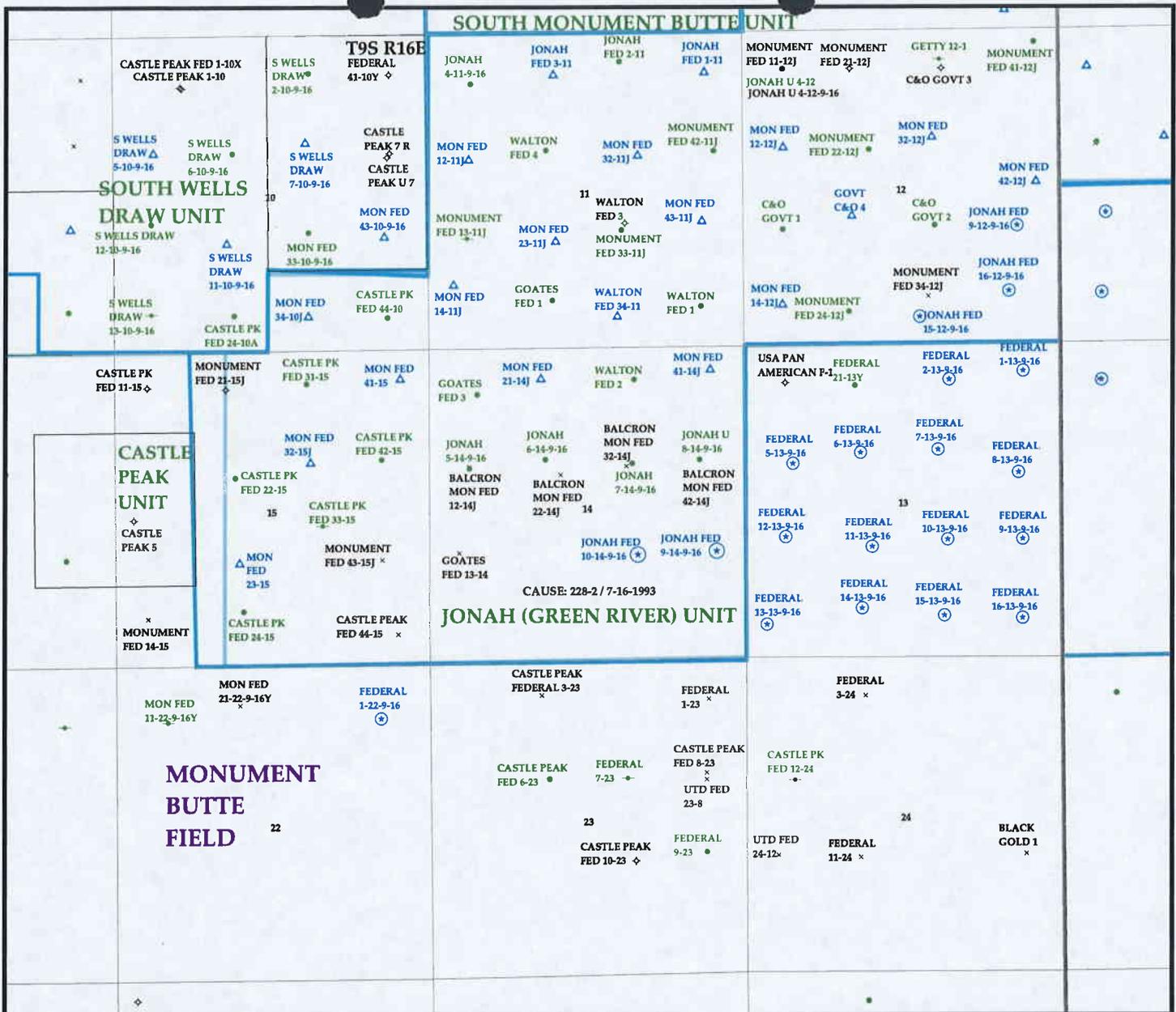
- _____ R649-2-3.
- Unit JONAH (GREEN RIVER)
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: 460' fr u bdr & 920' fr other wells.
- _____ R649-3-11. Directional Drill

COMMENTS:

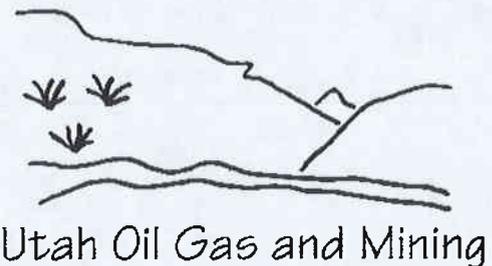
Sup. Separate file

STIPULATIONS:

1- Federal Approval



OPERATOR: INLAND PRODUCTION CO (N5160)
SEC. 14 T.9S R.16E
FIELD: MONUMENT BUTTE (105)
COUNTY: DUCHESNE
CAUSE: 228-2 / 7-16-1993



- | | | |
|-----------------------|------------------|-------------------|
| Wells | Units.shp | Fields.shp |
| ♣ GAS INJECTION | □ EXPLORATORY | □ ABANDONED |
| ⊕ GAS STORAGE | □ GAS STORAGE | □ ACTIVE |
| × LOCATION ABANDONED | □ NF PP OIL | □ COMBINED |
| ⊕ NEW LOCATION | □ NF SECONDARY | □ INACTIVE |
| ◇ PLUGGED & ABANDONED | □ PENDING | □ PROPOSED |
| * PRODUCING GAS | □ PI OIL | □ STORAGE |
| ● PRODUCING OIL | □ PP GAS | □ TERMINATED |
| ⊕ SHUT-IN GAS | □ PP GEOTHERML | |
| ⊕ SHUT-IN OIL | □ PP OIL | |
| × TEMP. ABANDONED | □ SECONDARY | |
| ○ TEST WELL | □ TERMINATED | |
| △ WATER INJECTION | | |
| ◆ WATER SUPPLY | | |
| ♣ WATER DISPOSAL | | |



PREPARED BY: DIANA WHITNEY
 DATE: 27-AUG-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)

August 27, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District
 From: Michael Coulthard, Petroleum Engineer
 Subject: 2004 Plan of Development Jonah 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 Jonah Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-32661	Jonah Federal	9-14-9-16 Sec 14 T09S R16E 1785 FSL 0508 FEL
43-013-32662	Jonah Federal	10-14-9-16 Sec 14 T09S R16E 1730 FSL 1820 FEL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:8-27-04



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

NEWFIELD



September 23, 2004

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Jonah Federal 10-14-9-16
1730' FSL, 1820' FEL NWSE Sec 14-T9S-16E
Duschene Cty., Utah; Lease UTU-096547

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Inland Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced location is an exception location under Rule 649-3-2, being 43' south of the drilling window tolerance for the NWSE of Sec 14-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to extreme terrain.

Please note the location is completely within Federal lease UTU-096547. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location is owned by Newfield Production Company (f/k/a Inland Production Company).

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Laurie Deseau
Properties Administrator

RECEIVED

SEP 27 2004

DIV. OF OIL, GAS & MINING



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

September 27, 2004

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

Re: Jonah Federal 10-14-9-16 Well, 1730' FSL, 1820' FEL, NW SE, Sec. 14,
T. 9 South, R. 16 East, Duchesne County, Utah

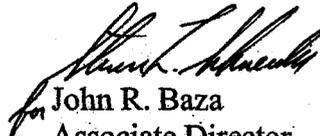
Gentlemen:

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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-013-32662.

Sincerely,


John R. Baza
Associate Director

pab
Enclosures

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

Operator: Inland Production Company

Well Name & Number Jonah Federal 10-14-9-16

API Number: 43-013-32662

Lease: UTU-096547

Location: NW SE Sec. 14 T. 9 South R. 16 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.

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

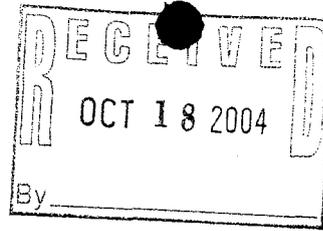
LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

008



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-096547

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

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

8. Lease Name and Well No.
Jonah Federal 10-14-9-16

9. API Well No.
43-013-32662

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/SE Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/SE 1730' FSL 1820' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 410' f/lse, 1730' f/unit

16. No. of Acres in lease
840.00

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,387'

19. Proposed Depth
6500'

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5607' GL

22. Approximate date work will start*
1st Quarter 2005

17. Spacing Unit dedicated to this well
40 Acres

20. BLM/BIA Bond No. on file
UTU0056

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 10/15/04

Title Regulatory Specialist

Approved by (Signature) *Kuan B. Leavitt* Name (Printed/Typed) Kuan B. Leavitt Date 03/25/2005

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
APR 05 2005
NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Newfield Production Company.

Well Name & Number: Jonah 10-14-9-16

Lease Number: U-096547

API Number: 43-013-32662

Location: NWSE Sec. 14 T. 9S R. 16E

Agreement: Jonah (GR) SR

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 that would entitle the applicant to conduct operations thereon.

Be aware 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.

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

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

No construction or drilling shall be allowed during the golden eagle nesting season of February 1 to July 15 without first consulting with the BLM wildlife biologist.

To reduce noise in the area, a hospital-type muffler or other similar device shall be installed on the pumping unit.

The construction of the well location shall be monitored by a certified paleontologist.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: NEWFIELD PRODUCTION COMPANYWell Name: JONAH FED 10-14-9-16Api No: 43-013-32662 Lease Type: FEDERALSection 14 Township 09S Range 16E County DUCHESNEDrilling Contractor ROSS DRILLING RIG # 24**SPUDDED:**Date 05/18/05Time 4:00 PMHow DRY**Drilling will Commence:** _____Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 05/19/2005 Signed CHD

010

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. N2895

RECEIVED

MAY 18 2005

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		
B	99999	11492	43-013-32661	Jonah Federal 9-14-9-16	NE/SE	14	9S	16E	Duchesne	5/13/2005	5/19/05
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	14707	43-013-32584	Ashley State 6-2-9-15	SE/NW	2	9S	15E	Duchesne	5/14/2005	5/19/05
WELL 2 COMMENTS: <i>GRRV</i>											
A	99999	14708	43-013-32583	Ashley State 5-2-9-15	SW/NW	2	9S	15E	Duchesne	5/17/2005	5/19/05
WELL 3 COMMENTS: <i>GRRV</i>											
B	99999	11492	43-013-32662	Jonah Federal 10-14-9-16	NW/SW	14	9S	16E	Duchesne	5/18/2005	5/19/05
WELL 4 COMMENTS: <i>GRRV</i>											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

Kebbie S. Jones
Signature

Kebbie S. Jones

Production Clerk
Title

May 18, 2005
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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)
 1730 FSL 1820 FEL
 NW/SE Section 14 T9S R16E

5. Lease Serial No.
 UTU096547

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 JONAH FEDERAL 10-14-9-16

9. API Well No.
 4301332662

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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5-22-05 MIRU NDSi Rig # 2. 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 @ 267'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5875'. 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, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5809.99' / KB. Cement with 310 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig 6:00 am on 5-26-05.

RECEIVED

JUN 02 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Ray Herrera	Title Drilling Foreman
Signature	Date 05/28/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

2" CASING SET AT 5809.99

LAST CASING 8 5/8" SET AT 314.85'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5875' LOGGER _____
 HOLE SIZE 7 7/8"

Fit cllr @ _____
 OPERATOR **Newfield Production Company**
 WELL **Jonah 10-14-9-16**
 FIELD/PROSPECT **Monument Butte**
 CONTRACTOR & RIG # **NDSI rig #2**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		short jt @ 4 3978					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5754.49
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.25
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5811.99
TOTAL LENGTH OF STRING		5811.99	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		340.58	8	CASING SET DEPTH			5809.99
TOTAL		6137.32	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6137.32	145				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		12:30 AM	5/26/2005	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		3:00 AM	5/26/2005	Bbls CMT CIRC TO SURFACE			20
BEGIN CIRC		3:15 AM	5/26/2005	RECIPROCATED PIPE FOR			THRUSTROKE
BEGIN PUMP CMT		4:20 AM	5/26/2005	DID BACK PRES. VALVE HOLD ?			yes
BEGIN DSPL. CMT		5:10 AM	5/26/2005	BUMPED PLUG TO			1965 PSI
PLUG DOWN		5:30 AM	5/26/2005				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	310	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Ray Herrera DATE May 26, 2005

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)
 1730 FSL 1820 FEL
 NW/SE Section 14 T9S R16E

5. Lease Serial No.
 UTU096547

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 JONAH FEDERAL 10-14-9-16

9. API Well No.
 4301332662

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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____
			Variance _____

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

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

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

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

DATE: 6-30-05
INITIALS: CHD

Date: 6/29/05
By: [Signature]

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Signature
[Signature]

Title
Regulatory Specialist

Date
06/27/2005

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

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 NW/SE Section 14 T9S R16E

5. Lease Serial No.
 UTU096547

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 JONAH FEDERAL 10-14-9-16

9. API Well No.
 4301332662

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Duchesne, UT

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TYPE OF SUBMISSION	TYPE OF ACTION			
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<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 recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

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

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

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mandic Crozier	Title Regulatory Specialist
Signature <i>Mandic Crozier</i>	Date 06/27/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on reverse)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
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 JONAH FEDERAL 10-14-9-16

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<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	_____

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Status report for time period 06/10/05 - 06/23/05

Subject well had completion procedures intiated in the Green River formation on 06-10-05 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5131'-5139'),(5109'-5113'); Stage #2 (4980'-5007'); Stage #3(4808'-4817'); Stage #4 (4653'-4663'); Stage #5 (3937'-3946'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 06-17-2005. Bridge plugs were drilled out and well was cleaned to 5224.60'. 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 06-23-2005.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Lana Nebeker	Title Production Clerk
Signature <i>Lana Nebeker</i>	Date 06/29/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on reverse)

RECEIVED

JUN 30 2005

(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

5. LEASE DESIGNATION AND SERIAL NO.
UTU-096547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Jonah Unit

8. FARM OR LEASE NAME, WELL NO.
Jonah Federal 10-14-9-16

2. NAME OF OPERATOR
Newfield Exploration Company

9. WELL NO.
43-013-32662

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

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface 1730' FSL & 1820' FEL (NW/SE) Sec. 14, T9S, R16E
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T9S, R16E

At total depth

14. API NO. 43-013-32662 DATE ISSUED 9/27/04
12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 5/18/05 16. DATE T.D. REACHED 5/25/05 17. DATE COMPL. (Ready to prod.) 6/23/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5607' GL 5619' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5862' 21. PLUG BACK T.D., MD & TVD 5766' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY -----> 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 3937'-5139'
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#	315'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5810'	7-7/8"	310 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5225'	TA @ 5091'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5109'-5113', 5131'-5139'	.41"	4/48	5109'-5139'	Frac w/ 40,770# 20/40 sand in 380 bbls fluid
(A3) 4980'-5007'	.41"	4/108	4980'-5007'	Frac w/ 110,559# 20/40 sand in 774 bbls fluid
(B2) 4808'-4817'	.41"	4/36	4808'-4817'	Frac w/ 40,877# 20/40 sand in 371 bbls fluid
(C) 4653'-4663'	.41"	4/40	4653'-4663'	Frac w/ 66,264# 20/40 sand in 502 bbls fluid
(GB2) 3937'-3946'	.41"	4/36	3937'-3946'	Frac w/ 29,376# 20/40 sand in 281 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
6/23/05	2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	55	22	232	400
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel
TEST WITNESSED BY
RECEIVED
JUL 26 2005

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Mandie Crozier TITLE Regulatory Specialist DATE 7/25/2005
Mandie Crozier

DIV. OF OIL, GAS & MINING

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Jonah Federal 10-14-9-16	Garden Gulch Mkr	3486'	
				Garden Gulch 1	3690'	
				Garden Gulch 2	3804'	
				Point 3 Mkr	4076'	
				X Mkr	4321'	
				Y-Mkr	4354'	
				Douglas Creek Mkr	4478'	
				BiCarbonate Mkr	4715'	
				B Limestone Mkr	4827'	
				Castle Peak	5322'	
				Basal Carbonate	5769'	
				Total Depth (LOGGERS)	5842'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
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: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH FED 10-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326620000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

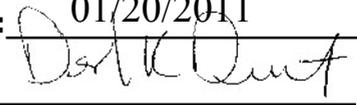
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/13/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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 checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Production Company would like to request the approval to open additional pay in the GB6 sand in the subject well in a single stage. The target intervals are [4066-4070] and [4055-4060] in the GB6 sand. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.

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

Date: 01/20/2011
By: 

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A	DATE 1/13/2011	

Newfield Production Company

10-14-9-16 Jonah

Procedure for: OAP GB6. Tubing fracs

Well Status: See attached Wellbore Diagram

AFE # [redacted] Call engineer once scheduled to AFE can be submitted

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,766**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

GB6	4066-4070	3spf	120deg phasing
GB6	4055-4060	3spf	120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,120** and test to 4,000psi. PUH with packer to +/- **4,005**
- 4 RU frac equip. Frac the **GB6** down tubing w/**50,000#** 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 7 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 8 Place SN @ ± 5158 and set TAC at ±5091' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 9 PU and RIH with a 2-1/2" x 1-3/4" x 16' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 90 x 3/4" slick rods, 99 x 3/4" guided rods, Space out with pony rods as necessary.
- 10 PWOP and track results for one month.

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303')
 DEPTH LANDED: 314.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5796.74')
 DEPTH LANDED: 5809.99' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 156 jts (5079.07')
 TUBING ANCHOR: 5091.07' KB
 NO. OF JOINTS: 2 jts (64.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5158.01' KB
 NO. OF JOINTS: 2 jts (65.04')
 TOTAL STRING LENGTH: EOT @ 5224.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rods
 SUCKER RODS: 1-8", 1-6' & 1-2' 3/4" ponies, 99- 3/4" scraped rods, 90-3/4"
 plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14 1/2" RHAC w/ SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 4.5 SPM

FRAC JOB

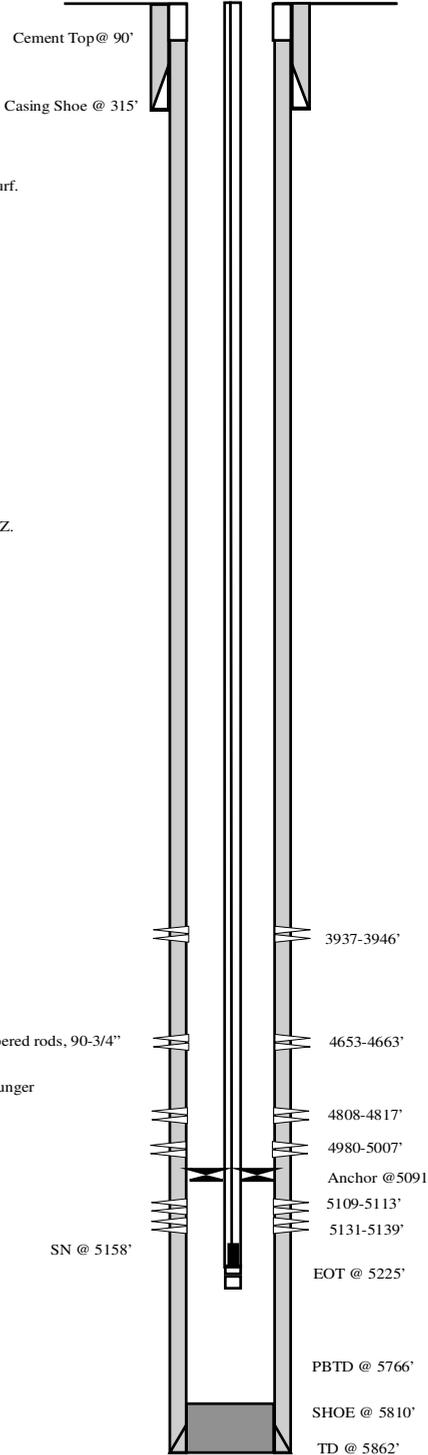
6-15-05 5109-5139' **Frac LODC sand as follows:**
 40770#'s 20/40 sand in 380 bbls Lightning
 17 frac fluid. Treated @ avg press of 3040 psi
 w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc
 flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007' **Frac A3 sand as follows:**
 110,559#'s 20/40 sand in 774 bbls Lightning
 17 frac fluid. Treated @ avg press of 1950 psi
 w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

6-16-05 4808-4817' **Frac B2, sand as follows:**
 40877#'s 20/40 sand in 371 bbls Lightning
 17 frac fluid. Treated @ avg press of 2399 psi
 w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc
 flush: 4806 gal. Actual flush: 4536 gal.

6-16-05 3937-3946' **Frac GB2 sand as follows:**
 29376#'s 20/40 sand in 281 bbls Lightning
 17 frac fluid. Treated @ avg press of 1585 psi
 w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc
 flush: 3935 gal. Actual flush: 3864 gal.

04/24/06 Pump Change. Update rod and tubing details.
 6/11/08 Pump Change. Updated rod and tubing detail



PERFORATION RECORD

6-10-05	5109-5113'	4 JSPF	16 holes
6-10-05	5131-5139'	4 JSPF	32 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-16-05	3937-3946'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes

NEWFIELD



Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547

EL 6/11/08

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-096547
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1730 FSL 1820 FEL NWSE Section 14 T9S R16E		8. Well Name and No. JONAH FEDERAL 10-14-9-16
		9. API Well No. 4301332662
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" 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 type="checkbox"/> Water Disposal		

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

The above subject well was recompleted on 12-29-10 and then placed back on production. The following perforations were added in the Green River Formation:

GB6 4066-4070' 3 JSPF 12 holes
GB6 4055-4060' 3 JSPF 15 holes

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 01/10/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED

JAN 18 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****JONAH 10-14-9-16****10/1/2010 To 2/28/2011****12/21/2010 Day: 1****Recompletion**

NC #1 on 12/21/2010 - POOH W/-Rod Prod,N/U BOP,RIH To Fill @ 5275',POOH W/-78 Jts Tbg, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, 14 Mile Rig Move. Heat Waves H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-35 BW, Seat pmp, Fill Tbg W/-5 BW, P/Test Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X2'-6'-8' Ponys, 99-3/4 4 Per, 89-3/4 Slick, 10-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, RIH W/-2 Jts Tbg Tag Fill @ 5275', POOH & L/D 2 Jts Tbg. POOH W/-78 Jts Tbg, EOT @ 2671', SWI, 4:00PM C/SDFN, 4:00-4:30PM C/Trvl. 120 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Heat Waves H/Oiler pmp 50 BW D/Csg. POOH W/-78 Jts Tbg, T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. Found Lite Scale On Tbg Last 12 Jts From Aprox 4820' To 5225'. H/Oiler pmp 15 BW D/Tbg On TOOH Due To Oil. R/U Perforators Wire Line To Run Guage Ring To 5135' & Stacked Out, Perf Zone GB6 @ 4055'-4060'-4066'-4070' W/-3 SPF, R/D Wire Line. RIH W/-4 3/4" Bit, 5 1/2" Scraper, 160 Jts Tbg, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 185 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Heat Waves H/Oiler pmp 50 BW D/Csg. POOH W/-78 Jts Tbg, T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. Found Lite Scale On Tbg Last 12 Jts From Aprox 4820' To 5225'. H/Oiler pmp 15 BW D/Tbg On TOOH Due To Oil. R/U Perforators Wire Line To Run Guage Ring To 5135' & Stacked Out, Perf Zone GB6 @ 4055'-4060'-4066'-4070' W/-3 SPF, R/D Wire Line. RIH W/-4 3/4" Bit, 5 1/2" Scraper, 160 Jts Tbg, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 185 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, 14 Mile Rig Move. Heat Waves H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-35 BW, Seat pmp, Fill Tbg W/-5 BW, P/Test Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X2'-6'-8' Ponys, 99-3/4 4 Per, 89-3/4 Slick, 10-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, RIH W/-2 Jts Tbg Tag Fill @ 5275', POOH & L/D 2 Jts Tbg. POOH W/-78 Jts Tbg, EOT @ 2671', SWI, 4:00PM C/SDFN, 4:00-4:30PM C/Trvl. 120 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$7,711**12/22/2010 Day: 3****Recompletion**

NC #1 on 12/22/2010 - RIH W/-16 Jts Tbg To Fill, Cln Out To PBTD @ 5766'.POOH W/-178 Jts Tbg,Scrper & Bit.W/Line Run Gyro Log.RIH W/Plg & Pkr,104 Jts Tbg, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-16 Tbg To Fill @ 5704', R/U RBS Pwr Swvl, Drill & C/Out To PBTD @ 5766', Curc Well Cln. R/D Swvl, POOH W-178 Jts Tbg, Scraper & Bit. R/U Wire Line Run Gyro Log.R/D Wire Line Aftr Log. P/U & RIH W/-5 1/2 TS Plg, 5 1/2 HD Pkr, 104 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 345 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$22,362**12/27/2010 Day: 4****Recompletion**

NC #1 on 12/27/2010 - RIH W/27 Jts Tbg,Set Plg For Frac @ 4120',POOH W/4 Jts Tbg,Set Pkr @ 4001',Wt On Frac Crew To R/U. SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-27 Jts Tbg, Set Plg @ 4120', POOH 4 Jts Tbg, Set Pkr @ 4001', Wt On BJ Frac Crew To Rig Up. 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$29,970

12/28/2010 Day: 5**Recompletion**

NC #1 on 12/28/2010 - Frac Zne GB6,Flow Zne Back,Curc Cln,Ret Plg,L/D N-80 Frac Strng,Pkr & Plg,RIH W/-N/C,2 Jts Tbg,S/N,122 Jts Tbg,EOT @ 4107',R/U Swab,Swab Well,Recvred 97 BW,Trce Sand, FFL @ 950',SWI,C/SDFN. - RU BJ Services. Fill casing w/ 18 bbls water & hold pressure during frac (climbed during 6 ppg to 1020 psi). Perfs broke down @ 3570 psi back to 3245 psi w/ 2 bbls @ 4 bpm. Frac w/ 46,694#'s nof 20/40 sand in 442 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2950 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 1863 w/ .89FG. RD BJ. Flow well back 2 hrs,Recvred 277 bw,Rel Pkr,curc cln,rih w/tbg to plg @ 4120',curc cln,rel plg,pooH L/D N-80 Frac Strng,pkr & plg.rih W/-N/C,2 jts tbg,s/n,2 jts tbg,5 1/2" t/a,122 jts tbg,EOT@ 4107',rih w/swab,IFL @ surf,made 10 swab runs,recvred 97 bw,Trace Sand,FFL @950',SWI,C/SDFN.

Daily Cost: \$0**Cumulative Cost:** \$65,383

12/29/2010 Day: 6**Recompletion**

NC #1 on 12/29/2010 - OWU,RIH W/-Swab,IFL @200',Made 23 Swab Runs,Sand Clned Up,Lite Trce Oil.RIH W/Tbg To Fill @ 5751',C/O To PBD @5766',POOH & Set T/A,N/U W/HD.RIH W/-Rod Production,POP, (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-S/Line IFL @ 200', Made 23 Swab Runs, Recvred 272 BW, Lite Trce Oil, Last 4 Swab Runs, Lite Trce Sand, FFL @ 1900'. R/D Swab, RIH W/-52 Jts Tbg To Fill @ 5751',R/U R/pmp, Curc Out To PBD @ 5766'. POOH W/-18 Jts Tbg, R/D Flr, N/D BOP, Set 5 1/2" T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2 1/2X1 1/2X12X16' RHAC, 6-1 1/2 Wt Bars, 10-3/4 4 Per 1 Bttm New, 89-3/4 Slick, 99-3/4 4 Per, 3/4x8'-6'-2' Ponys, 1 1/2x22' Polish Rod, Seat pmp R/U Unit, Tbg Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test, Rack Out Eq, R/D Rig, POP @ 5:30PM, 86" SL, 4 SPM,5:30PM - 6:00PM C/Trvl, 215 BWTR (Final Report). **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$78,878

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH FED 10-14-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326620000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/28/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" 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	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 06/25/2013. On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>July 18, 2013</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/2/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 6/28/13 Time 9:00 am pm

Test Conducted by: Newfield

Others Present: _____

Well: <u>Jonah Federal 10-14-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/SE Sec 14, T 9S, R 16E</u>	API No: <u>4301332662</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1175</u>	psig
5	<u>1175</u>	psig
10	<u>1175</u>	psig
15	<u>1175</u>	psig
20	<u>1175</u>	psig
25	<u>1175</u>	psig
30 min	<u>1175</u>	psig
35	<u>—</u>	psig
40	<u>—</u>	psig
45	<u>—</u>	psig
50	<u>—</u>	psig
55	<u>—</u>	psig
60 min	<u>—</u>	psig

Tubing pressure: 0 psig

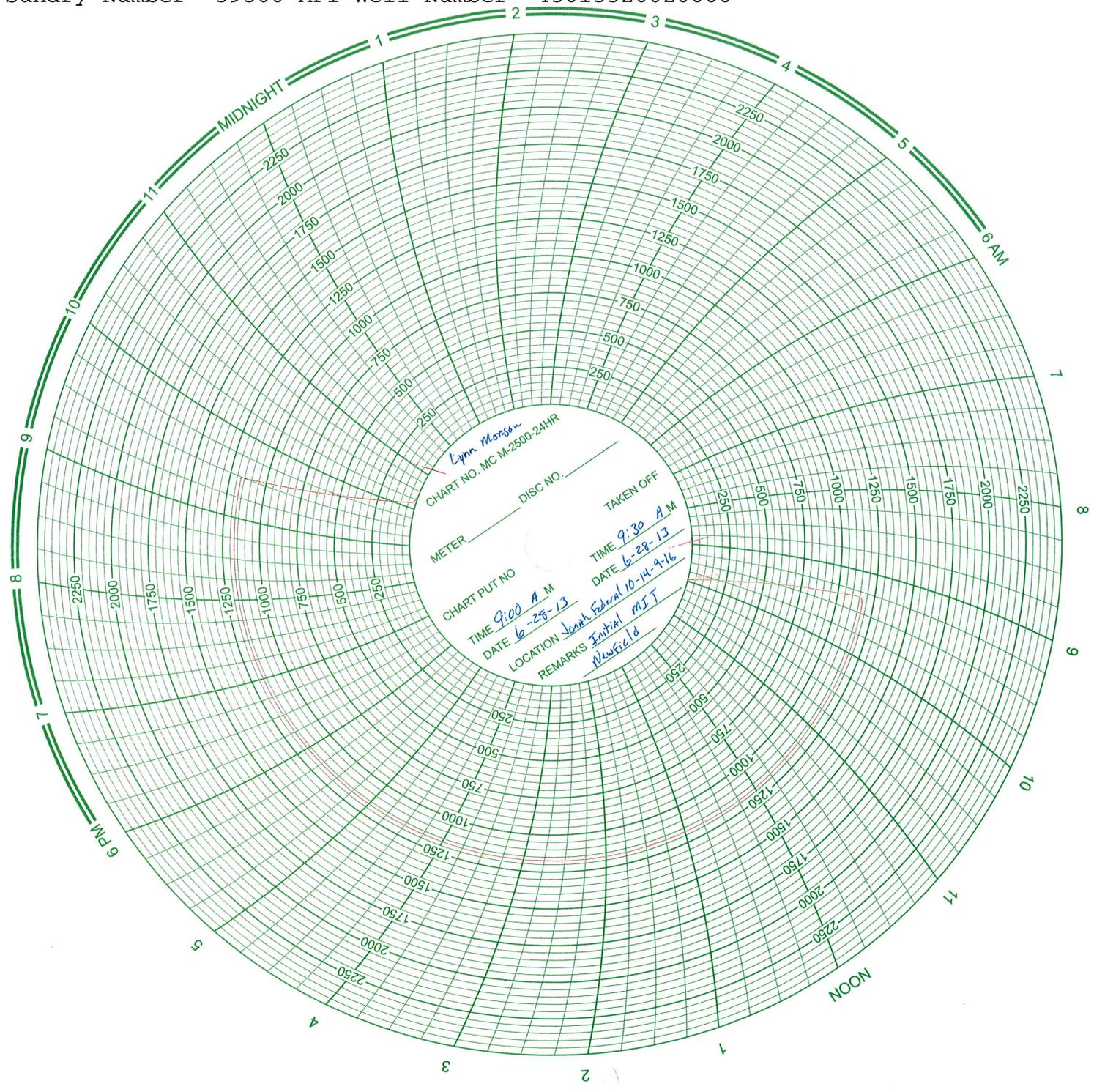
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Lynn Monson



Daily Activity Report

Format For Sundry

JONAH 10-14-9-16

4/1/2013 To 8/30/2013

6/25/2013 Day: 2

Conversion

WC #2 on 6/25/2013 - TOH breaking and doping collars - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLs PILLOW LOADED TBG W/ 15 BBLs PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLs @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLs @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLs PUMPED - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLs @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLs @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLs PUMPED - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLs PILLOW LOADED TBG W/ 15 BBLs PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLs PILLOW LOADED TBG W/ 15 BBLs PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLs @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLs @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLs PUMPED - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLs PILLOW LOADED TBG W/ 15 BBLs PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLs @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLs @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD

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Daily Cost: \$0

Cumulative Cost: \$27,573

6/26/2013 Day: 3

Conversion

WC #2 on 6/26/2013 - set pkr, psi test, ready for MIT - JSA SAFETY MEETING CIRCULATED 50 BBLs OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION - JSA SAFETY MEETING CIRCULATED 50 BBLs OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION - JSA SAFETY MEETING CIRCULATED 50 BBLs OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION

Daily Cost: \$0

Cumulative Cost: \$31,503

7/1/2013 Day: 4

Conversion

Rigless on 7/1/2013 - Conduct initial MIT - On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0

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Daily Cost: \$0

Cumulative Cost: \$63,337

Pertinent Files: [Go to File List](#)

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303')
 DEPTH LANDED: 314.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5796.74')
 DEPTH LANDED: 5809.99' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 120 jts (3904')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3916' KB
 RET HEAD AT: 3917.1'
 ARROW #1 PACKER CE AT: 3922'
 XO 2-3/8 x 2-7/8 J-55 AT: 3926.5'
 TBG PUP 2-3/8 J-55 AT: 3926.5'
 X/N NIPPLE AT: 3930.6'
 TOTAL STRING LENGTH: EOT @ 3932.17'

FRAC JOB

6-15-05 5109-5139' **Frac LODC sand as follows:**
 40770#'s 20/40 sand in 380 bbls Lightning
 17 frac fluid. Treated @ avg press of 3040 psi
 w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc
 flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007' **Frac A3 sand as follows:**
 110,559#'s 20/40 sand in 774 bbls Lightning
 17 frac fluid. Treated @ avg press of 1950 psi
 w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

6-16-05 4808-4817' **Frac B2, sand as follows:**
 40877#'s 20/40 sand in 371 bbls Lightning
 17 frac fluid. Treated @ avg press of 2399 psi
 w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc
 flush: 4806 gal. Actual flush: 4536 gal.

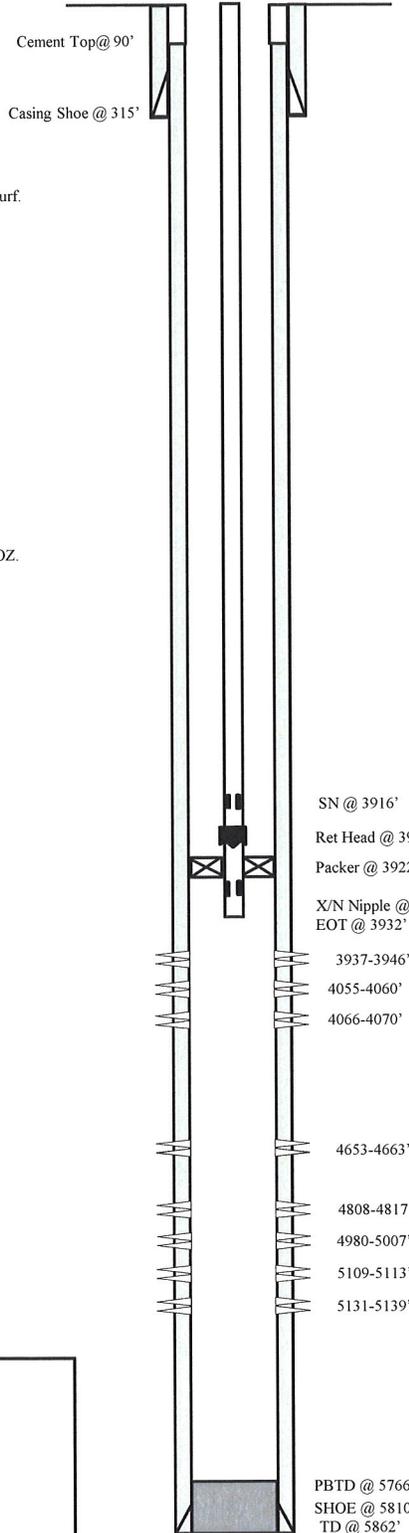
6-16-05 3937-3946' **Frac GB2 sand as follows:**
 29376#'s 20/40 sand in 281 bbls Lightning
 17 frac fluid. Treated @ avg press of 1585 psi
 w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc
 flush: 3935 gal. Actual flush: 3864 gal.

04/24/06 **Pump Change.** Update rod and tubing details.
 6/11/08 **Pump Change.** Updated rod and tubing detail

12/28/10 4055-4070' **Frac GB6 sands as follows:** Frac with
 46694# 20/40 sand in 262 bbls Lightning 17
 fluid.

12/29/10 **Re-Completion finalized** – updated tbg and
 rod details.

06/25/13 **Conversion to Injection Well**
 06/28/13 **Conversion MITT Finalized** – update tbg
 detail



PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
6-10-05	5131-5139'	4 JSPF	32 holes
6-10-05	5109-5113''	4 JSPF	16 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes
6-16-05	3937-3946'	4 JSPF	36 holes
12-28-10	4066-4070'	3 JSPF	12 holes
12-28-10	4055-4060'	3 JSPF	15 holes



Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: JONAH FED 10-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013326620000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/5/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 12:00 PM on 09/05/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 17, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 9/6/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550																														
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GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

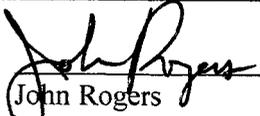
UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-370

Operator: Newfield Production Company
Well: Jonah Federal 10-14-9-16
Location: Section 14, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32662
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 11, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,800' – 5,766')
5. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately
6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

9/4/2013
Date

JR/MLR/js

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

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1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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-096550
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: JONAH FED 10-14-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013326620000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/28/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 06/25/2013. On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 18, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/2/2013	

Sundry Number: 39560 API Well Number: 43013326620000

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 6/28/13 Time 9:00 (am) pm
Test Conducted by: New Field
Others Present: _____

Well: <u>Jonah Federal 10-14-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/SE Sec 14, T 9S, R 16E</u>	API No: <u>4301332662</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1175</u>	psig
5	<u>1175</u>	psig
10	<u>1175</u>	psig
15	<u>1175</u>	psig
20	<u>1175</u>	psig
25	<u>1175</u>	psig
30 min	<u>1175</u>	psig
35	<u>—</u>	psig
40	<u>—</u>	psig
45	<u>—</u>	psig
50	<u>—</u>	psig
55	<u>—</u>	psig
60 min	<u>—</u>	psig

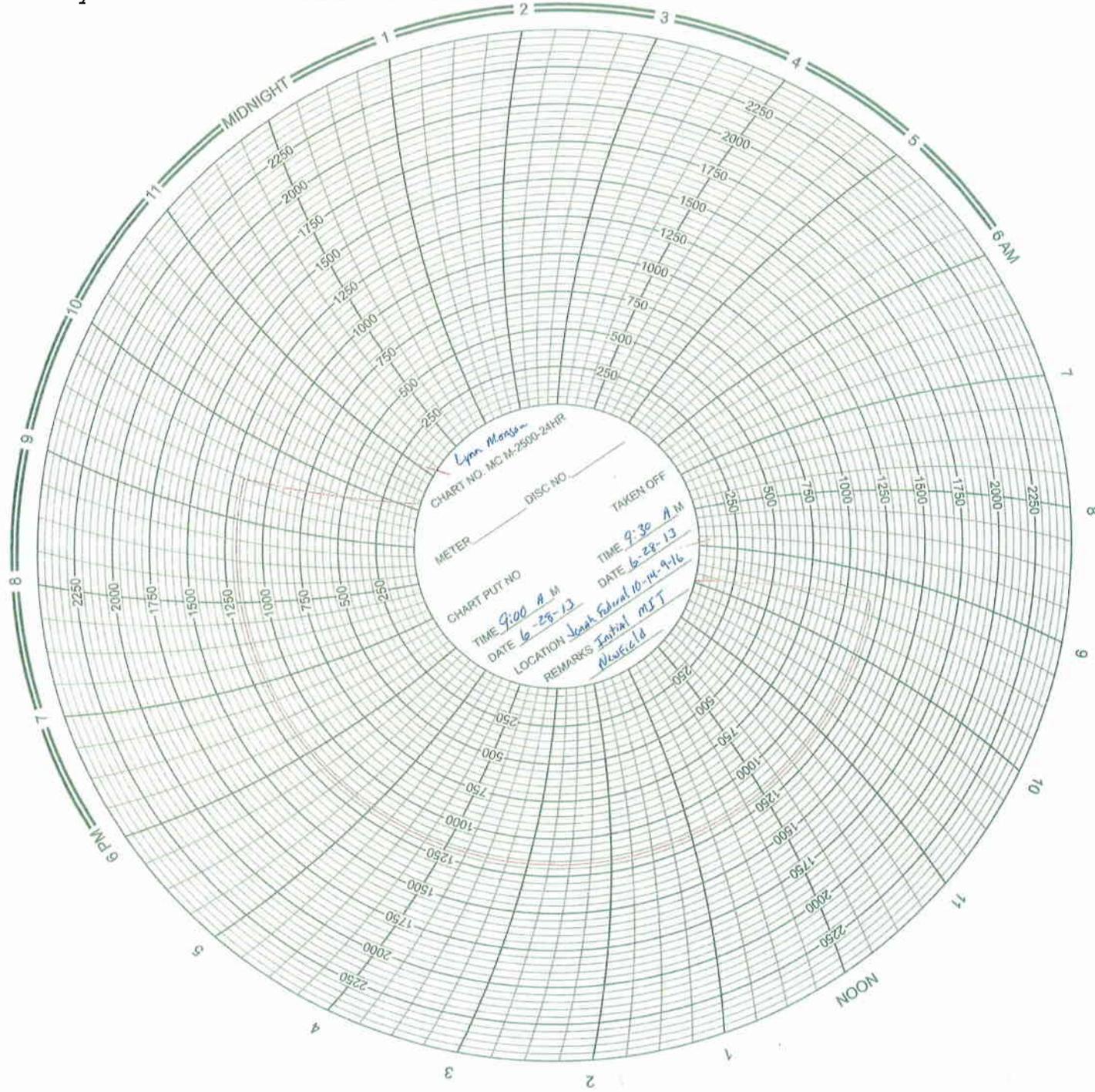
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Lynn Monson

Sundry Number: 39560 API Well Number: 43013326620000



Daily Activity Report

Format For Sundry

JONAH 10-14-9-16

4/1/2013 To 8/30/2013

6/25/2013 Day: 2

Conversion

WC #2 on 6/25/2013 - TOH breaking and doping collars - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOO H TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOO H 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD

TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOOH TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOOH 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - FLUSHED TBG W/ 40 BW @250DEG RIH W/ SANDLINE TAGGED FILL @5728', 38' FILL, ND WH RELEASED TAC NU BOPS RD RIG FLOOR TOOH TALLIED TBG BROKE EVERY COLLAR DOPED W/ GREEN LIQUID O-RING DOPE TOOH 120 JTS LD 40 JTS TBG ONTO TRAILER TIH 1-2 3/8" XN NIPPLE, 1-2 3/8"X4' PUP SUB, 1- XO, 1-WEATHERFOR 5 1/2" PKR, 1- RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 120 JTS EOT@3932.58' CENTER ELEMENT @3929.58 PUMPED 10 BBLS PILLOW LOADED TBG W/ 15 BBLS PT TBG TO 3K HELD FOR 30MIN GOOD TEST RIH W/ SAND LINE RETRIEVED STANDING VALVE RU RIG FLOOR ND BOPS NU WELL BONNET LANDED TBG SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING WAITED ON DEADMAN TESTER RU RIG AMFLUSHED CSG W/60 BBLS @250DEG UNSEATED PUMP FLUSHED TBG W/ 40 BBLS @250DEG SOFT SEATED PUMP ND LP FITTINGS ON WH RU HOTOILER PT TO 3K PSI GOOD TEST LD POLISH RODS, PONY RODS, GUIDED RODS HAD TO STOP TO FLUSH TBG 6 TIMES DUE TO HEAVY WAX BUILD UP TOTAL OF 250 BBLS PUMPED **Finalized**

Daily Cost: \$0

Cumulative Cost: \$27,573

6/26/2013 Day: 3

Conversion

WC #2 on 6/26/2013 - set pkr, psi test, ready for MIT - JSA SAFETY MEETING CIRCULATED 50 BBLS OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION - JSA SAFETY MEETING CIRCULATED 50 BBLS OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION - JSA SAFETY MEETING CIRCULATED 50 BBLS OF PKR FLUID @90DEG, SET PKR W/ 15K# OF TENSION TOPPED OF CSG LANDED TBG W/ INJECTION TREE PT CSG TO 1.4K FOR 30 MIN TESTED 100% RD RIG MOVED OFF LOCATION

Daily Cost: \$0

Cumulative Cost: \$31,503

7/1/2013 Day: 4

Conversion

Rigless on 7/1/2013 - Conduct initial MIT - On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0

psig during the test. There was not a State representative available to witness the test. - On 06/26/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/28/2013 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$63,337

Pertinent Files: Go to File List

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (303')
 DEPTH LANDED 314.85' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 137 jts (5796.74')
 DEPTH LANDED 5809.99' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT 90'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 120 jts (3904')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 3916' KB
 RET HEAD AT 3917 1"
 ARROW #1 PACKER CE AT 3922'
 XO 2-3/8 x 2-7/8 J-55 AT 3926.5'
 TBG PUP 2-3/8 J-55 AT 3926.5'
 X/N NIPPLE AT 3930.6'
 TOTAL STRING LENGTH EOT @ 3932.17'

FRAC JOB

6-15-05 5109-5139' **Frac LODC sand as follows:**
 40770#'s 20/40 sand in 380 bbls Lightning
 17 frac fluid Treated @ avg press of 3040 psi
 w/avg rate of 24.3 BPM ISIP 2950 psi Calc
 flush: 5107 gal Actual flush: 4872 gal

6-15-05 4980-5007' **Frac A3 sand as follows:**
 110,559#'s 20/40 sand in 774 bbls Lightning
 17 frac fluid Treated @ avg press of 1950 psi
 w/avg rate of 24.8 BPM ISIP 2250 psi Calc
 flush: 4978 gal Actual flush: 4746 gal.

6-16-05 4808-4817' **Frac B2 sand as follows:**
 40877#'s 20/40 sand in 371 bbls Lightning
 17 frac fluid Treated @ avg press of 2399 psi
 w/avg rate of 25.1 BPM ISIP 2300 psi Calc
 flush: 4806 gal Actual flush: 4536 gal

6-16-05 3937-3946' **Frac GB2 sand as follows:**
 29376#'s 20/40 sand in 281 bbls Lightning
 17 frac fluid Treated @ avg press of 1585 psi
 w/avg rate of 14.3 BPM ISIP 2100 psi Calc
 flush: 3935 gal Actual flush: 3864 gal

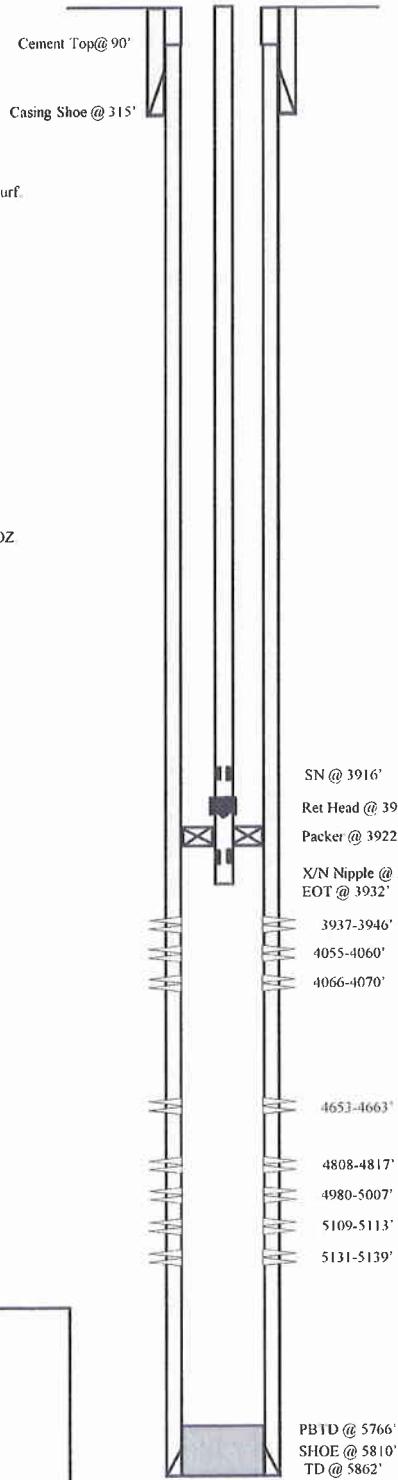
04/24/06 **Pump Change.** Update rod and tubing details
 6/11/08 **Pump Change** Updated rod and tubing detail

12/28/10 4055-4070' **Frac GB6 sands as follows:** Frac with
 46694# 20/40 sand in 262 bbls Lightning 17
 fluid

12/29/10 **Re-Completion finalized** - updated tbg and
 rod details

06/25/13 **Convert to Injection Well**

06/28/13 **Conversion MIT Finalized** - update tbg
 detail



PERFORATION RECORD

6-10-05	5131-5139'	4 JSPF	32 holes
6-10-05	5109-5113''	4 JSPF	16 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes
6-16-05	3937-3946'	4 JSPF	36 holes
12-28-10	4066-4070'	3 JSPF	12 holes
12-28-10	4055-4060'	3 JSPF	15 holes



Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 11, 2012

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

Subject: Greater Monument Butte Unit Well: Jonah Federal 10-14-9-16, Section 14, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32662

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. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than 3,800 feet in the Jonah Federal 10-14-9-16 well.



December 11, 2012

Newfield Jonah Federal 10-14-9-16

Page 2

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,

A handwritten signature in black ink, appearing to read "John Rogers". The signature is fluid and cursive, with the first name "John" being more prominent than the last name "Rogers".

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-096547
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1730 FSL 1820 FEL NWSE Section 14 T9S R16E		8. Well Name and No. JONAH FEDERAL 10-14-9-16
		9. API Well No. 4301332662
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" 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 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.)

The above subject well was recompleted on 12-29-10 and then placed back on production. The following perforations were added in the Green River Formation:

- GB6 4066-4070' 3 JSPF 12 holes
- GB6 4055-4060' 3 JSPF 15 holes

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 01/10/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED

JAN 18 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****JONAH 10-14-9-16****10/1/2010 To 2/28/2011****12/21/2010 Day: 1****Recompletion**

NC #1 on 12/21/2010 - POOH W/-Rod Prod,N/U BOP,RIH To Fill @ 5275',POOH W/-78 Jts Tbg, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, 14 Mile Rig Move. Heat Waves H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-35 BW, Seat pmp, Fill Tbg W/-5 BW, P/Test Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X2'-6'-8' Ponys, 99-3/4 4 Per, 89-3/4 Slick, 10-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, RIH W/-2 Jts Tbg Tag Fill @ 5275', POOH & L/D 2 Jts Tbg. POOH W/-78 Jts Tbg, EOT @ 2671', SWI, 4:00PM C/SDFN, 4:00-4:30PM C/Trvl. 120 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Heat Waves H/Oiler pmp 50 BW D/Csg. POOH W/-78 Jts Tbg, T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. Found Lite Scale On Tbg Last 12 Jts From Aprox 4820' To 5225'. H/Oiler pmp 15 BW D/Tbg On TOOH Due To Oil. R/U Perforators Wire Line To Run Guage Ring To 5135' & Stacked Out, Perf Zone GB6 @ 4055'-4060'-4066'-4070' W/-3 SPF, R/D Wire Line. RIH W/-4 3/4" Bit, 5 1/2" Scraper, 160 Jts Tbg, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 185 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Heat Waves H/Oiler pmp 50 BW D/Csg. POOH W/-78 Jts Tbg, T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. Found Lite Scale On Tbg Last 12 Jts From Aprox 4820' To 5225'. H/Oiler pmp 15 BW D/Tbg On TOOH Due To Oil. R/U Perforators Wire Line To Run Guage Ring To 5135' & Stacked Out, Perf Zone GB6 @ 4055'-4060'-4066'-4070' W/-3 SPF, R/D Wire Line. RIH W/-4 3/4" Bit, 5 1/2" Scraper, 160 Jts Tbg, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 185 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, 14 Mile Rig Move. Heat Waves H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-35 BW, Seat pmp, Fill Tbg W/-5 BW, P/Test Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X2'-6'-8' Ponys, 99-3/4 4 Per, 89-3/4 Slick, 10-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, RIH W/-2 Jts Tbg Tag Fill @ 5275', POOH & L/D 2 Jts Tbg. POOH W/-78 Jts Tbg, EOT @ 2671', SWI, 4:00PM C/SDFN, 4:00-4:30PM C/Trvl. 120 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$7,711**12/22/2010 Day: 3****Recompletion**

NC #1 on 12/22/2010 - RIH W/-16 Jts Tbg To Fill, Cln Out To PBTD @ 5766'.POOH W/-178 Jts Tbg,Scrper & Bit.W/Line Run Gyro Log.RIH W/Plg & Pkr,104 Jts Tbg, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-16 Tbg To Fill @ 5704', R/U RBS Pwr Swvl, Drill & C/Out To PBTD @ 5766', Curc Well Cln. R/D Swvl, POOH W-178 Jts Tbg, Scraper & Bit. R/U Wire Line Run Gyro Log.R/D Wire Line Aftr Log. P/U & RIH W/-5 1/2 TS Plg, 5 1/2 HD Pkr, 104 Jts Tbg, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 345 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$22,362**12/27/2010 Day: 4****Recompletion**

NC #1 on 12/27/2010 - RIH W/27 Jts Tbg,Set Plg For Frac @ 4120',POOH W/4 Jts Tbg,Set Pkr @ 4001',Wt On Frac Crew To R/U. SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-27 Jts Tbg, Set Plg @ 4120', POOH 4 Jts Tbg, Set Pkr @ 4001', Wt On BJ Frac Crew To Rig Up. 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$29,970

12/28/2010 Day: 5

Recompletion

NC #1 on 12/28/2010 - Frac Zne GB6,Flow Zne Back,Curc Cln,Ret Plg,L/D N-80 Frac Strng,Pkr & Plg,RIH W/-N/C,2 Jts Tbg,S/N,122 Jts Tbg,EOT @ 4107',R/U Swab,Swab Well,Recvred 97 BW,Trce Sand, FFL @ 950',SWI,C/SDFN. - RU BJ Services. Fill casing w/ 18 bbls water & hold pressure during frac (climbed during 6 ppg to 1020 psi). Perfs broke down @ 3570 psi back to 3245 psi w/ 2 bbls @ 4 bpm. Frac w/ 46,694#'s nof 20/40 sand in 442 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2950 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 1863 w/ .89FG. RD BJ. Flow well back 2 hrs,Recvred 277 bw,Rel Pkr,curc cln,rih w/tbg to plg @ 4120',curc cln,rel plg,pooH L/D N-80 Frac Strng,pkr & plg.rih W/-N/C,2 jts tbg,s/n,2 jts tbg,5 1/2" t/a,122 jts tbg,EOT@ 4107',rih w/swab,IFL @ surf,made 10 swab runs,recvred 97 bw,Trace Sand,FFL @950',SWI,C/SDFN.

Daily Cost: \$0

Cumulative Cost: \$65,383

12/29/2010 Day: 6

Recompletion

NC #1 on 12/29/2010 - OWU,RIH W/-Swab,IFL @200',Made 23 Swab Runs,Sand Clned Up,Lite Trce Oil.RIH W/Tbg To Fill @ 5751',C/O To PBTD @5766',POOH & Set T/A,N/U W/HD.RIH W/-Rod Production,POP, (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-S/Line IFL @ 200', Made 23 Swab Runs, Recvred 272 BW, Lite Trce Oil, Last 4 Swab Runs, Lite Trce Sand, FFL @ 1900'. R/D Swab, RIH W/-52 Jts Tbg To Fill @ 5751',R/U R/pmp, Curc Out To PBTD @ 5766'. POOH W/-18 Jts Tbg, R/D Flr, N/D BOP, Set 5 1/2" T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2 1/2X1 1/2X12X16' RHAC, 6-1 1/2 Wt Bars, 10-3/4 4 Per 1 Bttm New, 89-3/4 Slick, 99-3/4 4 Per, 3/4x8'-6'-2' Ponys, 1 1/2x22' Polish Rod, Seat pmp R/U Unit, Tbg Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test, Rack Out Eq, R/D Rig, POP @ 5:30PM, 86" SL, 4 SPM,5:30PM - 6:00PM C/Trvl, 215 BWTR (Final Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$78,878

Pertinent Files: [Go to File List](#)

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

Applicant: Newfield Production Company **Well:** Jonah Federal 10-14-9-16

Location: 14/9S/16E **API:** 43-013-32662

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 leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,810 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,953 feet. A 2 7/8 inch tubing with a packer will be set at 3,887 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 revised Statement of Basis (12/04/2012), on the basis of surface locations, there are 9 producing wells, 1 P/A well, 1 shut-in well, 1 temporarily abandoned well, and 5 injection wells in the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there is 1 approved surface location outside the AOR, from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement.

The following discussion pertains to all UIC applications for wells located within a 0.5 mile radius of the Jonah Unit 8-14-9-16 well (API# 43-013-32054). That well is located approximately 1/3 mile northeast of the Jonah Federal 10-14 well, the proposed injection well in the current application. In the process of drilling the directional well, Jonah Federal LA-14-9-16 (API# 43-013-34164) from the existing pad occupied by Jonah Unit 8-14, on 12/25/2008 Newfield accidentally intersected the existing vertical wellbore Jonah Unit 8-14 at a depth of 1,092 feet. An application for conversion of the Jonah Unit 8-14 to a UIC injection (UIC-255.1) well had been previously submitted by Inland Production Company 4/19/2000. A conversion permit was issued 6/15/2000 by DOGM, but an MIT was never done, and an injection permit was never issued. Subsequent to the well collision, which destroyed the wellbore integrity of the Jonah 8-14 well, DOGM denied further consideration of the well as a UIC injection well (memo 11/8/2010). Jonah 8-14 is currently in a temporarily abandoned status. Newfield and DOGM agreed on a plan for monitoring the situation created by the well collision. A monitor well would be drilled and perforated at depths which straddle the depth of the well collision. Casing and tubing pressure gauges would be placed on both the damaged well (Jonah 8-14) and the monitor

Jonah Federal 10-14-9-16
page 2

well. Any changes in pressure or fluid level will be reported immediately to DOGM. In addition, water samples will be taken from each well annually. The monitor well, GMBU 8-14T-9-16 (API# 43-013-50880) was completed 10/10/2012, located approximately 90 feet south-southeast of Jonah 8-14. Prior to completion of the monitor well, it had been necessary to postpone further consideration of the present UIC application.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,800 feet and 5,766 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-14-9-16 well is 0.97 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,074 psig. The requested maximum pressure is 2,074 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 groundwater present should be adequately protected.

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: 12/21/2010 (rev. 12/04/2012)

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR 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 21 day of December, 2010, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of December, 2010, 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.

Geoff Liesik
Editor

Subscribed and sworn to before me this

22 day of December, 2010

Bonnie Parrish
Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-370

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

- Greater Monument Butte Unit:
 - Federal 6-33 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
 - Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Town-

- ship 8 South, Range 16 East
- Monument Butte Federal 4-34(1) well located in NW/4 NW/4, Section 34, Township 8 South, Range 16 East
- Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East
- Monument Butte 1-43 well located in NE/4 SE/4, Section 1, Township 9 South, Range 16 East
- Monument Butte 1-34 well located in SW/4 SE/4, Section 1, Township 9 South, Range 16 East
- South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East
- South Wells Draw Federal 10-3-9-16 well located in NW/4 SE/4, Section 3, Township 9 South, Range 16 East
- Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

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

for 41 not and for de and for de Suzy V Free-thr and Uno Free-thr are: Alta half time a 18-7 ru had led and won ter to go team use The C 59-55. Green Ri Riverton Union bo close shar Gillette, TO PUBLISH

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	12/20/2010

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-370

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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- Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
- Monument Butte Federal 4-34(I) well located in NW/4 NW Section 34, Township 8 South, Range 16 East
- Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East
- Monument Butte 1-43 well located in NE/4 SE/4, Section Township 9 South, Range 16 East
- Monument Butte 1-34 well located in SW/4 SE/4, Section Township 9 South, Range 16 East
- South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East
- South Wells Draw Federal 10-3-9-16 well located in NW SE/4, Section 3, Township 9 South, Range 16 East
- Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

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 pressure 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, 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 procedure rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of December, 2010.

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 s/ Brad Hill
 Brad Hill
 Permitting Manager

647204

UPAX

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	AD ORDER # / INVOICE NUMBER
8015385340	0000647204 /
SCHEDULE	
Start 12/18/2010	End 12/18/2010
CUST. REF. NO.	
Newfield	
CAPTION	
DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF A	
SIZE	
73 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
250.28	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION 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-370 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 12/18/2010 End 12/18/2010

PUBLISHED ON

SIGNATURE

Sandy Taylor

12/20/2010

VIRGINIA CRAFT
 Notary Public, State of Utah
 Commission Expires
 January 13, 2014

Virginia Craft

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-370

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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Greater Monument Butte Unit:

Federal 6-33 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
Monument Butte Federal 4-34(I) well located in NW/4 NW/4, Section 34, Township 8 South, Range 16 East
Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East
Monument Butte 1-43 well located in NE/4 SE/4, Section 1, Township 9 South, Range 16 East
Monument Butte 1-34 well located in SW/4 SE/4, Section 1, Township 9 South, Range 16 East
South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East
South Wells Draw Federal 10-3-9-16 well located in NW/4 SE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

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

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

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

Dated this 13th day of December, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 6-33, TRAVIS FEDERAL 7-33-8-16,
MONUMENT BUTTE FEDERAL 4-34(I), ASHLEY FEDERAL 8-15-9-15,
MONUMENT BUTTE 1-43, MONUMENT BUTTE 1-34,
SOUTH WELLS DRAW 6-3-9-16, SOUTH WELLS DRAW FEDERAL 10-3-9-16,
JONAH FEDERAL 10-14-9-16.**

Cause No. UIC-370

Publication Notices were sent to the following:

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

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

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

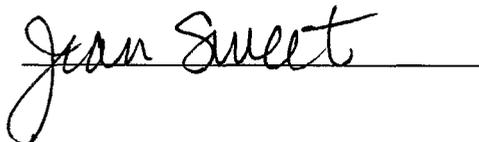
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

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

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

SITLA
675 East 500 South
Salt Lake City, UT 84102-2818

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

A handwritten signature in cursive script that reads "Jean Sweet". The signature is written in black ink and is positioned above a horizontal line.

Jean Sweet - Re: Notice of Agency Action Newfield Cause UIC-370

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 12/15/2010 1:44 PM
Subject: Re: Notice of Agency Action Newfield Cause UIC-370

On 12/14/2010 12:43 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

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

This notice will be published Dec. 21. Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 14, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-370

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 Cause UIC-370

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 12/14/2010 2:43 PM
Subject: RE: Notice of Agency Action Newfield Cause UIC-370

Ad #647204 is scheduled to run December 18 in Salt Lake Tribune, Deseret News and Online utahlegals.com .

Total charge is \$250.28. Please check the ad in the papers.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Tuesday, December 14, 2010 12:46 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action Newfield Cause UIC-370



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 14, 2010

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-370

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





December 7, 2010

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

RE: Permit Application for Water Injection Well
Jonah Federal #10-14-9-16
Monument Butte Field, Lease #UTU-096547
Section 14-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #10-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg
Regulatory Lead

RECEIVED

DEC 08 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH FEDERAL #10-14-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-096547
DECEMBER 7, 2010

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Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303')
 DEPTH LANDED: 314.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

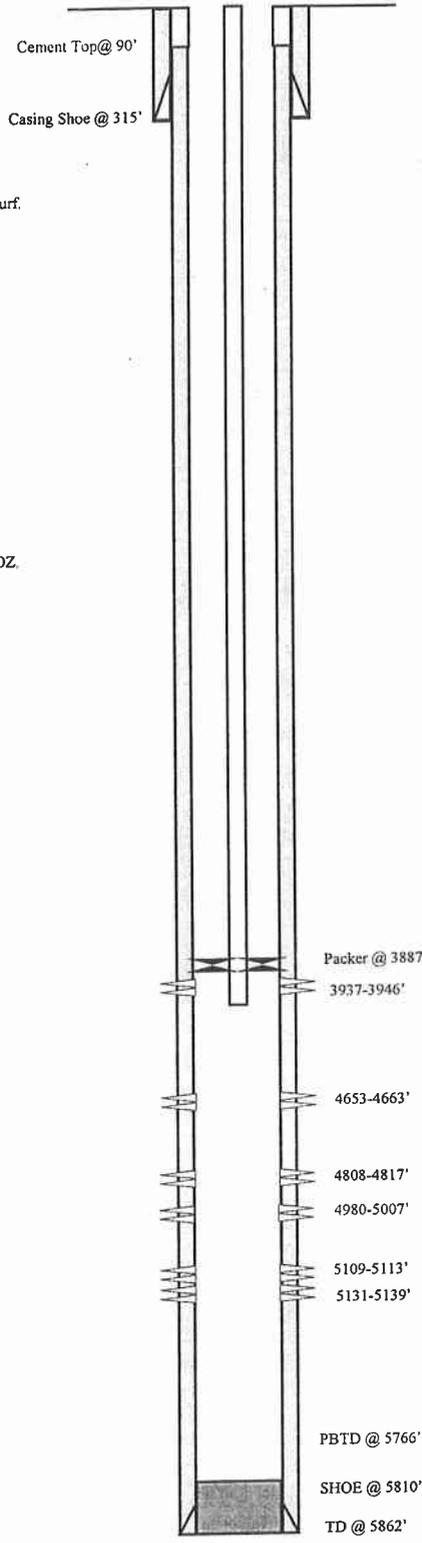
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5796.74')
 DEPTH LANDED: 5809.99' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 156 jts (5079.07')
 TUBING ANCHOR: 5091.07' KB
 NO. OF JOINTS: 2 jts (64.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5158.01' KB
 NO. OF JOINTS: 2 jts (65.04')
 TOTAL STRING LENGTH: EOT @ 5224.60' KB

FRAC JOB

6-15-05	5109-5139'	Frac LODC sand as follows: 40770#'s 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3040 psi w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc flush: 5107 gal. Actual flush: 4872 gal.
6-15-05	4980-5007'	Frac A3 sand as follows: 110,559#'s 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 4978 gal. Actual flush: 4746 gal.
6-16-05	4808-4817'	Frac B2, sand as follows: 40877#'s 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2399 psi w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4806 gal. Actual flush: 4536 gal.
6-16-05	3937-3946'	Frac GB2 sand as follows: 29376#'s 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 1585 psi w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc flush: 3935 gal. Actual flush: 3864 gal.
04/24/06		Pump Change. Update rod and tubing details.
6/11/08		Pump Change. Updated rod and tubing detail



PERFORATION RECORD

6-10-05	5109-5113"	4 JSPF	16 holes
6-10-05	5131-5139'	4 JSPF	32 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-16-05	3937-3946'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes

NEWFIELD

Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547

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 Jonah Federal #10-14-9-16 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 Jonah Federal #10-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3800' - 5766'). 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 3483' and the TD is at 5862'.

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

The referenced log for the Jonah Federal #10-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-096547) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 315' KB, and 5-1/2", 15.5# casing run from surface to 5810' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2074 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 Jonah Federal #10-14-9-16, for existing perforations (3937' - 5139') calculates at 0.97 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 2074 psig. We may add additional perforations between 3483' and 5862'. 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 Jonah Federal #10-14-9-16, the proposed injection zone (3800' - 5766') 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-18.

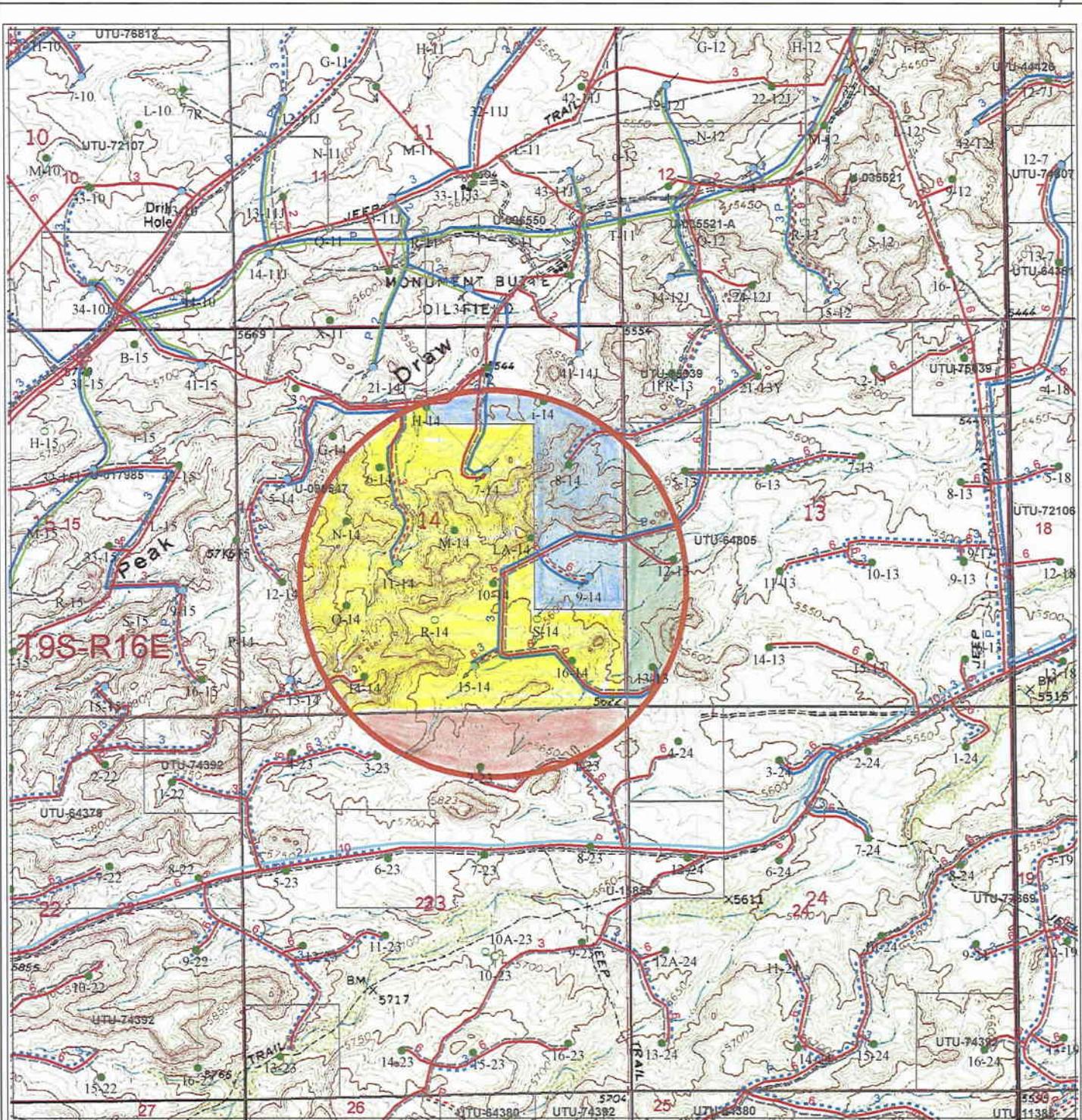
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



10-14-9-16 1/2mile radius

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

UTU-096547

UTU-096550

UTU-64805

UTU-15855

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DIV. OF OIL, GAS & MINING

Jonah Federal 10-14-9-16
Section 14, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1" = 2000'

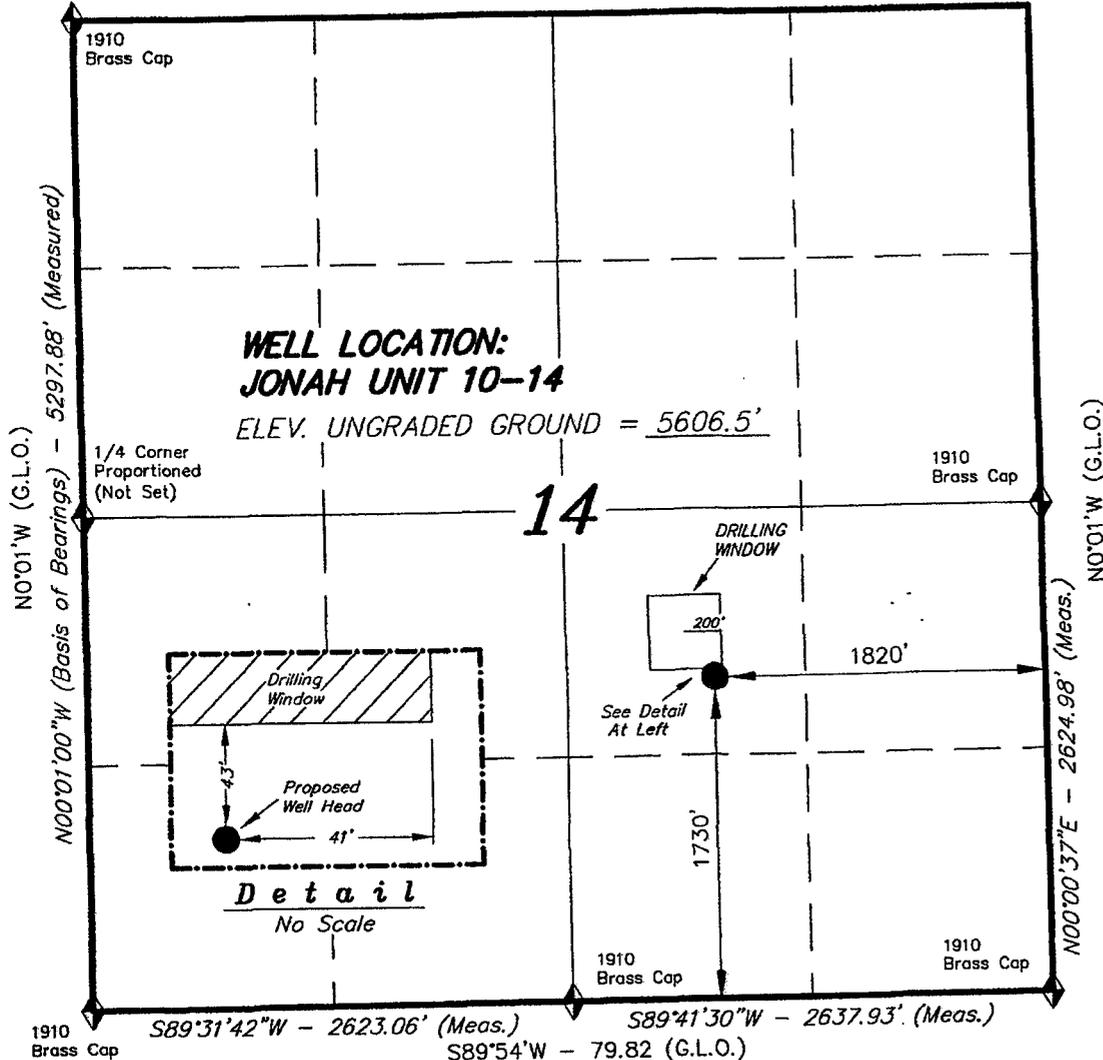
1/2 Mile Radius Map
Duchesne & Uintah Counties

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

June 22, 2010

T9S, R16E, S.L.B.&M.

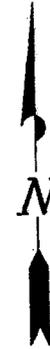
S89°59'W - 79.78 (G.L.O.)



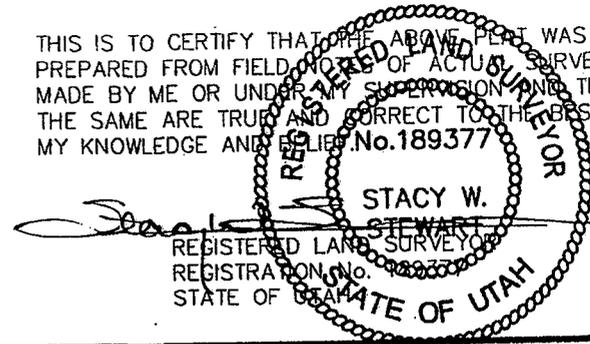
INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 10-14,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-1



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



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

◆ = SECTION CORNERS LOCATED

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

TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: K.G.S.

DATE: 7-9-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 16 East SLM</u> Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 13: NENW, NWNE, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
4	<u>Township 9 South, Range 16 East SLM</u> Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King O & G of Texas Ltd. Six Gold Oil LLC Stone Energy Corporation	USA

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DEC 20 2010

DIV. OF OIL, GAS & MINING

Jonah Federal 10-14-9-16

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #10-14-9-16

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 7th day of December, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013
My Commission Expires: _____



Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Wellbore Diagram

SURFACE CASING

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 CEMENT TOP AT: 90'

TUBING

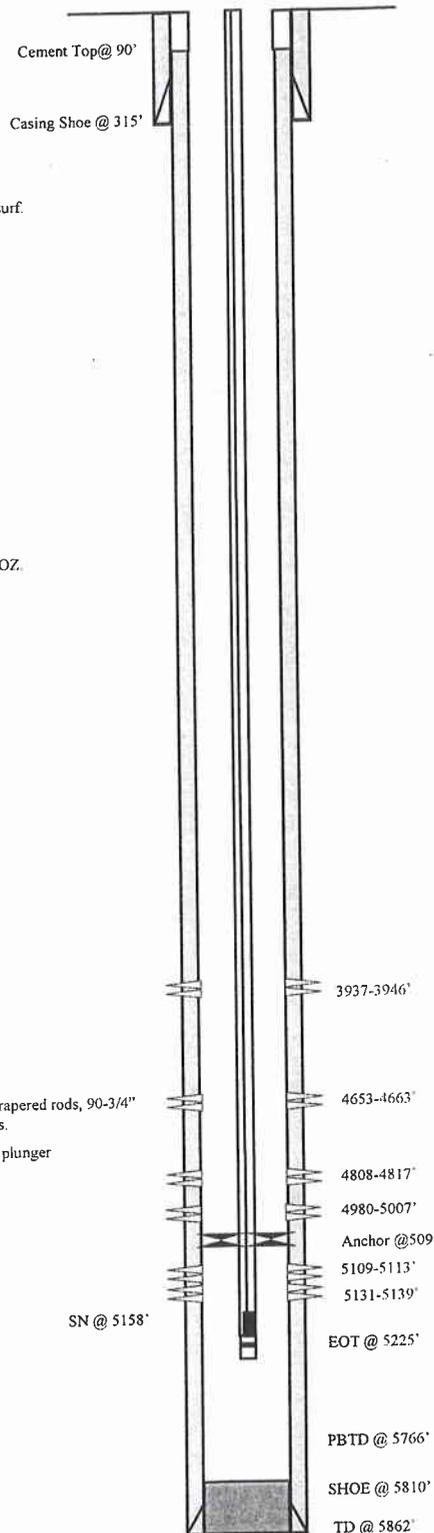
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 156 jts (5079.07')
 TUBING ANCHOR: 5091.07' KB
 NO. OF JOINTS: 2 jts (64.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5158.01' KB
 NO. OF JOINTS: 2 jts (65.04')
 TOTAL STRING LENGTH: EOT @ 5224.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rods
 SUCKER RODS: 1-8', 1-6' & 1-2' 3/4" ponies, 99- 3/4" scraped rods, 90-3/4"
 plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14 1/2" RHAC w/ SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 4.5 SPM

FRAC JOB

6-15-05	5109-5139'	Frac LODC sand as follows: 40770#'s 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3040 psi w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc flush: 5107 gal. Actual flush: 4872 gal.
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04/24/06		Pump Change. Update rod and tubing details.
6/11/08		Pump Change. Updated rod and tubing detail



PERFORATION RECORD

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NEWFIELD

Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547

Jonah Fed I-14-9-16

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Put on Production: 12/17/08

GL: 5575' KB: 5587'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (316.06')
DEPTH LANDED: 326.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 159 jts (6278.9')
DEPTH LANDED: 6095.70'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx premlite and 425 sx 50/50 poz
CEMENT TOP AT: 64'

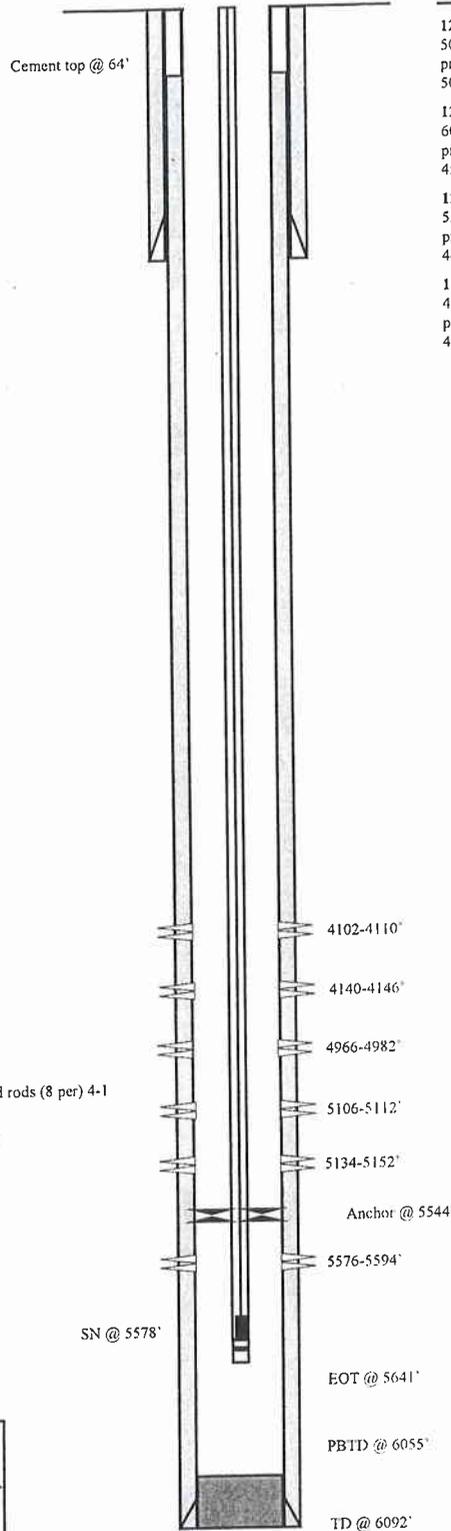
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO. OF JOINTS: 180 jts (5532.40')
TUBING ANCHOR: 5544.40' KB
NO. OF JOINTS: 1 jt (30.85')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5578.05' KB
NO. OF JOINTS: 2 jts (61.81')
TOTAL STRING LENGTH: EOT @ 5641.41'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-2", 4", 6", 8" x 7/8" pony, 218-7/8" guided rods (8 per) 4-1 1/2" wt bars shear coupler
PUMP SIZE: 1 1/2" x 1 3/4" x 16' x 20' RHAC rod pump - CDI
STROKE LENGTH:
PUMP SPEED, SPM:

Wellbore Diagram



FRAC JOB

12/9/08 5576-5594' Frac CP1 sds as follows:
50,690# 20/40 sand in 472 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1937 psi @ ave rate of 23.1 BPM. ISIP 2139 psi. Actual flush: 5040 gals.

12/10/08 5106-5152' Frac A1 & A3 sds as follows:
60,419# 20/40 sand in 514 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2180 psi @ ave rate of 23.1 BPM. ISIP 2427 psi. Actual flush: 4599 gals.

12/10/08 4966-4982' Frac B2 sds as follows:
55,874# 20/40 sand in 494 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1944 psi @ ave rate of 23.1 BPM. ISIP 2040 psi. Actual flush: 4410 gals.

12/10/08 4102-4110' Frac GB2 & GB4 as follows:
40,929# 20/40 sand in 391 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1862 psi @ ave rate of 23.2 BPM. ISIP 2019 psi. Actual flush: 4032 gals.

PERFORATION RECORD

Date	Interval	Type	Holes
12/9/08	5576-5594'	4 JSPF	72 holes
12/9/08	5134-5152'	4 JSPF	72 holes
12/9/08	5106-5112'	4 JSPF	24 holes
12/9/08	4966-4982'	4 JSPF	64 holes
12/10/08	4140-4146'	4 JSPF	24 holes
12/10/08	4102-4110'	4 JSPF	32 holes

NEWFIELD



Jonah I-14-9-16

1919' FNL & 1900' FEL
SW/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34013; Lease # UTU-096550

Jonah Unit #8-14

Spud Date: 5/22/98
 Put on Production: 6/22/98
 GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
 133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (290')
 DEPTH LANDED: 291'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5677')
 DEPTH LANDED: 5688' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
 CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 127 jts (1992.0')
 TUBING ANCHOR: 5020'
 NO. OF JOINTS: 1 jt (62.5')
 SEATING NIPPLE: 5-1/2" (1.10')
 SN LANDED AT: 5086'
 NO. OF JOINTS: 2 jt (62.5')
 TOTAL STRING LENGTH: EOT @ 5152'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS: 55- 3/4" guided rods, 97- 1/2" guided rods, 4- 3/4" guided rods, 4- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
 STROKE LENGTH: ?
 PUMP SPEED, SPM: ?
 LOGS: Dual Laterlog. GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

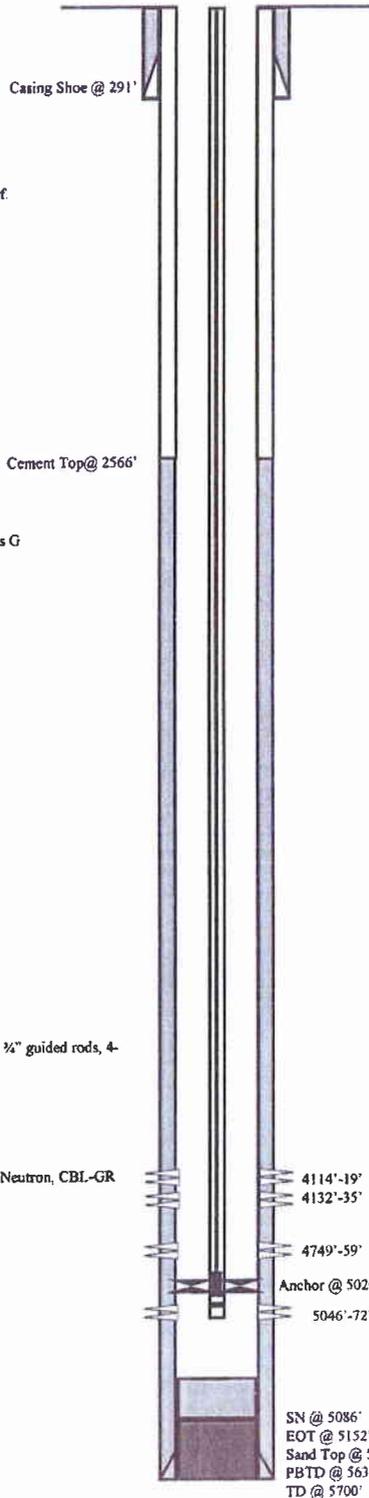
6/13/98 5046'-5072' Frac A-3 sand as follows:
 114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokdown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64" choke for 3 hours and died.

6/16/98 4749'-4759' Frac C sand as follows:
 113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokdown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' Frac GB sand as follows:
 96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokdown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

7/9/2010 Workover. Updated rod and tubing detail.

NOTE:
 The LA-14-9-16 runs diagonally across this well location which places the beginning joints at a 1992' depth and renders placement of the anchor at a deeper depth.



PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



Jonah Unit #8-14
 1882 FNL 773 FEL
 SENE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32054; Lease #U-096550

Jonah Fed LA-14-9-16

Spud Date: 12/19/2008
Put on Production: 1/27/2009

GL: 5606' KB: 5618'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315.79')
DEPTH LANDED: 326.79' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6228.67')
DEPTH LANDED: 6045.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx primlite and 415 sx 50/50 poz
CEMENT TOP AT: 104'

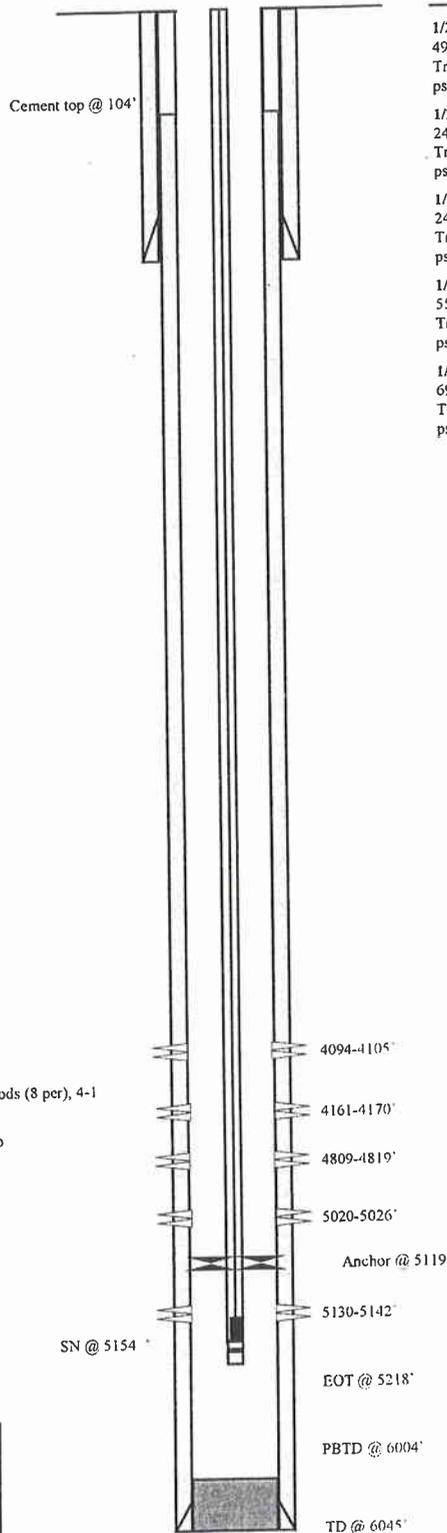
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 162 jts (5107.33')
TUBING ANCHOR: 5119.33' KB
NO. OF JOINTS: 1 jt (31.63')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5153.76' KB
NO. OF JOINTS: 2 jts (63.12')
TOTAL STRING LENGTH: EOT @ 5218.43'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-2', 8" x 7/8" pony subs, 201-7/8" guided rods (8 per), 4-1 1/2" weight bars, shear coupler
PUMP SIZE: 1 1/2" x 1 3/4" x 20' RHAC central hydraulic pump
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
49,252# 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi
Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290
psi. Actual flush: 4624 gals

1/20/09 5020-5026' Frac A.5 sds as follows:
24,711# 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi.
Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411
psi. Actual flush: 4515 gals

1/20/09 4809-4819' Frac C sds as follows:
24,955# 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi.
Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472
psi. Actual flush: 4221 gals

1/20/09 4161-4170' Frac GB6 sds as follows:
55,178# 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi
Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734
psi. Actual flush: 3738 gals

1/20/09 4094-4105' Frac GB4 sds as follows:
69,186# 20/40 sand in 552 bbls of Lightning 17 fluid. Broke @ 2614 psi
Treated w/ ave pressure of 2200 psi w/ ave rate of 23.1 BPM. ISIP 1915
psi. Actual flush: 4007 gals.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
1/20/09	4094-4105'	4 JSPF	44 holes
1/20/09	4161-4170'	4 JSPF	36 holes
1/20/09	4809-4819'	4 JSPF	40 holes
1/20/09	5020-5026'	4 JSPF	24 holes
1/20/09	5130-5142'	4 JSPF	48 holes

NEWFIELD

Jonah LA-14-9-16
1906' FNL & 732' FEL
SE/NE Section 14-T9S-R16E
Duchesne Co, Utah
API # 43-013-34164 ; Lease # UTU-096550

Jonah Federal 9-14-9-16

Spud Date: 05/13/05
 Put on Production: 06/15/05
 GL: 5571' KB: 5583'

Initial Production: 46 BOPD,
 111 MCFPD, 45 BWPD

Injection Wellbore Diagram

SURFACE CASING

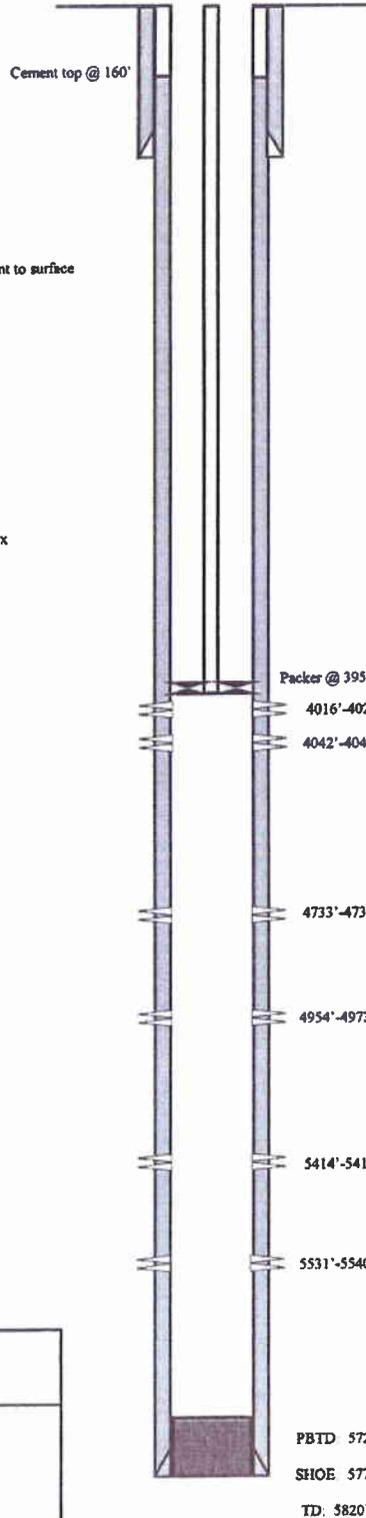
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.57')
 DEPTH LANDED: 314.57'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks Class "G" cement, est. 6 bbis cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5772.05')
 DEPTH LANDED: 5770.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix
 CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT: 2 7/8" / 6.5# / J-55
 NO OF JOINTS: 121 jts (3937.79')
 NO OF JOINTS: 1 jt. (32.55')
 SN LANDED AT: 1.10' (3954')
 NO OF JOINTS: 2 jts (65.66')
 TOTAL STRING LENGTH EOT: 3958'



FRAC JOB

06/07/05	5414'-5540'	Frac CP4 and CP2 sand as follows: 40,739# of 20/40 sand in 416 bbis lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal Actual flush 5166 gal.
06/07/05	4954'-4973'	Frac A3 sand as follows: 70,185# of 20/40 sand in 538 bbis lightning 17 frac fluid. Treated w/avg press of 1763 psi ISIP 2170 psi. Calc flush: 4952 gal Actual flush: 4704 gal
06/08/05	4733'-4738'	Frac B1 sand as follows: 20,210# of 20/40 sand in 253 bbis lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal Actual flush: 4494 gal
06/08/05	4016'-4047'	Frac GB6 sand as follows: 38,754# of 20/40 sand in 347 bbis lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal Actual flush: 3948 gal.
10-23-06		Well Converted to Injection Well
11-10-06		MIT to complete Conversion.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

NEWFIELD

Jonah Federal 9-14-9-16
 1785' FSL. & 508' FEL
 NE/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API 43-013-32661; Lease UTU-096550

Federal 12-13-9-16

Spud Date: 9-29-05
 Put on Production: 11-23-05
 GL: 5490' KB: 5502'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.74')
 DEPTH LANDED: 315.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

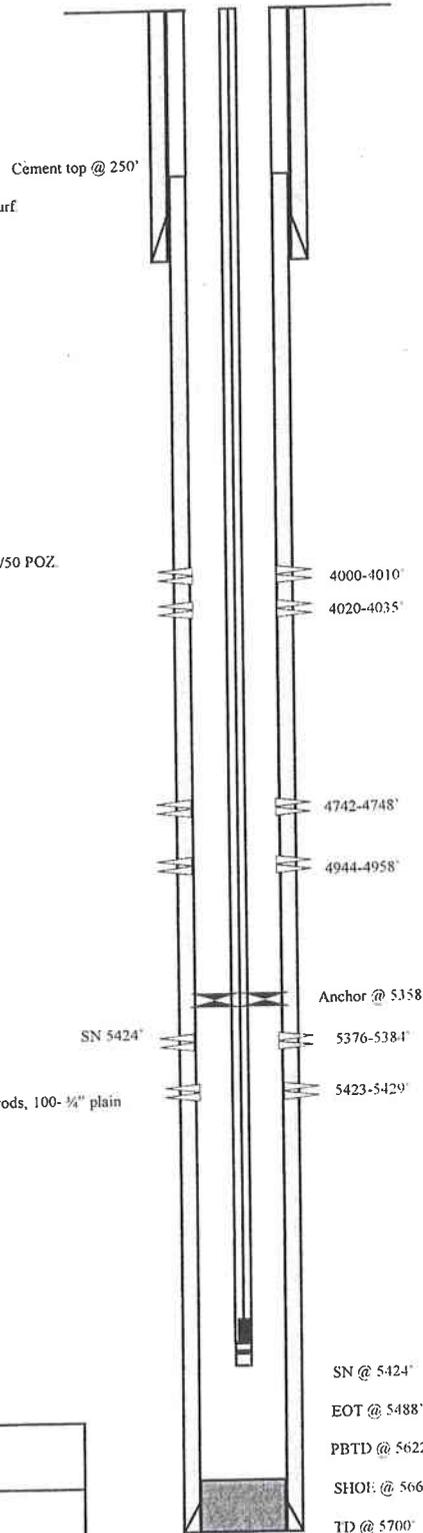
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5714.51')
 DEPTH LANDED: 5668.64' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5345.76')
 TUBING ANCHOR: 5357.76' KB
 NO. OF JOINTS: 2 jts (63.23')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5423.79' KB
 NO. OF JOINTS: 2 jts (62.44')
 TOTAL STRING LENGTH: EOT @ 5487.78' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" X 3/4" pony rods, 100- 3/4" scraped rods, 100- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

11-16-05 5376-5429' **Frac CP1, CP2 sands as follows:**
 50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.

11-16-05 4944-4958' **Frac A1 sands as follows:**
 80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.

11-17-05 4742-4748' **Frac B.5 sands as follows:**
 25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

11-17-05 4000-4035' **Frac GB4, & GB6 sands as follows:**
 112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/ avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.

9/17/09 Pump Change. Updated rod & tubing details

PERFORATION RECORD

Date	Interval	Tool	Holes
11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes

NEWFIELD

Federal 12-13-9-16
 2018' FSL & 651' FWL
 NW/SW Section 13-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32651; Lease #UTU-64805

FEDERAL 13-13-9-16

Spud Date: 04/13/07
 Put on Production: 05/23/07
 GL: 5592' KB: 5604'

Initial Production: 53 BOPD,
 3 MCFD, 88 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.33')
 DEPTH LANDED: 319.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

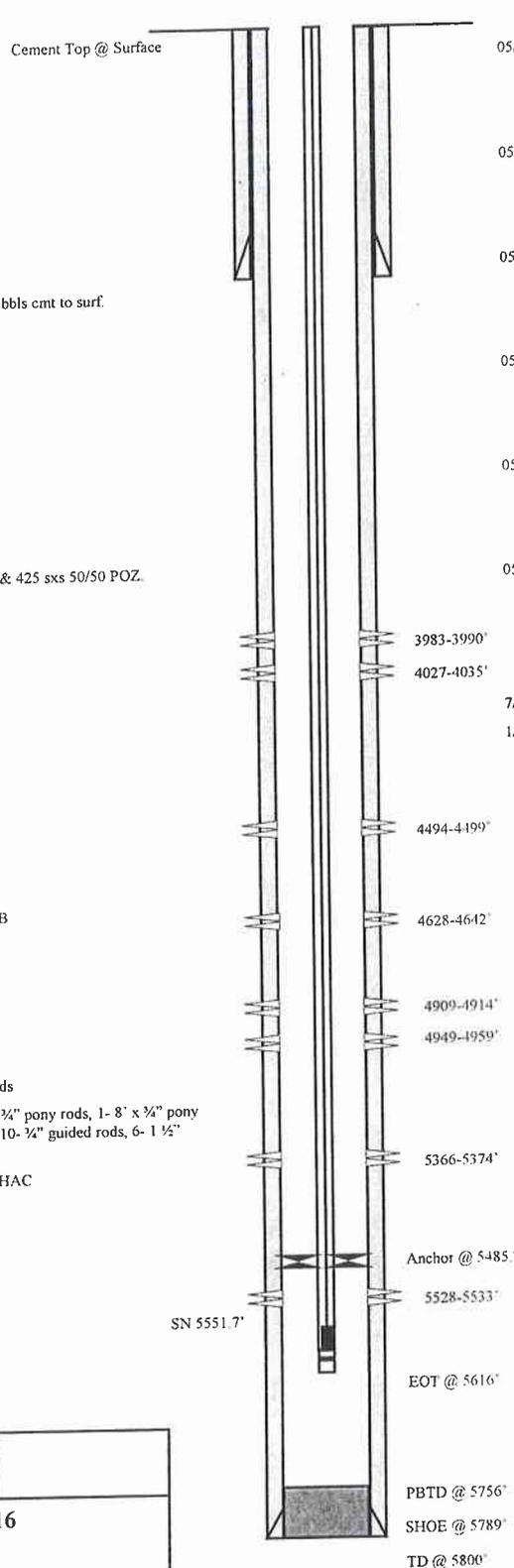
CSG SIZE 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts (5793.19')
 DEPTH LANDED: 5789.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 177 jts (5485.73')
 TUBING ANCHOR: 5485.7' KB
 NO. OF JOINTS: 2 jts (63.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5551.7' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH EOT @ 5616' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1- 4' x 3/4" pony rods, 1- 6' x 3/4" pony rods, 1- 8' x 3/4" pony rods, 99- 3/4" guided rods, 106- 3/4" sucker rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 'RHAC
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5



FRAC JOB

05/15/07	5528-5533'	Frac CP3 sands as follows: 14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc flush: 5526 gal. Actual flush: 5019 gal.
05/15/07	5366-5374'	Frac CP1 sands as follows: 40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc flush: 5364 gal. Actual flush: 4868 gal.
05/18/07	4909-4959'	Frac A1&3 sands as follows: 67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc flush: 4907 gal. Actual flush: 4406 gal.
05/18/07	4628-4642'	Frac C sands as follows: 29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc flush: 4626 gal. Actual flush: 4124 gal.
05/18/07	4494-4499'	Frac D1 sands as follows: 14891# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 4492 gal. Actual flush: 3990 gal.
05/18/07	3983-4035'	Frac GB4&6 sands as follows: 56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of ? BPM. ISIP 1685 psi. Calc flush: 3981 gal. Actual flush: 3910 gal.

7/17/08 pump change. updated rod and tubing detail.
 1/20/2010 Pump change. Updated rod and tubing detail

PERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes

NEWFIELD

FEDERAL 13-13-9-16

555' FSL & 344' FWL

SW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32650; Lease # UTU-64805

Jonah Federal 16-14-9-16

Spud Date: 10-14-05
 Put on Production: 11-14-05
 GL: 5626' KB: 5638'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.62')
 DEPTH LANDED: 310.02' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

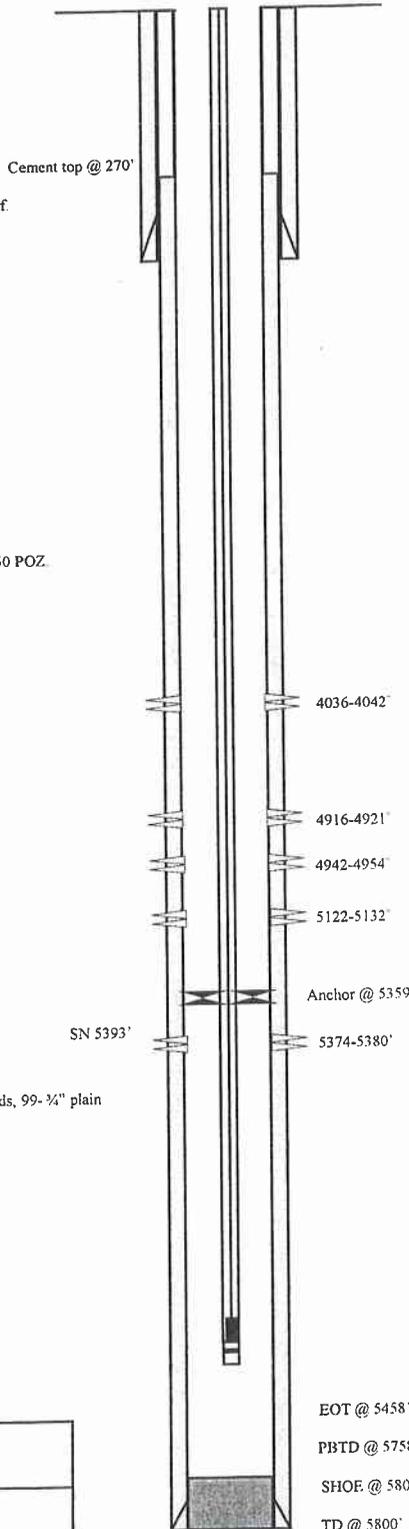
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5790.42')
 DEPTH LANDED: 5803.67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5347.02')
 TUBING ANCHOR: 5359.02' KB
 NO. OF JOINTS: 1 jts (31.43')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5393.25' KB
 NO. OF JOINTS: 2 jts (62.75')
 TOTAL STRING LENGTH: EOT @ 5457.55' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" X 3/4" pony rods, 100- 3/4" scraped rods, 99- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

11-08-05 5374-5380' **Frac CP2 sands as follows:**
 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.

11-08-05 5122-5132' **Frac LODC sands as follows:**
 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.

11-09-05 4916-4954' **Frac A1, & A3 sands as follows:**
 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.

11-09-5 4036-4042' **Frac GB6 sands as follows:**
 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.

6/8/09 Pump Change. Updated rod & tubing details

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 16-14-9-16

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-96547

Jonah Federal 15-14-9-16

Spud Date: 5-4-05
 Put on Production: 6-10-05
 GL: 5631' KB: 5643'

Initial Production: BOPD 42,
 MCFD 13, BWPD 161

Injection Wellbore Diagram

SURFACE CASING

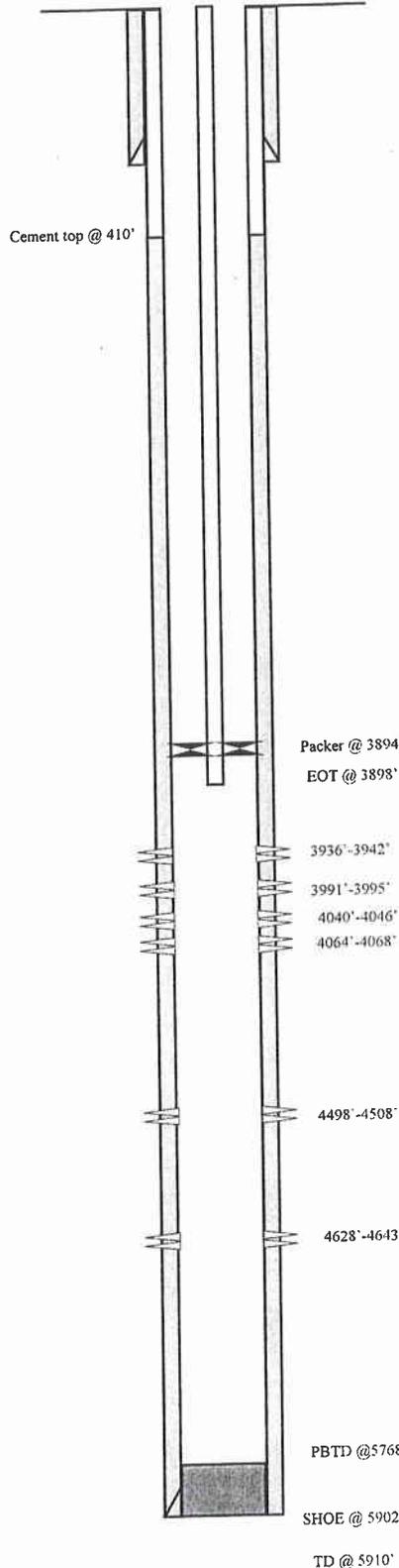
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302-46')
 DEPTH LANDED: 314 31' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (5888.88')
 DEPTH LANDED: 5902.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 410'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 116 jts (3877.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3889.64' KB
 TOTAL STRING LENGTH: EOT @ 3898.24' KB



FRAC JOB

6-1-05	4628-4643'	Frac C sand as follows: 57,701#'s 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.5 BPM. ISIP 3700 psi. Screened out short of flush.
6-2-05	4498-4508'	Frac D1 sand as follows: 69,795#'s 20/40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1589 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4496 gal. Actual flush: 4200 gal.
6-2-05	4040-4068'	Frac GB6 sand as follows: 28,155#'s 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi w/avg rate of 24.6 BPM. ISIP 3450 psi. Screened out short of flush.
6-6-05	3936-3942'	Frac GB2 & GB4 sand as follows: 29,409#'s 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc flush: 3934 gal. Actual flush: 3881 gal.
11/2/06		Well converted to an Injection well.
11/21/06		MIT completed and submitted.

PERFORATION RECORD

5-25-05	4628-4643'	4 JSPF	60 holes
6-2-05	4498-4508'	4 JSPF	40 holes
6-2-05	4040-4046'	4 JSPF	24 holes
6-2-05	4064-4068'	4 JSPF	16 holes
6-2-05	3991-3995'	4 JSPF	16 holes
6-2-05	3936-3942'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 15-14-9-16
 610' FSL & 2096' FEL
 SW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32689; Lease #UTU-096547

FEDERAL 1-23-9-16

Spud Date: 12/06/07
 Put on Production: 02/11/08
 GL: 5651' KB: 5663'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309 17')
 DEPTH LANDED: 321'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: To Surface w/160sx of class 'G' cement

PRODUCTION CASING

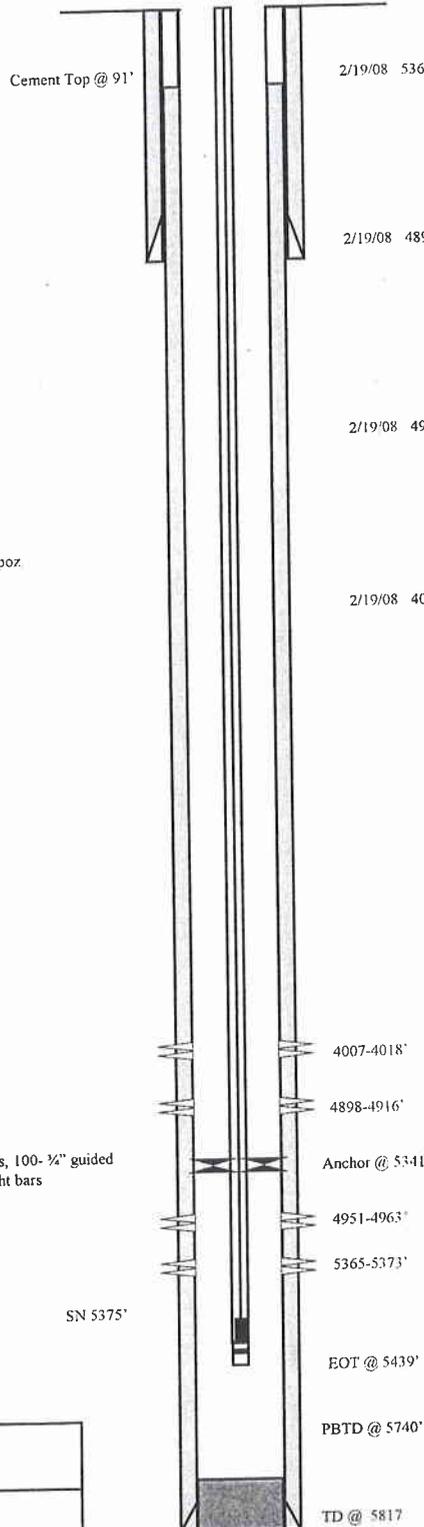
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5815'
 DEPTH LANDED: 5784'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx of Primlite II and 400 sx of 50/50 poz
 CEMENT TOP: 91'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5340 8')
 TUBING ANCHOR: 5340.8' KB
 NO. OF JOINTS: 1 jt (31.3')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5374.9' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5439' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-2" x 3/4" pony rod, 2-16' x 3/4" pony rods, 100- 3/4" guided rods, 89- 3/4" sucker rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED: 4 SPM



2/19/08 5365-5373 Frac CP1 sds w/ 22,746#s of 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3471 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2152 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1913 psi. Calc flush: ? Actual Flush: 4830 gals.

2/19/08 4898-4916 Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals.

2/19/08 4951-4963 Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals.

2/19/08 4007-4018 Frac GB6 sds w/ 43,024#s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3772 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1653 psi @ ave rate of 23.2 BPM. ISIP 1697 psi. Calc flush: ? Actual Flush: 3948 gals.

10/8/08 Pump change. Updated rod & tubing details.
 2/1/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

Date	Job	JSPP	Holes
02/12/08	5365-5373	4 JSPP	32 holes
02/19/08	4951-4963	4 JSPP	48 holes
02/19/08	4898-4916	4 JSPP	72 holes
02/19/08	4007-4018	4 JSPP	44 holes

NEWFIELD

FEDERAL 1-23-9-16

632' FNL & 472' FEL

NE/NE Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33002; Lease # U-15855

FEDERAL 2-23-9-16

Spud Date: 12/06/07
Put on Production: 02/11/08

GL: 5678' KB: 5690'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.96')
DEPTH LANDED: 324.81' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5818.10')
DEPTH LANDED: 5831.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 poz.
CEMENT TOP: 156'

TUBING

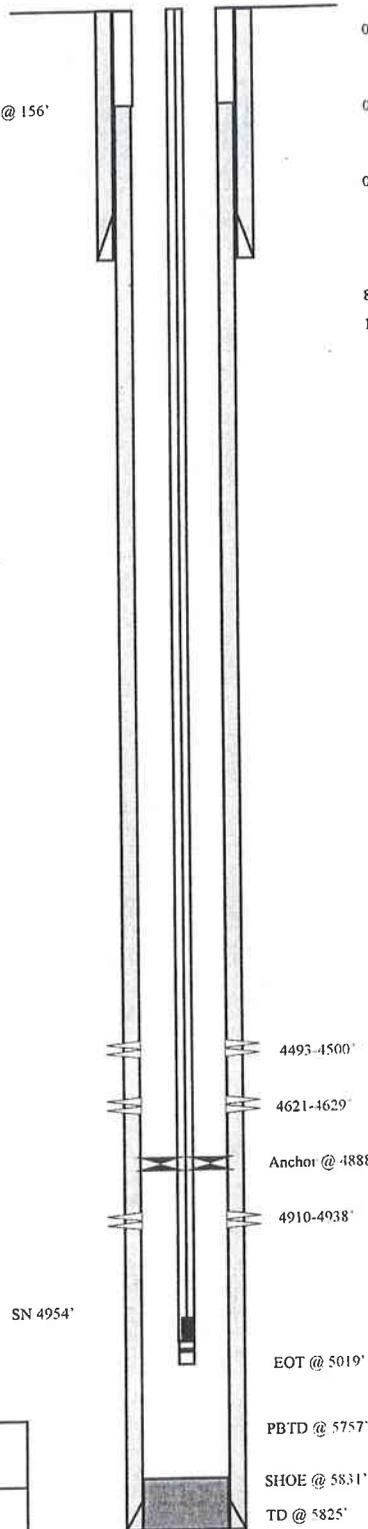
SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 154 jts (4888')
TUBING ANCHOR: 4888' KB
NO. OF JOINTS: 2 jts (62.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4953.6' KB
NO. OF JOINTS: 2 jts (64.2')
TOTAL STRING LENGTH: EOT @ 5019' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1- 2' x 3/4" pony rod, 1- 4' x 3/4" pony rod, 1- 6' x 3/4" pony rod, 1- 8' x 3/4" pony rod, 100- 3/4" guided rods, 72- 3/4" guided rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RIAC
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5

Wellbore Diagram

Cement Top @ 156'



FRAC JOB

02/05/08	4910-4938'	Frac A1 sands as follows: 170350# 20/40 sand in 1190 bbl Lightning 17 frac fluid. Treated @ avg press of 1318 psi w/avg rate of 23.6 BPM. ISIP 1809 psi.
02/06/08	4621-4629'	Frac C sands as follows: 14890# 20/40 sand in 264 bbl Lightning 17 frac fluid. Treated @ avg press of 1847 psi w/avg rate of 23.5 BPM. ISIP 1806 psi.
02/06/08	4493-4500'	Frac D1 sands as follows: 9119# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 2210 psi w/avg rate of 23.5 BPM. ISIP 2088 psi.
8-1-08		Pump change. Updated rod & tubing details.
12/21/09		Pump change. Updated rod and tubing detail

PERFORATION RECORD

4910-4938'	4 JSPF	112 holes
4621-4629'	4 JSPF	32 holes
4493-4500'	4 JSPF	28 holes

NEWFIELD

FEDERAL 2-23-9-16

760' FNL & 2032' FEL
NW/NE Section 23-T9S-R16E
Duchesne Co, Utah
API #43-013-33003; Lease # UTU-15855

Jonah Federal 14-14-9-16

Spud Date: 10-11-05
 Put on Production: 11-22-05
 GL: 5740' KB: 5752'

Injection Wellbore Diagram

SURFACE CASING

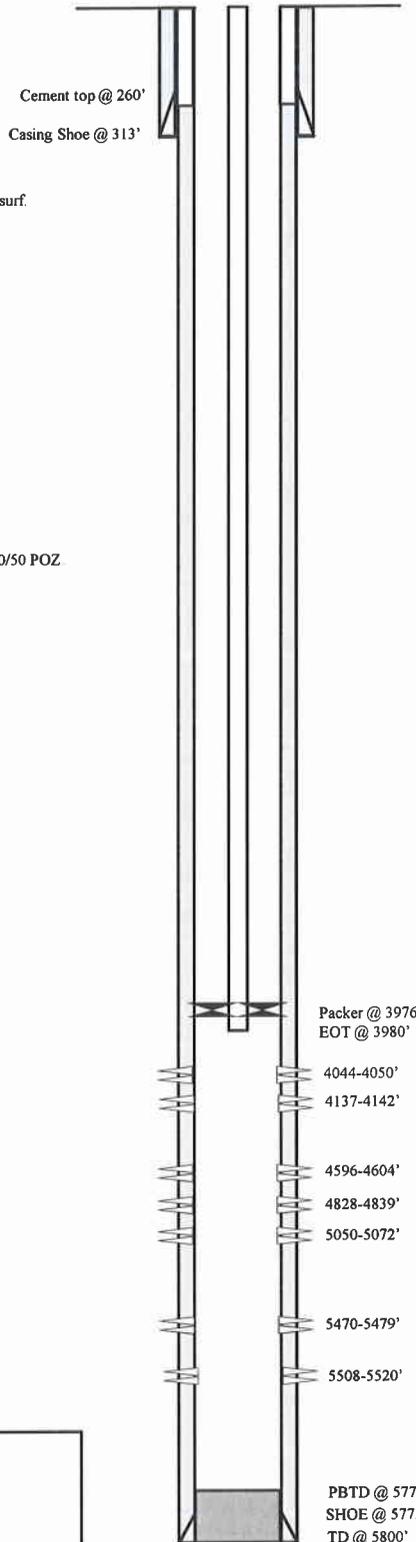
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.68')
 DEPTH LANDED: 312.58' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5761.28')
 DEPTH LANDED: 5774.53' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
 CEMENT TOP AT: 260'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 122 jts (3961.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3971.3'
 CE @ 3975.74'
 TOTAL STRING LENGTH: EOT @ 3980'



FRAC JOB

11-14-05	5470-5520'	Frac CP1, & CP2 sands as follows: 30835# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2008 psi w/avg rate of 25 l BPM. ISIP 1850 psi. Calc flush: 5468 gal. Actual flush: 5460 gal.
11-15-05	5050-5072'	Frac A1 sands as follows: 100886# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 25 l BPM. ISIP 2130 psi. Calc flush: 5048 gal. Actual flush: 5082 gal.
11-15-05	4828-4839'	Frac B1 sands as follows: 70362# 20/40 sand in 537 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 25 l BPM. ISIP 2060 psi. Calc flush: 4826 gal. Actual flush: 4872 gal.
11-15-05	4596-4604'	Frac D1 sands as follows: 28955# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 1758 w/avg rate of 14.5 BPM. ISIP 1900 psi. Calc flush: 4594 gal. Actual flush: 4518 gal.
11-15-05	4044-4142'	Frac GB4, & GB6 sands as follows: 31600# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 w/avg rate of 25 l BPM. ISIP 1770 psi. Calc flush: 4042 gal. Actual flush: 3948 gal.
05/02/07		Tubing Leak - Rod & Tubing detail updated
09/11/07		Tubing Leak - Rod & Tubing detail updated
7-21-08		Tubing Leak. Updated rod & tubing details
1/29/10		Parted rods. Updated rod and tubing detail
05/04/11		Convert to Injection well
05/18/11		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11-10-05	5508-5520'	4 JSPF	48 holes
11-10-05	5470-5479'	4 JSPF	36 holes
11-14-05	5050-5072'	4 JSPF	88 holes
11-15-05	4828-4839'	4 JSPF	44 holes
11-15-05	4596-4604'	4 JSPF	32 holes
11-15-05	4137-4142'	4 JSPF	20 holes
11-15-05	4044-4050'	4 JSPF	24 holes



Jonah Federal 14-14-9-16
 507' FSL & 1684' FWL
 SE/SW Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32697; Lease #UTU-096547

Jonah Fed Q-14-9-16

Spud Date: 12/6/2008
Put on Production: 1/26/2009

GL: 5760' KB: 5772'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315')
DEPTH LANDED: 327.16' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'g'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 160 jts (6351.71')
DEPTH LANDED: 6164.10'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sx primlite and 400 sx 50/50 poz
CEMENT TOP AT: 148'

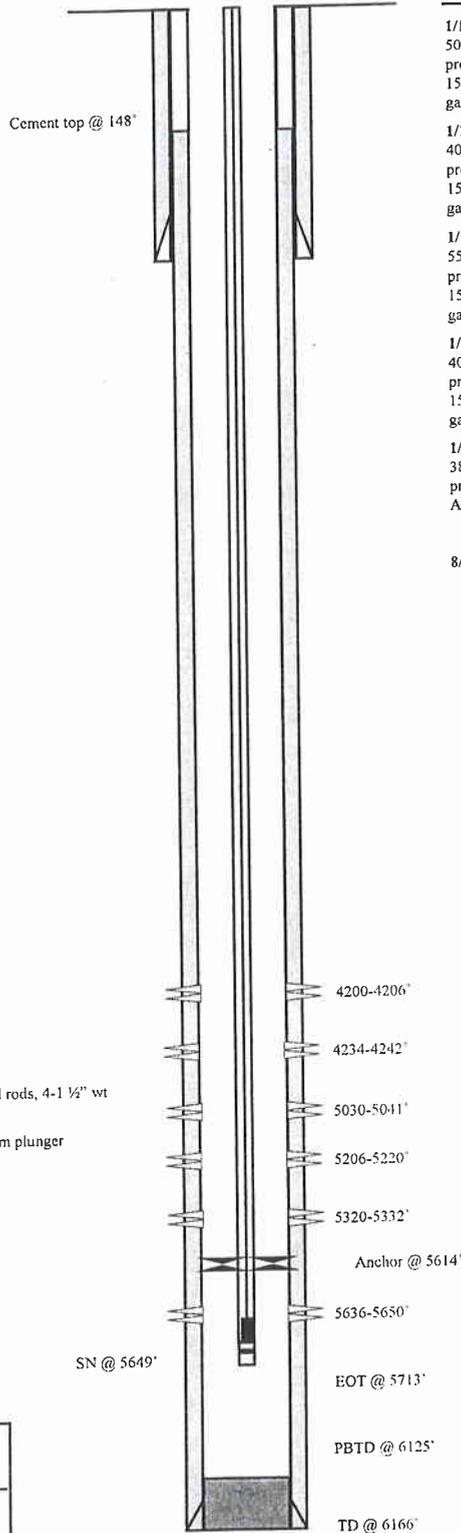
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 179 jts (5602.17')
TUBING ANCHOR: 5614.17' KB
NO. OF JOINTS: 1 jt (31.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5649.07' KB
NO. OF JOINTS: 2 jts (63.21')
TOTAL STRING LENGTH EOT @ 5712.73'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
SUCKER RODS: 2', 2', 6' x 7/8" ponies, 221-7/8" scraped rods, 4-1 1/2" wt bars, shear coupling #21,000
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/sm plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 4

Wellbore Diagram



FRAC JOB

1/14/09 5636-5650' RU BJ & frac CP1 sds as follows:
50,262# 20/40 sand in 471 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2162 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2289. Actual flush: 5170 gals.

1/14/09 5320-5332' RU BJ & frac stage #2 sds as follows:
40,638# 20/40 sand in 420 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3291 @ ave rate of 26 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2861. Actual flush: 4876 gals.

1/14/09 5206-5220' RU BJ & frac stage #3 sds as follows:
55,182# 20/40 sand in 496 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1944 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2459. Actual flush: 4741 gals.

1/14/09 5030-5041' RU BJ & frac stage #4 sds as follows:
40,414# 20/40 sand in 408 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1814 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1987. Actual flush: 4523 gals.

1/15/09 4200-4242' RU BJ & frac stage #5 sds as follows:
38,064# 20/40 sand in 381 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1964 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2122. Actual flush: 4116 gals.

8/5/09

Parted rods. Updated rod & tubing detail

PERFORATION RECORD

Date	Interval	Tool	Holes
1/15/09	4200-4206'	4 JSPF	24 holes
1/15/09	4234-4242'	4 JSPF	32 holes
1/14/09	5030-5041'	4 JSPF	44 holes
1/14/09	5206-5220'	4 JSPF	56 holes
1/15/09	5320-5332'	4 JSPF	48 holes
1/15/09	5636-5650'	4 JSPF	56 holes

NEWFIELD

Jonah Q-14-9-16

478' FSL & 703' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34041; Lease # UTU-096547

Jonah Federal 11-14-9-16

Spud Date: 5/25/05
 Put on Production: 6/24/05
 GL: 5621' KB: 5633'

Initial Production: 115 BOPD,
 15 MCFD, 114 BWPD

Injection Wellbore Diagram

SURFACE CASING

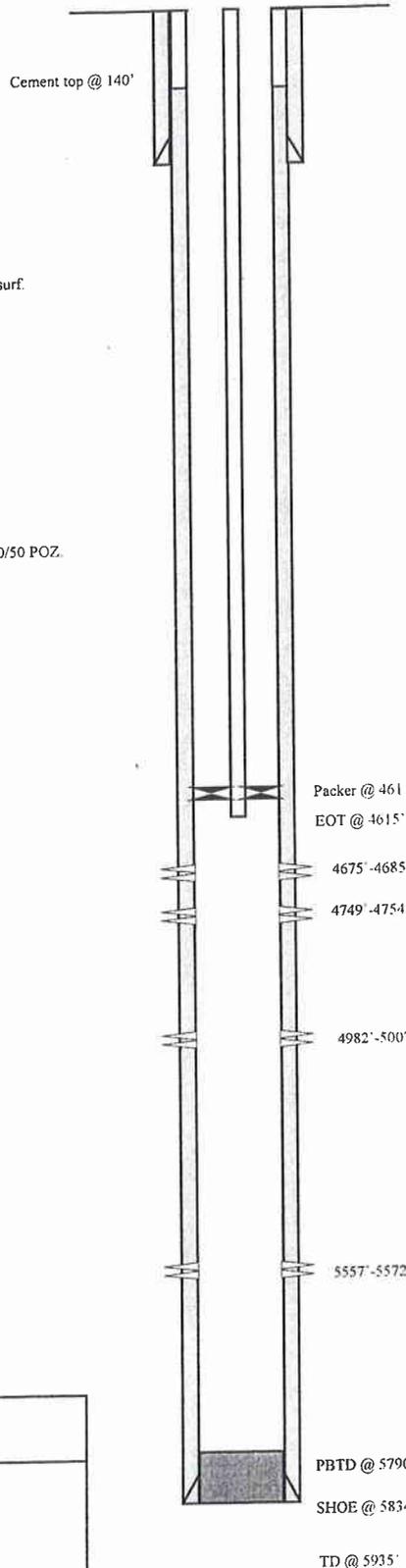
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.17')
 DEPTH LANDED: 314.17' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts (5835.87')
 DEPTH LANDED: 5833.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4594.85')
 SN LANDED AT: 1.10' (4606.85')
 CE @ 4611.05'
 TOTAL STRING LENGTH: EOT @ 4615.45' KB



FRAC JOB

6/20/05	5557'-5572'	Frac CP3 sands as follows: 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 5555 gal. Actual flush: 5544 gal.
6/20/05	4982'-5007'	Frac A3 sands as follows: 95,489# 20/40 sand in 692 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc flush: 4980 gal. Actual flush: 4998 gal.
6/20/05	4675'-4754'	Frac C&B1 sands as follows: 62,157# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4673 gal. Actual flush: 4578 gal.
09/12/06		Pump Change. Update rod and tubing details.
11/7/06		Convert to Injection Well
11/10/06		MIT Completed - tbg detail updated

PERFORATION RECORD

6/14/05	5557'-5572'	4 JSPF	60 holes
6/20/05	4982'-5007'	4 JSPF	100 holes
6/20/05	4749'-4754'	4 JSPF	20 holes
6/20/05	4675'-4685'	4 JSPF	40 holes

NEWFIELD

Jonah Federal 11-14-9-16
 2030' FSL & 2160' FWL
 NE/SW Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32681; Lease #UTU-096547

Jonah Federal M-14-9-16

Spud Date: 01/14/2010
 Put on Production: 02/19/2010
 GL: 5589' KB: 5601'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.53')
 DEPTH LANDED: 320'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT 15.5#
 LENGTH: 145 jts. (6028.58')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6041.83'
 CEMENT DATA: 260 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 80'

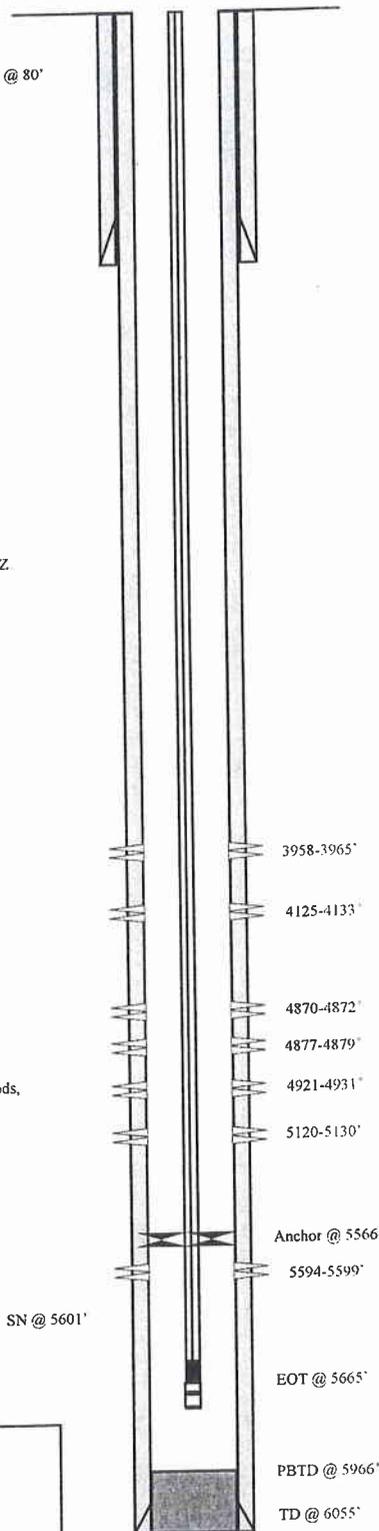
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 177 jts (5554.3')
 TUBING ANCHOR: 5566'
 NO OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5600.6' KB
 NO. OF JOINTS: 2 jts (63')
 TOTAL STRING LENGTH: EOT @ 5665'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 6' x 7/8" pony rods, 219 - 7/8" 8per guided rods,
 4 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 17" x 24" RHAC
 STROKE LENGTH: 144
 PUMP SPEED: SPM 5

Cement Top @ 80'



FRAC JOB

02-19-10	5594-5599'	Frac CP2 sands as follows: Frac with 9412# 20/40 sand in 62 bbls Lightning 17 fluid
02-19-10	5120-5130'	Frac A3 sands as follows: Frac with 45196# 20/40 sand in 214 bbls Lightning 17 fluid.
02-19-10	4870-4931'	Frac B1 & B2 sands as follows: Frac with 75309# 20/40 sand in 331 bbls Lightning 17 fluid.
02-19-10	4125-4133'	Frac GB4 sands as follows: Frac with 24572# 20/40 sand in 151 bbls Lightning 17 fluid
02-19-10	3958-3965'	Frac GB2 sands as follows: Frac with 12499# 20/40 sand in 71 bbls Lightning 17 fluid.

PERFORATION RECORD

5594-5599'	3 JSPF	15 holes
5120-5130'	3 JSPF	30 holes
4921-4931'	3 JSPF	30 holes
4877-4879'	3 JSPF	6 holes
4870-4872'	3 JSPF	6 holes
4125-4133'	3 JSPF	24 holes
3958-3965'	3 JSPF	21 holes

NEWFIELD

Jonah Federal M-14-9-16
 1878' FNL & 1949' FWL (SE/NW)
 Section 14, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-33812; Lease # UTU-096547

Jonah 6-14-9-16

Initial Production: 147 BOPD,
140 MCFD, 9 BWPD

Spud Date: 6/10/03
Put on Production: 3/19/04

GL: 5593' KB:5605'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (300.71')
DEPTH LANDED: 310.71' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5854.02')
DEPTH LANDED: 5852.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 292'

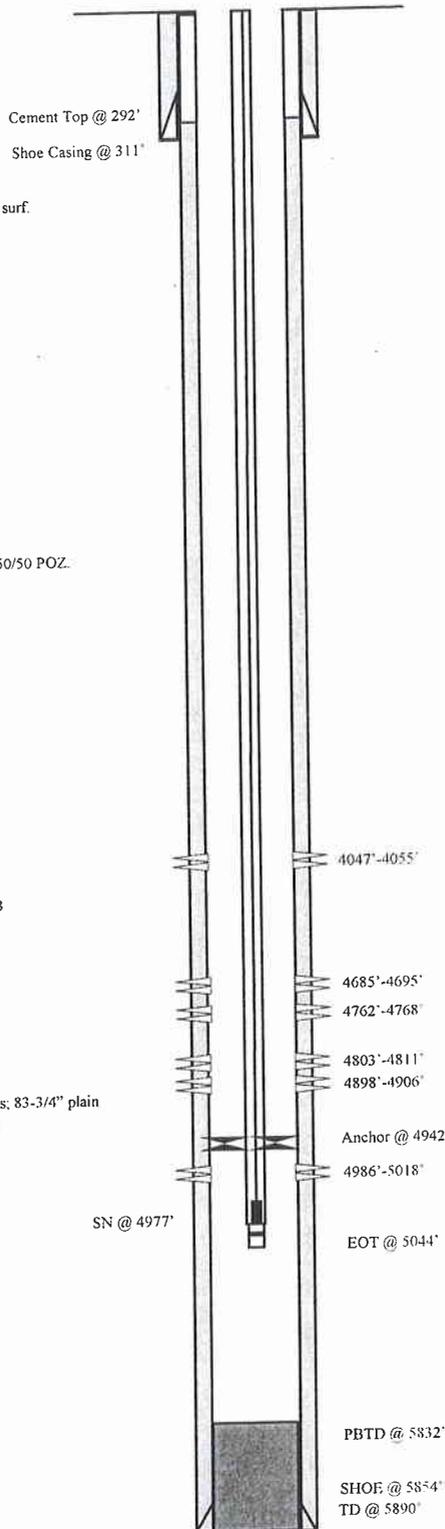
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 150 jts (4929.09')
TUBING ANCHOR: 4941.59' KB
NO OF JOINTS: 1 jts (33.02')
SEATING NIPPLE: 2-7/8" (1' 10")
SN LANDED AT: 4977.41' KB
NO. OF JOINTS: 2 jts (65.08')
TOTAL STRING LENGTH: EOT @ 5044.04' w/12.5 KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 6-1 1/2" weight bars, 10-3/4" scraped rods, 83-3/4" plain rods, 99-3/4" scraped rods, 1-8', 1-6', 1-2' x 3/4" pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/ SM Plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



FRAC JOB

3/11/04	4986'-5018'	Frac A3 sands as follows: 105,000# 20/40 sand in 855 bbls Lightning 17 fluid. Treated @ avg press of 2160 psi w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4984 gal. Actual flush: 4977 gal.
3/13/04	4898'-4906'	Frac A.5 sands as follows: 20,600# 20/40 sand in 249 bbls Lightning 17 fluid. Treated @ avg press of 2825 psi w/avg rate of 24.7 BPM. ISIP 2360 psi. Calc flush: 4896 gal. Actual flush: 4895 gal.
3/13/04	4762'-4811'	Frac B2 and B.5 sands as follows: 58,600# 20/40 sand in 464 bbls Lightning 17 fluid. Treated @ avg press of 2080 psi w/avg rate of 24.7 BPM. ISIP 1975 psi. Calc flush: 4760 gal. Actual flush: 4759 gal.
3/16/04	4685'-4695'	Frac C sands as follows: 53,600# 20/40 sand in 449 bbls Lightning 17 fluid. Treated @ avg press of 2810 psi w/avg rate of 24.4 BPM. ISIP 2230 psi. Calc flush: 4683 gal. Actual flush: 4683 gal.
3/16/04	4047' - 4055'	Frac GB6 sands as follows: 27,989# 20/40 sand in 268 bbls Lightning 17 fluid. Treated @ avg press of 1685 psi w/avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4045 gal. Actual flush: 3960 gal.

PERFORATION RECORD

3/09/04	4986'-5018'	2 JSPF	64 holes
3/13/04	4898'-4906'	4 JSPF	32 holes
3/13/04	4803'-4811'	4 JSPF	32 holes
3/13/04	4762'-4768'	4 JSPF	24 holes
3/13/04	4685'-4695'	4 JSPF	40 holes
3/16/04	4047'-4055'	4 JSPF	32 holes



Jonah 6-14-9-16
1882' FNL & 1923 FWL
SENW Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32337; Lease #UTU-096547

Jonah Fed N-14-9-16

Spud Date: 11/10/2008
Put on Production: 11/29/2008

GL: 5682' KB: 5694'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.61')
DEPTH LANDED: 325.46' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class 'g' g cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 157 jts (6281.96')
DEPTH LANDED: 6137.62'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx primite and 425 sx class 'g'
CEMENT TOP AT: 136'

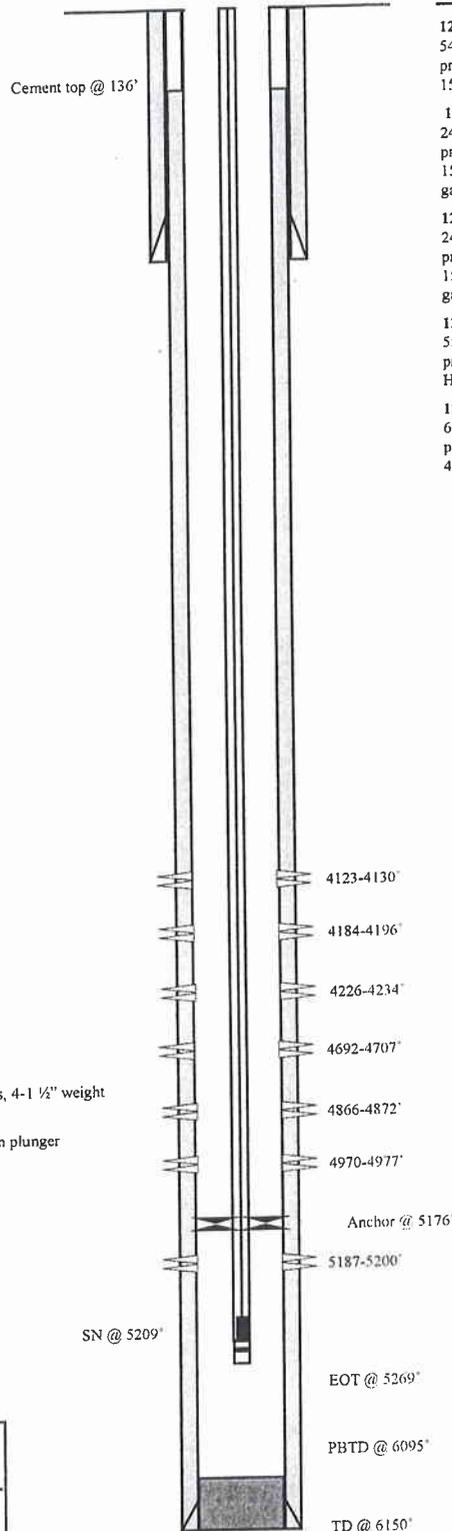
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO. OF JOINTS: 168 jts (5161.43')
TUBING ANCHOR: 5176.13' KB
NO. OF JOINTS: 1 jt (30.36')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5208.59' KB
NO. OF JOINTS: 2 jts (61.36')
TOTAL STRING LENGTH: EOT @ 5269.40'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 2', 8" x 7/8" ponies, 203-7/8" scraped rods, 4-1 1/2" weight bars
PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 18' RHAC pump w/sm plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 4

Wellbore Diagram



FRAC JOB

12/12/08 5187-5200' Frac A3 sds as follows:
54,910# 20/40 sand in 381 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2380 @ ave rate of 23.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1379.

12/17/08 4970-4977' RU BJ & frac B1 sds as follows:
24,046# 20/40 sand in 667 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2400 w/ ave rate of 22 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2107. Actual flush: 4527 gals.

12/17/08 4866-4872' RU BJ & frac stage #3 sds as follows:
24,952# 20/40 sand in 359 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2506 w/ ave rate of 28 bpm w/ 6 ppg of sand. Spot 6 bbls of 15% HCL acid in flush for next stage. ISIP was 1670. Actual flush: 4670 gals.

12/18/08 4692-4707' Frac D1 sds as follows:
55,615# 20/40 sand in 492 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1705 psi @ ave rate of 22.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1924 psi. Actual flush: 4192 gals.

12/18/08 4123-4234' Frac GB sds as follows:
65,538# 20/40 sand in 570 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1731 psi @ ave rate of 22.2 BPM. ISIP 2036 psi. Actual flush: 4036 gals.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/9/08	4123-4130'	4 JSPF	28 holes
12/9/08	4184-4196'	4 JSPF	48 holes
12/9/08	4226-4234'	4 JSPF	32 holes
12/9/08	4692-4707'	4 JSPF	60 holes
12/10/08	4866-4872'	4 JSPF	24 holes
12/10/08	4970-4977'	4 JSPF	56 holes
12/10/08	5187-5200'	4 JSPF	52 holes

NEWFIELD



Jonah N-14-9-16

1823' FSL & 548' FWL

NW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34011 ; Lease # UTU-096547

Jonah Fed H-14-9-16

Spud Date: 10/29/08
Put on Production: 12/23/08

GL: 5575' KB: 5587'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (318.74')
DEPTH LANDED: 330.59' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts (6045.76')
DEPTH LANDED: 6059.01'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx premlite and 425 sx 50/50 poz
CEMENT TOP AT: 42'

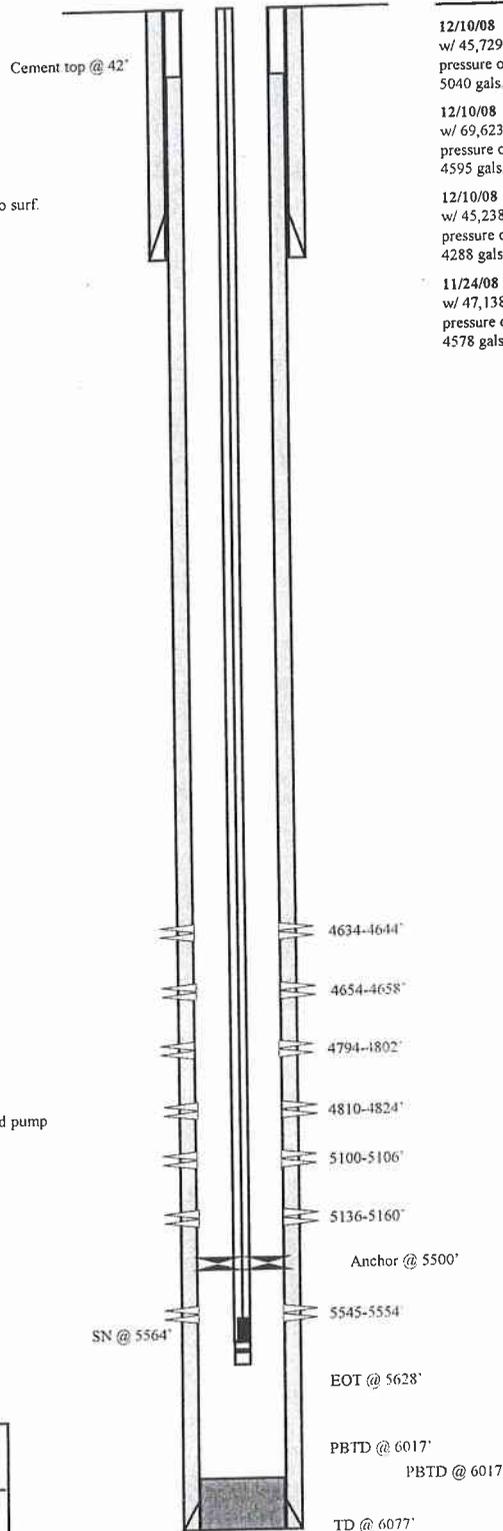
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 178 jts (5487.69')
TUBING ANCHOR: 5499.69' KB
NO. OF JOINTS: 2 jts (61.91')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5564.40' KB
NO. OF JOINTS: 2 jts (62.00')
TOTAL STRING LENGTH: EOT @ 5627.95'

SUCKER RODS

POLISHED ROD: SWIFN w/polished rod
SUCKER RODS: 4-1 1/2" weight bars, 160- 7/8" guided rods
PUMP SIZE: RIH w/ CDI 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump
STROKE LENGTH:
PUMP SPEED, SPM:

Wellbore Diagram



FRAC JOB

12/10/08 5545-5554' Frac CP1 sds as follows:
w/ 45,729 20/40 sand in 463 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2398 psi @ ave rate of 25.6 BPM. ISIP 2072 psi. Actual flush: 5040 gals.

12/10/08 5100-5160' Frac A1 & A3 sds as follows:
w/ 69,623# 20/40 sand in 578 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1905 psi @ ave rate of 25.1 BPM. ISIP 2299 psi. Actual flush: 4595 gals.

12/10/08 4794-4824' Frac C sds as follows:
w/ 45,238# 20/40 sand in 435 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1953 psi @ ave rate of 23.3 BPM. ISIP 2032 psi. Actual flush: 4288 gals.

11/24/08 4634-4658' Frac D1 sds as follows:
w/ 47,138# 20/40 sand in 435 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2131 psi @ ave rate of 23.2 BPM. ISIP 2239 psi. Actual flush: 4578 gals.

PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
12/10/08	4634-4644'	4 JSPF	40 holes
12/10/08	4654-4658'	4 JSPF	16 holes
12/10/08	4794-4802'	4 JSPF	32 holes
12/10/08	4810-4824'	4 JSPF	56 holes
12/10/08	5100-5106'	4 JSPF	24 holes
12/10/08	5136-5160'	4 JSPF	96 holes
12/10/08	5545-5554'	4 JSPF	36 holes

NEWFIELD



Jonah H-14-9-16

1899' FNL & 1909' FEL

SW/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34012; Lease # UTU-096550

Jonah 7-14-9-16

Spud Date: 5/11/03
 Put on Production: 3/25/04
 GL: 5570' KB: 5582'

Initial Production: 160 BOPD,
 160 MCFPD, 51 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 311.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

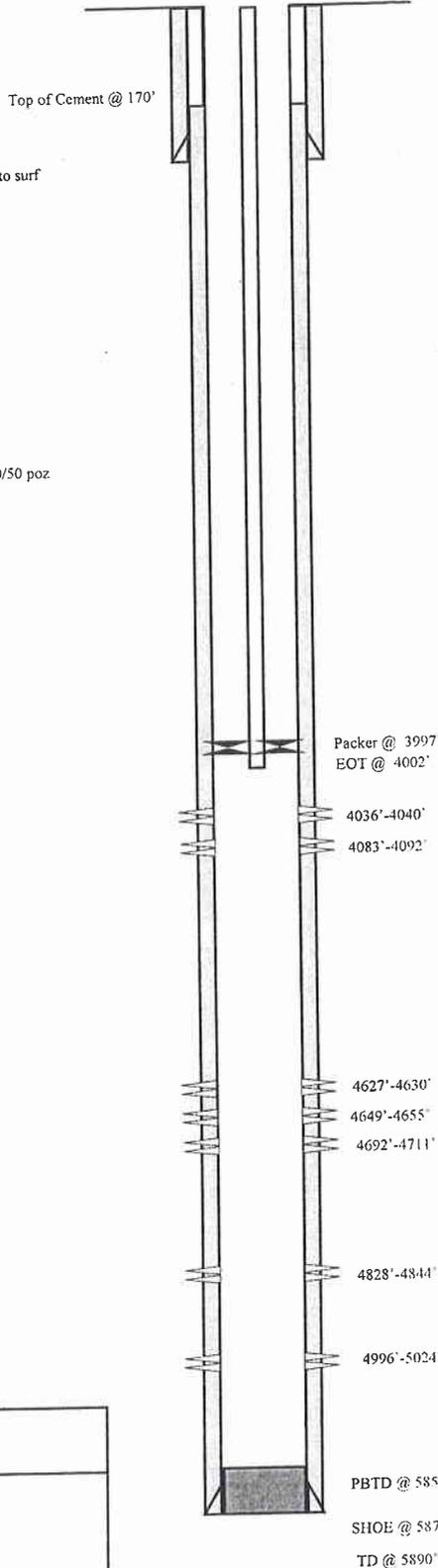
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts, 5876.88'
 DEPTH LANDED: 5875.38'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 376 sxs Premlite II mixed & 400 sxs 50/50 poz
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/AWT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 127 jts, (3980.83')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 3993.33'
 CE @ 3997.53'
 TOTAL STRING LENGTH: EOT @ 4001.63'

Injection Wellbore Diagram



FRAC JOB

3/19/04	4996'-5024'	Frac A3 sands as follows: 100,024# 20/40 sand in 713 bbls lightning Frac 17 fluid. Treated @ avg press of 2152 psi w/avg rate of 24.6 BPM. ISIP 2520 psi. Calc flush: 4994 gal. Actual flush: 4998 gal.
3/19/04	4828'-4844'	Frac B2 sands as follows: 69,957# 20/40 sand in 536 bbls lightning Frac 17 fluid. Treated @ avg press of 1857 psi w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 4826 gal. Actual flush: 4830 gal.
3/19/04	4692'-4711'	Frac C sands as follows: 50,348# 20/40 sand in 417 bbls lightning Frac 17 fluid. Treated @ avg press of 1987 psi w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc flush: 4690 gal. Actual flush: 4704 gal.
3/19/04	4627'-4655'	Frac D3 sands as follows: 24,818# 20/40 sand in 268 bbls lightning Frac 17 fluid. Treated @ avg press of 2542 psi w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc flush: 4625 gal. Actual flush: 4620 gal.
3/19/04	4036'-4092'	Frac GB6 & GB4 sands as follows: 39,524# 20/40 sand in 346 bbls lightning Frac 17 fluid. Treated @ avg press of 2210 psi w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.
11/10/06		Converted to Injection Well
11/10/06		MIT Completed - tbg detail updated

PERFORATION RECORD

3/17/04	4996'-5024'	4 JSPF	112 holes
3/19/04	4828'-4844'	4 JSPF	64 holes
3/19/04	4692'-4711'	4 JSPF	76 holes
3/19/04	4649'-4655'	4 JSPF	24 holes
3/19/04	4627'-4630'	4 JSPF	12 holes
3/19/04	4083'-4092'	4 JSPF	36 holes
3/19/04	4036'-4040'	4 JSPF	16 holes

NEWFIELD



JONAH 7-14-9-16

1944' FNL & 1892' FEL

SW/NE Section 14, T9S R16E

DUCHESNE CO, UTAH

API #43-013-32338; LEASE #UTU-096547



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

Water Analysis Report

Sample ID: WA-48310

Production Company: **NEWFIELD PRODUCTION (158)**
 Well Name: **federal 10-14-9-16**
 Sample Point: **tank**
 Sample Date: **10/18/2010**
 Sales Rep: **Monty Frost**
 Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/18/2010	Cations	mg/L	Anions	mg/L
Temperature (°F):	100	Calcium (Ca):	32.85	Chloride (Cl):	10000.00
Sample Pressure (psig):		Magnesium (Mg):	18.79	Sulfate (SO ₄):	3187.00
Specific Gravity (g/cm ³):	1.0149	Barium (Ba):	14.35	Dissolved CO ₂ :	-
pH:	7.6	Strontium (Sr):	-	Bicarbonate (HCO ₃):	3562.00
Turbidity (NTU):	-	Sodium (Na):	9134.00	Carbonate (CO ₃):	-
Calculated T.D.S. (mg/L):	25956	Potassium (K):	-	H ₂ S:	3.00
Molar Conductivity (µS/cm):	39327	Iron (Fe):	3.38	Phosphate (PO ₄):	-
Resistivity (Mohm):	0.2543	Manganese (Mn):	0.43	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 psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100		2.84	15.61	0.03	-1734.30	0.02	-1983.90	-	-	550.08	24.35	2.08
80	0	2.18	11.15	0.03	1.79	0.02	-2142.50	-	-	846.75	24.36	1.02
100	0	2.84	15.61	0.03	7.22	0.02	-1983.90	-	-	550.07	24.35	1.26
120	0	3.45	18.79	0.03	10.69	0.02	-1737.70	-	-	365.22	24.33	1.40
140	0	4.03	20.92	0.03	12.40	0.03	-1446.20	-	-	247.27	24.29	1.57
160	0	4.54	21.94	0.03	12.47	0.03	-1146.50	-	-	170.31	24.25	1.76
180	0	4.93	22.10	0.03	11.48	0.04	-866.38	-	-	119.20	24.19	1.93
200	0	5.19	21.79	0.03	10.12	0.06	-623.96	-	-	84.56	24.10	1.95
220	2.51	5.29	21.51	0.04	8.89	0.08	-437.26	-	-	59.29	23.98	1.96
240	10.3	5.28	21.12	0.04	7.78	0.12	-284.58	-	-	42.90	23.82	1.99
260	20.76	5.15	20.80	0.04	6.92	0.19	-173.07	-	-	31.31	23.60	2.02
280	34.54	4.94	20.44	0.04	6.26	0.30	-94.96	-	-	23.00	23.32	2.05
300	52.34	4.66	19.88	0.05	5.74	0.51	-41.88	-	-	16.99	22.93	2.08

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

Notes:



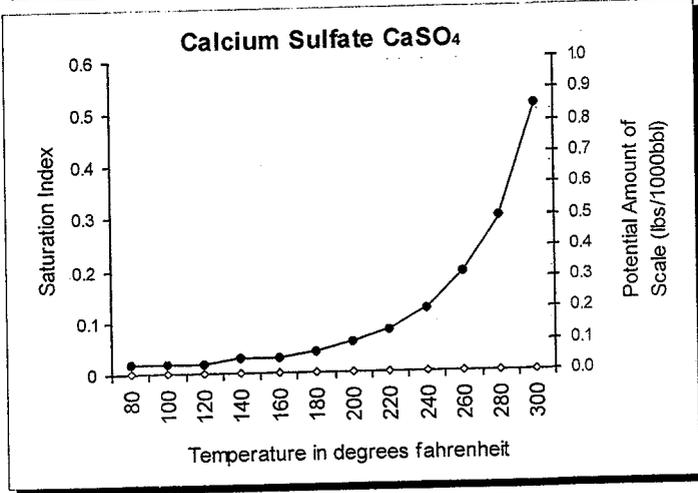
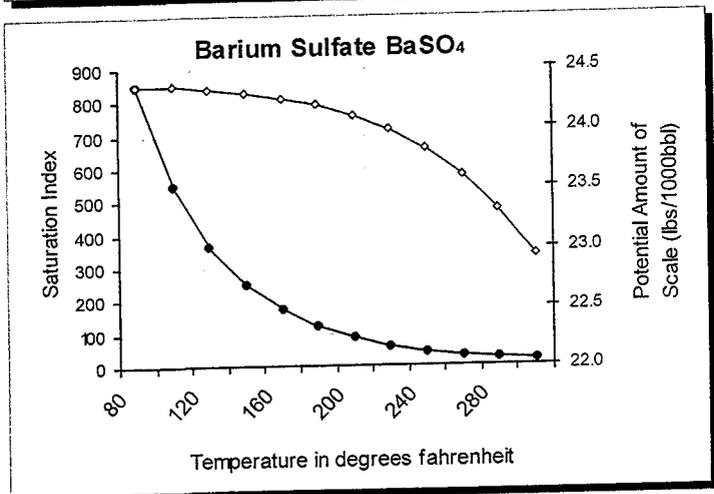
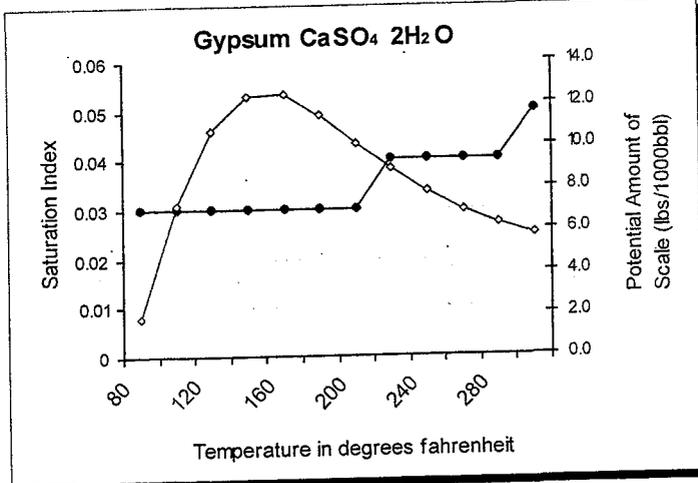
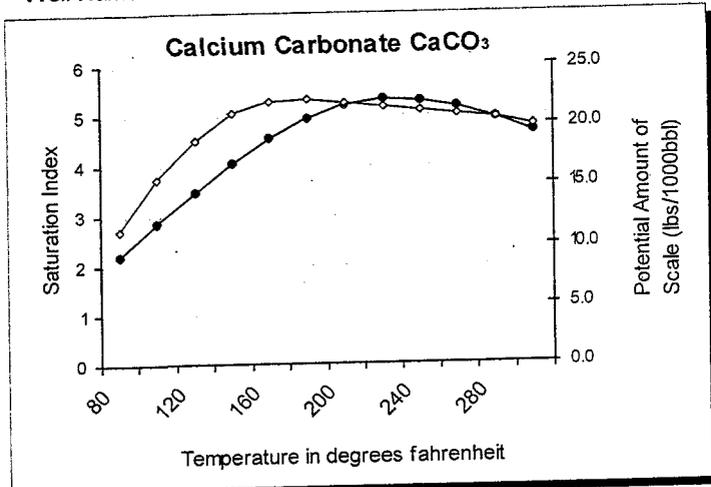
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Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Scale Prediction Graphs

Sample ID: WA-48310

Well Name: federal 10-14-9-16





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

multi-chem

Water Analysis Report

Sample ID: WA-35267

Production Company: **NEWFIELD PRODUCTION (158)**
 Well Name: **Beluga Injection**
 Sample Point: **Tri-plex Suction**
 Sample Date: **1 /5 /2010**
 Sales Rep: **Randy Huber**
 Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	90
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0090
pH:	8.9
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	10446
Molar Conductivity (µS/cm):	15828
Resitivity (Mohm):	0.6318

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	80.00	Chloride (Cl):	5000.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	419.00
Barium (Ba):	1.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1195.00
Sodium (Na):	3720.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	4.50
Iron (Fe):	1.85	Phosphate (PO₄):	-
Manganese (Mn):	0.50	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
90	0	49.24	111.17	0.02	-2085.20	0.01	-2351.30	-	-	12.30	1.56	0.02
80	0	44.16	105.89	0.02	47.31	0.01	-2417.70	-	-	15.21	1.59	0.02
100	0	53.68	113.99	0.02	48.69	0.01	-2260.90	-	-	10.01	1.53	0.02
120	0	60.39	114.38	0.02	48.41	0.02	-2025.80	-	-	6.75	1.45	0.02
140	0	64.25	111.45	0.02	47.46	0.02	-1746.70	-	-	4.64	1.33	0.02
160	0	64.90	105.75	0.03	46.17	0.03	-1453.00	-	-	3.24	1.17	0.02
180	0	62.66	95.44	0.03	44.37	0.04	-1167.30	-	-	2.30	0.96	0.03
200	0	58.21	81.42	0.04	41.69	0.06	-904.51	-	-	1.65	0.67	0.03
220	2.51	52.02	67.58	0.04	37.93	0.09	-682.32	-	-	1.18	0.25	0.03
240	10.3	45.61	54.64	0.05	32.65	0.14	-482.88	-	-	0.86	-0.28	0.03
260	20.76	39.13	43.84	0.05	26.60	0.23	-316.86	-	-	0.63	-0.97	0.02
280	34.54	32.95	35.19	0.05	20.60	0.38	-182.37	-	-	0.47	-1.89	0.02
300	52.34	27.27	28.42	0.06	15.23	0.62	-76.59	-	-	0.35	-3.09	0.02

Notes:

Conclusions:
 Calcium Carbonate scale is indicated at all temperatures 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



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Multi-Chem Group, LLC

Multi-Chem Analytical Laborator

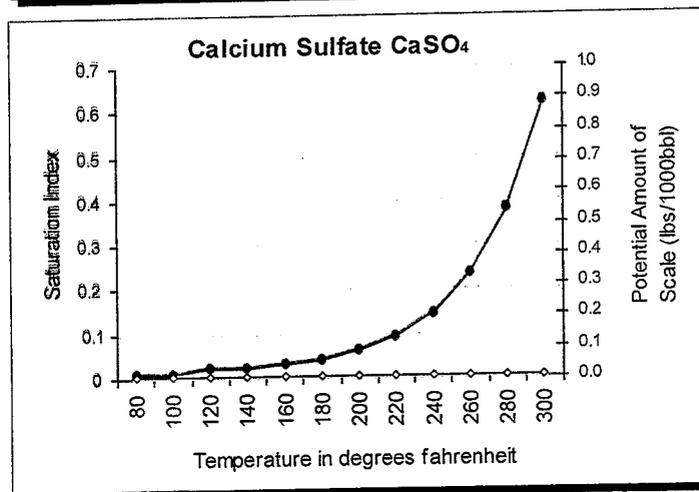
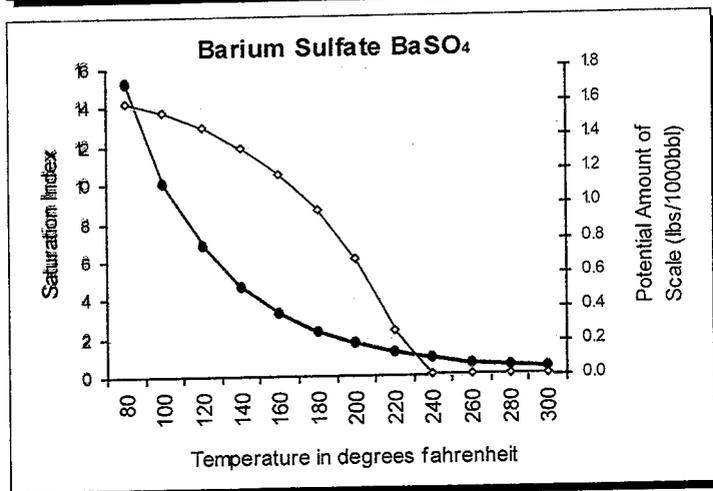
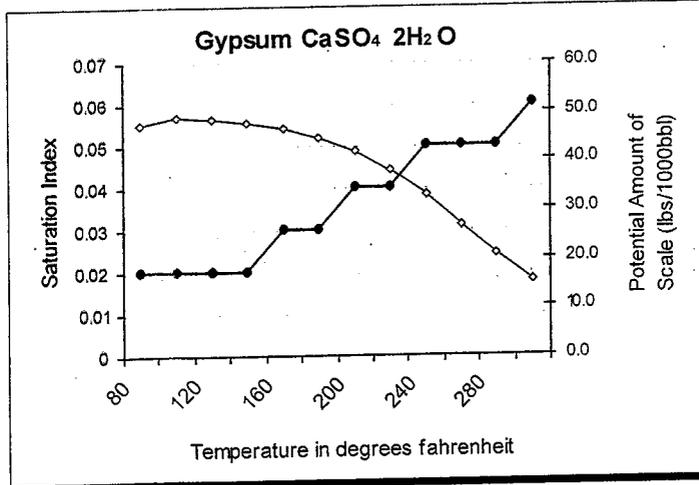
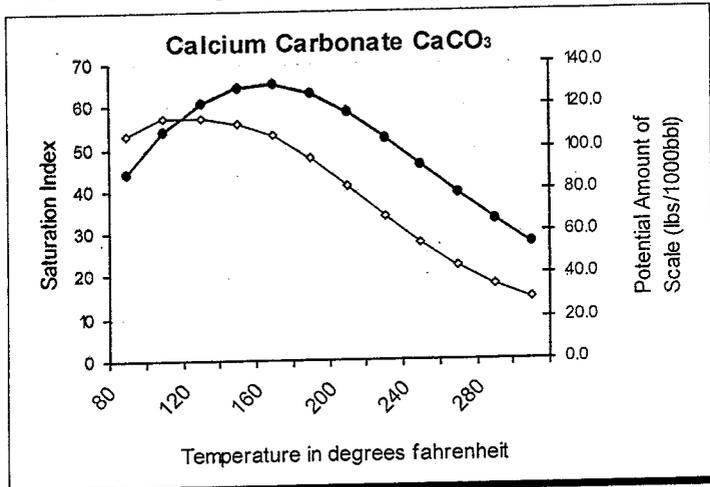
1553 East Highway 40

Vernal, UT 84078

Scale Prediction Graphs

Sample ID: WA-35267

Well Name: Beluga Injection



Attachment "G"

**Jonah Federal #10-14-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5109	5139	5124	2950	1.01	2917
4980	5007	4994	2250	0.88	2218
4808	4817	4813	2300	0.91	2269
3937	3946	3942	2100	0.97	2074
				Minimum	<u>2074</u> ←

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

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

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

NEWFIELD



ATTACHMENT G-1
10/11

DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** 6-11-05 **Day:** 01
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBTD:** 5716'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Jun-05 **SITP:** _____ **SICP:** 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Patterson WLT w/ mast & run CBL under pressure. WLTD @ 5716' & cement top @ 90'. Perforate stage #1, LODC sds @ 5131-5139' & 5109-5113' w/ 4" Port guns (19 gram, .41"HE. 120°) w/ 4 spf for total of 48 shots. 137 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 137 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

COSTS

Weatherford BOP	\$130
NPC NU crew	\$300
NDSI trucking	\$1,400
Patterson WLT	\$5,200
Drilling cost	\$252,289
D&M Hot Oil	\$340
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

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

DAILY COST: \$265,959
TOTAL WELL COST: \$265,959



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** 6-16-05 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBDT:** 5716'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4920'
5060'

PERFORATION RECORD					
Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2	4808- 4817'	4/36			
A3	4980- 5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Jun-05 **SITP:** _____ **SICP:** 2167 psi

Day 2b.
 RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 27' of 4" ported perf guns. Set plug @ 5060'. Perforated A3 sands: 4980- 5007' (2 runs). All 4 SPF for a total of 108 holes. RU BJ Services. 2167 psi on well. Pressure up to 4200 psi, Would not breakdown. RU WL & dump bail acid on A3 sands. RU BJ Services. Frac A3 sands w/ 110,559# of 20/40 (Brown) sand in 774 bbls of Lightning 17 fluid. Broke down @ 3513 psi. Treated w/ ave pressure of 1950 psi @ ave rate of 24.8 BPM. ISIP 2250 psi. Pumped 5 bbls of 15% HCL acid in flush for next stage. RU Black Warrior WL. RIH w/ Weatherford 5 1/2" flow through composite plug & 9' gun. Set plug @ 4920'. Perforate B2 sands: 4808- 17', 4 SPF for a total of 36 holes. SIWFN w/ est 1291 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 517 **Starting oil rec to date:** _____
Fluid lost/recovered today: 774 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1291 **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: A3 sands down csg
8300 gals of pad
5625 gals w/ 1-5 ppg of 20/40 (Brown) sand
11250 gals w/ 5-8 ppg of 20/40 (Brown) sand
2364 gals w/ 8 ppg of 20/40 (Brown) sand
210 gals of 15% HCL acid
Flush w/ 4746 gals of slick water

COSTS

Weatherford BOP	\$65
BJ Services (A3)	\$22,700
Betts wtr & trucking	\$1,826
NPC fuel gas	\$156
Black Warrior (A3)	\$7,462
Weatherford tools/serv	\$2,450
NPC Supervisor	\$150

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

Max TP: 1953 **Max Rate:** 25.1 BPM **Total fluid pmpd:** 774 bbls
Avg TP: 1950 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 110,559#
ISIP: 2250 **5 min:** _____ **10 min:** _____ **FG:** .88
Completion Supervisor: Orson Barney

DAILY COST: \$34,809
TOTAL WELL COST: \$321,721



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** 6-17-05 **Day:** 3a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBD:** 5716'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBD:** 4920'
5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2	4808- 4817'	4/36			
A3	4980- 5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Jun-05 **SITP:** _____ **SICP:** 1165 psi

Day 3a.

RU BJ Services. 1165 psi on well. RU BJ Services. Frac B2 sands w/ 40,877# of 20/40 (Brown) sand in 371 bbls of Lightning 17 fluid. Broke down @ 3990 psi. Treated w/ ave pressure of 2399 psi @ ave rate of 25.1 BPM. ISIP 2300 psi. Pumped 5 bbls of 15% HCL acid in flush for next stage. Leave pressure on well. Est 1662 BWTR.

See Day 3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1291 **Starting oil rec to date:** _____
Fluid lost/recovered today: 371 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1662 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: B2 sands down csg
3200 gals of pad
2500 gals w/ 1-5 ppg of 20/40 (Brown) sand
5324+A18 gals w/ 5-8 ppg of 20/40 (Brown) sand
210 gals of 15% HCL acid
Flush w/ 4536 gals of slick water

COSTS

Weatherford BOP	\$45
BJ Services (B2)	\$11,345
Betts wtr & trucking	\$665
NPC fuel gas	\$56
Black Warrior (B2)	\$2,277
Weatherford tools/serv	\$2,450
NPC Supervisor	\$100

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

Max TP: 2515 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 371 bbls
Avg TP: 2399 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 40,877#
ISIP: 2300 **5 min:** _____ **10 min:** _____ **FG:** .91

Completion Supervisor: Orson Barney

DAILY COST: \$16,938
TOTAL WELL COST: \$338,659



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** 6-17-05 **Day:** 3b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBDT:** 5716'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4760'
4920', 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C	4653-4663'	4/40			
B2	4808-4817'	4/36			
A3	4980-5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Jun-05 **SITP:** _____ **SICP:** 1725 psi

Day 3b.

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 10' of 4" ported perf guns. Set plug @ 4760'. Perforated C sands: 4653- 63'. All 4 SPF for a total of 40 holes. RU BJ Services. 1725 psi on well. Pressure up to 4200 psi, Would not breakdown. RU WL & dump bail acid on C sands. RU BJ Services. Frac C sands w/ 66,264# of 20/40 (Brown) sand in 502 bbls of Lightning 17 fluid. Broke down @ 3384 psi. Treated w/ ave pressure of 2223 psi @ ave rate of 25 BPM. ISIP 2130 psi. Pumped 5 bbls of 15% HCL acid in flush for next stage. Leave pressure on well. Est 2164 BWTR.

See Day 3c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1662 **Starting oil rec to date:** _____
Fluid lost/recovered today: 502 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2164 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: C sands down csg
5000 gals of pad
3319 gals w/ 1-5 ppg of 20/40 (Brown) sand
6622 gals w/ 5-8 ppg of 20/40 (Brown) sand
1511 gals w/ 8 ppg of 20/40 (Brown) sand
210 gals of 15% HCL acid
Flush w/ 4410 gals of slick water

COSTS

Weatherford BOP	\$45
BJ Services (C)	\$15,369
Betts wtr & trucking	\$1,093
NPC fuel gas	\$92
Black Warrior (C)	\$4,570
Weatherford tools/serv	\$2,450
NPC Supervisor	\$100

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

Max TP: 2305 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 502 bbls
Avg TP: 2223 **Avg Rate:** 25 BPM **Total Prop pmpd:** 66,264#
ISIP: 2130 **5 min:** _____ **10 min:** _____ **FG:** .89
Completion Supervisor: Orson Barney

DAILY COST: \$23,719
TOTAL WELL COST: \$362,378



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** 6-17-05 **Day:** 3c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBTD:** 5716'WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4050'
4760', 4920', 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2	3937- 3946'	4/36	_____	_____	_____
C	4653- 4663'	4/40	_____	_____	_____
B2	4808- 4817'	4/36	_____	_____	_____
A3	4980- 5007'	4/108	_____	_____	_____
LODC sds	5109-5113'	4/16	_____	_____	_____
LODC sds	5131-5139'	4/32	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Jun-05 **SITP:** _____ **SICP:** 1500 psi

Day 3c.

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 9' of 4" ported perf guns. Set plug @ 4050'. Perforated GB2 sands: 3937- 46'. All 4 SPF for a total of 36 holes. RU BJ Services. 1500 psi on well. Frac GB2 sands w/ 29,376# of 20/40 (Brown) sand in 281 bbls of Lightning 17 fluid. Broke down @ 2678 psi. Treated w/ ave pressure of 1585 psi @ ave rate of 14.3 BPM. ISIP 2100 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Rec. 164 BTF (7% of total frac load). SIWFN. Est 2281 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2164 **Starting oil rec to date:** _____
Fluid lost/recovered today: 117 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2281 **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: GB2 sands down csg

- 2400 gals of pad
- 1875 gals w/ 1-5 ppg of 20/40 (Brown) sand
- 3663 gals w/ 5-8 ppg of 20/40 (Brown) sand
- Flush w/ 3864 gals of slick water
- _____
- _____
- _____

COSTS

Weatherford BOP	\$45
BJ Services (GB2)	\$4,310
Betts wtr & trucking	\$523
NPC fuel gas	\$44
Black Warrior (GB2)	\$3,526
Weatherford tools/serv	\$2,040
NPC Supervisor	\$100
NPC trucking	\$400
Betts wtr transfer	\$400
_____	_____
_____	_____

Max TP: 1644 **Max Rate:** 14.6 BPM **Total fluid pmpd:** 281
Avg TP: 1585 **Avg Rate:** 14.3 BPM **Total Prop pmpd:** 29,376#
ISIP: 2100 **5 min:** _____ **10 min:** _____ **FG:** .97
Completion Supervisor: Orson Barney

DAILY COST: \$11,388
TOTAL WELL COST: \$373,766

NEWFIELD



ATTACHMENT G-1

7 of 11

DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** June 18, 2005 **Day:** 04
Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBDT:** 5716'WL
Tbg: Size: 2 7/8 Wt: 6.5# **Grd:** J-55 **Pkr/EOT @:** 3632' **BP/Sand PBDT:** 4050'
4760', 4920', 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB2</u>	<u>3937- 3946'</u>	<u>4/36</u>	_____	_____	_____
<u>C</u>	<u>4653- 4663'</u>	<u>4/40</u>	_____	_____	_____
<u>B2</u>	<u>4808- 4817'</u>	<u>4/36</u>	_____	_____	_____
<u>A3</u>	<u>4980- 5007'</u>	<u>4/108</u>	_____	_____	_____
<u>LODC sds</u>	<u>5109-5113'</u>	<u>4/16</u>	_____	_____	_____
<u>LODC sds</u>	<u>5131-5139'</u>	<u>4/32</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 17, 2005 **SITP:** _____ **SICP:** 0

MIRU Western #1. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Graco Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "chomp" bit, bit sub & new Husteel 2 7/8 8rd 6.5# J-55 tbg to 3632'. RU pump and circ hole W/ clean wtr. SIFN W/ est 2281 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2281 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2281 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

COSTS

<u>Western #1 rig</u>	<u>\$2,003</u>
<u>Weatherford BOP</u>	<u>\$140</u>
<u>Graco BOP</u>	<u>\$155</u>
<u>NDSI trucking</u>	<u>\$1,500</u>
<u>NPC wtr & truck</u>	<u>\$400</u>
<u>NPC trucking</u>	<u>\$300</u>
<u>Aztec - new J55 tbg</u>	<u>\$29,324</u>
<u>Unichem chemicals</u>	<u>\$350</u>
<u>NPC sfc equipment</u>	<u>\$120,000</u>
<u>NPC labor & welding</u>	<u>\$8,000</u>
<u>Mt. West sanitation</u>	<u>\$500</u>
<u>Monks pit reclaim</u>	<u>\$1,800</u>
<u>NPC supervision</u>	<u>\$300</u>
DAILY COST:	<u>\$164,772</u>
TOTAL WELL COST:	<u>\$538,538</u>

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 COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** June 21, 2005 **Day:** 05
Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8-5/8' @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBDT:** 5766'
Tbg: Size: 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 5701' **BP/Sand PBDT:** 5766'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2	3937- 3946'	4/36			
C	4653- 4663'	4/40			
B2	4808- 4817'	4/36			
A3	4980- 5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 20, 2005 **SITP:** 0 **SICP:** 0

Con't PU & TIH W/ bit & tbg f/ 3632'. Tag fill @ 3819'. Tbg displaced 9 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows: sd @ 3819', plug 4050' in 27 minutes; sd @ 4699', plug @ 4760' in 31 minutes; sd @ 4829', plug @ 4920' in 26 minutes; no sd, plug @ 5060' in 26 minutes. Hang back swivel & con't PU jts. Tag fill @ 5652'. PU swivel. Drill plug remains in 12 minutes, then C/O sd to PBDT @ 5766'. Circ hole clean. Lost no fluid during cleanout. RD swivel. Pull EOT to 5701'. SIFN W/ est 2272 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2281 **Starting oil rec to date:** _____
Fluid lost/recovered today: 9 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2272 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

COSTS

Western #1 rig	\$3,925
Graco BOP	\$155
Tiger trucking	\$1,000
Tiger tks (8 days)	\$960
RNI wtr disposal	\$3,000
NPC location cleanup	\$300
CDI TA	\$481
CDI SN	\$75
Four Star swivel	\$500
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: \$10,696
TOTAL WELL COST: \$549,234



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16 **Report Date:** June 23, 2005 **Day:** 07
Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8-5/8" @ 315' **Prod Csg:** 5-1/2" @ 5810' **Csg PBDT:** 5766'
Tbg: Size: 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5091' **BP/Sand PBDT:** 5766'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2	3937- 3946'	4/36			
C	4653- 4663'	4/40			
B2	4808- 4817'	4/36			
A3	4980- 5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 22, 2005 **SITP:** 0 **SICP:** 0

Con't PU & TIH W/ pump and "A" grade rod string f/ 3875' (complete as follows): new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrappered rods, 90-3/4" plain rods, 99-3/4" scrappered rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ rig to 800 psi. Good pump action. RDMOSU. Est 2195 BWTR.

****WO sfc equipment**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2193 **Starting oil rec to date:** 5
Fluid lost/recovered today: 2 **Oil lost/recovered today:** 0
Ending fluid to be recovered: 2195 **Cum oil recovered:** 5
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 22' polished rod	Western #1 rig \$511
156 2 7/8 J-55 tbg (5079.07')	1-8', 1-6' & 1-2' X 3/4" ponies	CDI rod pump \$1,300
TA (2.80' @ 5091.07' KB)	99-3/4" scrappered rods	"A" grade rod string \$10,883
2 2 7/8 J-55 tbg (64.14')	90-3/4" plain rods	NPC frac tks(3X6 dys) \$720
SN (1.10' @ 5158.01' KB)	10-3/4" scrappered rods	NPC swb tk (4 days) \$160
2 2 7/8 J-55 tbg (65.04')	6-1 1/2" weight rods	NPC frac head \$500
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	Zubiate HO trk \$250
EOT 5224.60' W/ 12' KB	RHAC pump W/ SM plunger	NPC supervision \$300

DAILY COST: \$14,624

TOTAL WELL COST: \$568,601

Completion Supervisor: Gary Dietz



DAILY COMPLETION REPORT

WELL NAME: Jonah 10-14-9-16

Report Date: 6-24-05

Day: 08

Operation: Completion

Rig: Western #1

WELL STATUS

Surf Csg: 8-5/8' @ 315'
Tbg: Size: 2 7/8 Wt: 6.5#

Prod Csg: 5-1/2" @ 5810'
Grd: J-55 Anchor @: 5091'

Csg PBDT: 5766'
BP/Sand PBDT: 5766'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2	3937- 3946'	4/36			
C	4653- 4663'	4/40			
B2	4808- 4817'	4/36			
A3	4980- 5007'	4/108			
LODC sds	5109-5113'	4/16			
LODC sds	5131-5139'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-23-05

SITP: 0 SICP: 0

RU Weatherford. Install horse head on unit, hang off rods. Adjust tag. PWOP @ 9:00 am w/ 86" SL & 5 SPM. Final report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2195
Fluid lost/recovered today: 0
Ending fluid to be recovered: 2195
IFL: _____ FFL: _____ FTP: _____

Starting oil rec to date: _____
Oil lost/recovered today: _____
Cum oil recovered: _____
Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB 12.00'
156 2 7/8 J-55 tbg (5079.07')
TA (2.80' @ 5091.07' KB)
2 2 7/8 J-55 tbg (64.14')
SN (1.10' @ 5158.01' KB)
2 2 7/8 J-55 tbg (65.04')
2 7/8 NC (.45')
EOT 5224.60' W/ 12' KB

1 1/2" X 22' polished rod
1-8', 1-6' & 1-2' X 3/4" ponies
99-3/4" scraped rods
90-3/4" plain rods
10-3/4" scraped rods
6-1 1/2" weight rods
CDI 2 1/2" X 1 1/2" X 15'
RHAC pump W/ SM plunger

NPC supervision \$300

DAILY COST: \$300

TOTAL WELL COST: \$568,901

Completion Supervisor: Brent Cook

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3887'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 177' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" Cement down 5-1/2" casing to 365'

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

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

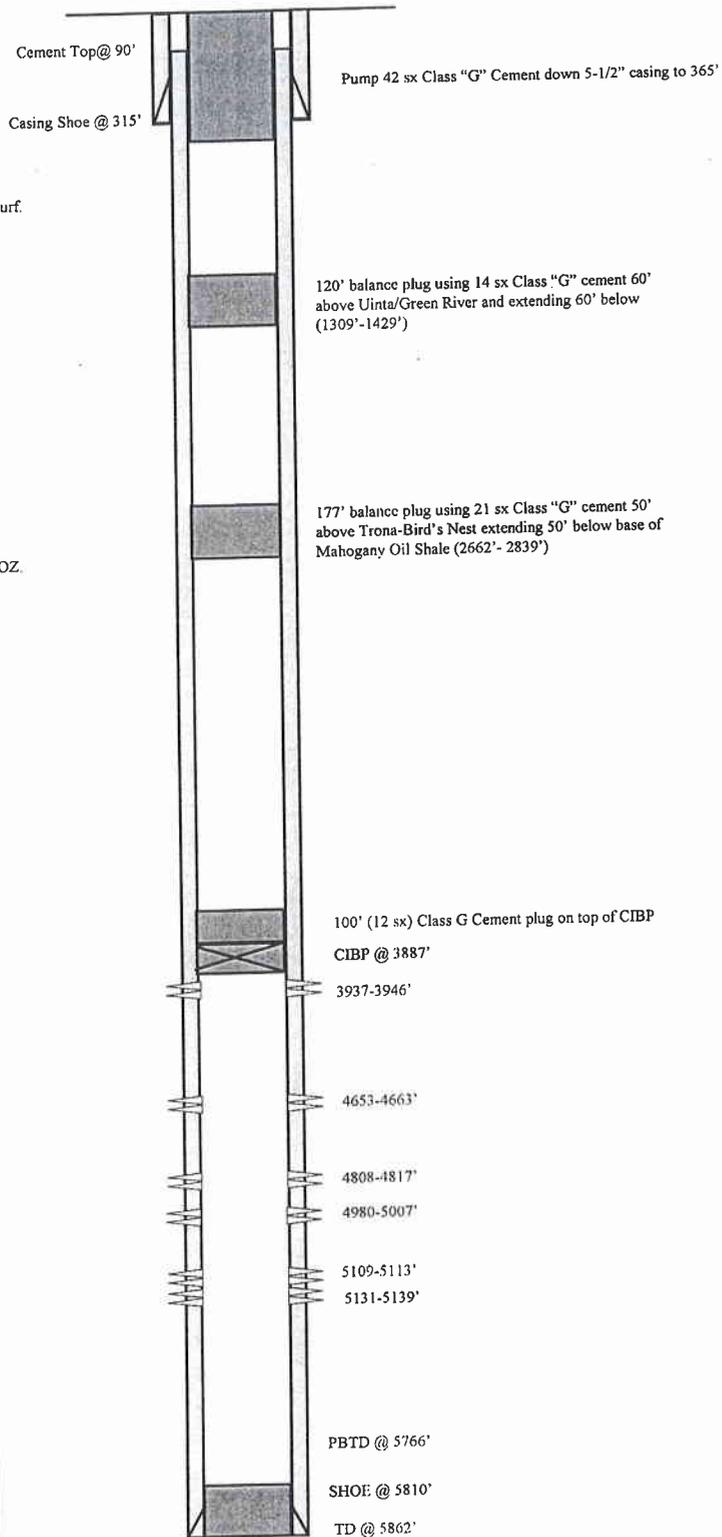
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303')
 DEPTH LANDED: 314.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5796.74')
 DEPTH LANDED: 5809.99' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'



NEWFIELD

Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-096547

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 are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1730 FSL 1820 FEL
 NWSE Section 14 T9S R16E

5. Lease Serial No.
 USA UTU-096547

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 JONAH FEDERAL 10-14-9-16

9. API Well No.
 4301332662

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Eric Sundberg
 Signature _____

Title
 Regulatory Lead

Date
 11/9/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: JONAH FED 10-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013326620000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
PHONE NUMBER: 435 646-4825 Ext		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/7/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR
		<input type="checkbox"/> CHANGE WELL NAME
		<input type="checkbox"/> CONVERT WELL TYPE
		<input type="checkbox"/> NEW CONSTRUCTION
		<input type="checkbox"/> PLUG BACK
		<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
		<input type="checkbox"/> TEMPORARY ABANDON
		<input type="checkbox"/> WATER DISPOSAL
		<input type="checkbox"/> APD EXTENSION
		OTHER: <input type="text" value="W/O MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 10/03/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 10/07/2014 the csg was pressured up to 1191 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 560 psig during the test. There was not a State representative available to witness the test.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 17, 2014</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 10/14/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 10/7/14 Time 8:30 am pm
Test Conducted by: EVERETT UIRAH
Others Present: _____

Well: JONAH 10-14-9-14 Field: Monument Butte
Well Location: NWSE Sec 14 T9S R16E API No: 43-013-32662
Duchesne County, UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1192</u>	psig
5	<u>1192</u>	psig
10	<u>1192</u>	psig
15	<u>1192</u>	psig
20	<u>1192</u>	psig
25	<u>1192</u>	psig
30 min	<u>1191</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

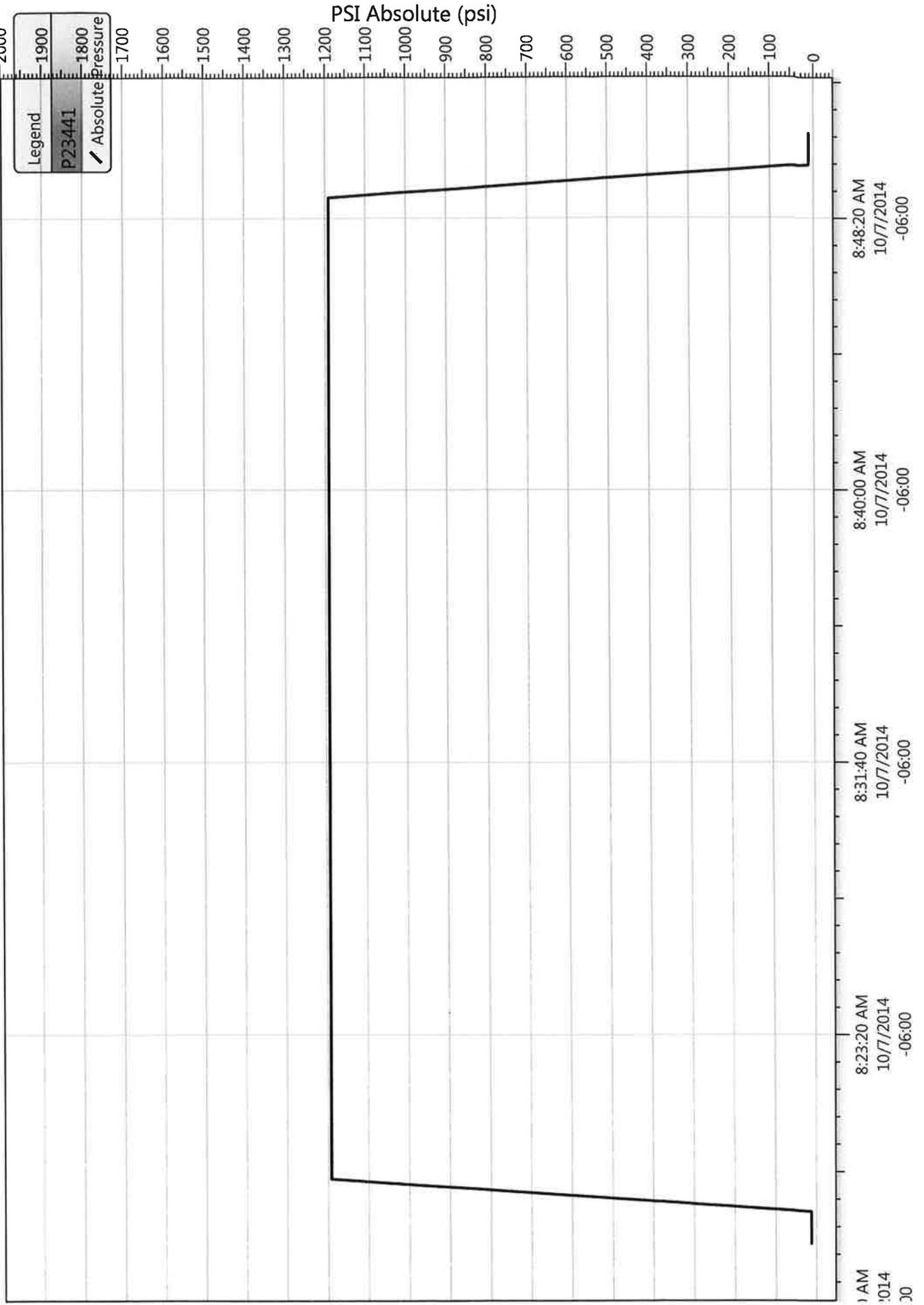
Tubing pressure: 560 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Everett Uirah

Jonah 10-14-9-16 (10/7/2014, Workover MIT)

10/7/2014 8:16:02 AM





Well Name: Jonah 10-14-9-16

Job Detail Summary Report

Primary Job Type Repairs	Job Start Date 9/23/2014	Job End Date 10/7/2014
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Daily Operations

Report Start Date 9/23/2014	Report End Date 9/23/2014	24hr Activity Summary MIRU
Start Time 06:00	End Time 07:00	Comment CREW TRAVEL TO LOCATION FROM HOME
Start Time 07:00	End Time 08:00	Comment SAFETY MEETING, CHECK PRESSURES SITP 100 PSI, SICP -25 PSI, BLEED DOWN 2 7/8" J-55 TUBING TO ZUBIATE FLOW BACK TANK, BACK HO SHOWED UP LEVEL IN FRONT OF WELL HEAD, DUG EARTH PIT
Start Time 08:00	End Time 09:00	Comment SPOT IN TEE SEAL, SPOT IN RIG, LEVEL UP RIG, RIG UP, RELEVEL UP RIG, STRETCH GUIDED WIRES, PRESSURE 5 1/2" CASING TO 1400 PSI IN 45 MIN LOST 100 PSI AND WAS HOLDING BLEED DOWN CASING, RIG UP GIN POLES ON WINCH TRUCK, CHANGE PIPE RAMS FROM 2 3/8" TO 2 7/8"
Start Time 09:00	End Time 10:30	Comment DROP 2 7/8" STANDING VALVE, RIG UP SAND LINE W/ FISHING TOOL, PUMP 40 BBLs OF WATER DOWN TO SEAT STANDING VALVE, PUMPED W/ 1800 PSI IN 2ND GEAR, CASING BLOWING & SUCKING (USED A BAG ON VALVE), DECIDED TO QUIT MESSING W/ TBG QUIT PUMPING TBG HOLDING AT 1700 PSI FOR 5 MINUTES CASING DOING NOTHING
Start Time 10:30	End Time 11:00	Comment HOOK UP TO ZUBIATE FLOW BACK TANK TO BLEED DOWN TUBING, REMOVE HOT OILERS 90 & SEEN STAND VALVE AT INJECTION TREE VALVE
Start Time 11:00	End Time 13:45	Comment PUSH STAND VALVE DOWN HOOK UP SAND LINE LUBRICATOR TO WELL HEAD, PUSH STAND VALVE DOWN WITH WEIGHT BARS & HOOK UP HOT OILER & PUMP TO HELP PUSH STAND VALVE DOWN TO SEAT NIPPLE @ 3917', SEATED STANDING VALVE, REMOVE SAND LINE, PRESSURE TUBING TO 3500 PSI (11:30 AM) CASING DOING NOTHING, 30 MIN LOST 150 PSI (12:00 PM), 30 MIN LOST 100 PSI (12:30 PM), 30 MIN LOST 50 PSI (1:00 PM), 45 MIN LOST 0 PSI (3200 PSI @ 1:45 PM) BLEED DOWN TUBING, HOOK UP TO CASING & PRESSURE CASING TO 1400 PSI (1:35 PM)
Start Time 13:45	End Time 14:15	Comment RUN IN HOLE W/ SAND LINE TO FISH STANDING VALVE @ 3917', COME OUT OF HOLE, LAY DOWN SAND LINE LUBRICATOR
Start Time 14:15	End Time 15:00	Comment WATCH PRESSURE ON CASING 40 MIN LOST 50 PSI (1350 PSI @ 2:15 PM) CALL FOR MIT TEST, RUSTY WANTS TO PULL TUBING TO CHANGE OUT PACKER CAUSE IN 24 HOURS THE PRESSURE ON TUBING & CASING MATCH UP SMALL HOLE SOME WHERE
Start Time 15:00	End Time 16:30	Comment NIPPLE DOWN WELL HEAD, ADD 2 7/8" L-80 X 8' PUP SUB, UNSET 5 1/2" PACKER @ 3925', NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS, BLINDS IN OPEN POSITION) RIG UP FLOOR, RIG UP TUBING EQUIPMENT, INSTALL WIPING RUBBER
Start Time 16:30	End Time 17:30	Comment PULL TO DERRICK W/ 82 JOINTS 2 7/8" J-55 TUBING, TONGS BROKE DOWN, HAD TO BREAK JOINT FROM STRING WITH 36" PIPE WRENCH & CHEATER PIPE TO BE ABLE TO REMOVE TUBING TONGS
Start Time 17:30	End Time 18:00	Comment CHANGE OUT TUBING TONGS, LOAD TONGS INTO MY TRUCK TO TAKE TO SHOP, SHUT IN WELL SDFN
Start Time 18:00	End Time 19:00	Comment TRAVEL HOME FROM LOCATION
Report Start Date 9/24/2014	Report End Date 9/24/2014	24hr Activity Summary POOH W/ TBG, CHANGE OUT PACKERS, RIH W/ TBG, DROP STD VALVE & PRESSURE TEST TBG
Start Time 06:00	End Time 07:00	Comment CREW TRAVEL FROM HOME TO LOCATION



Well Name: Jonah 10-14-9-16

Job Detail Summary Report

Start Time	End Time	Comment
07:00	07:30	SAFETY MEETING (INSPECT EQUIPMENT), CHECK PRESSURE SITP - 50 PSI, SICP - 100 PSI, BLEED DOWN CSG TO EARTH PIT
07:30	08:30	PULL TO DERRICK WITH 38 JOINTS 2 7/8" J-55 TUBING, LAY DOWN 5 1/2" PACKER, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 2 3/8" PUP JOINT, 2 7/8" X 2 3/8" CROSS OVER
08:30	09:15	MAKE UP NEW 2 3/8" XN NIPPLE, 2 3/8" PUP SUB, 2 3/8" X 2 7/8" CROSS OVER, 5 1/2" PACKER, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, RUN IN HOLE WITH 2 7/8" J-55 TUBING, ADD 2 7/8" X 8" PUP SUB, DROP 2 7/8" STANDING VALVE (WATER FLOWING OVER TUBING)
09:15	10:45	PUMP 20 BBLs @ 80 DEGREES TO GET STANDING VALVE TO SEAT, PRESSURE TUBING TO 3000 PSI, WATCH PRESSURE, 15 MIN GAINED 50 PSI (9:45 AM), 15 MIN GAINED 25 PSI (10 AM), 15 MIN GAINED 25 PSI (10:15 AM), 15 MIN HELD @ 3100 PSI (10:30 AM), 15 MIN HELD @ 3100 PSI - GOOD TEST (10:45 AM), RIG UP SAND LINE W/ BABY RED FISH TOOL
10:45	11:15	RUN IN W/ SAND LINE & BABY RED FISH TOOL, LATCH ONTO STANDING VALVE @ 3917, COME OUT OF HOLE W/ SAND LINE & STANDING VALVE. RIG DOWN SAND LINE LUBRICATOR
11:15	12:00	RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET 5 1/2" PACKER @ 3925' W/ 16K # TENTION, NIPPLE UP WELL HEAD, PUMP PACKER FLUID & 1/2 BBL TO FILL HOLE & PRESSURE CASING TO 1650 PSI, TUBING FLOWING TO ZUBIATE TANK
12:00	19:30	WATCH PRESSURE ON CASING, 15 MIN LOST 100 PSI (12:15 PM), 20 MIN LOST 80 PSI (12:35 PM), 45 MIN LOST 80 PSI (1:15 PM), 25 MIN LOST 60 PSI (1:40 PM), 35 MIN LOST 80 PSI (2:15 PM), 15 MIN LOST 60 PSI (2:30 PM), 20 MIN LOST 60 PSI (2:50 PM), 15 MIN LOST 30 PSI (11:00 PSI @ 3:05 PM), 15 MIN LOST 20 PSI (3:20 PM), 40 MIN LOST 60 PSI (10:20 PSI TOTAL LOST FOR 4 HRS IS 630 PSI) PRESSURE CASING TO 1640 PSI (4 PM), 30 MIN LOST 40 PSI (4:30 PM), 15 MIN LOST 40 PSI (4:45 PM), 20 MIN LOST 40 PSI (5:05 PM), 25 MIN LOST 40 PSI (5:30 PM), 30 MIN LOST 40 PSI (6 PM), 30 MIN LOST 40 PSI (6:30 PM), 15 MIN LOST 40 PSI (6:45 PM) SHUT IN TUBING WITH PRESSURE GAUGE, 15 MIN LOST 20 PSI (7:00 PM), 15 MIN LOST 20 PSI (7:15 PM), 15 MIN LOST 20 PSI (1:300 PSI @ 7:30 PM) SIW SDFN
19:30	20:30	CREW TRAVEL
24hr Activity Summary		
Report Start Date 9/25/2014	Report End Date 9/25/2014	PRESSURE TEST WELL - CONDUCT MIT
Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOCATION
07:00	08:00	SAFETY MEETING (WORKING AROUND PRESSURE), CHECK IN PRESSURE SICP - 900 PSI, SITP - 500 PSI, WATCH PRESSURE
08:00	10:30	PRESSURE CASING UP TO 1700 PSI, OPEN TUBING UP TO BLEED DOWN PRESSURE TO ZUBIATE FLOW BACK TANK, 30 MIN GAINED 50 PSI, 30 MIN LOST 50 PSI, 30 MIN LOST 0 PSI, 30 MIN LOST 0 PSI, 30 MIN LOST 0 PSI (PRESSURE GAUGE READING 1700 PSI @ 10:30 AM) CALLED FOR MIT TEST
10:30	12:00	WENT TO FIND OTHER LOCATION & GET PAPER WORK FOR NEW LOCATION, WATCH PRESSURE ON CASING
12:00	13:00	GOT BACK PRESSURE @ 1540 PSI, WATCH PRESSURE NO LOSS 1 HOUR



Well Name: Jonah 10-14-9-16

Job Detail Summary Report

Start Time	13:00	End Time	14:00	Comment
Start Time	14:00	End Time	18:30	Comment
Start Time	18:30	End Time	19:30	Comment
Report Start Date	9/26/2014	Report End Date	9/26/2014	24hr Activity Summary
Start Time	06:30	End Time	07:30	Comment
Start Time	07:30	End Time	10:00	Comment
Start Time	10:00	End Time	10:45	Comment
Start Time	10:45	End Time	12:00	Comment
Report Start Date	10/7/2014	Report End Date	10/7/2014	24hr Activity Summary
Start Time	08:20	End Time	08:50	Comment

Comment
RIG UP PUMPER FOR MIT TEST, STARTING PRESSURE 1380 PSI (MY GAUGE READING 1540 PSI), 30 MIN MIT TEST LOST 40 PSI ENDING PRESSURE @ 1340 PSI, BLEED DOWN CASING, HOOK CASING UP TO INJECTION LINE & PRESSURE CASING TO 1340 PSI, RIG DOWN PUMPER, SHUT IN TUBING, PUMPER LEFT HIS GAUGE

Comment
60 MIN LOST 60 PSI (3 PM), 30 MIN LOST 30 PSI (3:30 PM), 30 MIN LOST 20 PSI (1220 PSI) TUBING @ 350 PSI (4 PM), 15 MIN LOST 20 PSI (4:15 PM), 15 MIN LOST 20 PSI (1210 PSI) TUBING @ 350 PSI @ 4:30 PM) PRESSURE CASING TO 1525 PSI, 15 MIN LOST 0 PSI (4:45 PM), 15 MIN LOST 15 PSI (5 PM), 15 MIN LOST 10 PSI (CASING @ 1500 PSI, TUBING @ 400 PSI @ 5:15 PM), 15 MIN LOST 10 PSI (5:30 PM), 15 MIN LOST 10 PSI (5:45 PM), 15 MIN LOST 0 PSI (CGS @ 1475 PSI,TBG @ 425 PSI @ 6 PM), 15 MIN LOST 0 PSI (6:15 PM), 15 MIN LOST 0 PSI (6:30 PM) SIW SDFN PRESSURE @ END OF DAY CASING 1475 PSI & TUBING 425 PSI

Comment
CREW TRAVEL HOME FROM LOCATION

Comment
CREW TRAVEL TO LOCATION

Comment
SAFETY MEETING (WORKING WITH A FULL STOMACH), CHECK PRESSURES SITP - 500 PSI, SICP - 1300 PSI, (13 HOURS PRESSURE DECREASED BY 175 PSI), 30 MIN LOST 25 PSI (8 AM), 30 MIN LOST 0 PSI & TUBING GAINED 25 PSI (8:30 AM), 15 MIN LOST 0 PSI (CGS = 1275 PSI, TBG = 525 PSI @ 8:45 AM), 15 MIN LOST 0 PSI (9 AM), 15 MIN LOST 0 PSI (9:15 AM), 15 MIN LOST 0 PSI (9:30 AM) CALL FOR MIT TEST @ 9:40 AM, WATCH PRESSURE ON CASING & TUBING

Comment
RIG UP PUMPER FOR MIT TEST, STARTING PRESSURE 1295.2 PSI ENDING PRESSURE 1290 PSI LOST 5 PSI - GOOD TEST RIG DOWN PUMPER

Comment
CHANGE OVER BLOCKS, RIG DOWN, PICK UP LOCATION SIW FINAL REPORT

Comment
On 10/03/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 10/07/2014 the csg was pressured up to 1191 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 560 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Jonah 10-14-9-16

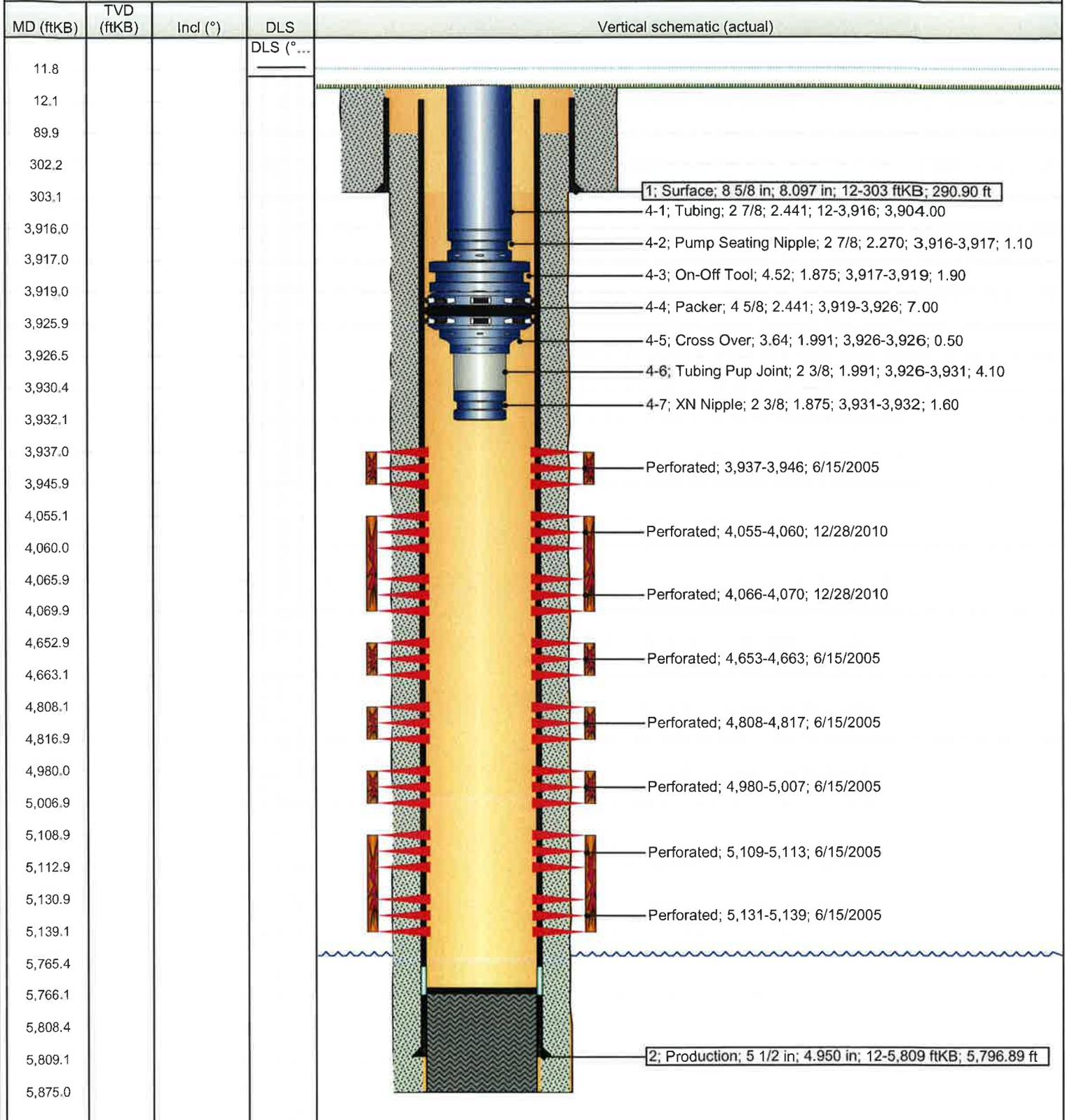
Surface Legal Location 14-9S-16E		API/UWI 43013326620000	Well RC 500151746	Lease	Slate/Province Utah	Field Name GMBU CT B5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 6/23/2005	Original KB Elevation (ft) 5,619	Ground Elevation (ft) 5,607	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,766.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 9/23/2014	Job End Date 10/7/2014
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	---------------------------

TD: 5,875.0

Vertical - Original Hole, 10/14/2014 8:06:35 AM



NEWFIELD

Newfield Wellbore Diagram Data
Jonah 10-14-9-16

Surface Legal Location 14-9S-16E		API/UWI 43013326620000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 5/18/2005		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,619		Ground Elevation (ft) 5,607		Total Depth (ftKB) 5,875.0	
				Total Depth All (TVD) (ftKB) 5,875.0	
				PBTD (All) (ftKB) Original Hole - 5,766.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/18/2005	8 5/8	8.097	24.00	J-55	303
Production	5/26/2005	5 1/2	4.950	15.50	K-55	5,809

Cement

String: Surface, 303ftKB 5/19/2005

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 303.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,809ftKB 5/26/2005

Cementing Company	Top Depth (ftKB) 90.0	Bottom Depth (ftKB) 5,875.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 310	Class PREMLITE II	Estimated Top (ftKB) 90.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed	Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Tubing		9/23/2014		3,932.2				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	120	2 7/8	2.441	6.50	J-55	3,904.00	12.0	3,916.0
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,916.0	3,917.1
On-Off Tool	1	4.515	1.875			1.90	3,917.1	3,919.0
Packer	1	4 5/8	2.441			7.00	3,919.0	3,926.0
Cross Over	1	3.635	1.991			0.50	3,926.0	3,926.5
Tubing Pup Joint	1	2 3/8	1.991			4.10	3,926.5	3,930.6
XN Nipple	1	2 3/8	1.875			1.60	3,930.6	3,932.2

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	GB2, Original Hole	3,937	3,946	4			6/15/2005
6	GB6, Original Hole	4,055	4,060	3			12/28/2010
6	GB6, Original Hole	4,066	4,070	3			12/28/2010
4	C, Original Hole	4,653	4,663	4			6/15/2005
3	B2, Original Hole	4,808	4,817	4			6/15/2005
2	A3, Original Hole	4,980	5,007	4			6/15/2005
1	LODC, Original Hole	5,109	5,113	4			6/15/2005
1	LODC, Original Hole	5,131	5,139	4			6/15/2005

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)
5	2,100	0.97	14.6	1,644			
2	2,250	0.88	25.1	1,953			
1	2,950	1.01	25.1	3,419			
4	2,130	0.89	25.2	2,305			
3	2,300	0.91	25.2	2,515			
6	1,863	0.89	15.0	2,950			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
5		Proppant White Sand 29376 lb
2		Proppant White Sand 110559 lb
1		Proppant White Sand 40877 lb
4		Proppant White Sand 66264 lb

NEWFIELD

Newfield Wellbore Diagram Data Jonah 10-14-9-16



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant White Sand 40877 lb
6		Proppant White Sand 46694 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: JONAH FED 10-14-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326620000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMBINGLE 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"/> WTA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/7/2014		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="W/O MIT"/>
<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 above subject well had workover procedures performed (packer repair), attached is a daily status report. On 10/03/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 10/07/2014 the csg was pressured up to 1191 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 560 psig during the test. There was not a State representative available to witness the test.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 17, 2014 Approved by the Utah Division of Oil, Gas and Mining
		Date: <u>10/8/2014</u> By: <u>[Signature]</u>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/14/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: JONAH FED 10-14-9-16
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		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: 4/23/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 04/20/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 04/23/2015 the csg was pressured up to 1202 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 550 psig during the test. There was a State representative available to witness the test - Richard Powell.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 27, 2015</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/24/2015

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Richard Powell Date 4/23/15 Time 11:30 am pm
Test Conducted by: EVERETT UNRUH
Others Present: DAVID CLAWSON

Well: JONAH 10-14-9-14 **Field:** Monument Butte
Well Location: NWSE Sec 14 T9S R16E **API No:** 43-013-32662
Duchesne County, UT

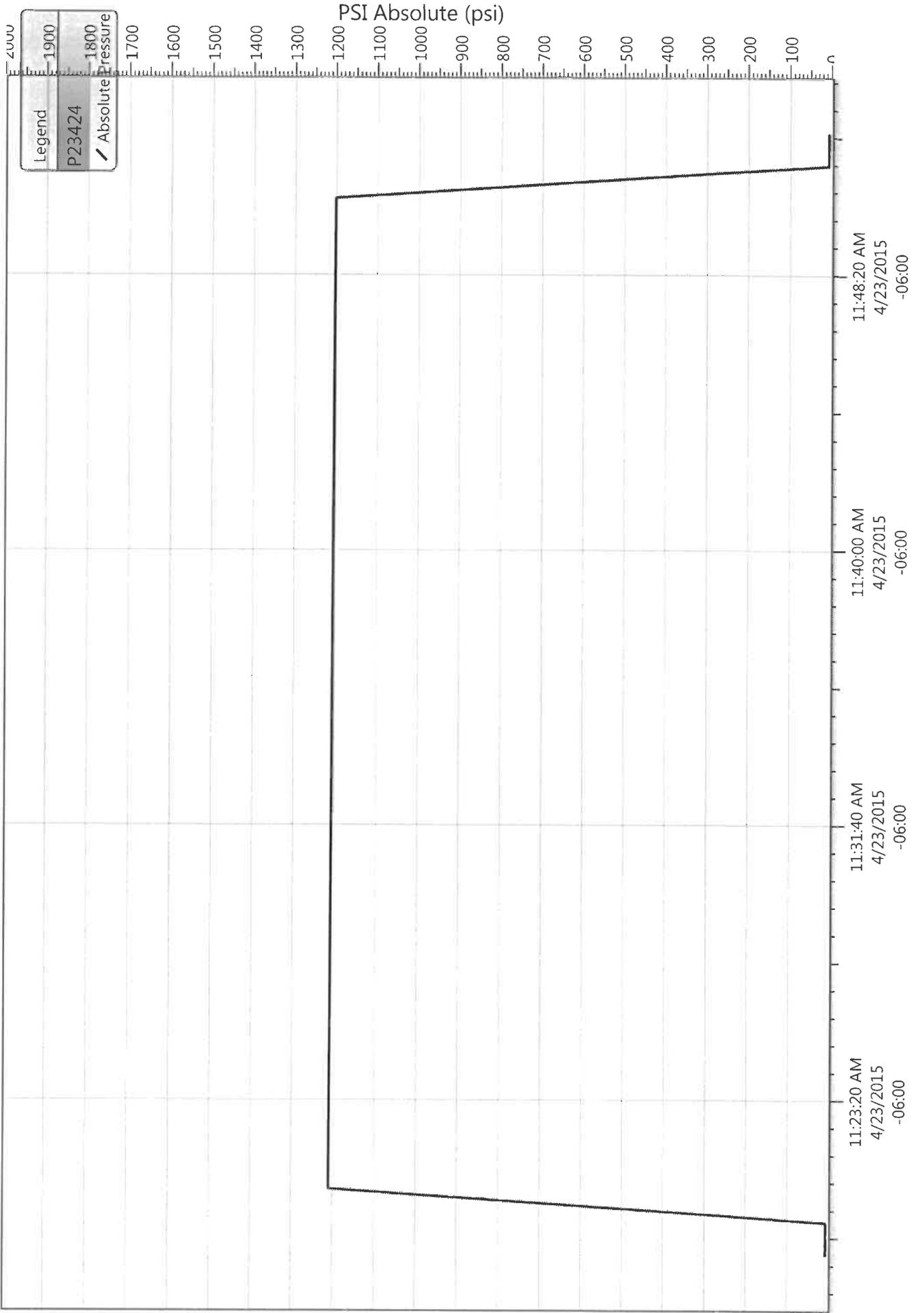
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1209</u>	psig
5	<u>1208</u>	psig
10	<u>1207</u>	psig
15	<u>1206</u>	psig
20	<u>1205</u>	psig
25	<u>1203</u>	psig
30 min	<u>1202</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 550 psig

Result: Pass Fail

Signature of Witness: 
Signature of Person Conducting Test: 

Jonah 10-14-9-16 (4-23-2015, workover MIT)
4/23/2015 11:18:04 AM



NEWFIELD

Schematic

Well Name: Jonah 10-14-9-16

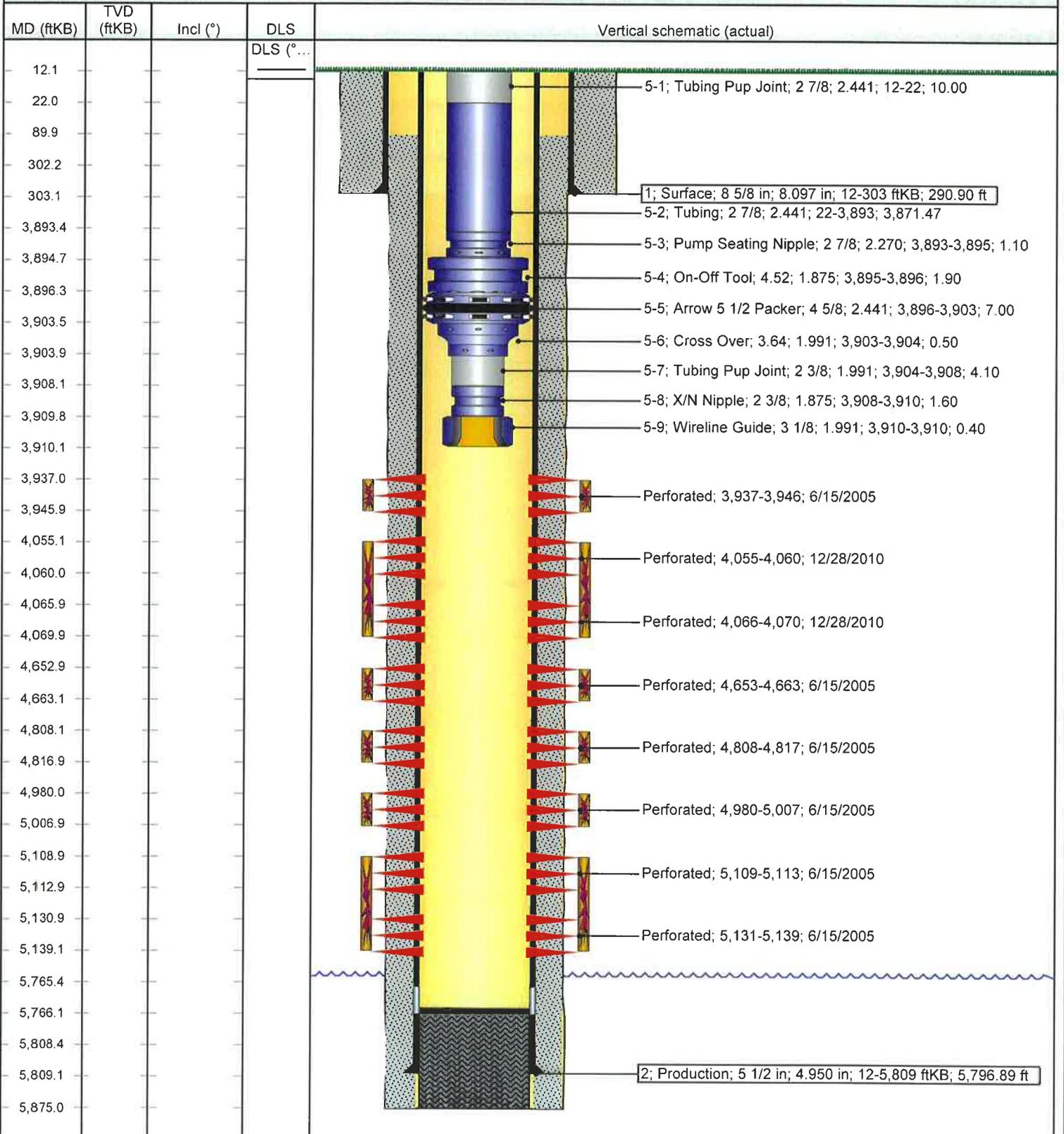
Surface Legal Location 14-9S-16E		API/UWI 43013326620000	Well RC 500151746	Lease	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date	Rig Release Date	On Production Date 6/23/2005	Original KB Elevation (ft) 5,619	Ground Elevation (ft) 5,607	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,766.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 4/20/2015	Job End Date 4/23/2015
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	---------------------------

TD: 5,875.0

Vertical - Original Hole, 4/24/2015 7:06:08 AM



NEWFIELD
Newfield Wellbore Diagram Data
Jonah 10-14-9-16

Surface Legal Location 14-9S-16E		API/UWI 43013326620000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 5/18/2005		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,619		Ground Elevation (ft) 5,607		Total Depth (ftKB) 5,875.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,766.0	
				On Production Date 6/23/2005	

Casing Strings

Csg Das	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/18/2005	8 5/8	8.097	24.00	J-55	303
Production	5/26/2005	5 1/2	4.950	15.50	K-55	5,809

Cement**String: Surface, 303ftKB 5/19/2005**

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 303.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,809ftKB 5/26/2005

Cementing Company		Top Depth (ftKB) 90.0	Bottom Depth (ftKB) 5,875.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 310	Class PREMLITE II	Estimated Top (ftKB) 90.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed		Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Pup Joint	1	2 7/8	2.441			10.00	12.0	22.0
Tubing	119	2 7/8	2.441	6.50	J-55	3,871.47	22.0	3,893.5
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,893.5	3,894.6
On-Off Tool	1	4.515	1.875			1.90	3,894.6	3,896.5
Arrow 5 1/2 Packer	1	4 5/8	2.441			7.00	3,896.5	3,903.5
Cross Over	1	3.635	1.991			0.50	3,903.5	3,904.0
Tubing Pup Joint	1	2 3/8	1.991			4.10	3,904.0	3,908.1
X/N Nipple	1	2 3/8	1.875			1.60	3,908.1	3,909.7
Wireline Guide	1	3 1/8	1.991			0.40	3,909.7	3,910.1

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	GB2, Original Hole	3,937	3,946	4			6/15/2005
6	GB6, Original Hole	4,055	4,060	3			12/28/2010
6	GB6, Original Hole	4,066	4,070	3			12/28/2010
4	C, Original Hole	4,653	4,663	4			6/15/2005
3	B2, Original Hole	4,808	4,817	4			6/15/2005
2	A3, Original Hole	4,980	5,007	4			6/15/2005
1	LODC, Original Hole	5,109	5,113	4			6/15/2005
1	LODC, Original Hole	5,131	5,139	4			6/15/2005

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)
5	2,100	0.97	14.6	1,644			
2	2,250	0.88	25.1	1,953			
1	2,950	1.01	25.1	3,419			
4	2,130	0.89	25.2	2,305			
3	2,300	0.91	25.2	2,515			
6	1,863	0.89	15.0	2,950			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
5		Proppant White Sand 29376 lb
2		Proppant White Sand 110559 lb

NEWFIELD

**Newfield Wellbore Diagram Data
Jonah 10-14-9-16**



Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 40877 lb
4		Proppant White Sand 66264 lb
3		Proppant White Sand 40877 lb
6		Proppant White Sand 46694 lb



Well Name: Jonah 10-14-9-16

Job Detail Summary Report

Jobs		Job Start Date	Job End Date
Primary Job Type Repairs		4/20/2015	4/23/2015
Daily Operations			
Report Start Date		24hr Activity Summary	
4/20/2015	Report End Date	4/20/2015	
MIRU, Test Press, change PKR			
Start Time	End Time	Start Time	End Time
06:30	07:30	07:30	07:30
Start Time	End Time	Start Time	End Time
07:30	09:30	09:30	09:30
Start Time	End Time	Start Time	End Time
09:30	13:30	13:30	13:30
Start Time	End Time	Start Time	End Time
13:30	14:00	14:00	14:00
Start Time	End Time	Start Time	End Time
14:00	15:30	15:30	15:30
Start Time	End Time	Start Time	End Time
15:30	17:00	17:00	17:00
Start Time	End Time	Start Time	End Time
17:00	19:00	19:00	19:00
Start Time	End Time	Start Time	End Time
19:00	20:00	20:00	20:00
Start Time	End Time	Start Time	End Time
20:00	20:30	20:30	20:30
Report Start Date		24hr Activity Summary	
4/21/2015	Report End Date	4/21/2015	
Pressure test casing			
Start Time	End Time	Start Time	End Time
06:00	06:30	06:30	06:30
Start Time	End Time	Start Time	End Time
06:30	07:00	07:00	07:00
Start Time	End Time	Start Time	End Time
07:00	07:30	07:30	07:30
Start Time	End Time	Start Time	End Time
07:30	09:00	09:00	09:00
Start Time	End Time	Start Time	End Time
09:00	10:30	10:30	10:30
Start Time	End Time	Start Time	End Time
10:30	15:00	15:00	15:00
Start Time	End Time	Start Time	End Time
15:00	15:30	15:30	15:30
Report Start Date		24hr Activity Summary	
4/22/2015	Report End Date	4/22/2015	
Press Test tbg, csg, & pkr			
Start Time	End Time	Start Time	End Time
06:00	06:30	06:30	06:30



Well Name: Jonah 10-14-9-16

Job Detail Summary Report

Start Time	06:30	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Safety meeting about cleaning and maintenance & JSA With Rig Crew and BMW hot oil Checked pressure the Casing Pressure was 1310 PSI The pressure had dropped from 1380 over night. Flush Tbg with 22 bbls of fresh water at 59 deg. with 1800 psi at 1.1 BPM while holding 1000 psi on casing
Start Time	08:00	End Time	08:30	Drop profile plug and pump onto seat in XN nipple with 11 bbls at 1800 psi at 1.1 bpm then pressure up to 3500 psi while increasing Tbg pressure the casing pressure increased to 1150
Start Time	08:30	End Time	11:30	Pressure test - Monitor pressure on Tbg and casing (Tbg pressure began increasing immediately and continued to increase at approx 130 psi per hour possibly due to heat expansion, the casing pressure also increased at approx 90 psi per hour the pressures continued to increase to 3920 on tbg and 1270 on casing)
Start Time	11:30	End Time	13:30	Pressure test - Bled pressure off Tbg to 3500 then bled off casing pressure to 0 psi (noticed minimal amount of gas and foam when bleeding off) Tbg pressure fell to 3360. continue to monitor pressure (casing pressure increased from 0 to 55 psi while Tbg pressure continued to climb from 3360 to 3410 PSI) Discussed pressure isolation concerns with leadership (decided to pressure casing up to 1000 Psg).
Start Time	13:30	End Time	15:30	Pressure test - Pressure up on Casing with rig pump from 55 Psi to 1000 Psi and bleed pressure on casing to 3000 PSI then install data traps on Tbg and casing and Shut down for night.
Start Time	15:30	End Time	16:00	Crew Travel
Report Start Date	4/23/2015	Report End Date	4/23/2015	24hr Activity Summary
Start Time	06:00	End Time	06:30	Pressure Test Crew Travel
Start Time	06:30	End Time	07:00	Safety meeting & JSA With Rig Crew
Start Time	07:00	End Time	08:30	Pressure test -Casing Pressure was 1010 PSI, Tbg pressure 3000 PSI. Down load Data traps with Lease operator and submit data to Foreman and Engineer for review
Start Time	08:30	End Time	09:00	Bled off Pressure on TBG then Run in hole with Sand line and retrieve Profile plug. Rig downPump and Tank
Start Time	09:00	End Time	10:00	Rig down / Tie back main drum (double fast)
Start Time	10:00	End Time	10:30	On 04/20/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 04/23/2015 the csg was pressured up to 1202 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 550 psig during the test. There was a State representative available to witness the test - Richard Powell.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
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1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: JONAH FED 10-14-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326620000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT. 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1730 FSL 1820 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion 4/23/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date	TYPE OF ACTION <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 04/20/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 04/23/2015 the csg was pressured up to 1202 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 550 psig during the test. There was a State representative available to witness the test - Richard Powell.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 27, 2015
		Accepted by the Utah Division of Oil, Gas and Mining Date: <u>6/9/2015</u> By: <u><i>Mark L Reinhold</i></u>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/24/2015