



February 12, 2003

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

RE: Applications for Permit to Drill: Jonah Federal 9-12-9-16 and 16-12-9-16.

Dear Diana:

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

Sincerely,

Mandie Crozier
Permit Clerk

mc
enclosures

RECEIVED
FEB 13 2003
DIV. OF OIL, GAS & MINING

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. U-035521
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME Jonah
8. FARM OR LEASE NAME WELL NO. Jonah Federal 16-12-9-16
9. API WELL NO. 43-013-32431
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SE Sec. 12, T9S, R16E
12. County Duchesne
13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: **(435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **SE/SE 655' FSL 795' FEL 4432402Y 40.03993**
At proposed Prod. Zone **580159X - 110,06041**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 19.3 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 655' f/lse line & 655' f/unit line	16. NO. OF ACRES IN LEASE 240.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1364'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary
--	------------------------------------	--

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5423' GR

22. APPROX. DATE WORK WILL START*
2nd Quarter 2003

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *M. Marie Boyer* TITLE **Permit Clerk** DATE **2/13/03**
(This space for Federal or State office use)

PERMIT NO. **43-013-32431** APPROVAL DATE **02-19-03**

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE **BRADLEY G. HILL** DATE **02-19-03**
ENVIRONMENTAL SCIENTIST III

*See Instructions On Reverse Side

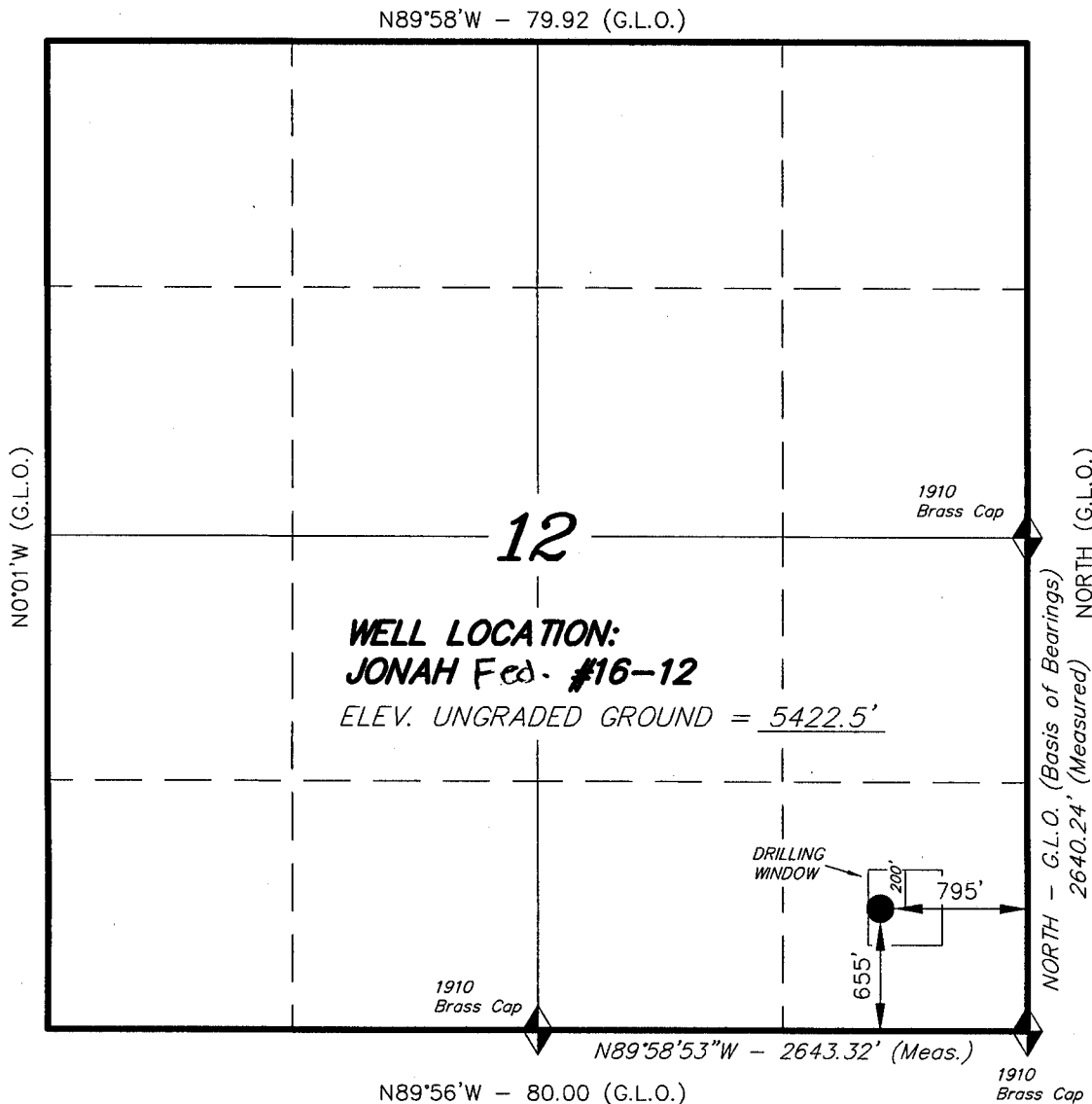
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
FEB 13 2003
DIV. OF OIL, GAS & MINING

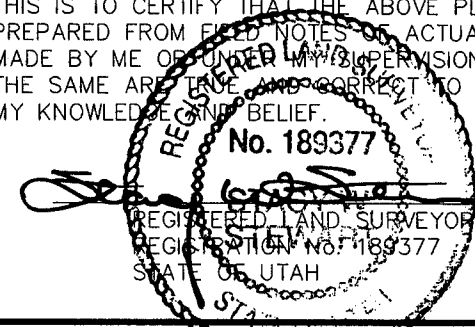
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #16-12,
 LOCATED AS SHOWN IN THE SE 1/4 SE
 1/4 OF SECTION 12, 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.



TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (435) 781-2501

◆ = SECTION CORNERS LOCATED

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

SCALE: 1" = 1000'

SURVEYED BY: C.D.S. D.J.S.

DATE: 12-30-01

DRAWN BY: J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY
JONAH FEDERAL #16-12-9-16
SE/SE SECTION 12, 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	6500'

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 #16-12-9-16
SE/SE SECTION 12, 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 #16-12-9-16 located in the SE 1/4 SE 1/4 Section 12, 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 it's junction with an existing road to the southwest; proceed southwesterly - 3.1 miles \pm to it's junction with the beginning of an access road to be upgraded; proceed northerly along the access road - 5960' \pm before reaching the proposed section of the access road; proceed southwesterly along the proposed section of the access road - 65' \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**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached.

Inland Production Company requests a 60' ROW for the Jonah Federal #16-12-9-16 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."

Water Disposal

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 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.

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

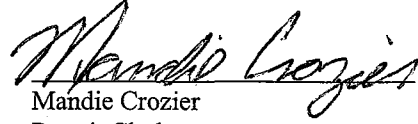
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #16-12-9-16 SE/SE Section 12, Township 9S, Range 16E: Lease U-035521 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond 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.

2/13/03

Date



Mandie Crozier
Permit Clerk

Well No.: Jonah Federal 16-12-9-16

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah Federal 16-12-9-16

API Number:

Lease Number: U-035521

Location: SESE Sec. 12, T9S R16E

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL

CULTURAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

PALEONTOLOGICAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

SOILS, WATERSHEDS, AND FLOODPLAINS

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

WILDLIFE AND FISHERIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

FERRUGINOUS HAWK: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 15 and May 30. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

The well pad will be moved north 199-feet from the center of the 40-acre parcel to avoid line-of-sight from the inactive nest site.

LOCATION AND RESERVE PIT RECLAMATION

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

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

Black sage	<i>Artemisia nova</i>	4 lbs/acre
Ricegrass	<i>Oryzopsis hymenoides</i>	4 lbs/acre
Galletta grass	<i>Hilaria jamesii</i>	4 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place (if a pit liner is used); 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

PIPELINES

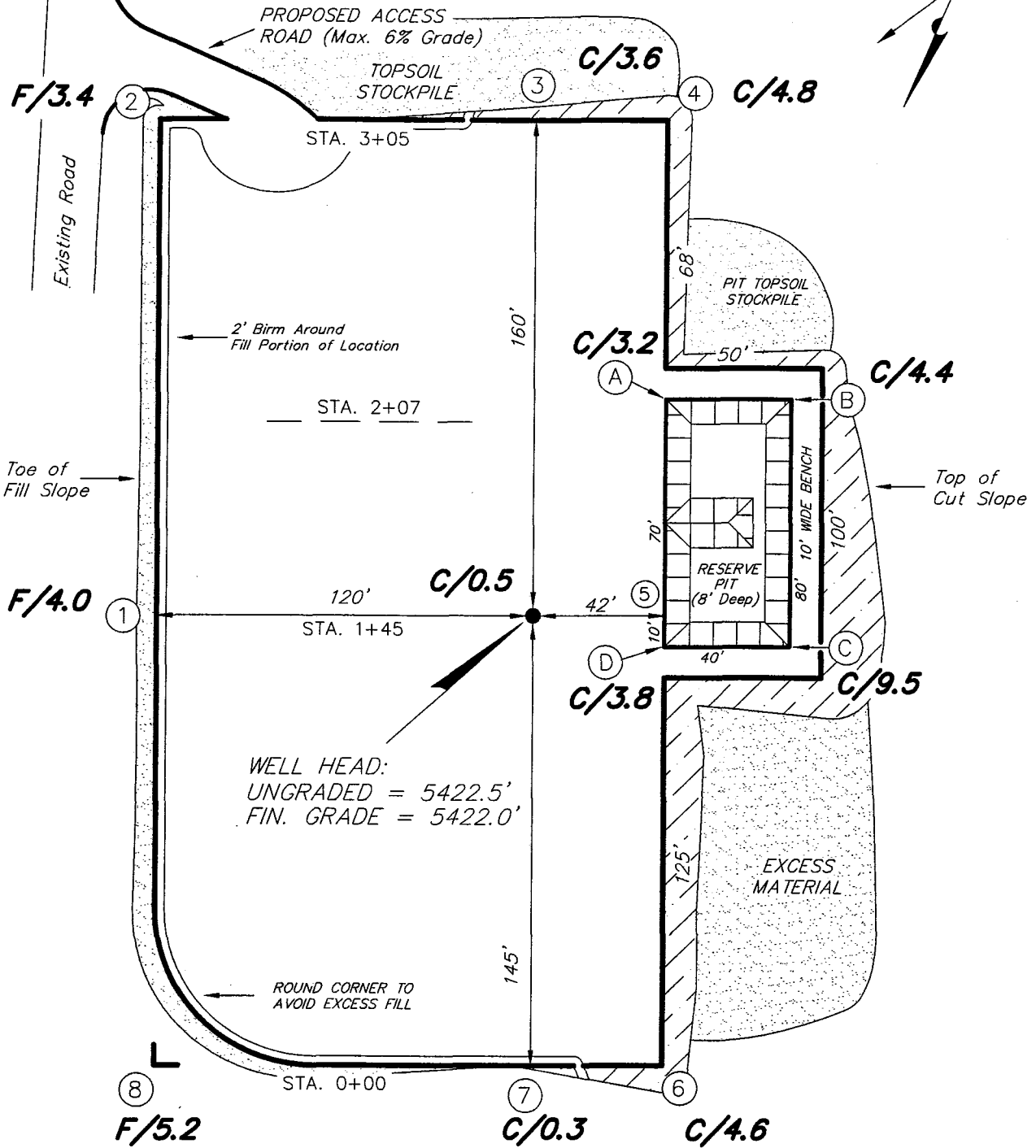
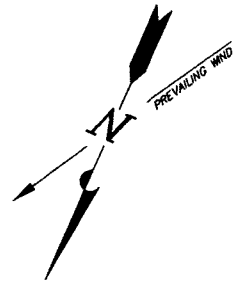
Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

INLAND PRODUCTION COMPANY

JONAH Fed. #16-12
 SEC. 12, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' NORTHEAST = 5415.4'
 220' NORTHEAST = 5413.0'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

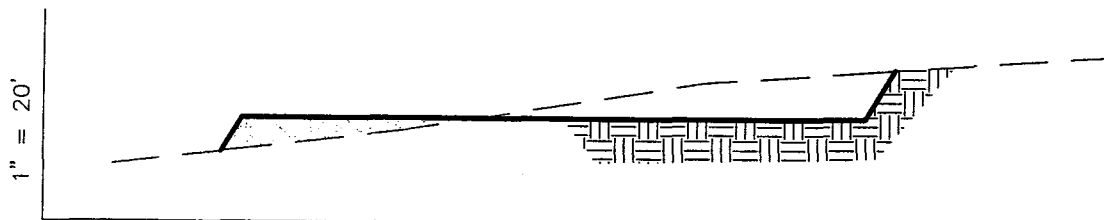
DATE: 12-30-01

Tri State (435) 781-2501
 Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

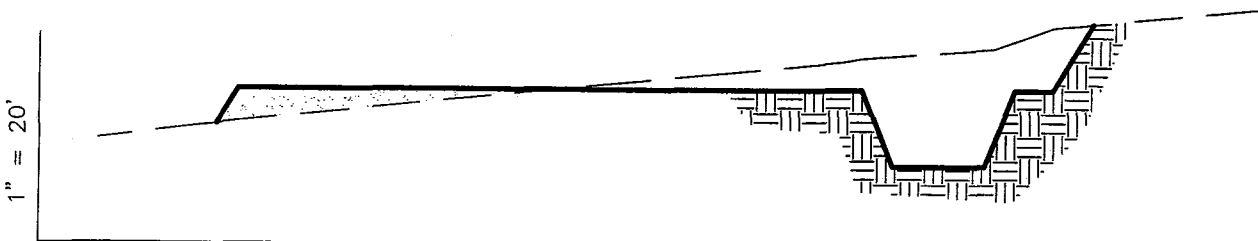
INLAND PRODUCTION COMPANY

CROSS SECTIONS

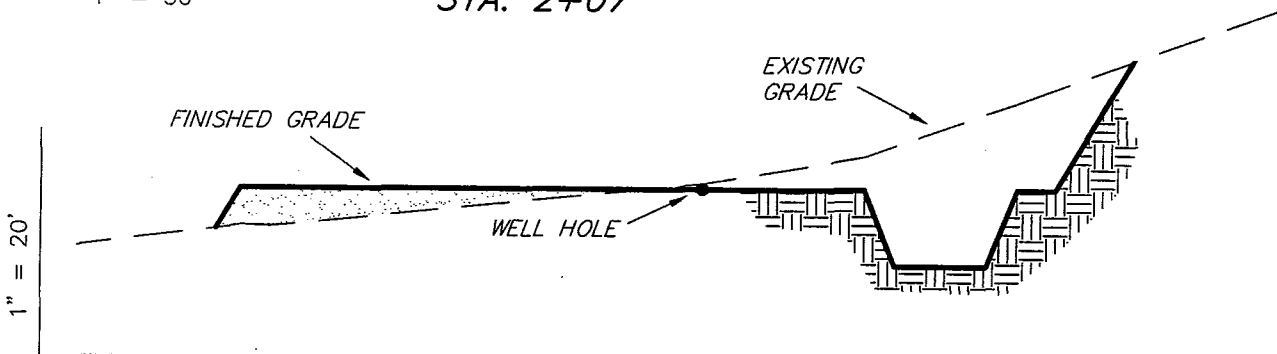
JONAH Fed. #16-12



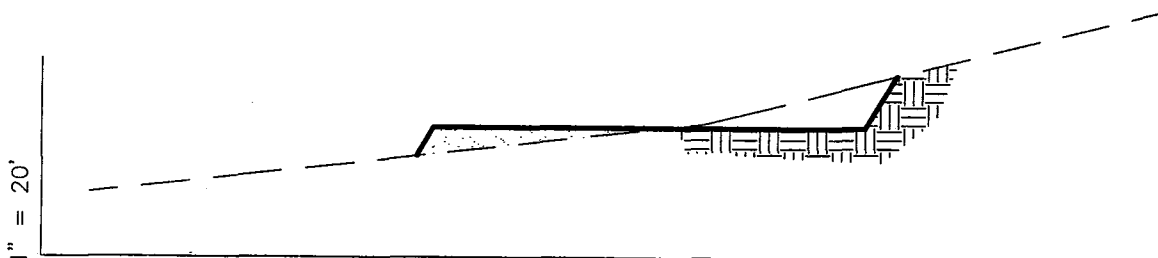
1" = 50' STA. 3+05



1" = 50' STA. 2+07



1" = 50' STA. 1+45



1" = 50' STA. 0+00

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

ESTIMATED EARTHWORK QUANTITIES (Expressed in Cubic Yards)

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	2,750	2,750	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,390	2,750	1,010	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 12-30-01

Tri State
Land Surveying, Inc.

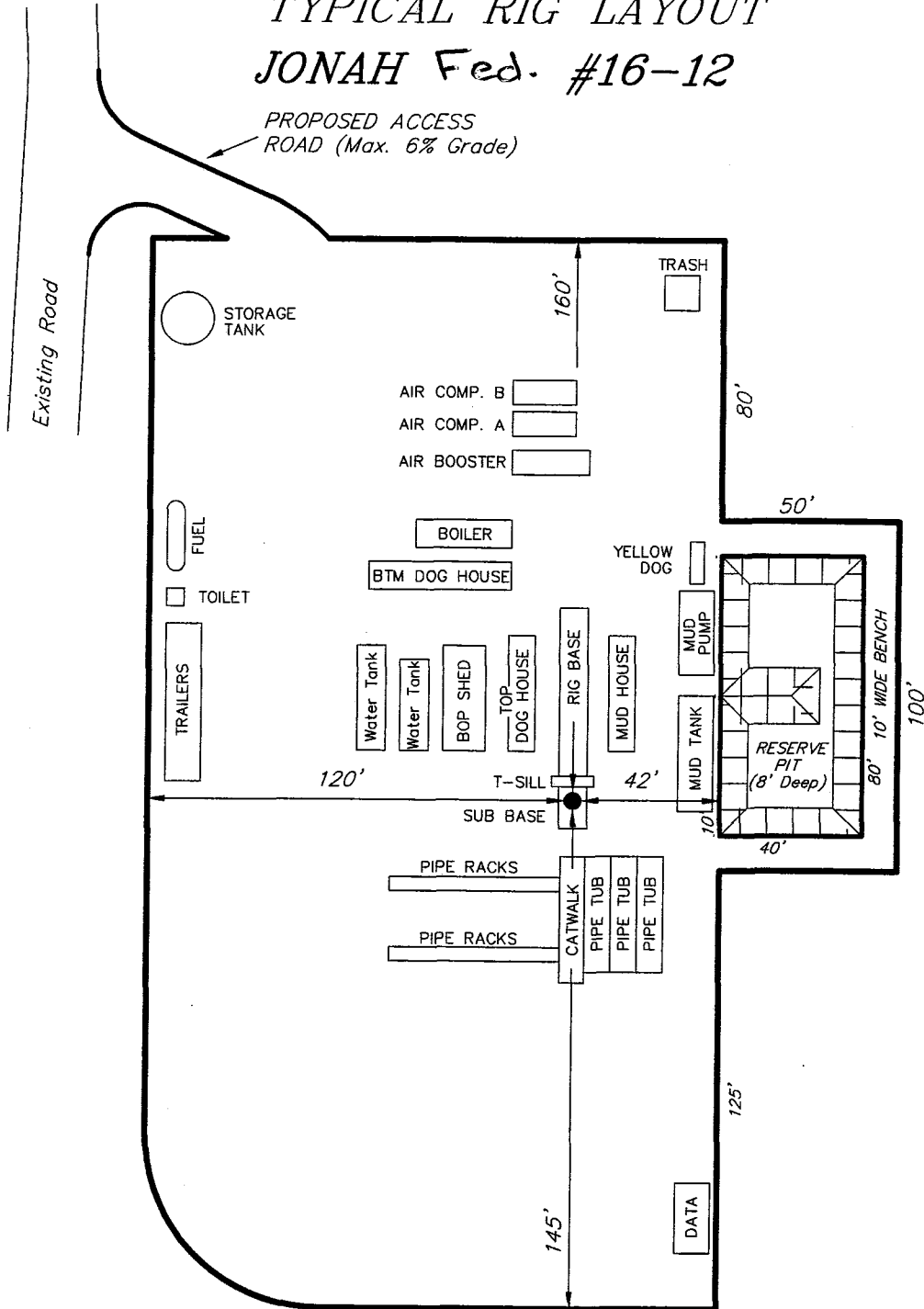
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

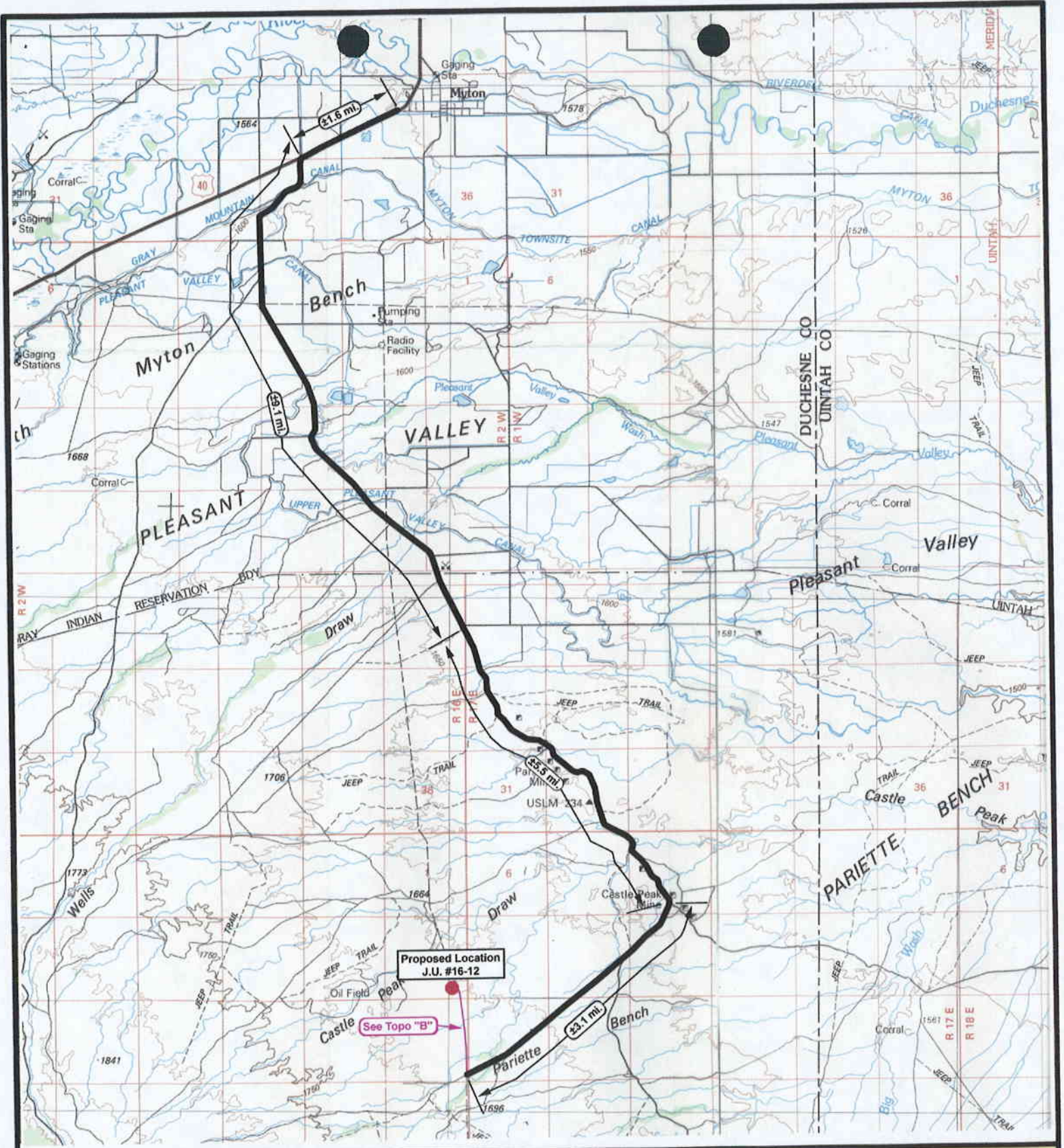
INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT JONAH Fed. #16-12

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: D.J.S.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: J.R.S.	DATE: 12-30-01		



Proposed Location
J.U. #16-12

See Topo "B"



Jonah Fed. #16-12
SEC. 12, T9S, R16E, S.L.B.&M.



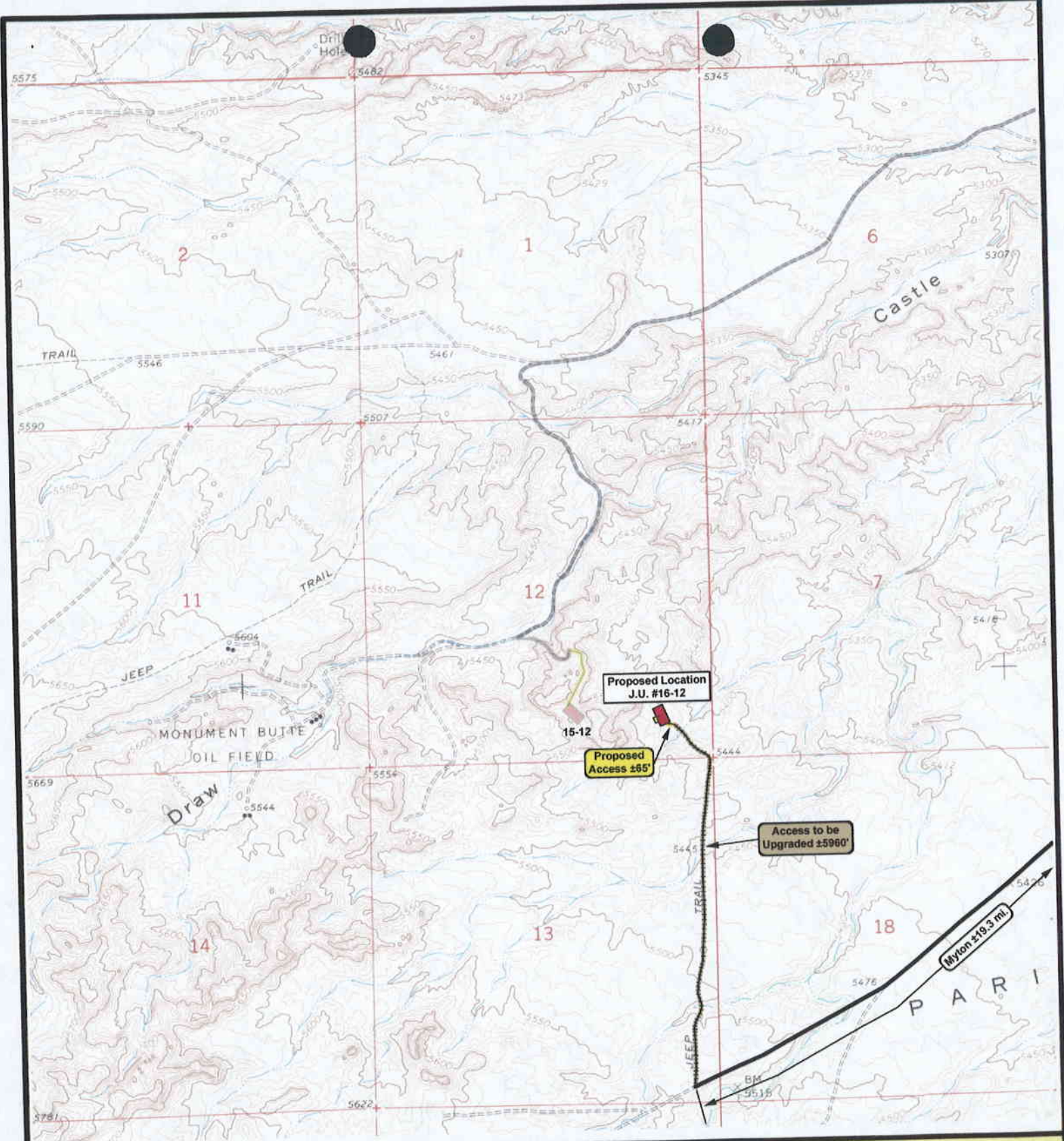
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 01-04-2002

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Jonah Fed. #16-12
SEC. 12, T9S, R16E, S.L.B.&M.

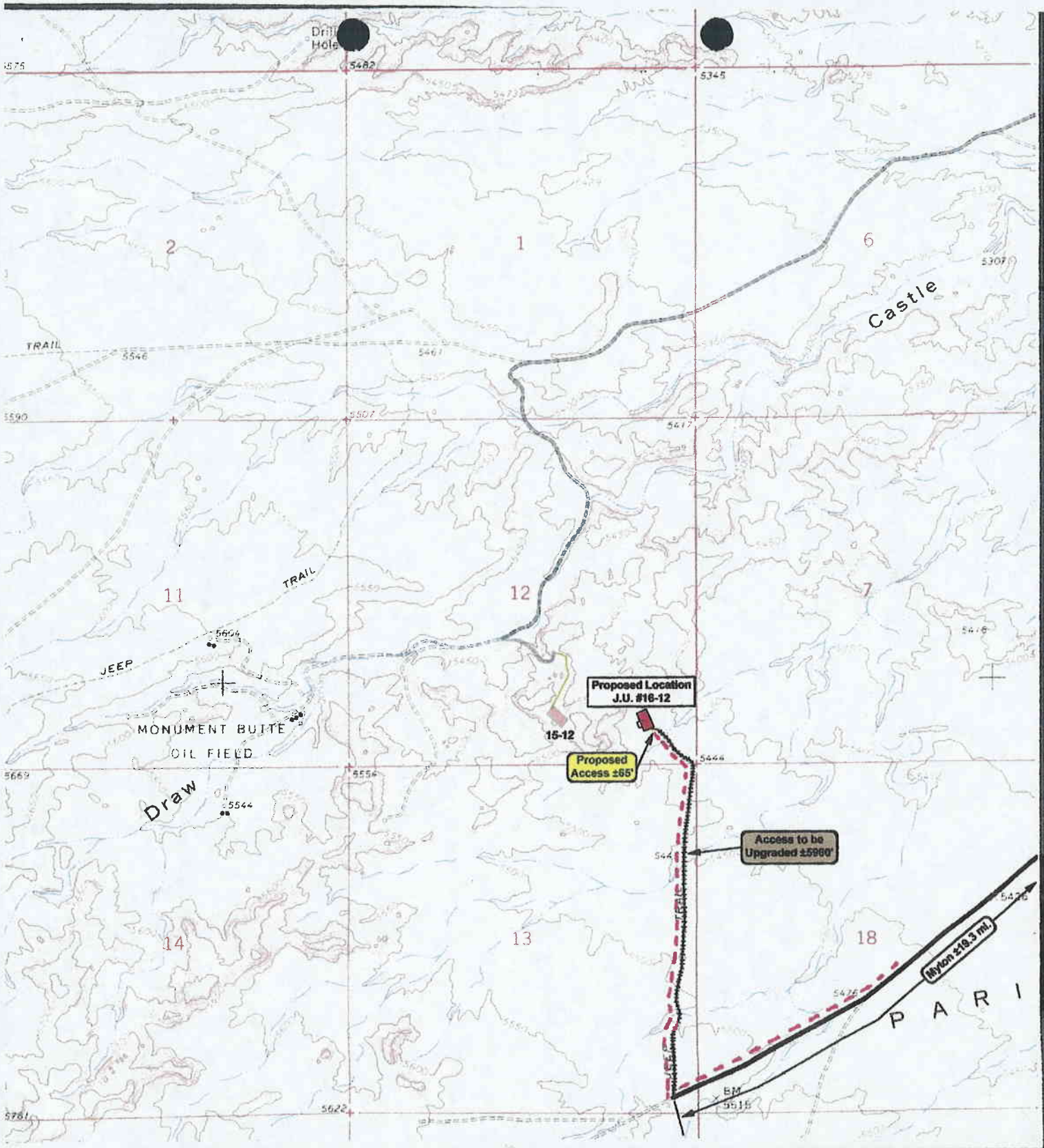


Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 01-04-2002

- Legend**
- Existing Road
 - Proposed Access
 - Access to be Upgraded

Topographic Map
"B"



Proposed Location
J.U. #16-12

Proposed Access ±65'

Access to be Upgraded ±5800'

Myton ±18.3 mi.



Jonah Unit #16-12
SEC. 12, T9S, R16E, S.L.B.&M.

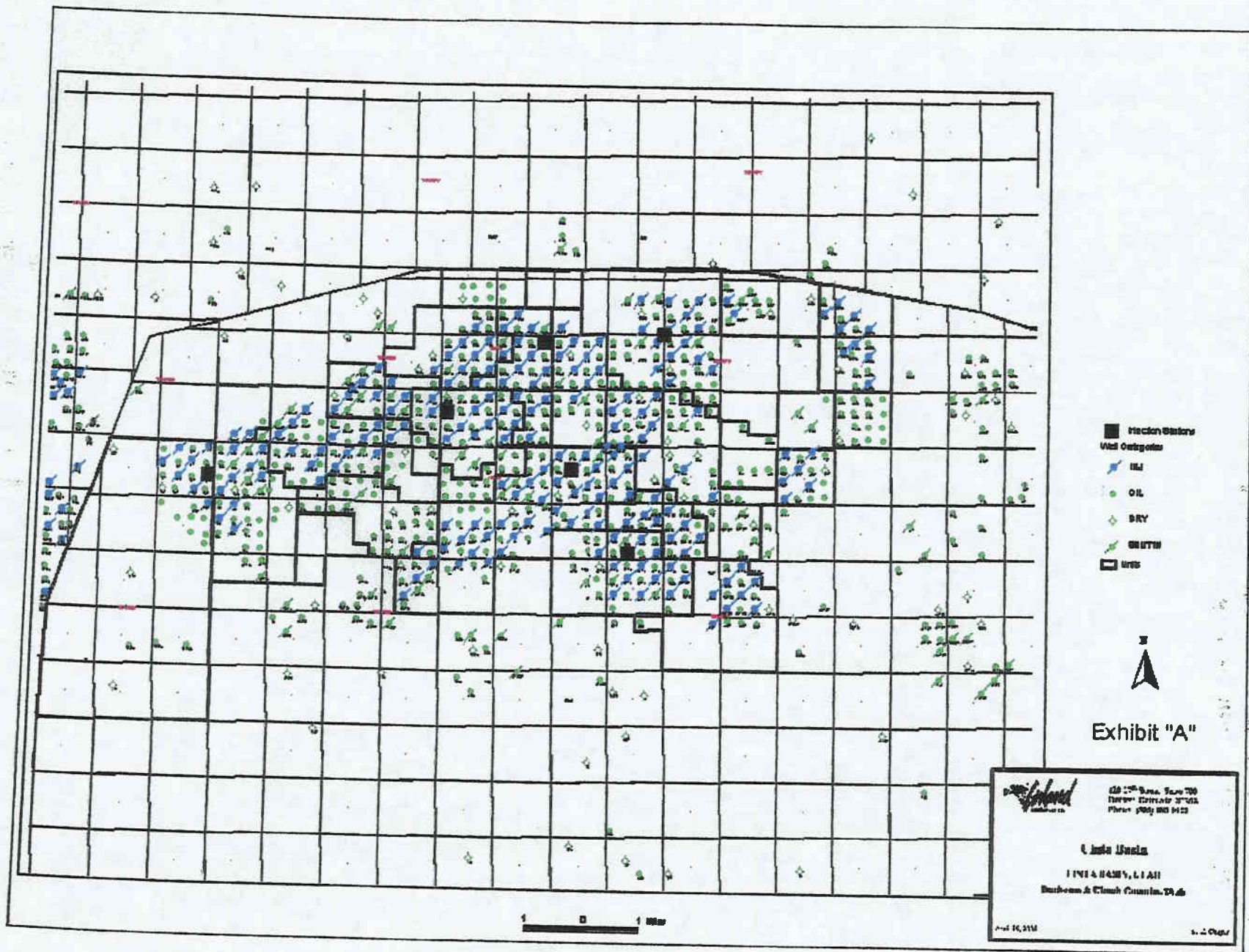


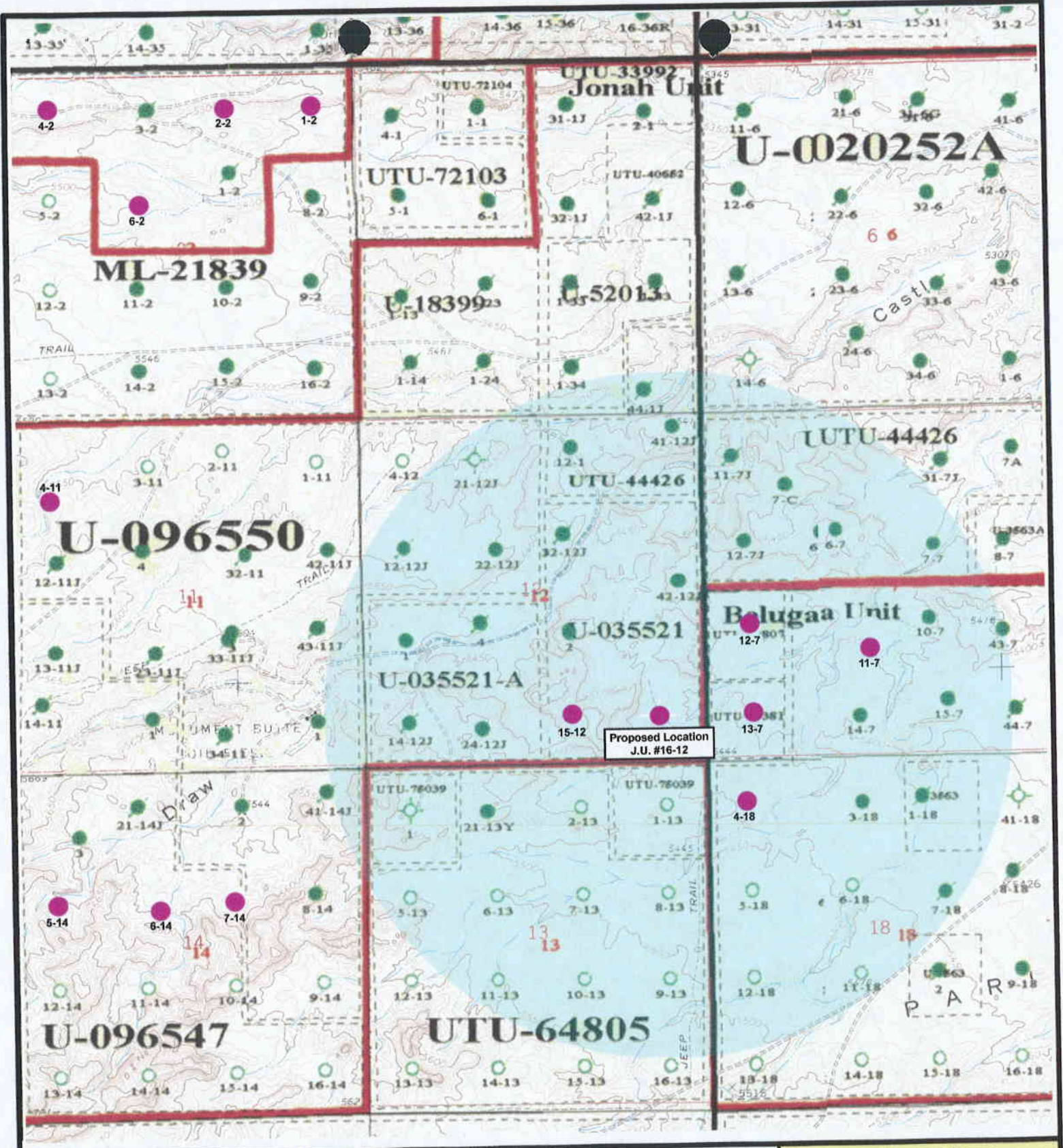
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 01-04-2002

Legend	
	Existing Road
	Proposed Access
	Access to be Upgraded
	Proposed Gas Line

Topographic Map
CUD





Jonah Fed. #16-12
SEC. 12, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: D.J.
 DATE: 01-04-2002

Legend

- Proposed Locations
- One Mile Radius

Exhibit
"B"

2-M SYSTEM

Blowout Prevention Equipment Systems

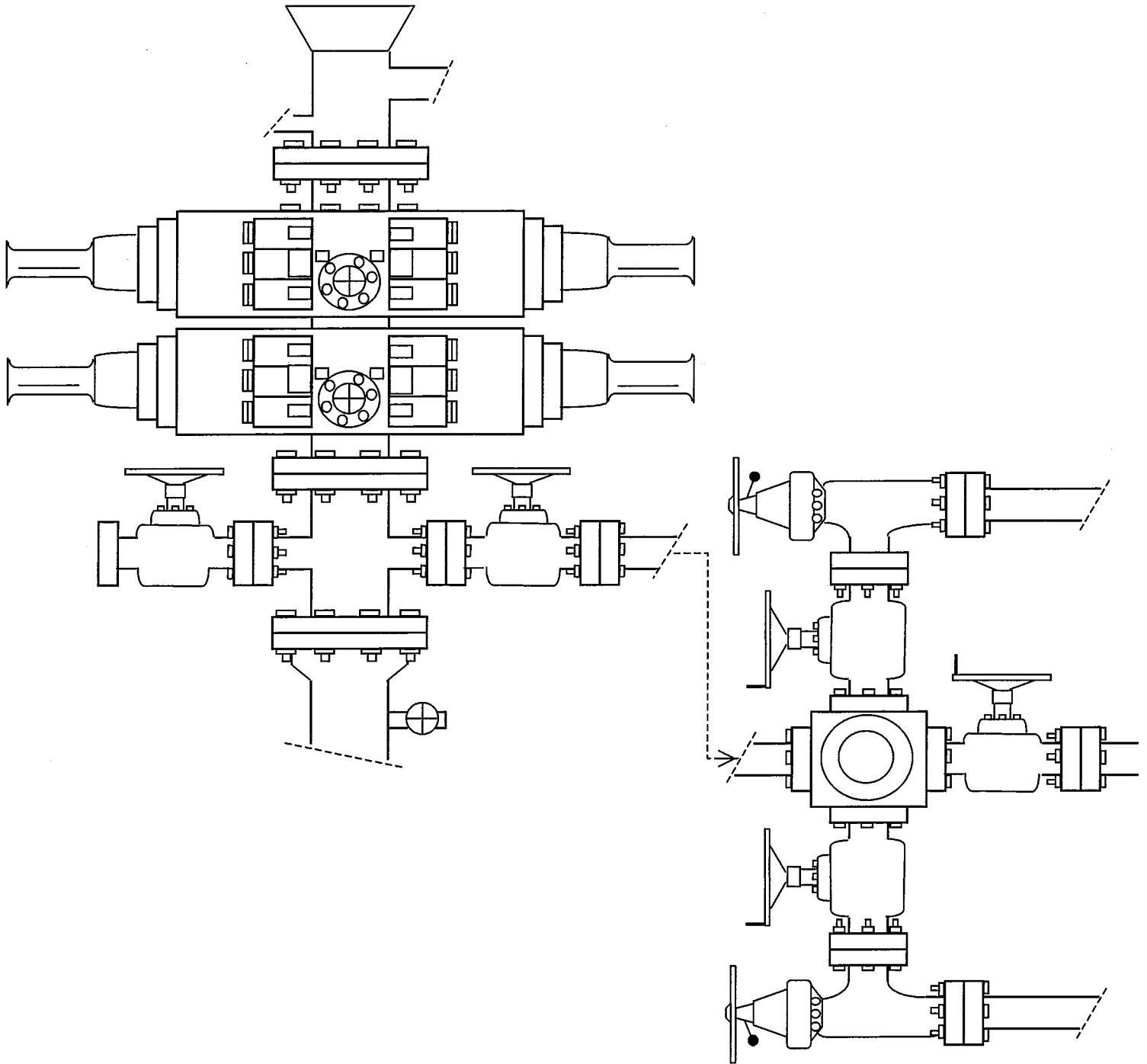


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2003

API NO. ASSIGNED: 43-013-32431

WELL NAME: JONAH FED 16-12-9-16
OPERATOR: INLAND PRODUCTION (N5160)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
SESE 12 090S 160E
SURFACE: 0655 FSL 0795 FEL
BOTTOM: 0655 FSL 0795 FEL
DUCHESNE
MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-035521
SURFACE OWNER: 1 - Federal

LATITUDE: 40.03993

PROPOSED FORMATION: GRRV

LONGITUDE: 110.06041

RECEIVED AND/OR REVIEWED:

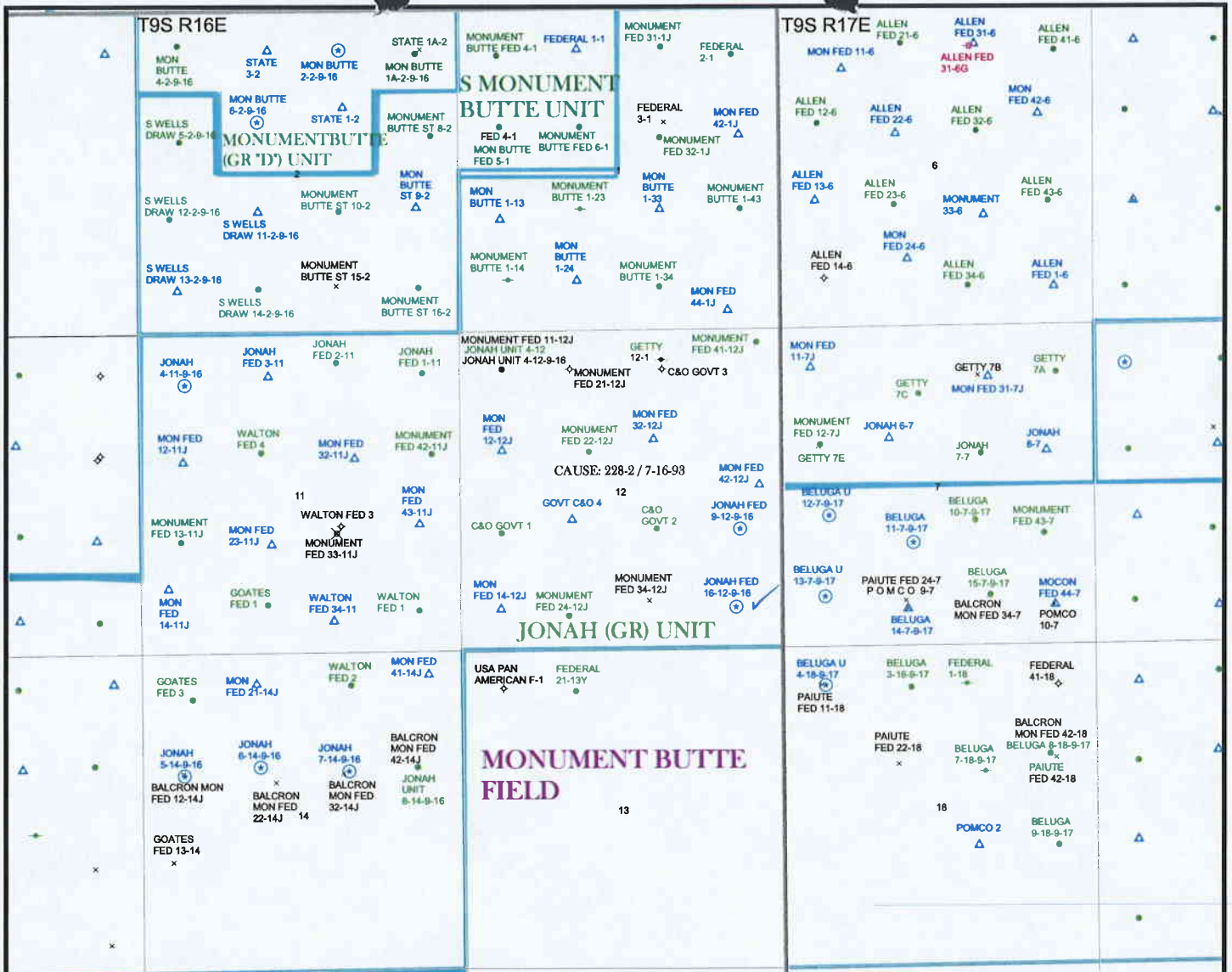
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

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: 728-2
Eff Date: 7-14-93
Siting: Siting Per Unit Agreement
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval



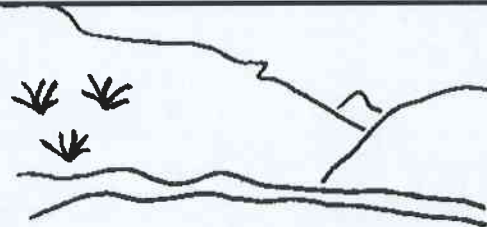
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 12 T9S, R16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993



Utah Oil Gas and Mining

WELLS

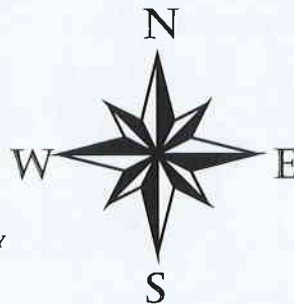
- △ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- ◇ SHUT-IN GAS
- + SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◇ WATER SUPPLY
- ↘ WATER DISPOSAL

UNIT STATUS

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON
DATE: 19-FEBRUARY-2003

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)

February 19, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2003 Plan of Development Jonah Unit Duchesne
County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Jonah Unit, Duchesne County, Utah.

(Proposed PZ Green River)

43-013-32430 Jonah Federal 9-12-9-16 Sec. 12 T09S R16E 1953 FSL 0729 FEL
43-013-32431 Jonah Federal 16-12-9-16 Sec. 12 T09S R16E 0655 FSL 0795 FEL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:2-19-3



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

February 19, 2003

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

Re: Jonah Federal 16-12-9-16 Well, 655' FSL, 795' FEL, SE SE, Sec. 12, 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.

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 43-013-32431.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Associate Director

pb

Enclosures

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

Operator: Inland Production Company
Well Name & Number Jonah Federal 16-12-9-16
API Number: 43-013-32431
Lease: U-035521

Location: SE SE **Sec.** 12 **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.

006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-035521	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME Jonah	
2. NAME OF OPERATOR Inland Production Company		8. FARM OR LEASE NAME WELL NO. Jonah Federal 16-12-9-16	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052		9. API WELL NO.	
Phone: (435) 646-3721		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface SE/SE 655' FSL 795' FEL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SE Sec. 12, T9S, R16E	
At proposed Prod. Zone		12. County Duchesne	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 19.3 miles south of Myton, Utah		13. STATE UT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 655' f/lse line & 655' f/unit line	16. NO. OF ACRES IN LEASE 240.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1364'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5423' GR	22. APPROX. DATE WORK WILL START* 2nd Quarter 2003		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.
The Conditions of Approval are also attached.

RECEIVED
FEB 13 REC'D

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wanda Boyer TITLE Permit Clerk DATE 2/13/03

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____
Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY Howard R. Cleavage TITLE Assistant Field Manager Mineral Resources DATE 07/17/2003

RECEIVED
JUL 29 2003

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

03PS0316A

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

Well Name & Number: Jonah 16-12-9-16

Lease Number: U-035521

API Number: 43-013-32431

Location: SESE Sec. 12 T.9S R. 16E

Agreement: Jonah Unit

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

CONDITIONS OF APPROVAL

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:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410



August 29, 2003

Bureau of Land Management
Attn: Byron Tolman
170 South 500 East
Vernal, Utah 84078-2799

RE: Amended Application for Permit to Drill, Jonah Federal #16-12-9-16.

Dear Byron:

Enclosed find the amended APD on the Jonah Federal #16-12-9-16. The location has been moved 199' north from the Center of the 40 acre parcel to avoid the line-of-site from the inactive nest site as requested in the Conditions of Approval on the approved APD. The well location footages now will be 858' FSL and 859' FEL. Distance from well to nearest property or lease line is approx. 858' f/lease line and 858' f/unit line. The elevation is now 5423' GR. The Conditions of Approval as well as the 10 Point Drilling Program and 13 Point Surface and Operations Plan will remain the same. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

cc: State of Utah DOGM

enclosures

RECEIVED

SEP 02 2003

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
U-035521

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

7. If Unit or CA Agreement, Name and No.
Jonah UTU72086A

8. Lease Name and Well No.
Jonahy Federal 16-12-9-16

9. API Well No.
43-013-32431

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SE Sec. 12, 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 SE/SE 858' FSL 859' FEL 4432464-Y 40,04049
At proposed prod. zone 5801304Y 110,06064

14. Distance in miles and direction from nearest town or post office*
Approximately 17.6 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 858' f/lse & 858' f/unit
240.00

16. No. of Acres in lease
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1264'

19. Proposed Depth
6500'

20. BLM/BIA Bond No. on file
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5423' GR

22. Approximate date work will start*
3rd Quarter 2003

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 8/29/03

Title Regulatory Specialist

Approved by (Signature) Name (Printed/Typed) Date

Title Office

COPY SENT TO OPERATOR
Date: 9-17-03
Initials: CHD

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

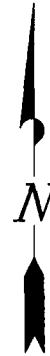
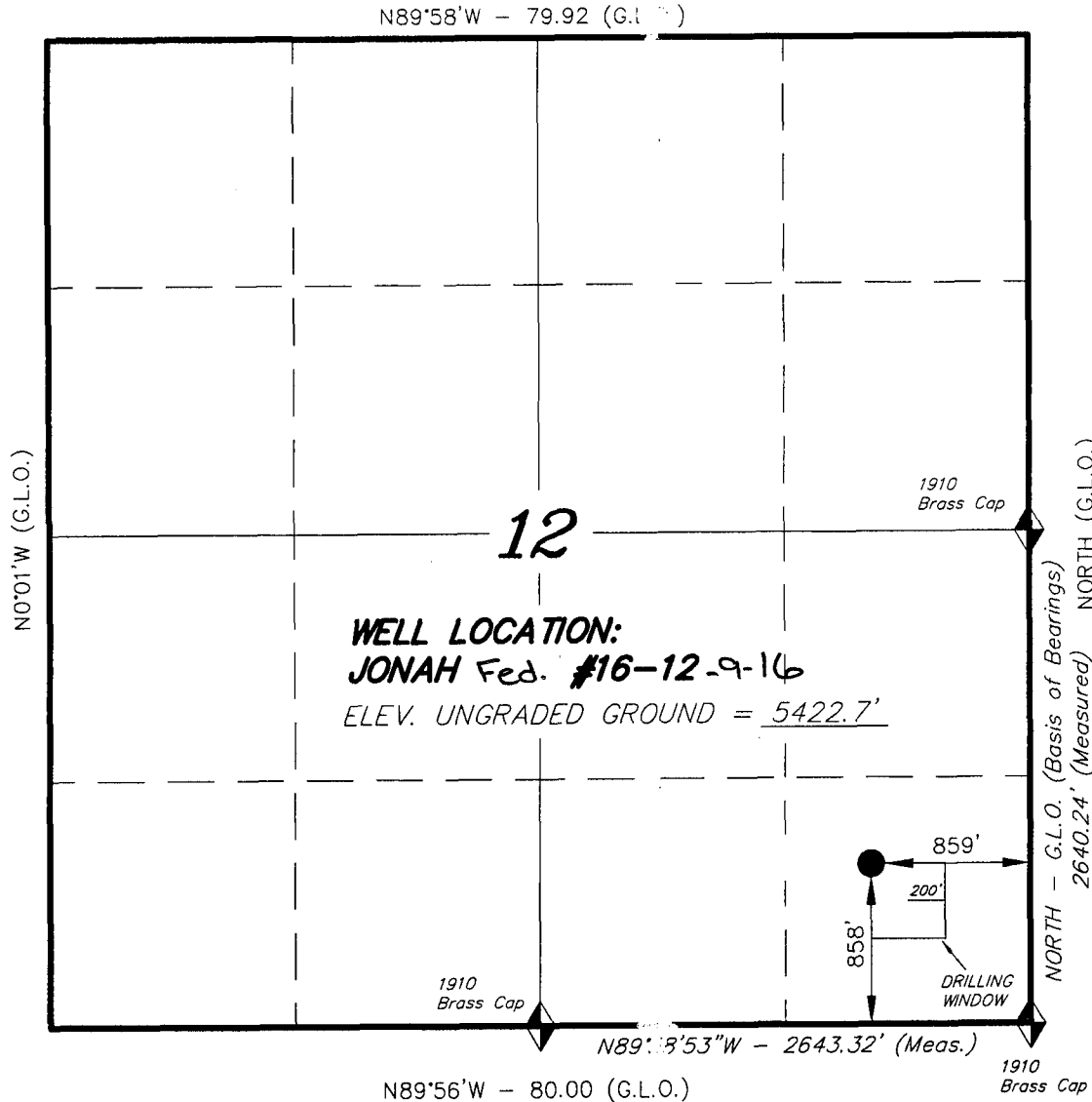
Approved by the
Utah Division of
Oil, Gas and Mining
Date: 09-15-03
By: *[Signature]*

RECEIVED
SEP 02 2003
DIV. OF OIL, GAS & MINING

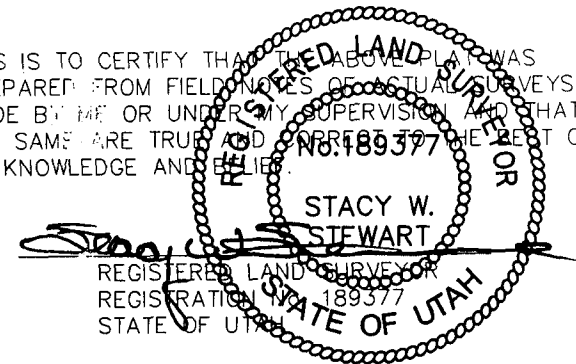
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #16-12-9-16
 LOCATED AS SHOWN IN THE SE 1/4 SE
 1/4 OF SECTION 12, 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.



◆ = SECTION CORNERS LOCATED

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

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 8-27-03

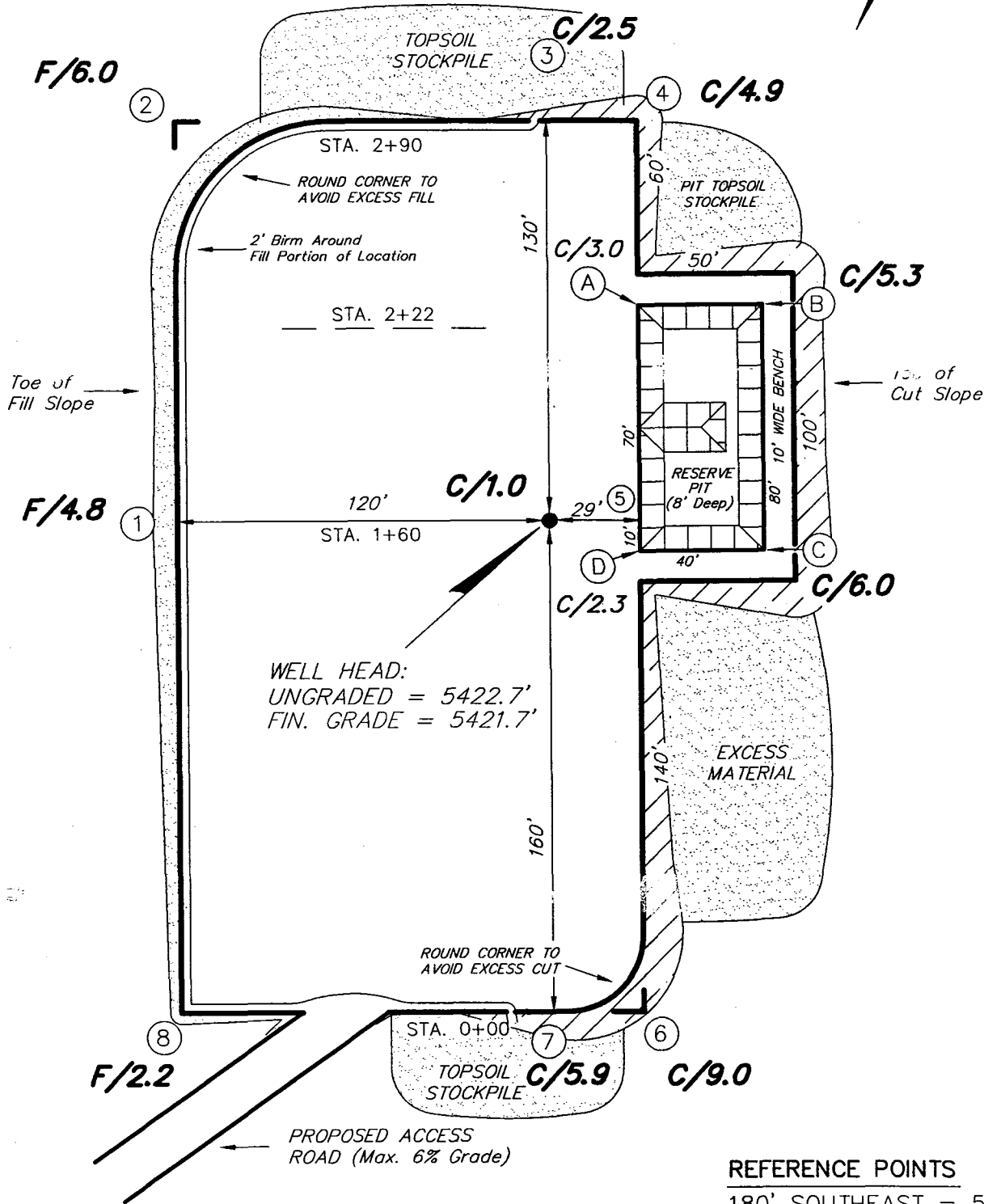
DRAWN BY: R.V.C. J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY

Jonah Unit #16-12
 Section 12, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5422.7'
 FIN. GRADE = 5421.7'

REFERENCE POINTS
 180' SOUTHEAST = 5421.2'
 230' SOUTHEAST = 5420.8'

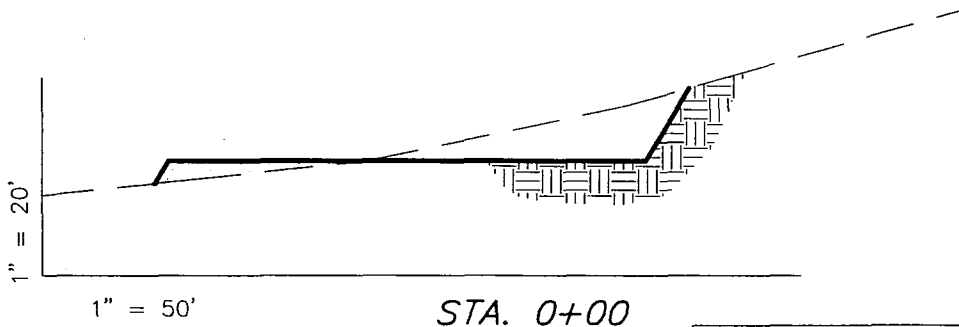
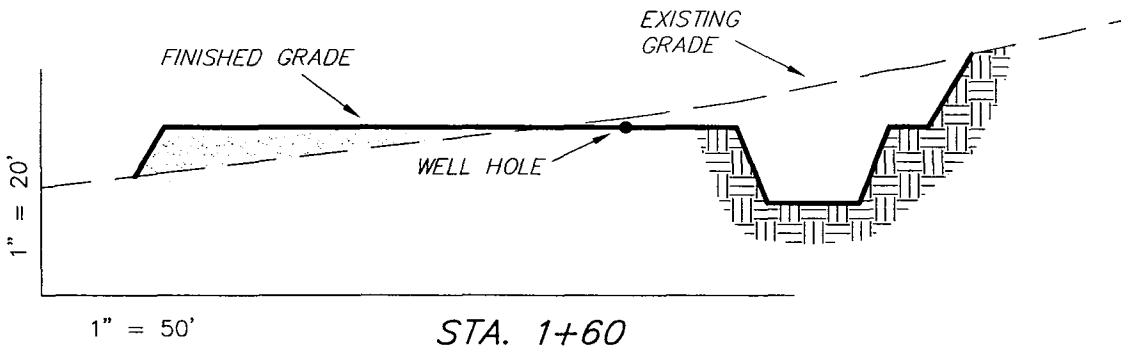
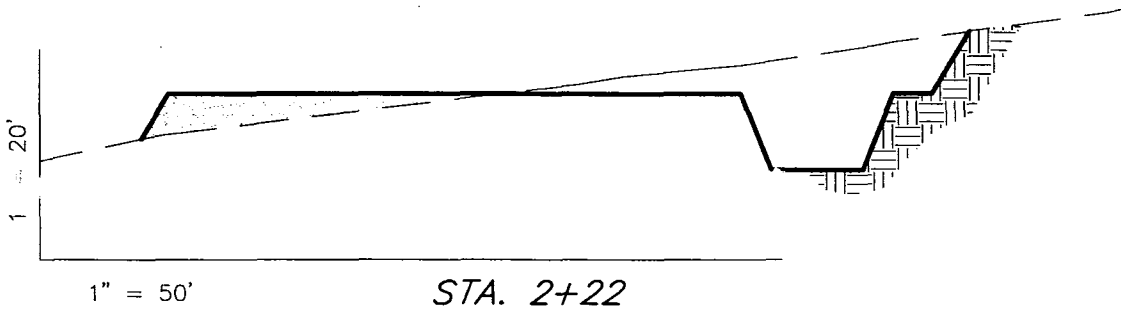
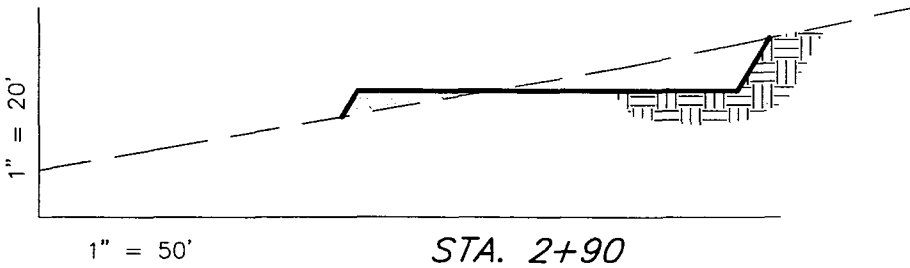
SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: R.V.C.	DATE: 8-27-03

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

INLAND PRODUCTION COMPANY

CROSS SECTIONS

Jonah Unit #16-12



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

ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,480	2,480	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,120	2,480	1,010	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: R.V.C.

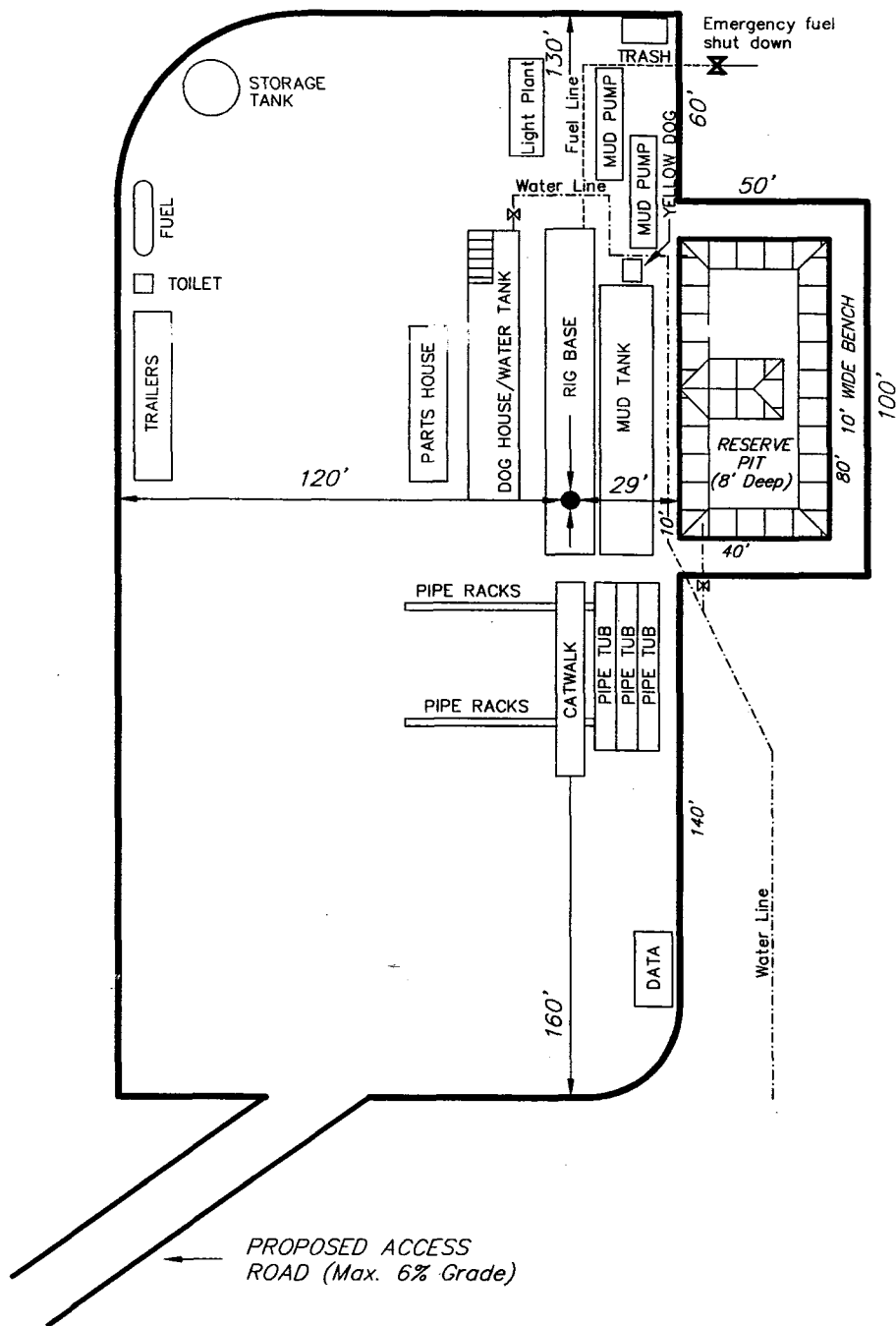
DATE: 8-27-03

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

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

Jonah Unit #16-12



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

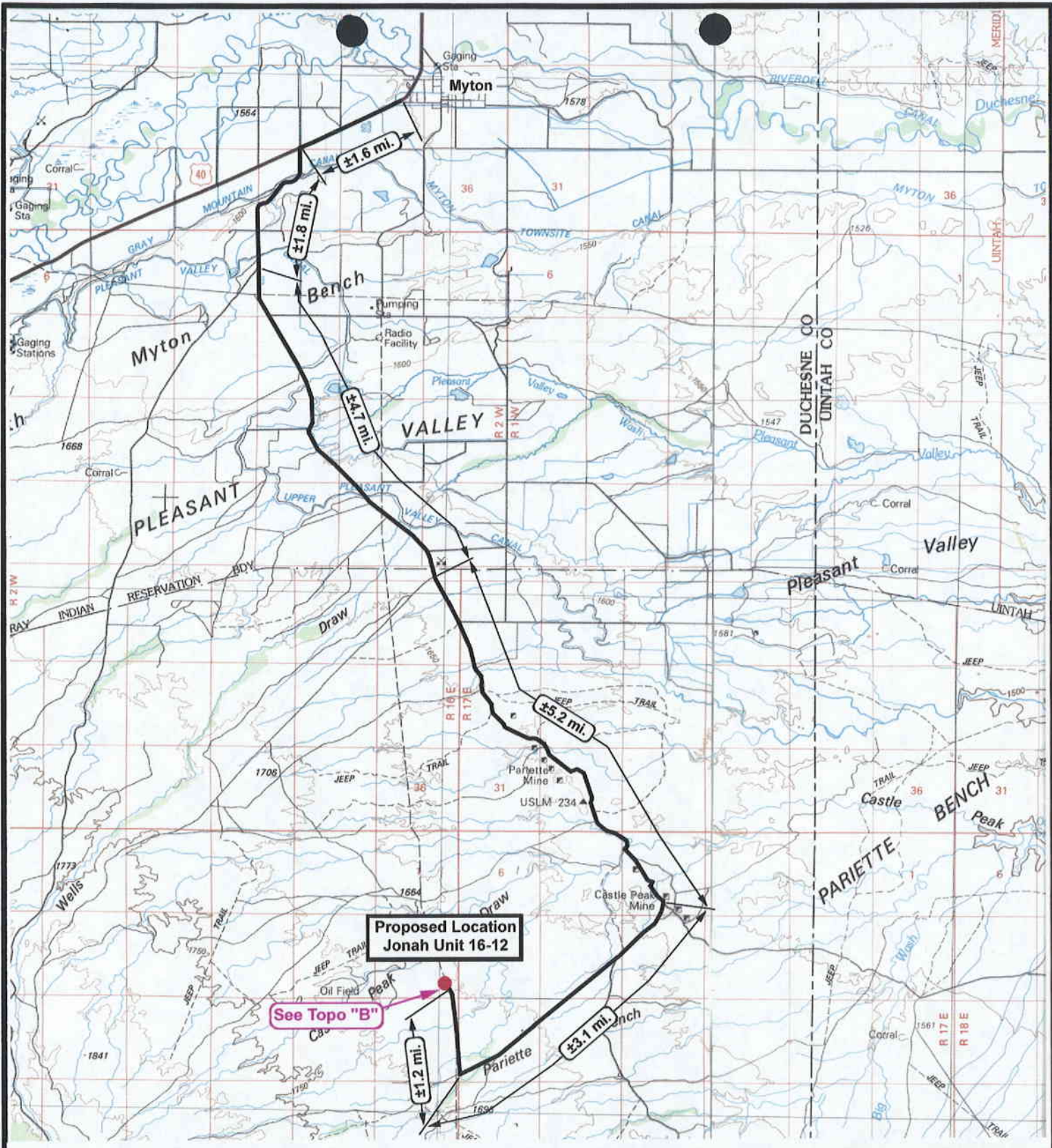
DRAWN BY: R.V.C.

DATE: 8-27-03

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



Jonah Unit 16-12
SEC. 12, T9S, R16E, S.L.B.&M.



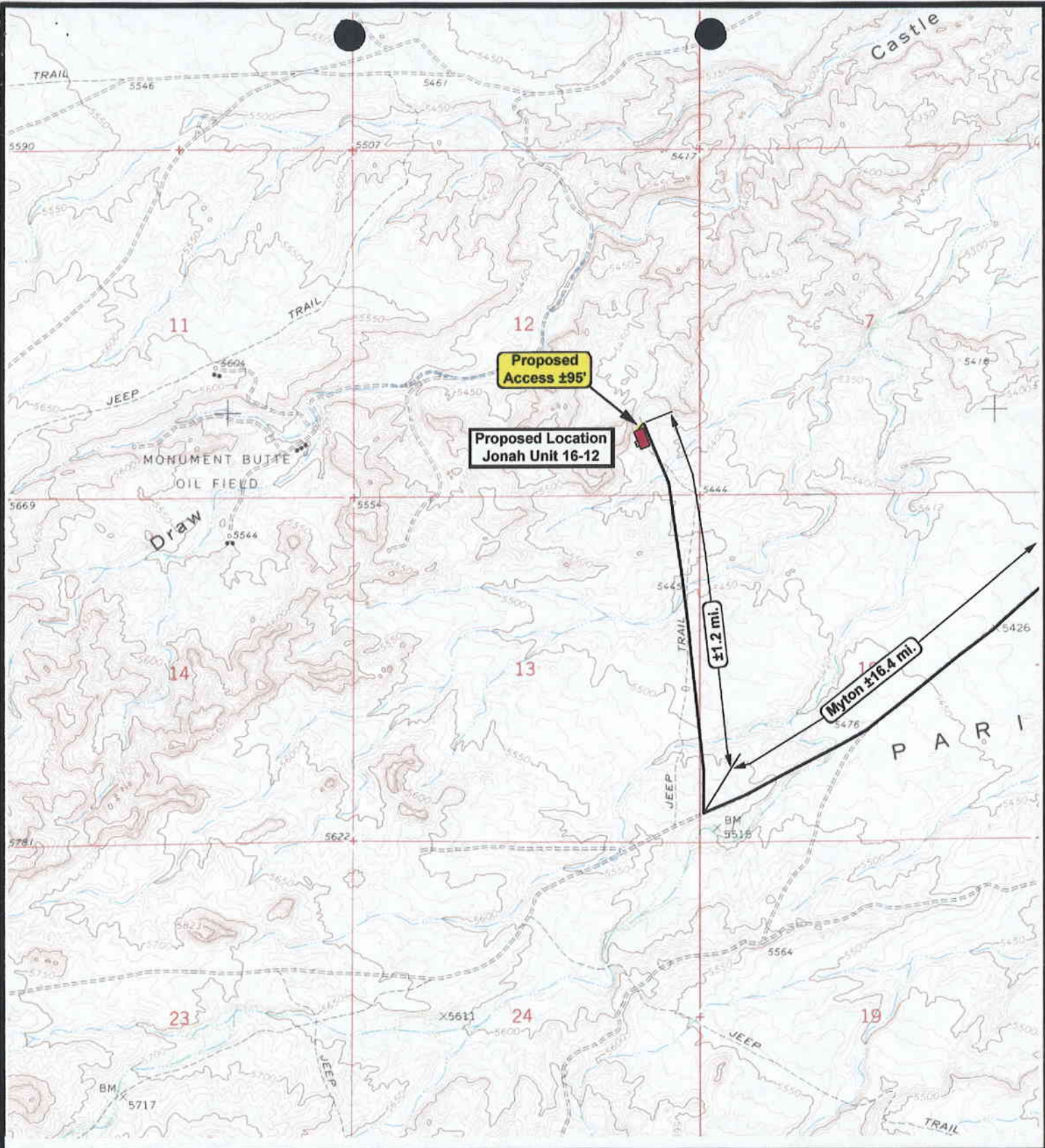
Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: R.A.B.
 DATE: 08-14-2003

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Jonah Unit 16-12
SEC. 12, T9S, R16E, S.L.B.&M.

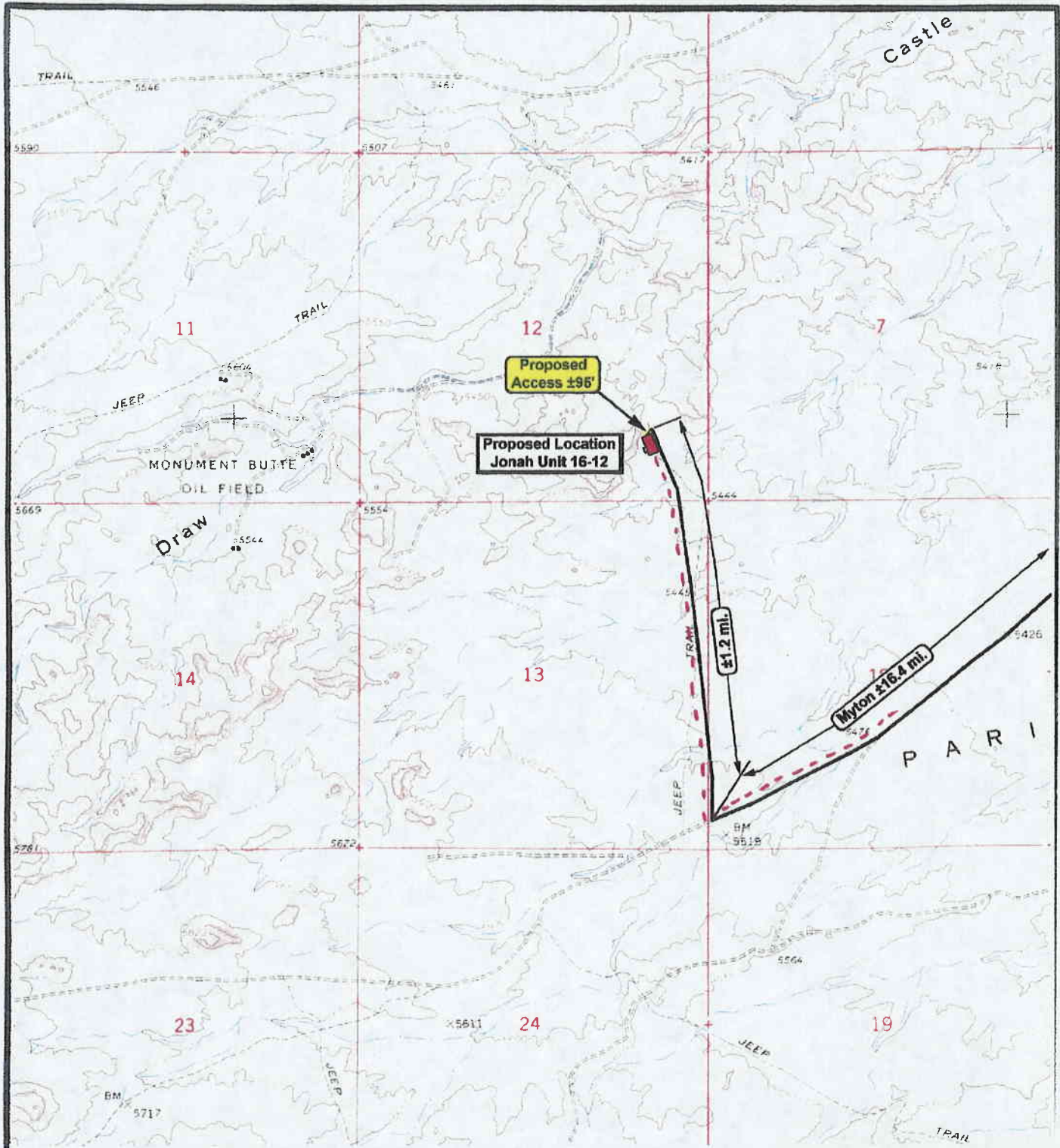


Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: R.A.B.
 DATE: 08-14-2003

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP
"B"



Jonah Unit 16-12
SEC. 12, T9S, R16E, S.L.B.&M.



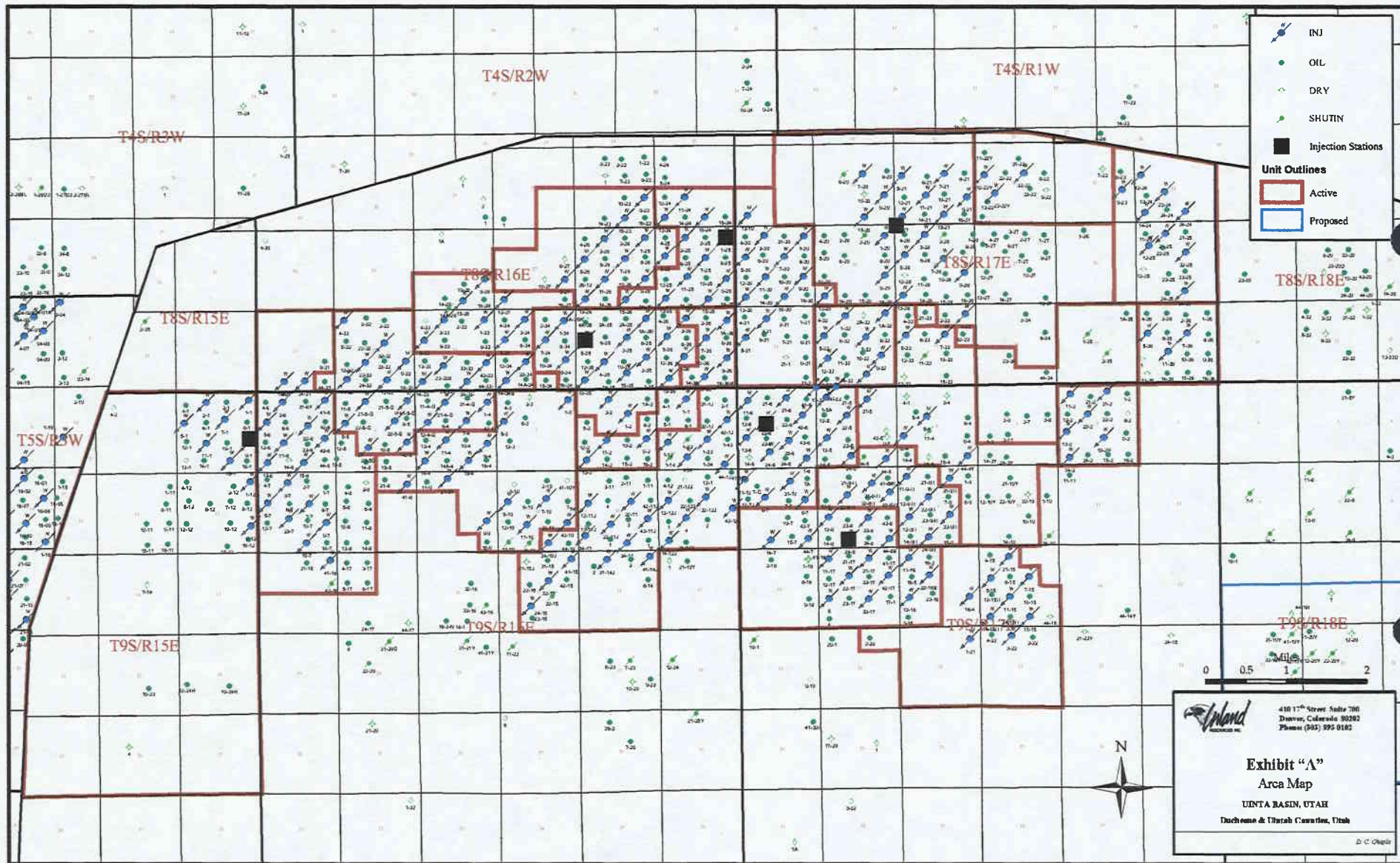
Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: R.A.B.
 DATE: 08-14-2003

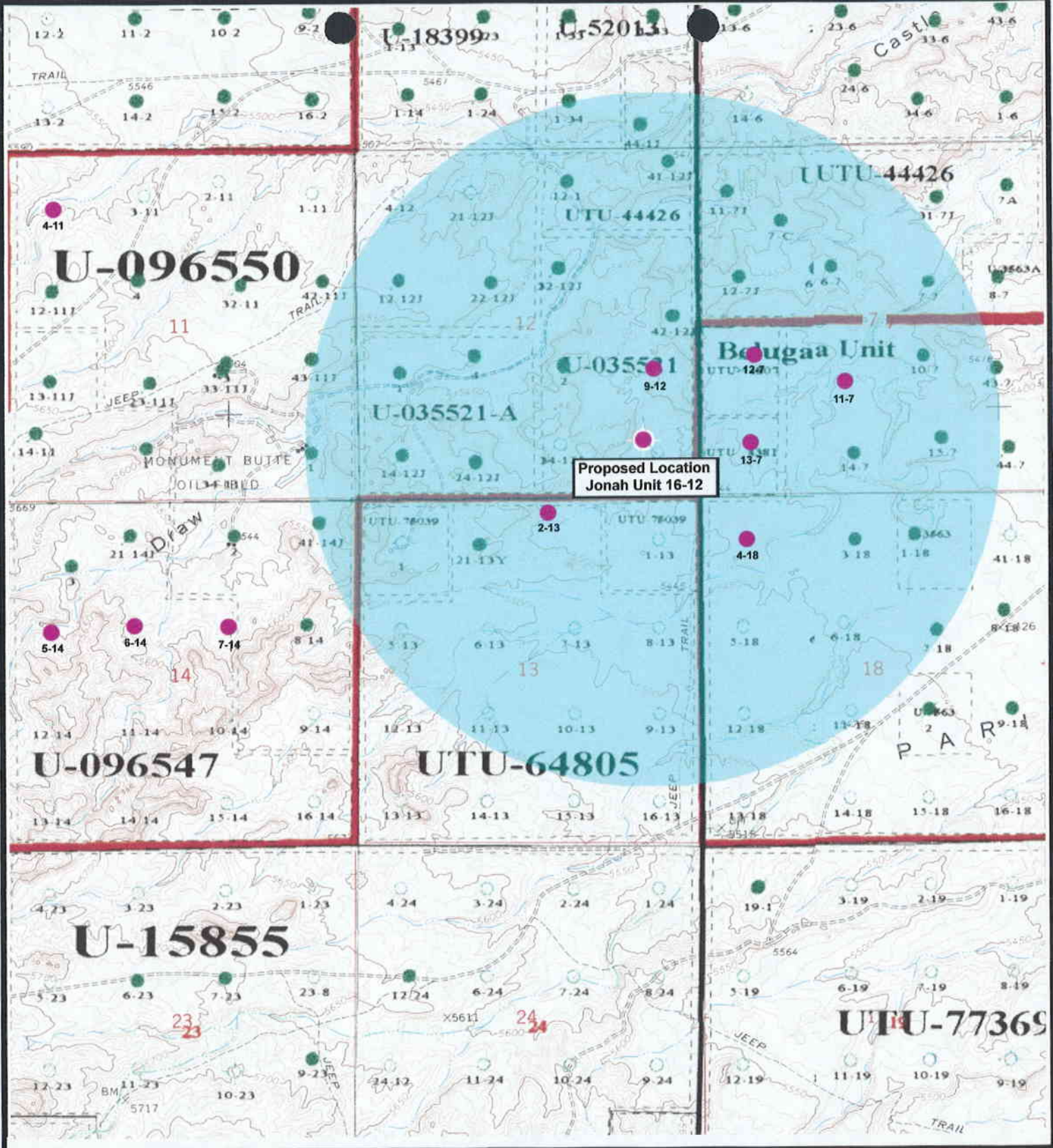
Legend

- Existing Road
- Proposed Access
- Proposed Gas Line

TOPOGRAPHIC MAP
 "C"



January 15, 2003



Proposed Location
Jonah Unit 16-12



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

Legend

- Well Locations
- One-Mile Radius

Jonah Unit 16-12
SEC. 12, T9S, R16E, S.L.B.&M.

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 08-14-2003

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

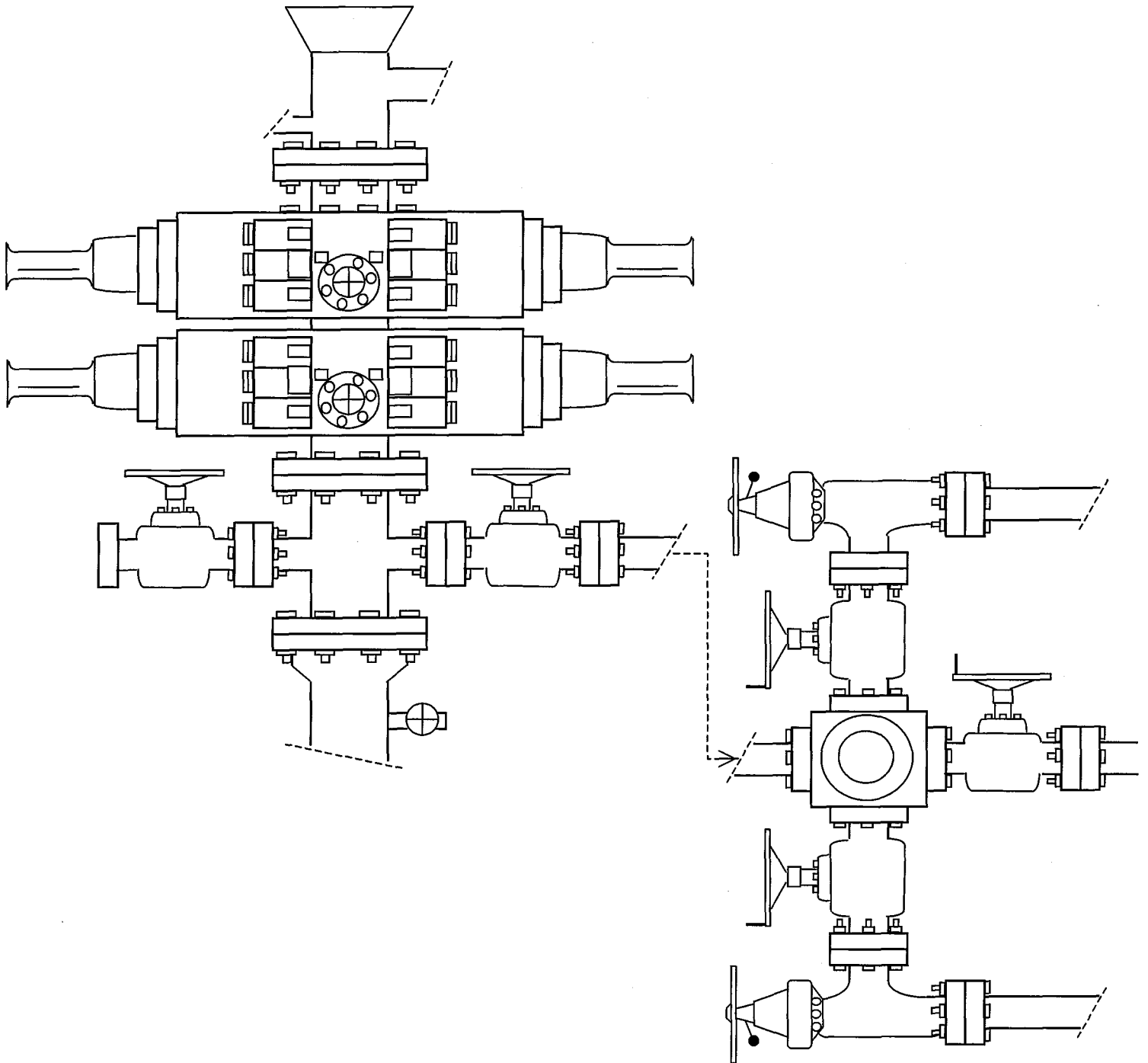


EXHIBIT C

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: JONAH FED 16-12-9-16Api No: 43-013-32431 Lease Type: FEDERALSection 12 Township 09S Range 16E County DUCHESNEDrilling Contractor LEON ROSS RATHOLE RIG # 21**SPUDDED:**Date 09/02/03Time 9:00 AMHow DRY**Drilling will commence:** _____Reported by RAY HERRERATelephone # 1-435-823-1990Date 09/02/2003 Signed: CHD

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
B	99999	11492	43-013-32431	Jonah Federal #16-12-9-16	SE/SE	12	9S	16E	Duchesne	September 2, 2003	9/10/2003
WELL 1 COMMENTS: <i>GRUV</i>											
A	99999	13871	43-013-32299	Ashley #9-10-9-15	NE/SE	10	9S	15E	Duchesne	September 2, 2003	9/10/2003
WELL 2 COMMENTS: <i>GRUV</i>											
A	99999	13872	43-013-32291	Ashley #10-10-9-15	NW/SE	10	9S	15E	Duchesne	September 4, 2003	9/10/2003
WELL 3 COMMENTS: <i>GRUV</i>											
B	99999	11880	43-013-32284	Beluga #11-7-9-17	NE/SW	7	9S	17E	Duchesne	September 4, 2003	9/10/2003
WELL 4 COMMENTS: <i>GRUV</i>											
A	99999	13873	43-013-32302	Ashley #13-11-9-15	SW/SW	11	9S	15E	Duchesne	September 6, 2003	9/10/2003
WELL 5 COMMENTS: <i>GRUV</i>											

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

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

(3-99)

Signature Kebble S. Jones

Production Clerk September 9, 2003
Title _____ Date

RECEIVED
SEP 09 2003

DIV. OF OIL, GAS & MINING

Px

PAGE 02
INLAND
4356463031
09/09/2003 11:18

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

010

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. U-035521
2. Name of Operator INLAND PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721		7. If Unit or CA, Agreement Designation JONAH
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 655 FSL 795 FEL SE/SE Section 12, T9S R16E 858 859		8. Well Name and No. JONAH FEDERAL 16-12-9-16
		9. API Well No. 43-013-32431
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Weekly Status Report <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

On 9-2-03 MIRU Ross # 21. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csqn. Set @ 303.28'/ KB On 9-3-03 cement with 150 sks of Class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 4 bbls cement to pit. WOC.

14. I hereby certify that the foregoing is true and correct

Signed Ray Herrera Title Drilling/Completion Foreman Date 9/6/03
Ray Herrera

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED
SEP 12 2003

Title 18 U.S.C. Section 1001, makes 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.

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 303.13

LAST CASING 8 5/8" SET AT 303.13
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 305 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Jonah 16-12-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross #14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		42.46' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	291.28
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			293.13
TOTAL LENGTH OF STRING		293.13	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			303.13
TOTAL		291.28	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		291.28	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		SPUD	9/2/03	GOOD CIRC THRU JOB			YES
CSG. IN HOLE			2:00 PM	Bbls CMT CIRC TO SURFACE			4
BEGIN CIRC				RECIPROCATED PIPE FOR			THRU _____ FT STROKE
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ?			N/A
BEGIN DSPL. CMT				BUMPED PLUG TO			200 PSI
PLUG DOWN		Cemented	9/2/03				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	150	Class "G" w/ 3% CaCl2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Ray Herrera DATE 9/3/03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

011 SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-035521

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH FEDERAL 16-12-9-16

9. API Well No.

43-013-32431

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

655 FSL 795 FEL SE/SE Section 12, T9S R16E
858 859

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Weekly Status Report**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

On 6-30-04 MIRU Eagle # 2. Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU BHA and tag cement @ 258'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 5780'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 135 Jt's 51/2" J-55 15.5# csgn. Set @ 5775' KB. Cement with 300 sks Prem Lite II w/ 3% KCL, 8 % Gel, 5#"s sk CSE, 3#"s sk Kolseal, .8% Sms, 1/2# sks Celloflake. Mixed @ 11.0 ppg, >3.42 yld. Followed by 400 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/2# sk Celloflake. Mixed @ 14.4 ppg, > 1.24 yld. Returned 40 bbls of 50 bbls dye water to pit. Nipple down BOP's. Drop slips @ 68,000 # 's tension. Clean pit's & release rig on 7-5-04

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JUL 12 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Ray Herrera
Ray Herrera

Title

Drilling Foreman

Date

7-7-2004
6/12/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5775.44

LAST CASING 8 5/8" SET AT 303.15'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5780' LOGGER _____
 HOLE SIZE 7 7/8"

Flt clr @ 5751.19'
 OPERATOR Inland Production Company
 WELL Jonah 16-12-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Eagle # 2

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		5.13' @ 4126'					
135	5 1/2"	IPS LT & C casing	15.5#	J-55	8rd	A	5737.19
		Float collar					0.6
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	25
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5777.44
TOTAL LENGTH OF STRING		5777.44	136	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		128.16	3	CASING SET DEPTH			5775.44
TOTAL		5890.35	139	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5890.35	139				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		6:15 AM		GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		10:55 AM		Bbls CMT CIRC TO SURFACE <u>40 of 50 bbls dye to pit</u>			
BEGIN CIRC		11:15 AM		RECIPROCATED PIPE I N/A <u>THRUSTROKE</u>			
BEGIN PUMP CMT		12:38 PM	1:04 PM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		1:27 PM	1:23 PM	BUMPED PLUG TO <u>1871</u> PSI			
PLUG DOWN			1:50 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premiite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	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 *Roy H* DATE 7-6-04

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

013

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

Inland 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)

858 FSL, 859 FEL

SE/SE Section 12 T9S R16E

5. Lease Serial No.

U035521

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 16-12-9-16

9. API Well No.

4301332431

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 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 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 is 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.)

Status report for time period 9/2/03 - 7/22/04

Subject well had completion procedures initiated in the Green River formation on 9/2/03 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5696-5708'), (5613-5620') & 5595-5600') (All 4 JSPF); #2 (5164-5170') (4 JSPF); #3 (5059-5068') (4 JSPF); #4 (4859-4869') (4 JSPF); #5 (4713-4732') (4 JSPF); #6 (4635-4639'), (4612-4617'), (4563-4573') (All 4 JSPF); #7 (4099-4105') & (4078-4096') (All 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 7/17/04. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5751'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run in and anchored in well. End of tubing string @ 5641.08'. A new 2 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 7/22/04.

RECEIVED
JUL 30 2004
DIV. OF OIL, GAS & MINERAL

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Jodi Wyatt

Signature

Jodi Wyatt

Title

Production Clerk

Date

7/28/2004

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

Office

Date

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

012

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U035521
2. Name of Operator Inland Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 858 FSL, 859 FEL SE/SE Section 12 T9S R16E		8. Well Name and No. JONAH FEDERAL 16-12-9-16
		9. API Well No. 4301332431
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

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

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

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

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 8/4/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

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AUG 05 2004
DIV. OF OIL, GAS & MINING

Inland Resources Inc.

August 26, 2004

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

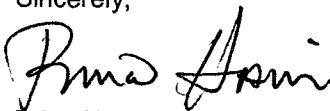
Jonah Fed. 16-12-9-16 (43-013-32431)
Duchesne County, Utah

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Pat Grissom of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,



Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver
Matt Richmond/Roosevelt

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AUG 30 2004

DIV OF OIL, GAS & MINING

Alamo Plaza Building
1401 Seventeenth Street, Suite 1000
Denver, CO 80202
303-893-0102 • Fax: 303-893-0103

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

014

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.
U-035521

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Jonah

8. FARM OR LEASE NAME, WELL NO.
Jonah 16-12-9-16

2. NAME OF OPERATOR
INLAND RESOURCES INC.

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface 655' FSL & 795' FEL (SE SE) Sec. 12, T9S, R16E
 At top prod. Interval reported below

9. WELL NO.
43-013-32431

10. FIELD AND POOL OR WILDCAT OR AREA
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 12, T9S, R16E

14. API NO. 43-013-32431 DATE ISSUED 2/19/2003

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPURRED 9/2/2003 16. DATE T.D. REACHED 7/4/2004 17. DATE COMPL. (Ready to prod.) 7/22/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5422' GL 5434' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5780' 21. PLUG BACK T.D., MD & TVD 5751' 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 4078'-5708'

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#	303	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5775'	7-7/8"	300 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 @ 5641'	TA @ 5540'

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
(CP4,5) 5595-5600', 5613-20', 5696-5708'	.41"	4/96	5595'-5708'	Frac w/ 60,657# 20/40 sand in 489 bbls fluid.
(LODC) 5164'-5170'	.41"	4/24	5164'-5170'	Frac w/ 24,253# 20/40 sand in 259 bbls fluid.
(A3) 5059-68'	.41"	4/36	5059'-5068'	Frac w/ 49,173# 20/40 sand in 419 bbls fluid.
(B2) 4859-69'	.41"	4/40	4859-4869'	Frac w/ 59,382# 20/40 sand in 469 bbls fluid.
(C-sd) 4713-32'	.41"	4/76	4713-4732'	Frac w/ 60,016# 20/40 sand in 458 bbls fluid.
(D1,2) 4563-73', 4612-17', 4635-39'	.41"	4/76	4563'-4639'	Frac w/ 89,343# 20/40 sand in 651 bbls fluid.
(GB6) 4078-96', 4099-4105'	.41"	4/96	4078'-4105'	Frac w/ 80,167# 20/40 sand in 566 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 7/22/2004 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
7 day ave			---	136	47	25	346

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

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 Brian Harris TITLE Engineering Technician DATE 8/26/2004

BDH

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			<p style="text-align: center;">Well Name Jonah 16-12-9-16</p>	<p>3534'</p> <p>3730'</p> <p>3853'</p> <p>4109'</p> <p>4370'</p> <p>4406'</p> <p>4526'</p> <p>4774'</p> <p>4896'</p> <p>5376'</p> <p>5780'</p>	<p>Garden Gulch Mkr</p> <p>Garden Gulch 1</p> <p>Garden Gulch 2</p> <p>Point 3 Mkr</p> <p>X Mkr</p> <p>Y-Mkr</p> <p>Douglas Creek Mkr</p> <p>BiCarbonate Mkr</p> <p>B Limestone Mkr</p> <p>Castle Peak</p> <p>Basal Carbonate</p> <p>Total Depth (LOGGERS)</p>	



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

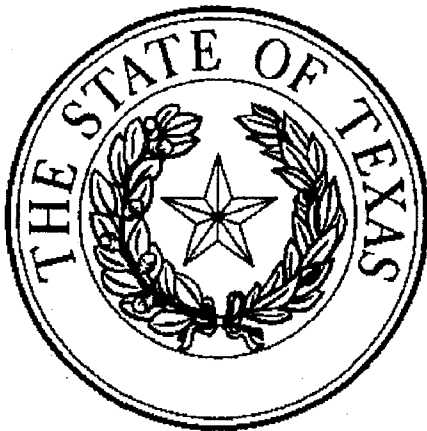
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

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		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

015
Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No. Unit: JONAH (GREEN RIVER)

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
JONAH FED 1-11	11	090S	160E	4301332157	11492	Federal	WI	A
JONAH FED 2-11	11	090S	160E	4301332158	11492	Federal	OW	P
JONAH FED 3-11	11	090S	160E	4301332159	11492	Federal	WI	A
JONAH 4-11-9-16	11	090S	160E	4301332279	11492	Federal	OW	P
JONAH UNIT 4-12	12	090S	160E	4301332180	11492	Federal	OW	P
JONAH FED 9-12-9-16	12	090S	160E	4301332430	11492	Federal	OW	P
JONAH FED 16-12-9-16	12	090S	160E	4301332431	11492	Federal	OW	P
JONAH FED 15-12-9-16	12	090S	160E	4301332627		Federal	OW	APD
JONAH UNIT 8-14-9-16	14	090S	160E	4301332054	11492	Federal	OW	P
JONAH 5-14-9-16	14	090S	160E	4301332336	11492	Federal	OW	P
JONAH 6-14-9-16	14	090S	160E	4301332337	11492	Federal	OW	P
JONAH 7-14-9-16	14	090S	160E	4301332338	11492	Federal	OW	P
JONAH FED 9-14-9-16	14	090S	160E	4301332661		Federal	OW	APD
JONAH FED 10-14-9-16	14	090S	160E	4301332662		Federal	OW	APD
JONAH 8-7	07	090S	170E	4301331989	11492	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

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:

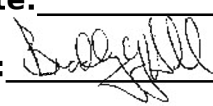
- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

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

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-035521
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 16-12-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013324310000	
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: 0858 FSL 0859 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 12 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/23/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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: PUT ON INJECTION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 9:30 PM on 09/23/2011.		
Accepted by the Utah Division of Oil, Gas and Mining Date: <u>09/27/2011</u> By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/27/2011	



June 3, 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 #16-12-9-16
Monument Butte Field, Lease #UTU-035521
Section 12-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #16-12-9-16 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,


Eric Sundberg
Regulatory Lead

RECEIVED
JUN 09 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH FEDERAL #16-12-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-035521
JUNE 3, 2010

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Jonah Federal 16-12-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-035521
Well Location: QQ SE/SE section 12 township 9S range 16E county Duchesne


Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-32431

Proposed injection interval: from 3853 to 5751
Proposed maximum injection: rate 500 bpd pressure 1764 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

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

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

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 6/4/10
Phone No. (303) 893-0102

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

Comments:

Jonah Federal #16-12-9-16

Spud Date: 9/2/03

Put on Production: 7/22/04
GL: 5423' KB: 5435'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

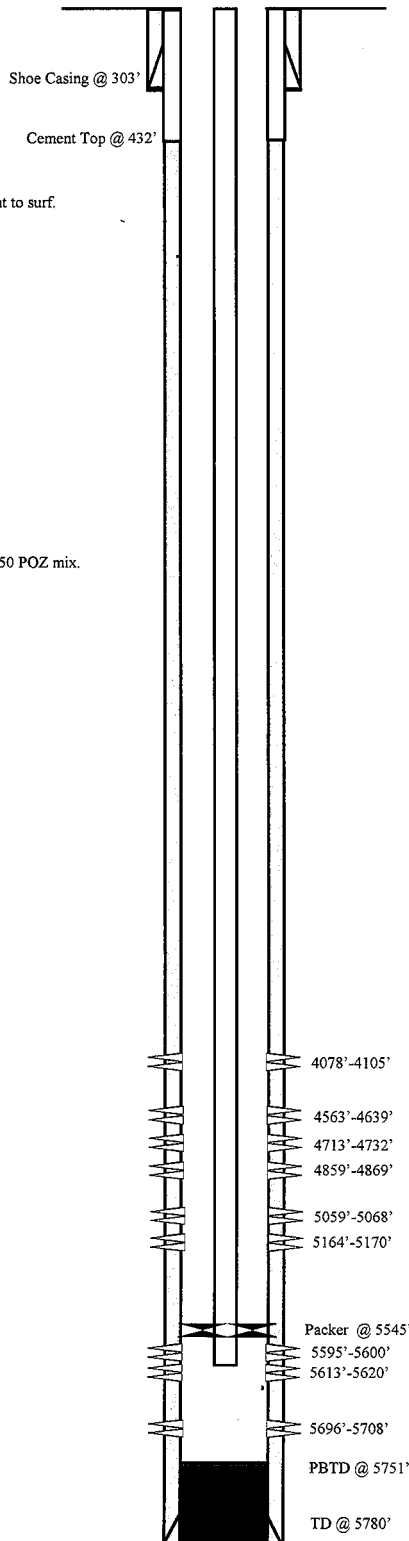
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (293.13')
DEPTH LANDED: 303.13' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5777.44')
DEPTH LANDED: 5775.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
CEMENT TOP AT: 432'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5528.20')
TUBING ANCHOR: 5540.20' KB
NO. OF JOINTS: 1 jts (32.46')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5575.46' KB
NO. OF JOINTS: 2 jts (64.07')
TOTAL STRING LENGTH: EOT @ 5641.08' W/12' KB



FRAC JOB

7/15/04	5595'-5708'	Frac CP sands as follows: 60,657# 20/40 sand in 489 bbls lightning Frac 17 fluid. Treated @ avg press of 1500 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 5593 gal. Actual flush: 5590 gal.
7/16/04	5164'-5170'	Frac LODC sands as follows: 24,253# 20/40 sand in 259 bbls lightning Frac 17 fluid. Treated @ avg press of 2680 psi w/avg rate of 24.6 BPM. Screened out.
7/19/04	5059'-5068'	Frac A3 sands as follows: 49,173# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1790 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5057 gal. Actual flush: 5057 gal.
7/19/04	4859'-4869'	Frac B2 sands as follows: 59,382# 20/40 sand in 469 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24.7 BPM. ISIP 2570 psi. Calc flush: 4857 gal. Actual flush: 4855 gal.
7/19/04	4713'-4732'	Frac C sands as follows: 60,016# 20/40 sand in 458 bbls lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24.7 BPM. ISIP 2220 psi. Calc flush: 4711 gal. Actual flush: 4757 gal.
7/19/04	4563'-4639'	Frac D sands as follows: 89,343# 20/40 sand in 651 bbls lightning Frac 17 fluid. Treated @ avg press of 1813 psi w/avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4561 gal. Actual flush: 4561 gal.
7/19/04	4078'-4105'	Frac CB6 sands as follows: 80,167# 20/40 sand in 566 bbls lightning Frac 17 fluid. Treated @ avg press of 1532 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 4077 gal. Actual flush: 3990 gal.

PERFORATION RECORD

7/13/04	5696'-5708'	4 JSPF	48 holes
7/13/04	5613'-5620'	4 JSPF	28 holes
7/13/04	5595'-5600'	4 JSPF	20 holes
7/15/04	5164'-5170'	4 JSPF	24 holes
7/19/04	5059'-5068'	4 JSPF	36 holes
7/19/04	4859'-4869'	4 JSPF	40 holes
7/19/04	4713'-4732'	4 JSPF	76 holes
7/19/04	4635'-4639'	4 JSPF	16 holes
7/19/04	4612'-4617'	4 JSPF	20 holes
7/19/04	4563'-4573'	4 JSPF	40 holes
7/19/04	4099'-4105'	4 JSPF	24 holes
7/19/04	4078'-4096'	4 JSPF	72 holes



Jonah Federal #16-12-9-16
858' FSL & 859' FEL
SE/SE Section 12-T9S-R16E
Duchesne Co, Utah
API #43-013-32431; Lease #UTU-035521

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 #16-12-9-16 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 #16-12-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3853' - 5751'). 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 3534' and the TD is at 5780'.

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

The referenced log for the Jonah Federal #16-12-9-16 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-035521) 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 303' KB, and 5-1/2", 15.5# casing run from surface to 5775' 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 1764 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 #16-12-9-16, for existing perforations (4078' - 5708') calculates at 0.75 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 1764 psig. We may add additional perforations between 3534' and 5780'. 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 #16-12-9-16, the proposed injection zone (3853' - 5751') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-11.

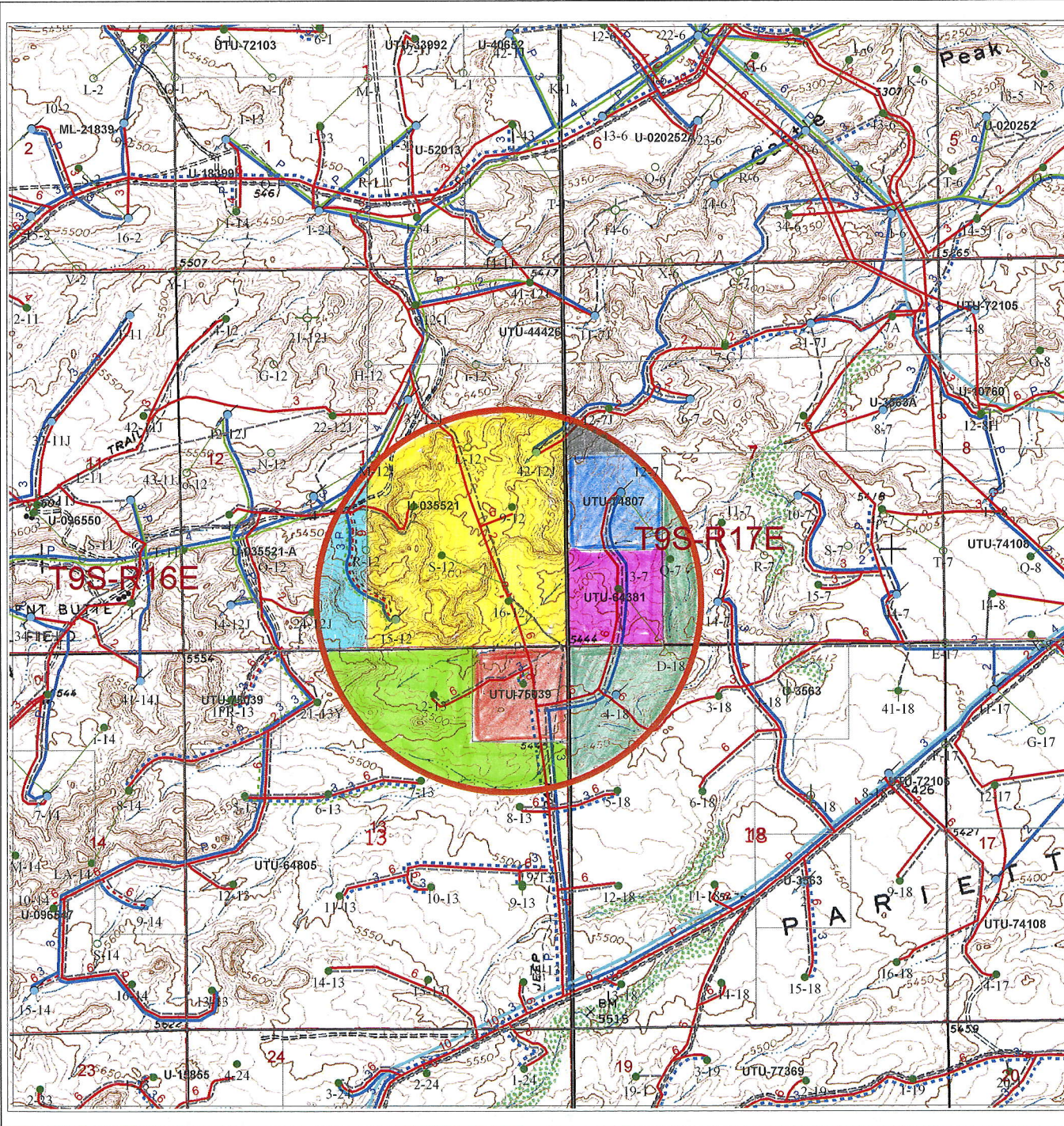
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



Well Status

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

Injection system

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

Other Symbols

- ▭ Leases
- ▭ Mining tracts
- Gas Pipelines
- - - Gathering lines
- - - Proposed lines
- ⊞ 16-12-9-16 1/2mile radius

- UTU-035521
- UTU-035521-A
- UTU-64805
- UTU-75039
- UTU-72106
- UTU-64381
- UTU-74807
- UTU-44426

Attachment A

Jonah Federal 16-12-9-16
Section 12, 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

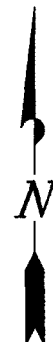
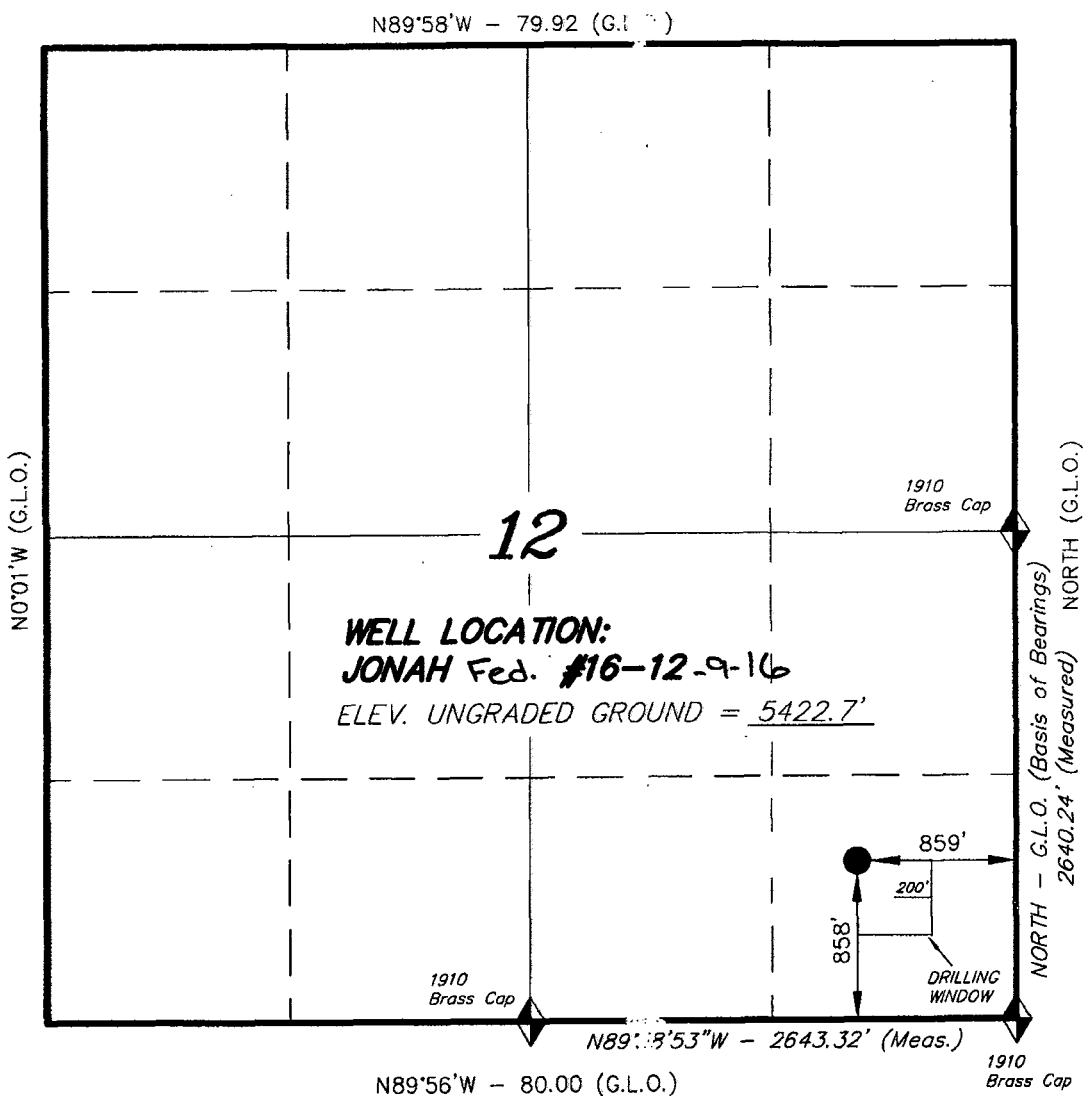
February 24, 2010

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

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #16-12-9-16
 LOCATED AS SHOWN IN THE SE 1/4 SE
 1/4 OF SECTION 12, 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.

REGISTERED LAND SURVEYOR
 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' QUA (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 8-27-03	DRAWN BY: R.V.C. J.R.S.
NOTES:	FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 16 East SLM</u> Section 12: S2NE, SE	USA UTU-035521 HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Montana & Wyoming Oil Company Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 12: SW	USA UTU-035521-A HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Thomas J. Lambert Montana & Wyoming Oil Company Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 13: NWNE, NENW, 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 13: NWNW, NENE	USA UTU-75039 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

EXHIBIT B


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
5	<u>Township 9 South, Range 17 East SLM</u> Section 7: E2SW, SE Section 17: N2, W2SE Section 18: Lots 1-4, NENE, S2NE, E2W2, NESE, S2SE	USA UTU-72106 HBP	Newfield Production Company Newfield RMI LLC	USA
6	<u>Township 9 South, Range 17 East SLM</u> Section 7: Lot 4	USA UTU-64381 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
7	<u>Township 9 South, Range 17 East SLM</u> Section 7: Lot 3	USA UTU-74807 HBP	Newfield Production Company Newfield RMI LLC	USA
8	<u>Township 9 South, Range 16 East SLM</u> Section 1: SESE Section 12: N2NE <u>Township 9 South, Range 17 East SLM</u> Section 7: Lots 1-2, N2NE, SWNE, E2NW	USA UTU-44426 HBP	Newfield Production Company Newfield RMI LLC Lynn Cowden	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #16-12-9-16

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 4th day of June, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



Jonah Federal #16-12-9-16

Spud Date: 9/2/03

Put on Production: 7/22/04
GL: 5423' KB: 5435'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (293.13')
DEPTH LANDED: 303.13' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5777.44')
DEPTH LANDED: 5775.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
CEMENT TOP AT: 432'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5528.20')
TUBING ANCHOR: 5540.20' KB
NO. OF JOINTS: 1 jts (32.46')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5575.46' KB
NO. OF JOINTS: 2 jts (64.07')
TOTAL STRING LENGTH: EOT @ 5641.08' W/12' KB

SUCKER RODS

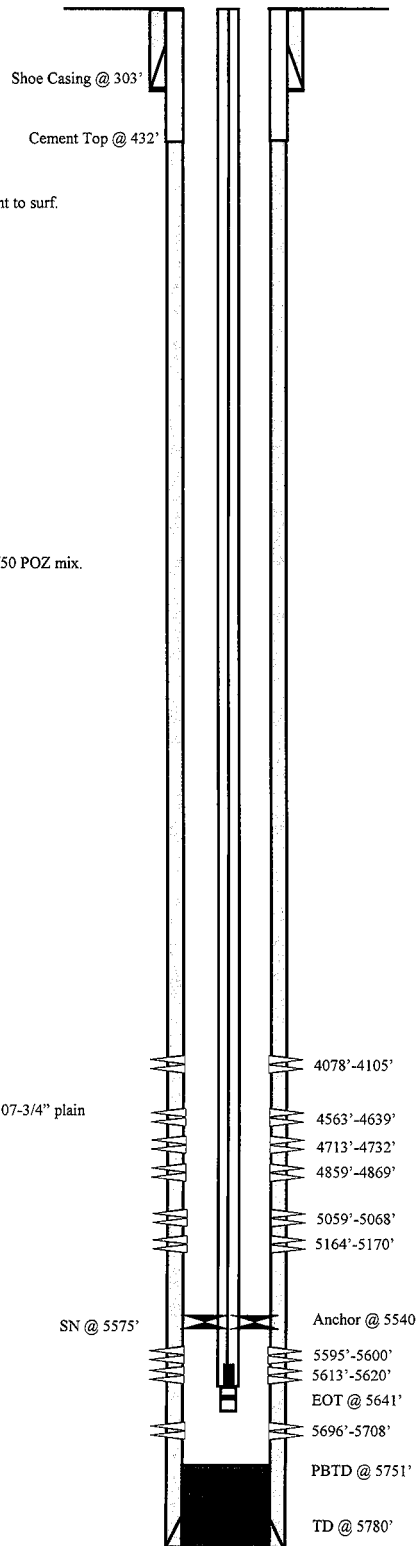
POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 6-1 1/2" weight rods, 10-3/4" scraped rods; 107-3/4" plain rods, 100-3/4" scraped rods, 1-4' & 1-2' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger
STROKE LENGTH: 64"
PUMP SPEED, SPM: 5 SPM
LOGS: DIGL/SP/GR/CAL

FRAC JOB

7/15/04	5595'-5708'	Frac CP sands as follows: 60,657# 20/40 sand in 489 bbls lightning Frac 17 fluid. Treated @ avg press of 1500 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 5593 gal. Actual flush: 5590 gal.
7/16/04	5164'-5170'	Frac LODC sands as follows: 24,253# 20/40 sand in 259 bbls lightning Frac 17 fluid. Treated @ avg press of 2680 psi w/avg rate of 24.6 BPM. Screened out.
7/19/04	5059'-5068'	Frac A3 sands as follows: 49,173# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1790 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5057 gal. Actual flush: 5057 gal.
7/19/04	4859'-4869'	Frac B2 sands as follows: 59,382# 20/40 sand in 469 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24.7 BPM. ISIP 2570 psi. Calc flush: 4857 gal. Actual flush: 4855 gal.
7/19/04	4713'-4732'	Frac C sands as follows: 60,016# 20/40 sand in 458 bbls lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24.7 BPM. ISIP 2220 psi. Calc flush: 4711 gal. Actual flush: 4757 gal.
7/19/04	4563'-4639'	Frac D sands as follows: 89,343# 20/40 sand in 651 bbls lightning Frac 17 fluid. Treated @ avg press of 1813 psi w/avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4561 gal. Actual flush: 4561 gal.
7/19/04	4078'-4105'	Frac GB6 sands as follows: 80,167# 20/40 sand in 566 bbls lightning Frac 17 fluid. Treated @ avg press of 1532 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 4077 gal. Actual flush: 3990 gal.

PERFORATION RECORD

7/13/04	5696'-5708'	4 JSPF	48 holes
7/13/04	5613'-5620'	4 JSPF	28 holes
7/13/04	5595'-5600'	4 JSPF	20 holes
7/15/04	5164'-5170'	4 JSPF	24 holes
7/19/04	5059'-5068'	4 JSPF	36 holes
7/19/04	4859'-4869'	4 JSPF	40 holes
7/19/04	4713'-4732'	4 JSPF	76 holes
7/19/04	4635'-4639'	4 JSPF	16 holes
7/19/04	4612'-4617'	4 JSPF	20 holes
7/19/04	4563'-4573'	4 JSPF	40 holes
7/19/04	4099'-4105'	4 JSPF	24 holes
7/19/04	4078'-4096'	4 JSPF	72 holes



Jonah Federal #16-12-9-16
858' FSL & 859' FEL
SE/SE Section 12-T9S-R16E
Duchesne Co, Utah
API #43-013-32431; Lease #UTU-035521

Federal 2-13-9-16

Spud Date: 10-13-05
 Put on Production: 11-30-05
 GL: 5472' KB: 5484'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.06')
 DEPTH LANDED: 312.91' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (5815.48')
 DEPTH LANDED: 5828.73' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 60'

TUBING

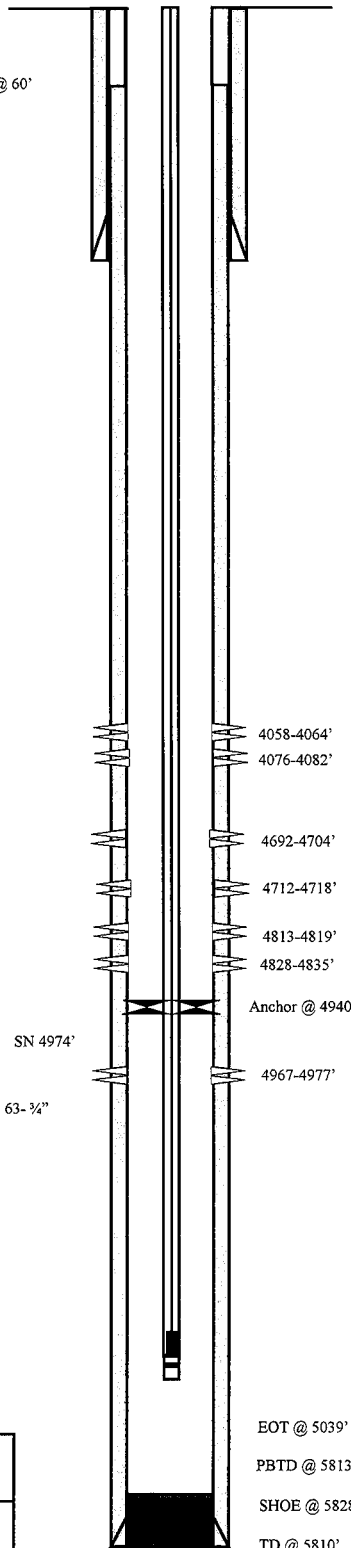
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 155 jts (4930.08')
 TUBING ANCHOR: 4940.08'
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4974.42'
 NO. OF JOINTS: 2 jts (62.53')
 TOTAL STRING LENGTH: EOT @ 5038.50'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-6' & 1-2' X 3/4" pony rods, 99- 3/4" scraped rods, 63- 3/4" plain rods, 30- 3/4" scraped rods, 6- 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14 1/2' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-21-05	4967-4977'	Frac A1 sands as follows: 24275# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4965 gal. Actual flush: 4691 gal.
11-21-05	4813-4835'	Frac B1 sands as follows: 59177# 20/40 sand in 474 bbls Lightning 17 frac fluid. Treated @ avg press of 1679 psi w/avg rate of 24.7 BPM. ISIP 2250 psi. Calc flush: 4811 gal. Actual flush: 4599 gal.
11-22-05	4692-4718'	Frac C sands as follows: 59763# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4690 gal. Actual flush: 4032 gal.
11-22-05	4058-4082'	Frac GB6 sands as follows: 31561# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 w/ avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 4056 gal. Actual flush: 3948 gal.
11-30-07		Tubing Leak. Updated rod & tubing details.



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
11-14-05	4967-4977'	4 JSPF	40 holes
11-21-05	4828-4835'	4 JSPF	28 holes
11-21-05	4813-4819'	4 JSPF	24 holes
11-22-05	4712-4718'	4 JSPF	24 holes
11-22-05	4692-4704'	4 JSPF	48 holes
11-22-05	4076-4082'	4 JSPF	24 holes
11-22-05	4058-4064'	4 JSPF	24 holes

NEWFIELD

Federal 2-13-9-16

626' FNL & 1847' FEL

NW/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32659; Lease #UTU-64805

Beluga D-18-9-17

Spud Date: 02/12/2010
 Put on Production: 03/11/2010
 GL: 5379' KB: 5391'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (307.19')
 DEPTH LANDED: 319.04'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

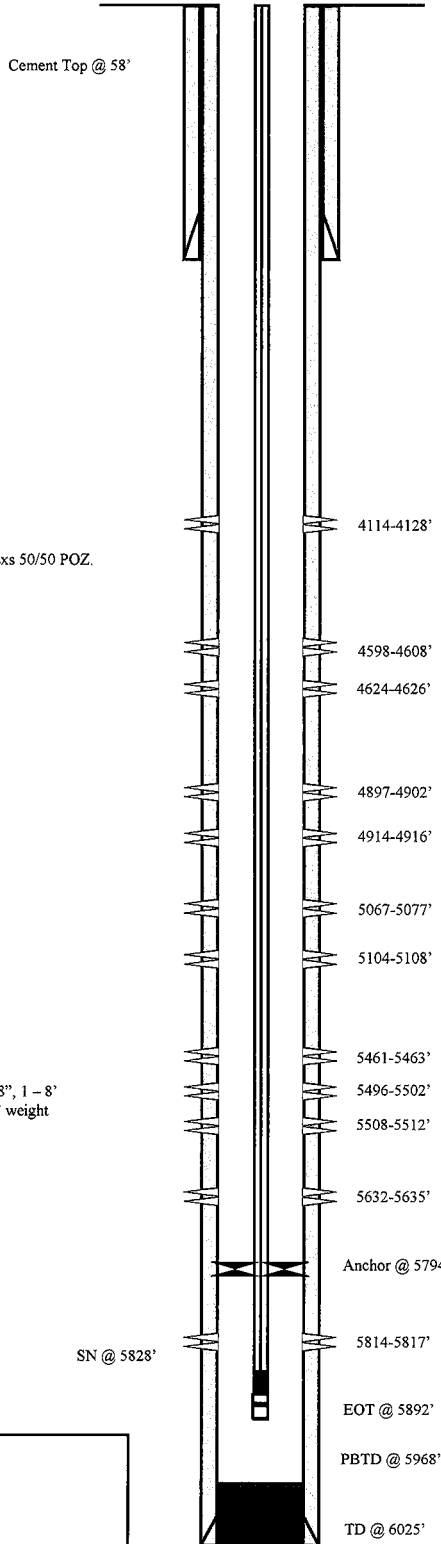
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (6000.16')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6013.41'
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 184 jts (5781.7')
 TUBING ANCHOR: 5793.7'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5827.9' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5892'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 6' x 7/8", 1 - 8' x 7/8" pony rods; 227 - 7/8" 8 per guided rods; 4 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 3/4 x 24' RHAC
 STROKE LENGTH: 144
 PUMP SPEED: SPM 6




FRAC JOB

3-12-10	5632-5817'	Frac CP4 & CP5 sands as follows: Frac with 20496# 20/40 sand in 168 bbls Lightning 17 fluid.
3-12-10	5461-5512'	Frac CP.5 & CP1 sands as follows: Frac with 44748# 20/40 sand in 290 bbls Lightning 17 fluid.
3-12-10	5067-5108'	Frac A1 & A3 sands as follows: Frac with 70141# 20/40 sand in 435 bbls Lightning 17 fluid.
3-12-10	4897-4916'	Frac B2 sands as follows: Frac with 35400# 20/40 sand in 237 bbls Lightning 17 fluid.
3-12-10	4598-4626'	Frac D1 & D2 sands as follows: Frac with 55495# 20/40 sand in 349 bbls Lightning 17 fluid.
3-12-10	4114-4128'	Frac GB6 sands as follows: Frac with 35096# 20/40 sand in 227 bbls Lightning 17 fluid.

PERFORATION RECORD

5814-5817'	3 JSPF	9 holes
5632-5635'	3 JSPF	9 holes
5508-5512'	3 JSPF	12 holes
5496-5502'	3 JSPF	18 holes
5461-5463'	3 JSPF	6 holes
5104-5108'	3 JSPF	12 holes
5067-5077'	3 JSPF	30 holes
4914-4916'	3 JSPF	6 holes
4897-4902'	3 JSPF	15 holes
4624-4626'	3 JSPF	6 holes
4598-4608'	3 JSPF	30 holes
4114-4128'	3 JSPF	42 holes



Beluga D-18-9-17
 796' FSL & 729' FWL (SW/SW)
 Section 7, T9S, R17E
 Duchesne Co, Utah
 API # 43-013-34156; Lease # UTU-64381

Jonah Federal 15-12-9-16

Spud Date: 10-08-05
 Put on Production: 11-11-05
 GL: 5499' KB: 5511'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

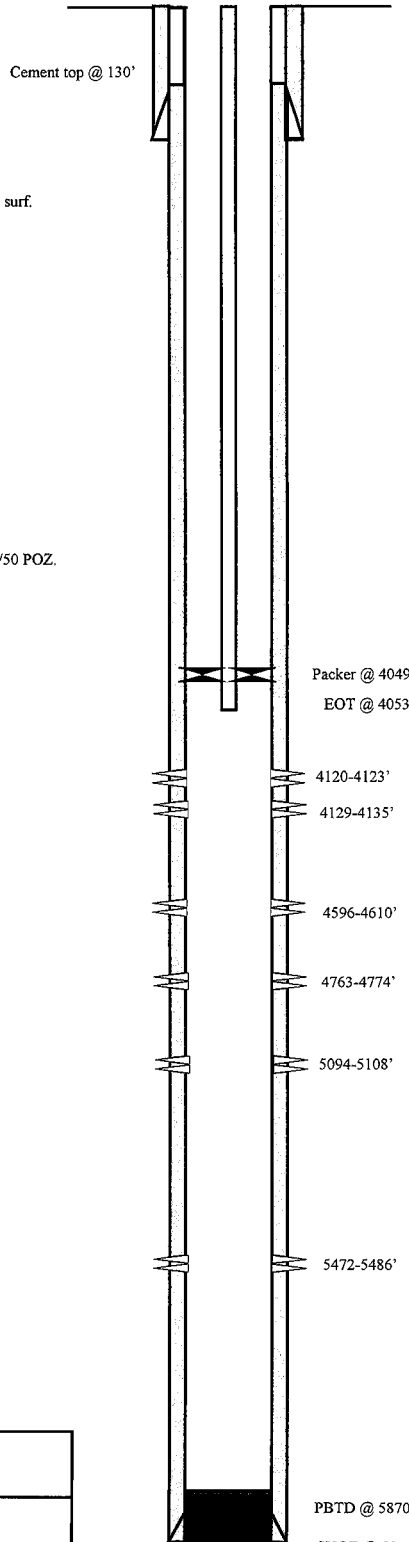
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (296.84')
 DEPTH LANDED: 308.69' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5906.75')
 DEPTH LANDED: 5920' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 121 jts (4032.45')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4044.45' KB
 TOTAL STRING LENGTH: EOT @ 4053.00' KB



FRAC JOB

11-07-05	5472-5486'	Frac CPI, sands as follows: 59446# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 1739 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 5470 gal. Actual flush: 5048 gal.
11-07-05	5094-5108'	Frac A3, sands as follows: 80231# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 1586 psi w/avg rate of 24.8 BPM. ISIP 1990 psi. Calc flush: 5092 gal. Actual flush: 4704 gal.
11-07-05	4763-4774'	Frac C sands as follows: 29525# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 1861 psi w/avg rate of 24.7 BPM. ISIP 2080 psi. Calc flush: 4761 gal. Actual flush: 4473 gal.
11-08-05	4596-4610'	Frac D1 sands as follows: 80686# 20/40 sand in 590 bbls Lightning 17 frac fluid. Treated @ avg press of 1924 w/ avg rate of 25 BPM. ISIP 2220 psi. Calc flush: 4594 gal. Actual flush: 3990 gal.
11-08-05	4120-4135'	Frac GB6 sands as follows: 31631# 20/40 sand in 341 bbls Lightning 17 frac fluid. Treated @ avg press of 1738 w/ avg rate of 24.9 BPM. ISIP 2030 psi. Calc flush: 4118 gal. Actual flush: 4032 gal.
5/1/07		Well converted to an Injection well. MIT completed and submitted.

PERFORATION RECORD

Date	Interval	Tool	Holes
11-02-05	5472-5486'	4 JSPF	56 holes
11-07-05	5094-5108'	4 JSPF	56 holes
11-07-05	4763-4774'	4 JSPF	44 holes
11-08-05	4596-4610'	4 JSPF	56 holes
11-08-05	4129-4135'	4 JSPF	24 holes
11-08-05	4120-4123'	4 JSPF	12 holes

NEWFIELD

Jonah Federal 15-12-9-16

427' FSL & 2355' FEL

SW/SE Section 12-T9S-R16E

Duchesne Co, Utah

API #43-013-32627; Lease #UTU-35521

Beluga 4-18-9-17

Spud Date: 8/21/2003
 Put on Production: 8/25/2004
 GL: 5445' KB: 5457'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

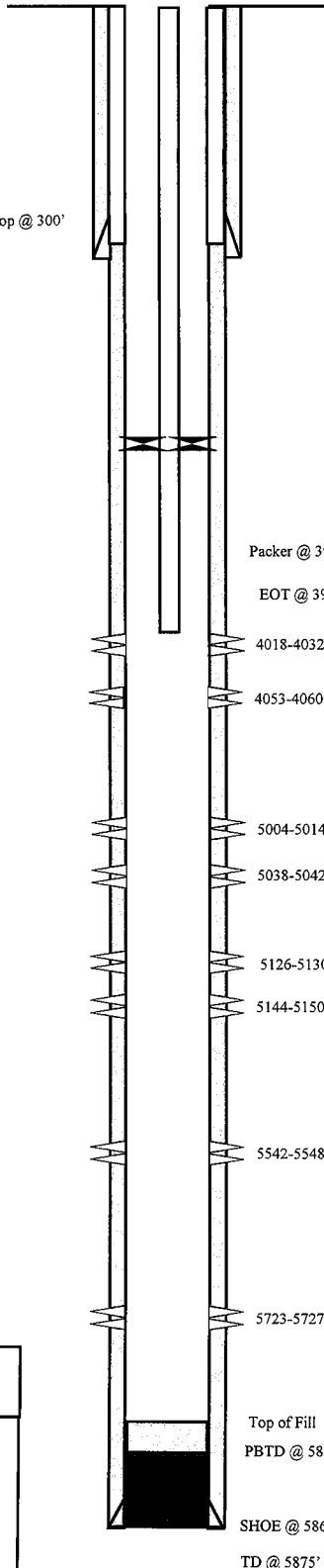
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (299.75')
 DEPTH LANDED: 309.75' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5866.49')
 DEPTH LANDED: 5864.49' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 425 sxs 50/50 POZ mix.
 CEMENT TOP AT: 300'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 122 jts (3935.01')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 3947.01' KB
 TOTAL STRING LENGTH: EOT @ 3955.56'



FRAC JOB

08/18/04	5542-5727'	Frac CP3 sands as follows: 29,672# 20/40 sand in 329 bbls lightning Frac 17 fluid. Treated @ avg press of 1757 psi w/avg rate of 24.8 BPM. ISIP 1800. Calc flush: 5540 gal. Actual flush: 5540 gal.
08/18/04	5126-5150'	Frac LODC sands as follows: 34,544# 20/40 sand in 340 bbls lightning Frac 17 fluid. Treated @ avg press of 2915 psi w/avg rate of 24.6 BPM. ISIP 3900 psi. Calc flush: 5124 gal. Actual flush: 5166 gal.
08/18/04	5004-5042'	Frac A1 and A3 sands as follows: 49,979# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1711 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5002 gal. Actual flush: 4998 gal.
08/18/04	4018-4060'	Frac GB4 and GB6 sands as follows: 116,050# 20/40 sand in 785 bbls lightning Frac 17 fluid. Treated @ avg press of 1632 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 4016 gal. Actual flush: 3931 gal.
10/25/05		Parted Rods. Update tubing and rod details.
11/01/05		Parted rods. Update rod and tubing details.
8/4/06		Well converted to an Injection well.
8/18/06		MIT completed and submitted.

PERFORATION RECORD

8/13/04	5723-5727'	4 JSPF	16 holes
8/13/04	5542-5548'	4 JSPF	24 holes
8/18/04	5144-5150'	4 JSPF	24 holes
8/18/04	5126-5130'	4 JSPF	16 holes
8/18/04	5038-5042'	4 JSPF	16 holes
8/18/04	5004-5014'	4 JSPF	40 holes
8/18/04	4053-4060'	4 JSPF	28 holes
8/18/04	4018-4032'	4 JSPF	56 holes

NEWFIELD

Beluga 4-18-9-17
 660' FNL 660' FWL
 NW/NW Section 18-T9S-R17E
 Duchesne Co., Utah
 API# 43-013-32274; Lease # UTU-72106

Beluga 13-7-9-17

Spud Date: 9/9/2003
 Put on Production: 9/21/04
 GL: 5384' KB: 5396'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.67')
 DEPTH LANDED: 313.67' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 2.5 bbls cmt to pit

PRODUCTION CASING

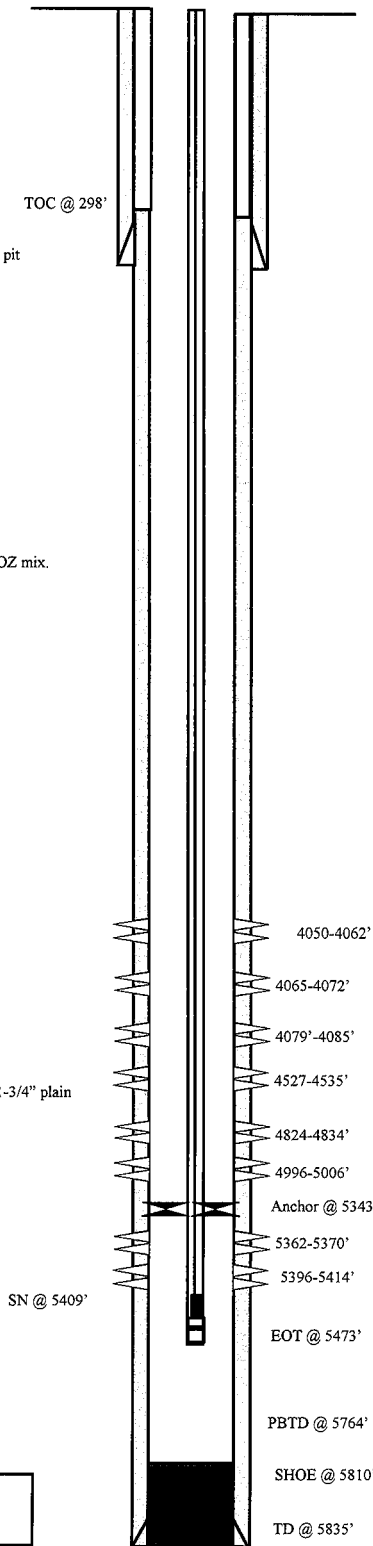
CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5814.53')
 DEPTH LANDED: 5810.13' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 298'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5330.25')
 TUBING ANCHOR: 5342.75' KB
 NO. OF JOINTS: 2 jts (63.10')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5408.60' KB
 NO. OF JOINTS: 2 jts (63.00')
 TOTAL STRING LENGTH: EOT @ 5473.15' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-2' x 3/4" pony rods, 99-3/4" scraped rods; 101-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC pump w/ SM Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL



FRAC JOB

9/14/04 5362-5414' **Frac CP1 & CP.5 sands as follows:**
 100,054#s 20/40 sand in 726 bbls Lightning Frac 17 fluid. Treated @ avg press of 1285 psi w/avg rate of 25 BPM. ISIP 1900. Calc flush 5350 gal. Actual flush: 5351 gal.

9/14/04 4996-5006' **Frac A1 sands as follows:**
 49,839# 20/40 sand in 416 bbls Lightning Frac 17 fluid. Treated @ avg press of 1577 psi w/avg rate of 25.4 BPM. ISIP 2060 psi. Calc flush: 4993gal. Actual flush: 4994 gal.

9/15/04 4824-4834' **Frac B2 sands as follows:**
 50,364# 20/40 sand in 429 bbls lightning Frac 17 fluid. Treated @ avg press of 2225 psi w/avg rate of 25.2 BPM. ISIP 1948 psi. Calc flush: 4783 gal. Actual flush: 44784 gal.

Screened Out. Calc

9/15/04 4527-4535' **Frac D1 sands as follows:**
 17,120# 20/40 sand in 228 bbls lightning Frac 17 fluid. Treated @ avg press of 2058 psi w/avg rate of 25.3 BPM. ISIP 1835 psi. Calc flush: 4405 gal. Actual flush: 4406 gal.

03/29/07 Work-over **Rod & Tubing detail updated.**

PERFORATION RECORD

Date	Interval	Tool	Holes
9/9/04	5396-5414'	4 JSPF	72 holes
9/9/04	5362-5370'	4 JSPF	32 holes
9/14/04	4996-5006'	4 JSPF	40 holes
9/14/04	4824-4834'	4 JSPF	40 holes
9/15/04	4527-4535'	4 JSPF	32 holes

NEWFIELD

Beluga 13-7-9-17
 802' FSL & 711' FWL
 SW/SW Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32276; Lease #UTU-64381

Spud Date: 7/24/08
 Put on Production: 8/28/08
 GL:5380' KB:5392'

Beluga #Q-7-9-17

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.5')
 DEPTH LANDED: 324.35'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6086.81')
 DEPTH LANDED: 6054.04'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sx Premilite II and 450 sx 50/50 Poz
 CEMENT TOP AT: 30'

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5650.19')
 TUBING ANCHOR: 5662'
 NO. OF JOINTS: 1 jt (31.04')
 SEATING NIPPLE: 2 - 7/8" (1.10')
 SN LANDED AT: 5696'
 NO. OF JOINTS: 2 jts (61.01')
 TOTAL STRING LENGTH: EOT @ 5759'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polish rod (A)
 SUCKER RODS: 1-2', 1-6', 1-8' x 7/8" pony rods, 222-7/8" guided rod (8per) (B) 4-1 1/2" weight rods (B)
 PUMP SIZE: CDI 2 1/2" x 1 1/2" x 20' RHAC pump w/sm plunger
 STROKE LENGTH: 84"
 STROKES PER MINUTE: 5

FRAC JOB

8-21-08 5680-5694' **RU BJ & frac CP4 sds** as follows:
 50,398# 20/40 sand in 467 bbls of Lightning 17 frac fluid.
 Treated @ ave pressure of 1560 w/ ave rate of 22.9 bpm w/ 8 ppg of sand. ISIP was 1783. Actual flush: 5241 gals.

8-21-08 5524-5546' **RU BJ & frac stage #2** as follows:
 60,064# 20/40 sand in 520 bbls of Lightning 17 frac fluid.
 Treated @ ave pressure of 1717 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2018. Actual flush: 5061 gals.

8-21-08 5126-5140' **RU BJ & frac stage #3** as follows:
 49,968# 20/40 sand in 461 bbls of Lightning 17 frac fluid.
 Treated @ ave pressure of 1965 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2219. Actual flush: 4666 gals.

8-23-08 4942-4952' **Frac B2 sds** as follows:
 40,276# 20/40 sand in 395 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1868 psi w/ ave rate of 22.8 BPM. ISIP 2871 psi. Actual flush: 4444 gals.

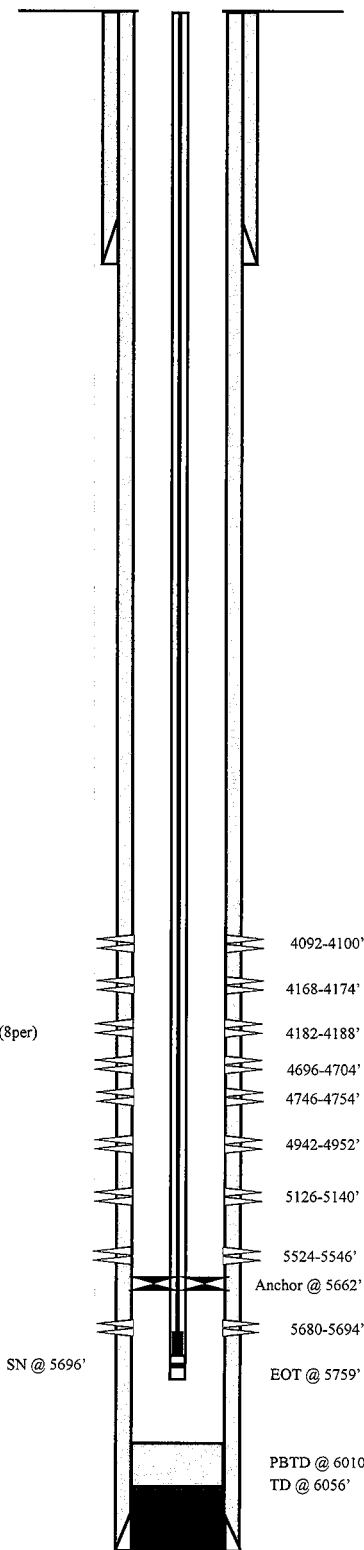
8-22-08 4696-4704' **Frac D2/D3 sds** as follows:
 35,356# 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1776 psi w/ ave rate of 23.2 BPM. ISIP 2056 psi. Actual flush: 4116 gals.

8-22-08 4168-4174' **Frac GB6 sds** as follows:
 45,428# 20/40 sand in 414 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1793 psi w/ ave rate of 23.0 BPM. ISIP 1946 psi. Actual flush: 3788 gals.

8-22-08 4092-4100' **Frac GB4 sds** as follows:
 31,005# 20/40 sand in 335 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2238 psi w/ ave rate of 23.0 BPM. ISIP 2292 psi. Actual flush: 4015 gals.

PERFORATION RECORD

Date	Interval	SPF	Holes
8-22-08	4092-4100'	4 SPF	32 holes
8-22-08	4168-4174'	4 SPF	24 holes
8-22-08	4182-4188'	4 SPF	24 holes
8-22-08	4696-4704'	4 SPF	32 holes
8-22-08	4746-4754'	4 SPF	32 holes
8-22-08	4942-4952'	4 SPF	40 holes
8-21-08	5126-5140'	4 SPF	56 holes
8-21-08	5524-5546'	4 SPF	88 holes
8-18-08	5680-5694'	4 SPF	56 holes



Beluga #Q-7-9-17
 2114' FSL & 779' FWL
 NSW Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-33924; Lease #UTU-72106

BELUGA 12-7-9-17

Spud Date: 9/16/03
 Put on Production: 9/30/04
 GL: 5380' KB: 5392'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

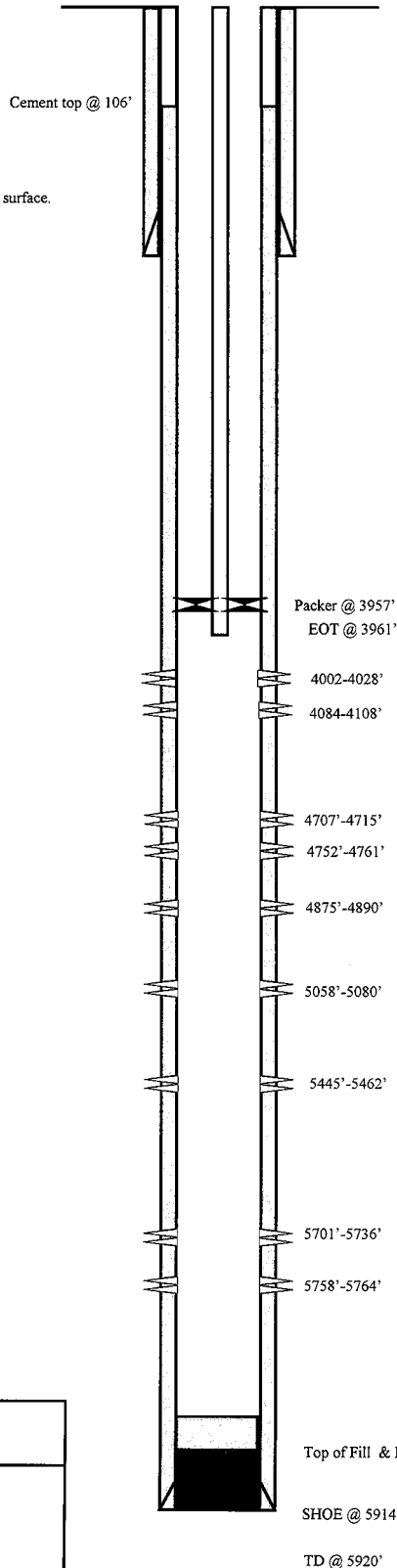
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303.31')
 DEPTH LANDED: 313.31'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G cement. Est 2 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5918.13')
 DEPTH LANDED: 5913.73' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Premlite II & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 106'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 121 jts (3940.94')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3952.94' KB
 TOTAL STRING LENGTH: EOT @ 3961.44' w/ 12' KB



FRAC JOB

09/21/04 5701'-5764' **Frac CP5 sands as follows:**
 90,866# 20/40 sand in 684 bbls Lightning 17 frac fluid. Treated @ avg press of 1580 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc. flush: 5699 gal. Actual flush: 5699 gal.

09/22/04 5058'-5080' **Frac A3 sands as follows:**
 64,605# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc. flush: 5056 gal. Actual flush: 5057 gal.

09/23/04 4707'-4761' **Frac C & D3 sands as follows:**
 66,157# 20/40 sand in 525 bbls Lightning 17 frac fluid. Treated @ avg press of 1635 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc. flush: 4705 gal. Actual flush: 4620 gal.

03/07/07 4084-4108' **Frac GB6 sands as follows:**
 48617# 20/40 sand in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 2267 psi w/avg rate of 14.5 BPM. ISIP 2100 psi. Calc. flush: 4082 gal. Actual flush: 1134 gal.

03/07/07 4002-4028' **Frac GB4 sands as follows:**
 76108# 20/40 sand in 653 bbls Lightning 17 frac fluid. Treated @ avg press of 3317 psi w/avg rate of 14.5 BPM. ISIP 2231 psi. Calc. flush: 4000 gal. Actual flush: 991 gal.

03/09/07 **Work over: Updated perms and fracs**

1/16/08 **Well converted to an Injection Well.**

1/24/08 **MIT completed and submitted.**

PERFORATION RECORD

09/16/04	5701'-5736'	2 JSPF	70 holes
09/16/04	5758'-5764'	4 JSPF	24 holes
09/21/04	5445'-5462'	4 JSPF	68 holes
09/22/04	4875'-4890'	4 JSPF	60 holes
09/22/04	5058'-5080'	4 JSPF	88 holes
09/23/04	4707'-4715'	4 JSPF	32 holes
09/23/04	4752'-4761'	4 JSPF	36 holes
03/05/07	4084-4108'	4 JSPF	96 holes
03/05/07	4002-4028'	4 JSPF	104 holes

NEWFIELD

Beluga 12-7-9-17

2137' FSL & 766' FWL

NW/SW Section 7-T9S-R17E

Duchesne Co, Utah

API #43-013-32275; Lease #UTU-64381

Spud Date: 8/28/03
 Put on Production: 7/15/04
 GL: 5445' KB: 5457'

Jonah Federal #9-12-9-16

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.03')
 DEPTH LANDED: 315.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

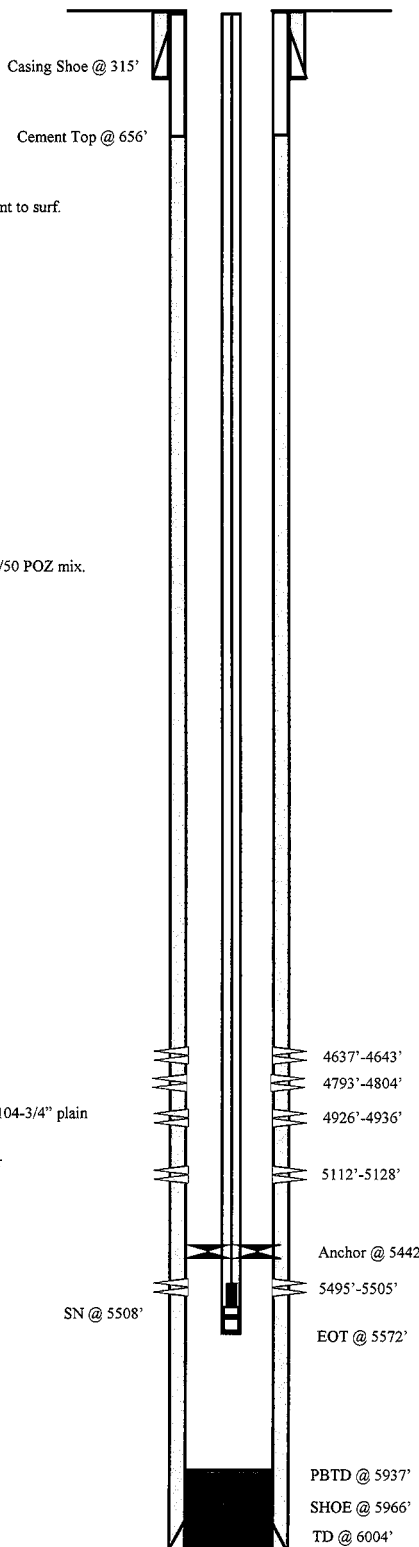
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5968.45')
 DEPTH LANDED: 5966.45' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 656'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 173 jts (5430.01')
 TUBING ANCHOR: 5442.01' KB
 NO. OF JOINTS: 2 jts (62.93')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5507.74' KB
 NO. OF JOINTS: 2 jts (62.91')
 TOTAL STRING LENGTH: EOT @ 5572.20' W/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 6-1 1/2" weight rods, 10-3/4" scraped rods; 104-3/4" plain rods, 100-3/4" scraped rods, 1-8' & 1-2' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC pump w/ SM Plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DIGL/SP/GR/CAL



FRAC JOB

7/8/04	5495'-5505'	Frac C P1 sands as follows: 24,061# 20/40 sand in 289 bbls lightning Frac 17 fluid. Treated @ avg press of 1715 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5493 gal. Actual flush: 5481 gal.
7/8/04	5112'-5128'	Frac A3 sands as follows: 55,197# 20/40 sand in 445 bbls lightning Frac 17 fluid. Treated @ avg press of 2231 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5110 gal. Actual flush: 5040 gal.
7/8/04	4926'-4936'	Frac B2 sands as follows: 66,157# 20/40 sand in 513 bbls lightning Frac 17 fluid. Treated @ avg press of 2068 psi w/avg rate of 24.8 BPM. ISIP 2700 psi. Calc flush: 4924 gal. Actual flush: 4956 gal.
7/9/04	4793'-4804'	Frac C sands as follows: 32,557# 20/40 sand in 344 bbls lightning Frac 17 fluid. Treated @ avg press of 1725 psi w/avg rate of 24.7 BPM. ISIP 1920 psi. Calc flush: 4791 gal. Actual flush: 4788 gal.
7/9/04	4637'-4643'	Frac D1 sands as follows: 19,333# 20/40 sand in 244 bbls lightning Frac 17 fluid. Treated @ avg press of 1838 psi w/avg rate of 24.8 BPM. ISIP 1920 psi. Calc flush: 4635 gal. Actual flush: 4537 gal.

PERFORATION RECORD

7/7/04	5495'-5505'	4 JSPF	40 holes
7/8/04	5112'-5128'	4 JSPF	64 holes
7/8/04	4926'-4936'	4 JSPF	40 holes
7/8/04	4793'-4804'	4 JSPF	44 holes
7/9/04	4637'-4643'	4 JSPF	24 holes

NEWFIELD

Jonah Federal #9-12-9-16
 1953' FSL & 729' FEL
 NE/SE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32430; Lease #UTU-035521

C&O Govt. #2-12-9-16

Spud Date: 6/15/1965
 Put on Production: 7/23/1965
 GL: 5515' KB: 5525'

Initial Production: 130 BOPD,
 NM MCFD, 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 271'
 DEPTH LANDED: 281'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 176 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2" / 14#
 LENGTH: 0-2500'
 CSG SIZE: 5-1/2" / 15.5#
 LENGTH: 2500'-5260'
 DEPTH LANDED: 5260'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 206 cu. ft. slurry
 CEMENT TOP AT: 4300' per CBL

TUBING

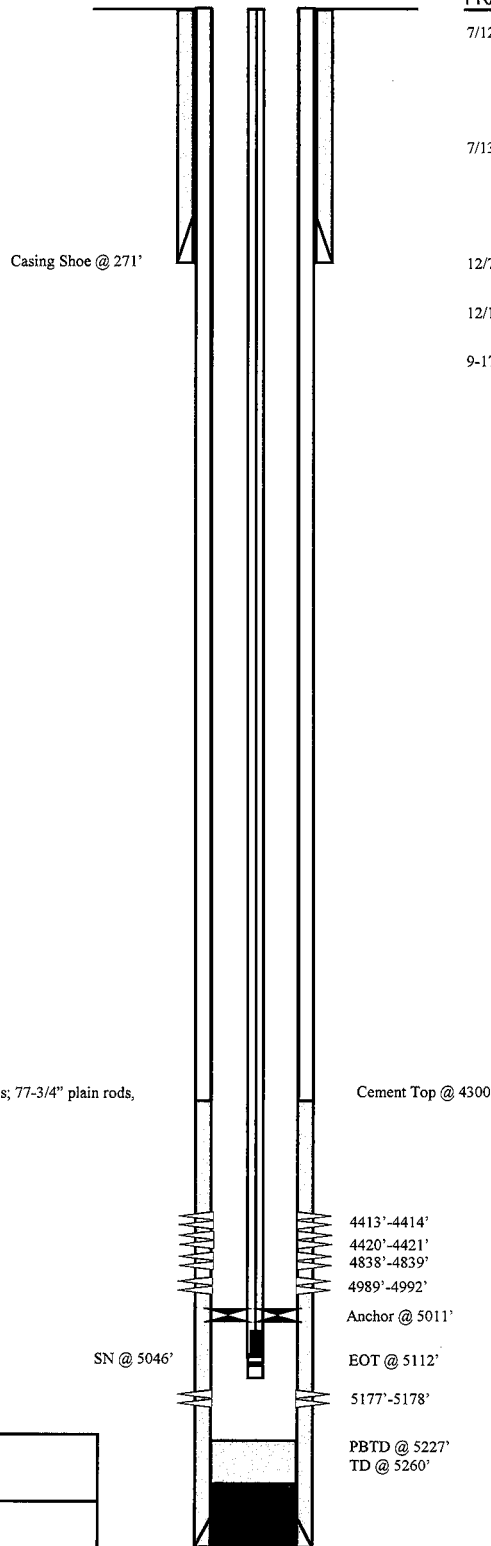
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 161 jts (5000.62')
 TUBING ANCHOR: 5010.62'
 NO. OF JOINTS: 1 jts (32.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5046.06'
 NO. OF JOINTS: 2 jts (64.32')
 TOTAL STRING LENGTH: EOT @ 5111.53'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 4-1 1/2" weight bars; 20-3/4" guided rods; 77-3/4" plain rods,
 100-3/4" guided rods, 2-4', x 3/4" pony subs.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 14 1/2" RHAC
 STROKE LENGTH: 56"
 PUMP SPEED, SPM: 4.5 SPM

FRAC JOB

7/12/65	4413'-5178'	Frac zone as follows: 50,000# 20/40 sand + 4000# 8/12 glass beads in 1238 bbls 2% KCl wtr. Treated @ avg press of 2650 psi w/avg rate of 48.5 BPM. ISIP 2000 psi.
7/13/84	4989'-4992'	Frac zone as follows: 55,000# 20/40 sand in 464 bbls 2% KCl wtr. Tubing burst when final stage screened out on perms. Approx. 34,000# sand in perms.
12/7/05		Pump change. Update rod and tubing details.
12/13/05		Pump change. Update rod and tubing details.
9-17-07		Pump change. Updated rod & tubing details.



PERFORATION RECORD

Date	Depth Range	SPF	Holes
7/11/65	5177'-5178'	4	04 holes
7/11/65	4838'-4839'	4	04 holes
7/11/65	4420'-4421'	4	04 holes
7/11/65	4413'-4414'	4	04 holes
7/13/84	4989'-4992'	4	16 holes

NEWFIELD

C&O Govt. #2

1980' FSL & 2080' FEL

NWSE Section 12-T9S-R16E

Duchesne Co, Utah

API #43-013-15112; Lease #U-035521

Federal 1-13-9-16

Spud Date: 08/08/05
 Put on Production: 11/03/05
 GL: 5459' KB: 5471'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.91')
 DEPTH LANDED: 313.76' 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: 133 jts. (5798.07')
 DEPTH LANDED: 5811.32' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP: 590'

TUBING

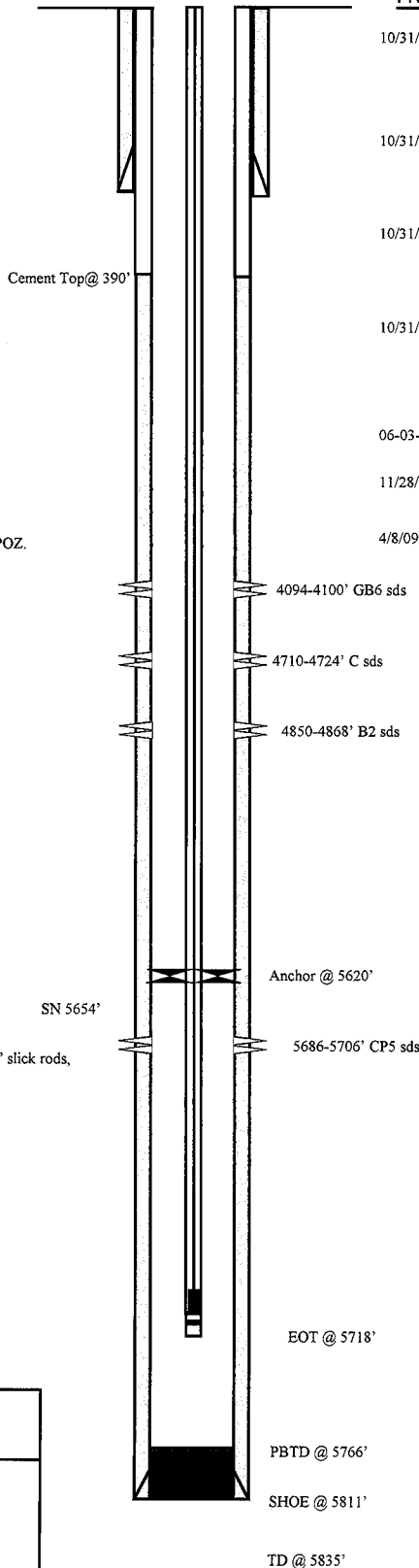
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5609.88')
 TUBING ANCHOR: 5619.88' KB
 NO. OF JOINTS: 1 jts (31.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5654.10' KB
 NO. OF JOINTS: 2 jts (62.55')
 TOTAL STRING LENGTH: EOT @ 5718.20' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4" x 3/4" pony rod, 100-3/4" guided rods, 90-3/4" slick rods, 30-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 18' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/31/05	5686-5706'	Frac CP5 sands as follows: 89079# 20/40 sand in 688 bbls Lightning 17 frac fluid. Treated @ avg press of 1303 psi w/avg rate of 24.8 BPM. ISIP 1900 psi. Calc flush: 5684 gal. Actual flush: 5431 gal.
10/31/05	4850-4868'	Frac B2 sands as follows: 69180# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1759 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 4848 gal. Actual flush: 4633 gal.
10/31/05	4710-4724'	Frac C sands as follows: 98861# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4708 gal. Actual flush: 4507 gal.
10/31/05	4094-4100'	Frac GB6 sands as follows: 33229# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4092 gal. Actual flush: 3935 gal.
06-03-06		Pump Change: Tubing & Rod Detail Updated
11/28/07		Pump Change: Updated tubing & rod detail
4/8/09		Parted rods. Updated r & t details.



PERFORATION RECORD

10/24/05	5686-5706'	4 JSPF	80 holes
10/31/05	4850-4868'	4 JSPF	72 holes
10/31/05	4710-4724'	4 JSPF	56 holes
10/31/05	4094-4100'	4 JSPF	24 holes

NEWFIELD

Federal 1-13-9-16

487' FNL & 612' FEL

NE/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32660; Lease #UTU-75039

Balcron Monument Fed 42-12J-9-16

Put on Injection: 10/10/2000
 GL: 5474.4' KB: 5484' (10' KB)

Injection Wellbore Diagram

SURFACE CASING

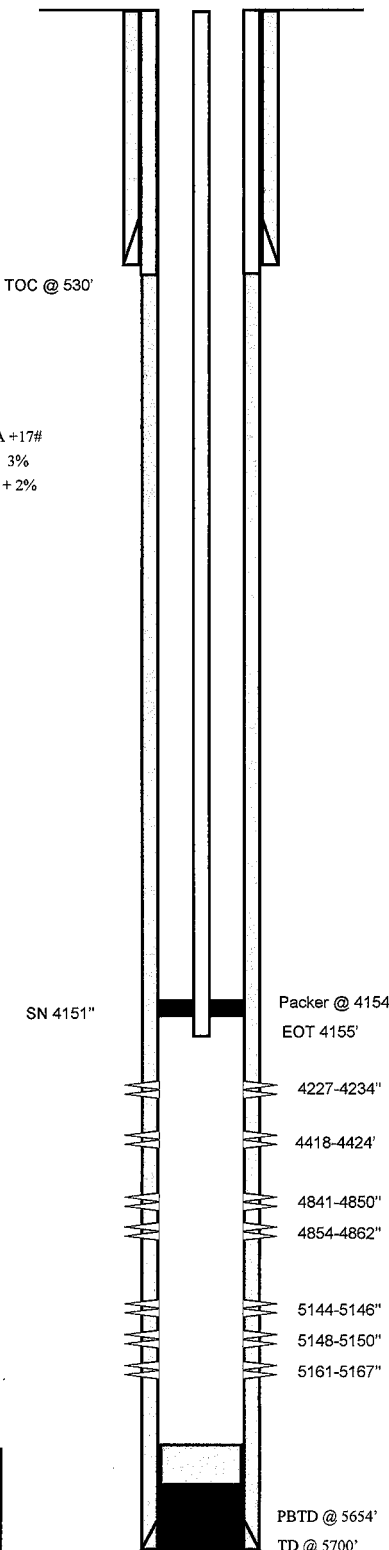
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts (264.2')
 DEPTH LANDED: 274.2' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" +
 (2% CCI + 1/4 Celeflake) per sx.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts (5690.02')
 DEPTH LANDED: 5700' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 376 sxs Super "G" w/ (47# "G" + 20# Poz-A + 17#
 CSE + 2# Hi-Seal 2 + 1/4 # Cello-Seal) / sk + 3%
 salt + 2% gel, Tailed by 297 sxs 50/50 POZ + 2%
 gel + (1/4 # Cello-Seal + 2# Hi-Seal 2) / sk
 CEMENT TOP AT: 530' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 132 Jts
 SEATING NIPPLE: 2-7/8"x1.10"
 SEATING NIPPLE: 4151' KB
 PACKER SET AT: 4154.2' KB
 TOTAL LENGTH: EOT @ 4155' KB



FRAC JOB

6/28/95 5144-5167' Frac zone as follows:
 2000 gal 2% gel pad followed by 11,902 gal
 2% KCl wtr w/ 16,700# 20/40 & 20,000#
 16/30 sand. Flush w/ 5,082 gal 2% KCl wtr.
 ATP-2200 #, Max-2510 #, ATR-29.8 bpm,
 Max-30.1 bpm. ISIP-2100 #, 5min- 1910,
 10min-1690, 15min-1530, 30min-1130

6/31/95 4841-4862' Frac zone as follows:
 3000 gal 2% gel pad followed by 15,396 gal
 2% KCl wtr w/ 55,700# 16/30 sand. Flush w/
 4746 gal 2% KCl wtr. ATP-2084 psi, Max-
 2800 psi, ATR-30.5 bpm, Max-30.8 bpm,
 ISIP-2400 psi, 5min-1850

**7/15/95 4227-4234'
 4418-4424'** Frac zone as follows:
 3000 gal 2% gel pad followed by 12,582 gal
 2% KCl wtr w/ 45,120# 16/30 sand. Flush w/
 4116 gal 2% KCl wtr. ATP-4000 psi, Max-
 4910 psi, ATR-28 bpm, Max-31.3 bpm. ISIP-
 2300 psi, 5min-1820, 10min-1600, 15min-
 1520 psi, 30min-1420 psi.

10/14/05 5 Year MIT 5 Year MIT Complete
10/10/00 Convert to Injection Well

PERFORATION RECORD

Date	Interval	SPF	Holes
7/3/95	4227-4234'	4 SPF	7 holes
7/3/95	4418-4424'	4 SPF	6 holes
6/30/95	4841-4850'	4 SPF	36 holes
6/30/95	4854-4862'	4 SPF	32 holes
6/27/95	5144-5146'	4 SPF	4 holes
6/27/95	5148-5150'	4 SPF	4 holes
6/27/95	5161-5167'	4 SPF	32 holes

NEWFIELD

Balcron Monument Federal 42-12J-9-16
 2550' FNL & 391' FEL SE/SE
 Section 12, T9S, R16E
 Duchesne Co, Utah
 API #43-013-31486; Lease #U-035521

Jonah #S-12-9-16

Spud Date: 10/15/08
 Put on Prduction: 11/21/08
 GL: 5426' KB: 5438'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 7 jts (316.09')
 DEPTH LANDED: 326.09'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

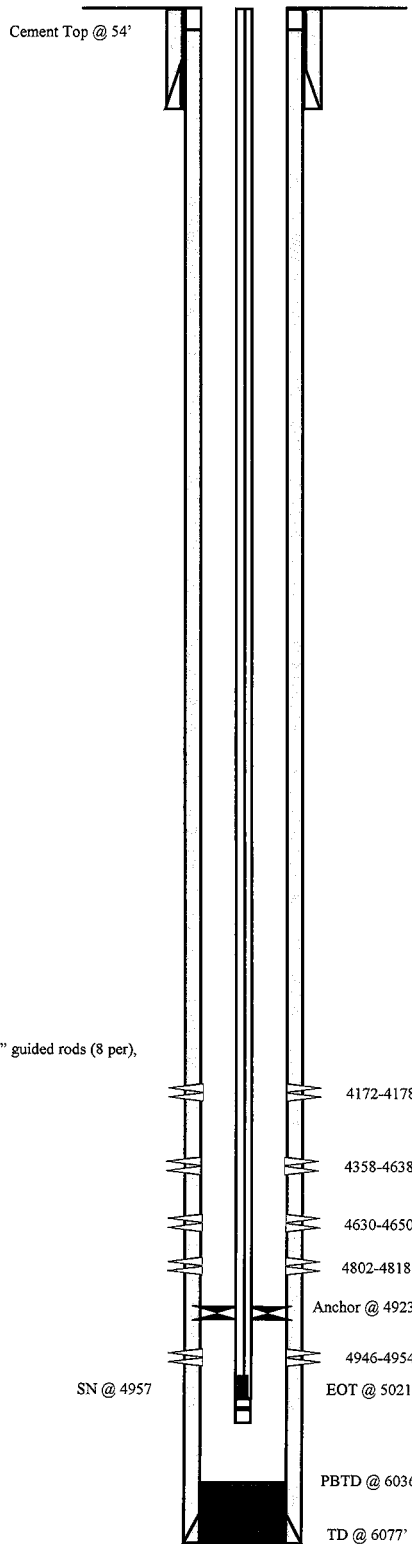
CSG SIZE: "
 GRADE:
 WEIGHT: #
 LENGTH: jts (')
 DEPTH LANDED: '
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx premlite and 475 sx 50/50 poz
 CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 6.5#, J-55
 NO. OF JOINTS: 159 jts (4911.15')
 TUBING ANCHOR: 4923.15'
 NO. OF JOINTS: 1jts (31.00')
 SN LANDED AT: 4956.95'
 NO. OF JOINTS: 2 jts (62.27')
 TOTAL STRING LENGTH: EOT @ 5020.72'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1-8, 1-6', 1-4', 2-2 x 7/8" ponys, 193-7/8" guided rods (8 per),
 4-1 1/2" wt bars, 21,000# shear coupling
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC 'CDI'
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5



FRAC JOB

11/17/08 4946-4954' Frac B2 sds as follows:
 34,213# 20/40 sand in 375 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2150 psi @ ave rate of 23.2 BPM. ISIP 2275 psi. Actual flush: 4439 gals.

11/17/08 4802-4818' Frac C sds as follows:
 55,806# 20/40 sand in 485 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2218 psi w/ ave rate of 18.7 BPM. ISIP 2534 psi. Actual flush: 4297 gals.

11/17/08 4630-4650' Frac D1 sds as follows:
 51,261# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2082 psi w/ ave rate of 18.7 BPM. ISIP 2237 psi. Actual flush: 4124 gals.

11/18/08 4358-4638' Frac PB10 sds as follows:
 40,513# 20/40 sand in bbls of Lightning 17 fluid. Treated w/ ave pressure of 2099 psi @ ave rate of 23.2 BPM. ISIP 2322 psi. Actual flush: 3851 gals.

11/18/08 4172-4178' Frac GB6 sds as follows:
 30,097# 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2167 psi w/ ave rate of 23.3 BPM. ISIP 2028 psi. Actual flush: 4116 gals.

PERFORATION RECORD

11/17/08	4946-4954'	32 holes
11/17/08	4802-4818'	64 holes
11/17/08	4630-4650'	80 holes
11/18/08	4358-4638'	40 holes
11/18/08	4172-4178'	24 holes



Jonah #S-12-9-16
 880' FSL & 842' FEL
 SESE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-34010; Lease #UTU-035521

Balcron Monument Federal 24-12J-9-16

Spud Date: 11/8/93
 Put on Production: 12/30/93
 GL: 5495' KB: 5505'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6jts. (271.28')
 DEPTH LANDED: 279'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 129 jts. (5676.22')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 5685.22'
 CEMENT DATA: 204 sxs Prem. Lite II mixed & 215 sxs 50/50 POZ.
 CEMENT TOP AT: 279'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5361')
 TUBING ANCHOR: 5371.7'
 NO. OF JOINTS: 1 jts (64.2')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5438.7' KB
 NO. OF JOINTS: 2 jts (5439.8')
 TOTAL STRING LENGTH: EOT @ 5503'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: 77-3/4" guided rods (4 per), 114-3/4" sucker rods, 20-3/4" guided rods (4 per), 6- 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 16' RHAC
 STROKE LENGTH: 76
 PUMP SPEED: 4.5 SPM

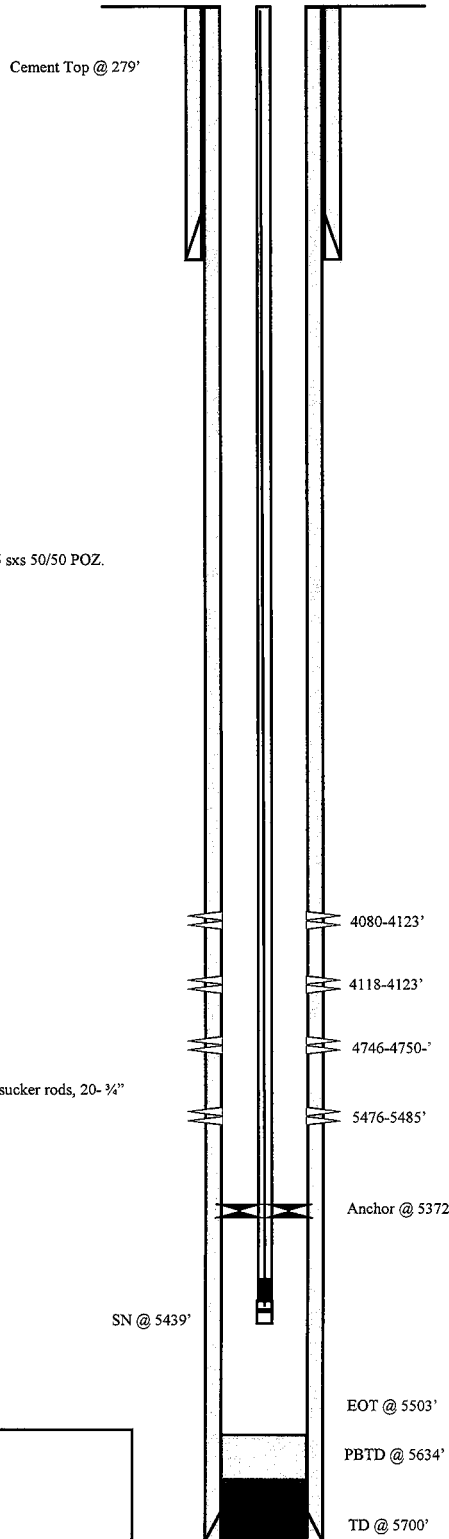
FRAC JOB

12/22/93 4080'-4123' Frac Frac sands as follows:
 with 33085 # 16-30 sand in
 500 bbls of YF155 2% KCl water.

12/17/93 4746'-4750' Frac Frac sands as follows:
 with 13978# 16-30 sand in 247 bbls of
 YF155 2% KCl water. Screened out
 during flush. ATR 15 BPM @ 2500 psi,
 max 3350 psi. I SI P 2450 psi, 10 min -
 1488 psi, 15 min - 1484 psi.

12/14/93 Frac sands as follows:
 Screened out - no details available.

12/7/09 Parted rods. Updated rod and tubing
 details.



PERFORATION RECORD

4080'-4086'	2 JSPF	12 holes
4118'-4123'	2 JSPF	10 holes
4746'-4750'	2 JSPF	8 holes
5476'-5485'	2 JSPF	18 holes

NEWFIELD

Balcron Monument Federal 24-12J-9-16
 539' FSL & 1777' FWL
 SE/SW Section 12-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-31409; Lease # U-035521-A



Multi-Chem Group, LLC

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

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **16-12-9-16**
Sample Point: **Tank**
Sample Date: **2/16/2010**
Sales Rep: **Randy Huber**
Lab Tech: **John Keel**

Sample ID: **WA-37092**

Sample Specifics	
Test Date:	2/19/2010
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0050
pH:	7.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	10741
Molar Conductivity (µS/cm):	16274
Resitivity (Mohm):	0.6145

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	40.00	Chloride (Cl):	5000.00
Magnesium (Mg):	-	Sulfate (SO₄):	-
Barium (Ba):	5.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1830.00
Sodium (Na):	3864.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.56	Phosphate (PO₄):	-
Manganese (Mn):	0.03	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄·2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100	0	2.81	7.00	0.00	-2406.90	0.00	-2535.80	-	-	0.00	-8.67	1.51
80	0	2.11	4.68	0.00	-19.53	0.00	-2694.40	-	-	0.00	-6.57	0.71
100	0	2.81	7.00	0.00	-15.37	0.00	-2535.90	-	-	0.00	-8.67	0.88
120	0	3.49	9.07	0.00	-12.12	0.00	-2301.80	-	-	0.00	-11.16	0.99
140	0	4.17	11.10	0.00	-9.54	0.00	-2025.60	-	-	0.00	-14.05	1.11
160	0	4.80	13.03	0.00	-7.49	0.00	-1735.80	-	-	0.00	-17.38	1.25
180	0	5.35	14.78	0.00	-5.90	0.00	-1454.00	-	-	0.00	-21.19	1.37
200	0	5.79	16.23	0.00	-4.71	0.00	-1194.20	-	-	0.00	-25.51	1.39
220	2.51	6.07	17.37	0.00	-3.87	0.00	-974.78	-	-	0.00	-30.79	1.40
240	10.3	6.27	17.97	0.00	-3.23	0.00	-776.17	-	-	0.00	-36.43	1.43
260	20.76	6.35	18.12	0.00	-2.78	0.00	-609.62	-	-	0.00	-42.80	1.45
280	34.54	6.33	17.87	0.00	-2.47	0.00	-472.81	-	-	0.00	-49.97	1.48
300	52.34	6.21	17.31	0.00	-2.28	0.00	-362.33	-	-	0.00	-58.06	1.51

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

Notes:



Multi-Chem Group, LLC

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1553 East Highway 40

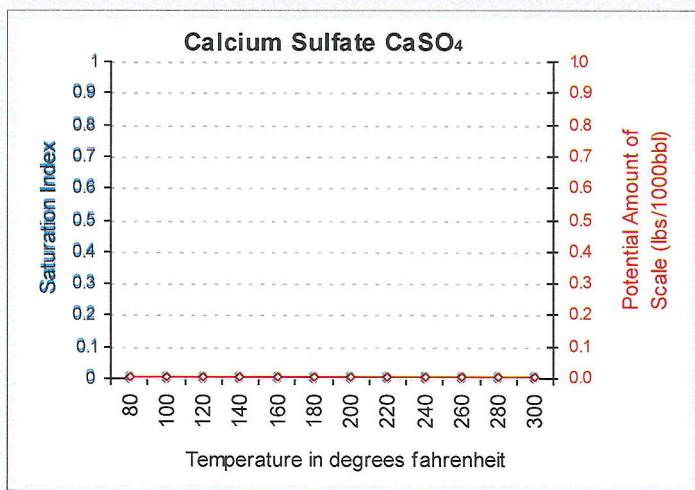
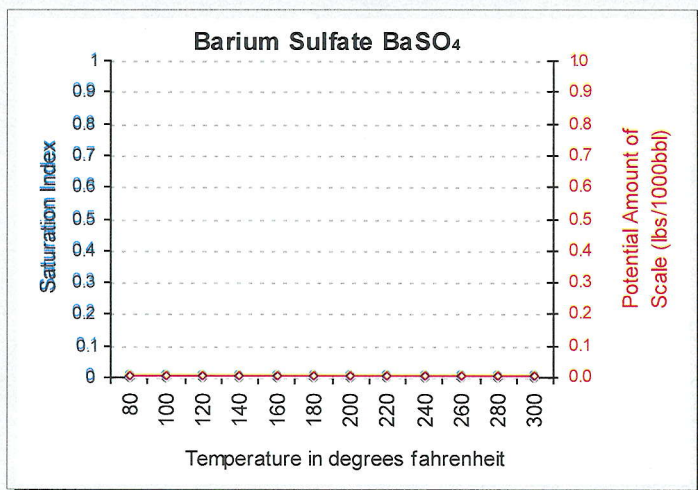
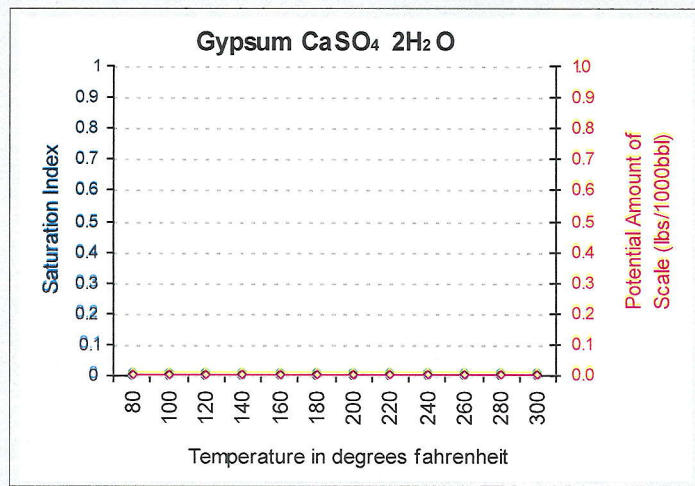
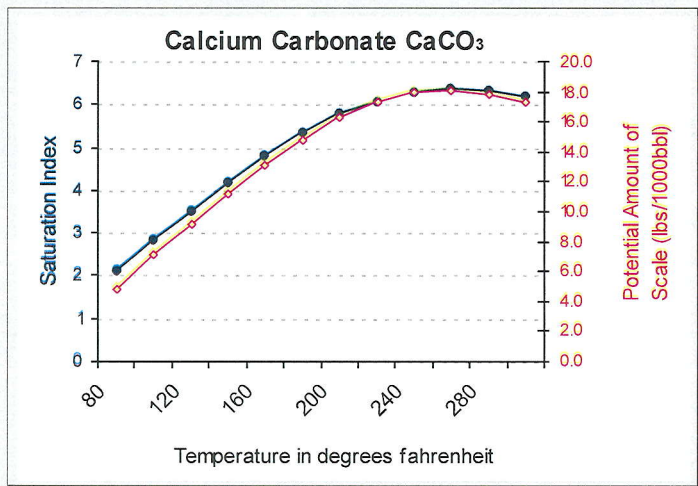
Vernal, UT 84078

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Scale Prediction Graphs

Well Name: 16-12-9-16

Sample ID: WA-37092





Multi-Chem Group, LLC

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

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Water Analysis Report

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 ID: **WA-35267**

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 (SO ₄):	419.00
Barium (Ba):	1.00	Dissolved CO ₂ :	-
Strontium (Sr):	-	Bicarbonate (HCO ₃):	1195.00
Sodium (Na):	3720.00	Carbonate (CO ₃):	-
Potassium (K):	-	H ₂ S:	4.50
Iron (Fe):	1.85	Phosphate (PO ₄):	-
Manganese (Mn):	0.50	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										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. 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

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

Notes:



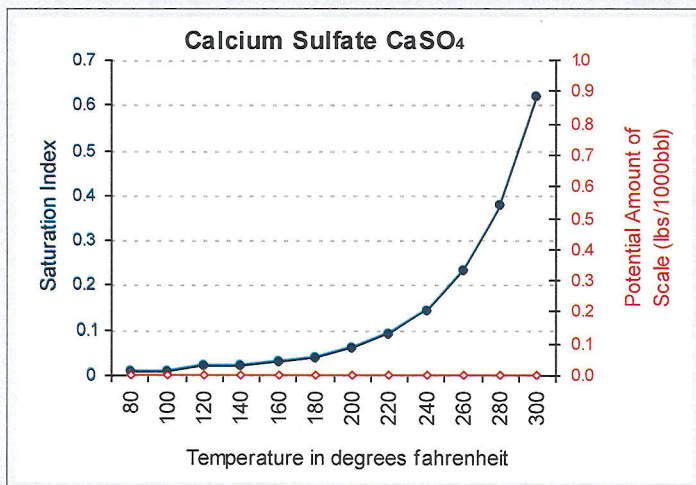
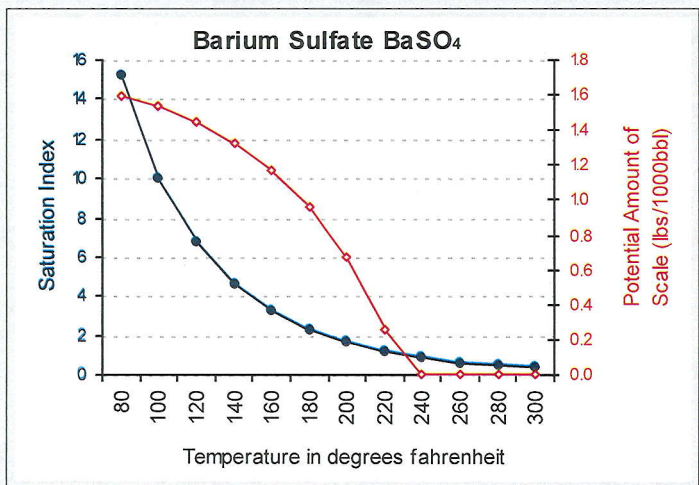
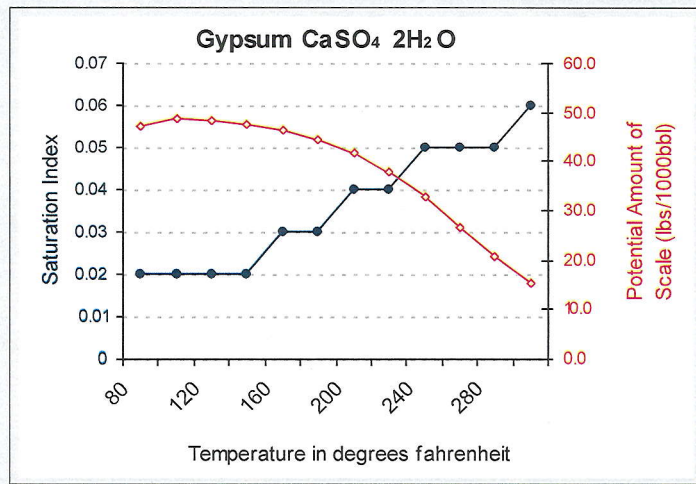
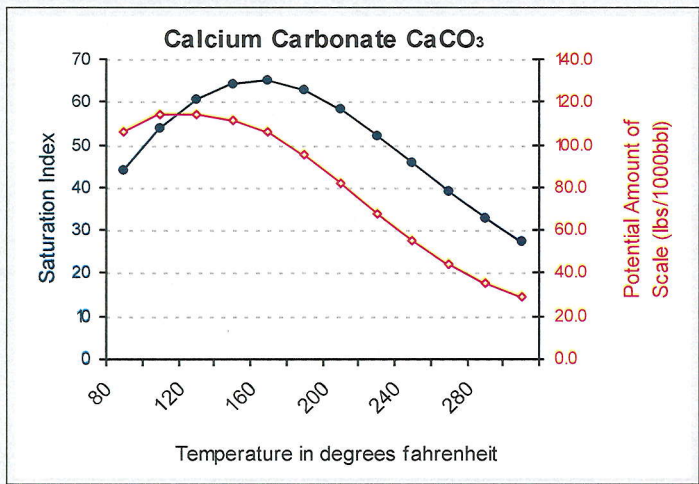
Multi-Chem Group, LLC

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

Scale Prediction Graphs

Well Name: **Beluga Injection**

Sample ID: **WA-35267**



Attachment "G"

Jonah 6-14-9-16

Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5595	5708	5652	1800	0.75	1764 ←
5059	5068	5064	2050	0.84	2017
4859	4869	4864	2570	0.96	2538
4713	4732	4723	2220	0.90	2189
4563	4639	4601	2075	0.89	2045
4078	4105	4092	1950	0.91	1924
				Minimum	<u><u>1764</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 Report Date: July 14, 2004 Completion Day: 01
Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBTD: 5712' WL
Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP4 sds	<u>5595-5600'</u>	<u>4/20</u>			
CP4 sds	<u>5613-5620'</u>	<u>4/28</u>			
CP5 sds	<u>5696-5708'</u>	<u>4/48</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 13, 2004 SITP: _____ SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU HO trk & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Patterson WLT & run CBL under pressure. WL TD @ 5712' & cmt top @ 432'. Perf stage #1 W/ 4" ported guns as follows: CP5 sds @ 5696-5708' and CP4 sds @ 5595-5600' & 5613-20'. All 4 JSPF in 1 run. SIFN W/ est 137 BWTR.

Starting fluid load to be recovered: 137 Starting oil rec to date: 0
Fluid lost/recovered today: 0 Oil lost/recovered today: _____
Ending fluid to be recovered: 137 Cum oil recovered: 0
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
IPC NU crew	\$300
IPC trucking	\$1,300
Patterson-CBL/CP1	\$4,997
Drilling cost	\$209,709
Zubiate HO trk	\$400
Location preparation	\$300
IPC wellhead	\$1,500
Benco - anchors	\$950
Admin. Overhead	\$3,000
Tiger trucking	\$1,000
IPC 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: \$223,886
TOTAL WELL COST: \$223,886



Attachment G-1
2 of 11

DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 16, 2004 **Completion Day:** 02
Present Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2 **Wt:** 15.5# @ 5775' **Csg PBTD:** 5712' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5270'
KB @ 12'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5164-5170'	4/24
			CP4 sds	5595-5600'	4/20
			CP4 sds	5613-5620'	4/28
			CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 15, 2004 **SITP:** _____ **SICP:** 0

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 w/ 60,657#'s of 20/40 sand in 489 bbls Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3007 psi, back to 1250 psi. Treated @ ave pressure of 1500, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 1800. 626 bbls EWTR. Leave pressure on well. RU Patterson WLT, mast & lubricator. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 6' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5164-5170' w/ 4" Port guns(19 gram, .41"HE), w/ 4 spf for total of 24 shots. RU BJ & perfs won't break down. Displaced 5.5 bbls in 15 minutes working @ 4200 psi. Leave pressure on well. SIFN.

Starting fluid load to be recovered: 137 **Starting oil rec to date:** 0
Fluid lost/recovered today: 489 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 626 **Cum oil recovered:** 0
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: CP4 & CP5 sds down casing

COSTS

Weatherford BOP	\$260
Weatherford Services	\$2,850
Betts frac water	\$570
Zubiate Hot Oil	\$90
R&R propane	\$60
IPC fuel gas	\$130
BJ Services CP4&5 sd	\$20,150
Patterson WLT	\$2,000

4620 gals of pad
3000 gals w/ 1-5 ppg of 20/40 sand
6000 gals w/ 5-8 ppg of 20/40 sand
1328 gals w/ 8 ppg of 20/40 sand
Flush w/ 5590 gals of slick water

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

Max TP: 2060 **Max Rate:** 24.7 **Total fluid pmpd:** 489 bbls
Avg TP: 1500 **Avg Rate:** 24.7 **Total Prop pmpd:** 60,657#'s
ISIP: 1800 **5 min:** _____ **10 min:** _____ **FG:** .75

Completion Supervisor: Ron Shuck

DAILY COST: \$26,110
TOTAL WELL COST: \$249,996



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DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 17, 2004 **Completion Day:** 03
Present Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2 **Wt:** 15.5# @ 5775' **Csg PBTD:** 5712' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5270'
KB @ 12'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			LODC sds	5164-5170'	4/24
			CP4 sds	5595-5600'	4/20
			CP4 sds	5613-5620'	4/28
			CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 16, 2004 **SITP:** **SICP:** 800

RU BJ & frac LODC sds, stage #2 w/ 24,253#'s of 20/40 sand in 259 bbls Lightning 17 frac fluid. Open well w/ 800 psi on casing. Perfs broke down @ 4155 psi, back to 1950 psi. Treated @ ave pressure of 2680, w/ ave rate of 24.6 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. Screened out frac w/ 5257#'s in casing, 19,000#'s sand in perfs, 20 bbls left in flush, 7# sand on perfs, w/ 840' of slurry in casing. 885 bbls EWTR. Try to flow well back, rec'd 5 bbls fluid & died. RD BJ & WLT. SIFN.

Starting fluid load to be recovered: 885 **Starting oil rec to date:** 0
Fluid lost/recovered today: 5 **Oil lost/recovered today:**
Ending fluid to be recovered: 880 **Cum oil recovered:** 0
IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

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

COSTS

Weatherford BOP	\$130
Weatherford Services	\$650
Betts frac water	\$250
Zubiate Hot Oil	\$40
R&R propane	\$30
IPC fuel gas	\$60
BJ Services LODC sd	\$8,000

2730 gals of pad
1569 gals w/ 1-5 ppg of 20/40 sand
4326 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 4326 gals of slick water

Max TP: 4155 **Max Rate:** 24.6 **Total fluid pmpd:** 259 bbls
Avg TP: 2680 **Avg Rate:** 24.6 **Total Prop pmpd:** 24,253#'s
ISIP: 4200 **5 min:** **10 min:** **FG:** NA
Completion Supervisor: Ron Shuck

DAILY COST: \$9,160
TOTAL WELL COST: \$259,156



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DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 18, 2004 **Completion Day:** 04
Present Operation: Completion **Rig:** Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBTD: 5712' WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: KB @ 12' BP/Sand PBTD: 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5164-5170'	4/24
			CP4 sds	5595-5600'	4/20
			CP4 sds	5613-5620'	4/28
			CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 17, 2004 **SITP:** **SICP:** 1275

MIRUSU. Open well w/ 1275 psi, rec'd 5 bbls fluid. PU, tally & TIH w/ Husteel brand 2-7/8", J-55, 6.5#, 8rd, new tbg w/ NC. Tag sand @ 5011'. RU pump & tank. Circulate well to 5151'. TOOH w/ 160 jts tbg & NC. SIFN.

Starting fluid load to be recovered: 880 **Starting oil rec to date:** 0
Fluid lost/recovered today: 5 **Oil lost/recovered today:**
Ending fluid to be recovered: 875 **Cum oil recovered:** 0
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:

gals of pad

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

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

Flush w/ gals of slick water

COSTS

Western Rig	\$2,620
Weatherford BOP	\$130
RNI water	\$500
Zubiate trucking	\$1,200
Aztec tbg	\$29,700
IPC Supervision	\$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: \$34,450
TOTAL WELL COST: \$293,610



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DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 20, 2004 **Completion Day:** 05a
Present Operation: Completion **Rig:** Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2 **Wt:** 15.5# @ 5775' **Csg PBDT:** 5712' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** KB @ 12' **BP/Sand PBDT:** 5114'
Plugs 5270'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			<u>A3 sds</u>	<u>5059-5068'</u>	<u>4/36</u>
			<u>LODC sds</u>	<u>5164-5170'</u>	<u>4/24</u>
			<u>CP4 sds</u>	<u>5595-5600'</u>	<u>4/20</u>
			<u>CP4 sds</u>	<u>5613-5620'</u>	<u>4/28</u>
			<u>CP5 sds</u>	<u>5696-5708'</u>	<u>4/48</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 19, 2004 **SITP:** _____ **SICP:** 240

Day5a.

RU Patterson WLT. RIH w/ composite plug & 9' perf gun. Set plug @ 5114'. Perforate A3 sds @ 5059-5068' w/ 4" Port guns, 4 spf fot total of 36 shots. RU BJ Services "Ram Head" frac head. RU BJ & frac A3 sds, stage #3 w/ 49,173#'s of 20/40 sand in 419 bbls Lightning 17 frac fluid. Open well w/ 240 psi on casing. Perfs broke down @ 3250 psi, back to 1166 psi. Treated @ ave pressure of 1790, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 2050. 1294 bbls EWTR. Leave pressure on well.

See day5b.

Starting fluid load to be recovered: 875 **Starting oil rec to date:** 0
Fluid lost/recovered today: 419 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1294 **Cum oil recovered:** 0
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 sds down casing

COSTS

<u>Western Rig</u>	<u>\$700</u>
<u>Weatherford BOP</u>	<u>\$40</u>
<u>Weatherford Services</u>	<u>\$2,400</u>
<u>Betts frac water</u>	<u>\$450</u>
<u>Zubiate Hot Oil</u>	<u>\$100</u>
<u>R&R propane</u>	<u>\$60</u>
<u>IPC fuel gas</u>	<u>\$120</u>
<u>BJ Services A3 sds</u>	<u>\$11,180</u>
<u>Patterson WLT A3 sds</u>	<u>\$1,800</u>
<u>IPC Supervision</u>	<u>\$80</u>

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

Max TP: 3200 **Max Rate:** 24.7 **Total fluid pmpd:** 419 bbls
Avg TP: 1790 **Avg Rate:** 24.7 **Total Prop pmpd:** 49,173#'s
ISIP: 2050 **5 min:** _____ **10 min:** _____ **FG:** .84

Completion Supervisor: Ron Shuck

DAILY COST: \$16,930
TOTAL WELL COST: \$310,540



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DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 Report Date: July 20, 2004 Completion Day: 05b
 Present Operation: Completion Rig: Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBTD: 5712' WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: KB @ 12' BP/Sand PBTD: 4950'
 Plugs 5270' 5114'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B2 sds	4859-4869'	4/40
			A3 sds	5059-5068'	4/36
			LODC sds	5164-5170'	4/24
			CP4 sds	5595-5600'	4/20
			CP4 sds	5613-5620'	4/28
			CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 19, 2004 SITP: _____ SICP: 1600

Day5b.

RU Patterson WLT. RIH w/ composite plug & 10' perf gun. Set plug @ 4950'. Perforate B2 sds @ 4859-4869' w/ 4" Port guns, 4 spf fot total of 40 shots. RU BJ & frac stage #4 w/ 59,382#'s of 20/40 sand in 469 bbls Lightning 17 frac fluid. Open well w/ 1600 psi on casing. Perfs won't break down. RU dump bailer & spot 8 gals 15% HCL on perfs. Perfs broke down @ 4200 psi, back to 1547 psi. Treated @ ave pressure of 2122, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 2570. 1763 bbls EWTR. Leave pressure on well.

See day5c.

Starting fluid load to be recovered: 1294 Starting oil rec to date: 0
 Fluid lost/recovered today: 469 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1763 Cum oil recovered: 0
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand Frac

Company: BJ Services

Procedure or Equipment detail: B2 sds down casing

4620 gals of pad
3000 gals w/ 1-5 ppg of 20/40 sand
6000 gals w/ 5-8 ppg of 20/40 sand
1223 gal w/ 8 ppg of 20/40 sand
Flush w/ 4855 gals of slick water

COSTS

Western Rig	\$650
Weatherford BOP	\$40
Weatherford Services	\$2,400
Betts frac water	\$570
Zubiate Hot Oil	\$130
R&R propane	\$80
IPC fuel gas	\$150
BJ Services B2 sds	\$12,650
Patterson WLT B2 sds	\$2,300
IPC Supervision	\$80

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

Max TP: 4200 Max Rate: 24.8 Total fluid pmpd: 469 bbls
 Avg TP: 2122 Avg Rate: 24.7 Total Prop pmpd: 59,382#'s
 ISIP: 2570 5 min: _____ 10 min: _____ FG: .96

Completion Supervisor: Ron Shuck

DAILY COST: \$19,050
 TOTAL WELL COST: \$329,590



DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 Report Date: July 20, 2004 Completion Day: 05c
 Present Operation: Completion Rig: Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBTD: 5712' WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: KB @ 12' BP/Sand PBTD: 4800'
 Plugs 5270' 5114' 4950'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B2 sds	4859-4869'	4/40
			A3 sds	5059-5068'	4/36
			LODC sds	5164-5170'	4/24
			CP4 sds	5595-5600'	4/20
			CP4 sds	5613-5620'	4/28
C sds	4713-4732'	4/76	CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 19, 2004 SITP: _____ SICP: 1600

Day5c.

RU Patterson WLT (had to re-head rope socket). RIH w/ composite plug & 10' perf gun. Set plug @ 4800'. Perforate C sds @ 4713-4732' w/ 4" Port guns, 4 spf fot total of 76 shots. RU BJ & frac stage #5 w/ 60,016#'s of 20/40 sand in 458 bbls Lightning 17 frac fluid. Open well w/ 1550 psi on casing. Perfs broke down @ 2810 psi, back to 2280 psi. Treated @ ave pressure of 1894, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 2220. 2221 bbls EWTR. Leave pressure on well.

See day5d.

Starting fluid load to be recovered: 1763 Starting oil rec to date: 0
 Fluid lost/recovered today: 458 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2221 Cum oil recovered: 0
 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 sds down casing

COSTS

Western Rig	\$700
Weatherford BOP	\$40
Weatherford Services	\$2,400
Betts frac water	\$570
Zubiate Hot Oil	\$140
R&R propane	\$80
IPC fuel gas	\$160
BJ Services C sds	\$19,980
Patterson WLT C sds	\$2,700
IPC Supervision	\$80

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

Max TP: 2499 Max Rate: 24.7 Total fluid pmpd: 458 bbls
 Avg TP: 1894 Avg Rate: 24.7 Total Prop pmpd: 60,016#'s
 ISIP: 2200 5 min: _____ 10 min: _____ FG: .90

Completion Supervisor: Ron Shuck

DAILY COST: \$26,850
 TOTAL WELL COST: \$356,440



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DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 20, 2004 **Completion Day:** 05d
Present Operation: Completion **Rig:** Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2 **Wt:** 15.5# @ 5775' **Csg PBTD:** 5712' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** KB @ 12' **BP/Sand PBTD:** 4200'
Plugs 5270' 5114' 4950' 4800' 4670'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4078-4096'</u>	<u>4/72</u>	B2 sds	<u>4859-4869'</u>	<u>4/40</u>
GB6 sds	<u>4099-4105'</u>	<u>4/24</u>	A3 sds	<u>5059-5068'</u>	<u>4/36</u>
D1 sds	<u>4563-4573'</u>	<u>4/40</u>	LODC sds	<u>5164-5170'</u>	<u>4/24</u>
D2 sds	<u>4612-4617'</u>	<u>4/20</u>	CP4 sds	<u>5595-5600'</u>	<u>4/20</u>
D2 sds	<u>4635-4639'</u>	<u>4/16</u>	CP4 sds	<u>5613-5620'</u>	<u>4/28</u>
C sds	<u>4713-4732'</u>	<u>4/76</u>	CP5 sds	<u>5696-5708'</u>	<u>4/48</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 19, 2004 **SITP:** _____ **SICP:** 1530

Day5d.

RU Patterson WLT. RIH w/ composite plug & 4' perf gun. Set plug @ 4670". Perforate D2 sds @ 4635-4639', 4612-4617' & D1 sds @ 4563-4573' w/ 4" Port guns, 4 spf fot total of 76 shots. RU BJ & frac stage #6 w/ 89,343#'s of 20/40 sand in 651 bbls Lightning 17 frac fluid. Open well w/ 1530 psi on casing. Perfs broke down @ 3254 psi, back to 2850 psi. Treated @ ave pressure of 1813, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 2075. 2872 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ composite plug & 6' perf gun. Set plug @ 4200'. Perforate GB6 sds @ 4099-4105' & 4078-4096' w/ 4 spf for total of 96 shots. SIFN.

Starting fluid load to be recovered: 2221 **Starting oil rec to date:** 0
Fluid lost/recovered today: 651 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2872 **Cum oil recovered:** 0
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: D sds down casing

- 6804 gals of pad
- 4625 gals w/ 1-5 ppg of 20/40 sand
- 9250 gals w/ 5-8 ppg of 20/40 sand
- 2102 gal w/ 8 ppg of 20/40 sand
- Flush w/ 4561 gals of slick water

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

Max TP: 4100 **Max Rate:** 24.7 **Total fluid pmpd:** 651 bbls
Avg TP: 1813 **Avg Rate:** 24.7 **Total Prop pmpd:** 89,343#'s
ISIP: 2075 **5 min:** _____ **10 min:** _____ **FG:** .88
Completion Supervisor: Ron Shuck

COSTS

Western Rig	\$700
Weatherford BOP	\$40
Weatherford Services	\$2,400
Betts frac water	\$860
Zubiate Hot Oil	\$200
R&R propane	\$120
IPC fuel gas	\$230
BJ Services D sds	\$17,620
Patterson WLT D sds	\$2,700
IPC Supervision	\$80

DAILY COST: \$24,950
TOTAL WELL COST: \$381,390



DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 21, 2004 **Completion Day:** 06
Present Operation: Completion **Rig:** Weatern #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBDT: 5712' WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: KB @ 12' BP/Sand PBDT: 4670'
 Plugs 5270' 5114' 4950' 4800'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4078-4096'</u>	<u>4/72</u>	B2 sds	<u>4859-4869'</u>	<u>4/40</u>
GB6 sds	<u>4099-4105'</u>	<u>4/24</u>	A3 sds	<u>5059-5068'</u>	<u>4/36</u>
D1 sds	<u>4563-4573'</u>	<u>4/40</u>	LODC sds	<u>5164-5170'</u>	<u>4/24</u>
D2 sds	<u>4612-4617'</u>	<u>4/20</u>	CP4 sds	<u>5595-5600'</u>	<u>4/20</u>
D2 sds	<u>4635-4639'</u>	<u>4/16</u>	CP4 sds	<u>5613-5620'</u>	<u>4/28</u>
C sds	<u>4713-4732'</u>	<u>4/76</u>	CP5 sds	<u>5696-5708'</u>	<u>4/48</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 20, 2004 **SITP:** _____ **SICP:** 800

RU BJ & frac GB6 sds, stage #7 w/ 80,167#'s of 20/40 sand in 566 bbls Lightning 17 frac fluid. Open well w/ 800 psi on casing. Perfs broke down @ 3045 psi, back to 1285 psi. Treated @ ave pressure of 1532, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 1950. 3438 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1900 psi, w/ 12/64 choke. Well flowed for 4 hours & died w/ 240 bbls rec'd, 7% of frac. ND Cameron BOP & 5M frac head. NU Graco BOP & production 3M well head. TIH w/ New Mckonkie 4-3/4" skirted, center bored rog bit, bit sub, 178 jts tbg to tag sand @ 4106'. RU Washington head, pump & swivel. C/O snd to plug @ 4200'. Drill out plug. Well flowed 95 bbls fluid. Circulate well clean. TOOH w/ tbg to leave EOT @ 4176'. SIFN.

Starting fluid load to be recovered: 3438 **Starting oil rec to date:** 0
Fluid lost/recovered today: 335 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 3103 **Cum oil recovered:** 0
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand Frac
Company: BJ Services
Procedure or Equipment detail: GB6 sds down casing

COSTS

Western Rig	\$2,630
Weatherford BOP	\$130
Weatherford Services	\$2,400
Betts frac water	\$740
Zubiate Hot Oil	\$140
R&R propane	\$100
IPC fuel gas	\$200
BJ Services GB6 sds	\$13,100
Patterson WLT GB6 sd	\$2,900
IPC Supervision	\$300
Graco BOP	\$140
Four Star swivel	\$450
McConkie Bit	\$1,500
DAILY COST:	<u>\$24,730</u>
TOTAL WELL COST:	<u>\$406,120</u>

5800 gals of pad
3944 gals w/ 1-5 ppg of 20/40 sand
7872 gals w/ 5-8 ppg of 20/40 sand
2166 gal w/ 8 ppg of 20/40 sand
Flush w/ 3990 gals of slick water

Max TP: 2112 **Max Rate:** 24.8 **Total fluid pmpd:** 566 bbls
Avg TP: 1532 **Avg Rate:** 24.7 **Total Prop pmpd:** 80,167#'s
ISIP: 1950 **5 min:** _____ **10 min:** _____ **FG:** .91
Completion Supervisor: Ron Shuck



DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 22, 2004 **Completion Day:** 07
Present Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2 **Wt:** 15.5# @ 5775' **Csg PBDT:** 5751'
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 5697' **BP/Sand PBDT:** 5751'
KB @ 12'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4078-4096'</u>	<u>4/72</u>	B2 sds	<u>4859-4869'</u>	<u>4/40</u>
GB6 sds	<u>4099-4105'</u>	<u>4/24</u>	A3 sds	<u>5059-5068'</u>	<u>4/36</u>
D1 sds	<u>4563-4573'</u>	<u>4/40</u>	LODC sds	<u>5164-5170'</u>	<u>4/24</u>
D2 sds	<u>4612-4617'</u>	<u>4/20</u>	CP4 sds	<u>5595-5600'</u>	<u>4/20</u>
D2 sds	<u>4635-4639'</u>	<u>4/16</u>	CP4 sds	<u>5613-5620'</u>	<u>4/28</u>
C sds	<u>4713-4732'</u>	<u>4/76</u>	CP5 sds	<u>5696-5708'</u>	<u>4/48</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 21, 2004 **SITP:** 480 **SICP:** 490

Bleed pressure off well. Rec est 25 BTF (mostly oil). Rev circ oil & gas f/ well. TIH W/ bit & tbg f/ 4176'. Tag fill @ 4607'. RU power swivel. Con't C/O sd & drill out composite bridge plugs as follows: sd @ 4607', plug @ 4670' in 14 minutes; sd @ 4775', plug @ 4800' in 12 minutes; no sd, plug @ 4950' in 12 minutes; sd @ 5103', plug @ 5114' in 13 minutes; sd @ 5187', plug @ 5270' in 14 minutes. Con't swivelling jts in hole. Tag fill @ 5584'. Drill sd & plug remains to PBDT @ 5751'. Circ hole clean. Lost est 210 BW & rec 25 BO during cleanout. RD swivel. Pull EOT to 5697'. Well is flowing. Cleanup to flat tank for 1 hr. Made 73 BTF (est 23 BW & 50 BO). Very little sand. Tie tbg into flowline. Turn flow through treater on 24/64" adjustable choke @ 5:30 PM. Est 3285 BWTR.

Starting fluid load to be recovered: 3103 **Starting oil rec to date:** 0
Fluid lost/recovered today: 182 **Oil lost/recovered today:** 95
Ending fluid to be recovered: 3285 **Cum oil recovered:** 95
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** 24/64 **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

COSTS

Western Rig	<u>\$2,542</u>
Graco BOP	<u>\$145</u>
Betts wtr transfer	<u>\$500</u>
Four Star swivel	<u>\$450</u>
IPC sfc equipment	<u>\$120,000</u>
IPC labor & welding	<u>\$8,000</u>
Monks pit reclaim	<u>\$1,200</u>
Mt. West sanitation	<u>\$400</u>
RNI wtr disposal	<u>\$3,000</u>
Zubiate HO trk	<u>\$780</u>
RNI oil transfer	<u>\$400</u>
IPC supervision	<u>\$300</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 COST: \$137,717
TOTAL WELL COST: \$543,837



DAILY COMPLETION REPORT

WELL NAME: Jonah 16-12-9-16 **Report Date:** July 23, 2004 **Completion Day:** 08

Present Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 Wt: 15.5# @ 5775' Csg PBDT: 5751'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Anchor @: 5540' BP/Sand PBDT: 5751'
 KB @ 12'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4078-4096'	4/72	B2 sds	4859-4869'	4/40
GB6 sds	4099-4105'	4/24	A3 sds	5059-5068'	4/36
D1 sds	4563-4573'	4/40	LODC sds	5164-5170'	4/24
D2 sds	4612-4617'	4/20	CP4 sds	5595-5600'	4/20
D2 sds	4635-4639'	4/16	CP4 sds	5613-5620'	4/28
C sds	4713-4732'	4/76	CP5 sds	5696-5708'	4/48

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 22, 2004 **FTP:** 60 **SICP:** 300

Well still flowing this AM. Rec 320 BTF (est 206 BW & 114 BO) last 14 hrs. Bleed pressure off well & rev circ oil & gas out. Lost est 120 BW & rec 40 add'l BO. Well stays flowing small amount. TIH W/ tbg & tag PBDT @ 5751' (no new fill). LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new Axelson 5 1/2" TA (45K) & 172 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5540' W/ SN @ 5575' & EOT @ 5641'. Land tbg W/ 16,000# tension. NU wellhead. Well flowed approx. 40 BW during trip. RU HO trk & flush tbg W/ 30 BW @ 250°. PU & TIH W/ pump and "A" grade rod string as follows: new Axelson 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 107-3/4" plain rods, 100-3/4" scraped rods, 1-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumpng unit. W/ tbg full, stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 3395 BWTR.

Place well on production @ 5:30 PM 7/22/2004 W/ 64" SL @ 5 SPM.

FINAL REPORT!!

Starting fluid load to be recovered: 3285 **Starting oil rec to date:** 95
Fluid lost/recovered today: 110 **Oil lost/recovered today:** 154
Ending fluid to be recovered: 3395 **Cum oil recovered:** 249
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

KB 12.00'	1 1/2" X 22' polished rod	Western Rig	\$2,627
172 2 7/8 J-55 tbg (5528.20')	1-4' & 1-2' X 3/4" pony rods	Graco BOP	\$145
TA (2.80' @ 5540.20' KB)	100-3/4" scraped rods	RNI wtr disposal	\$400
1 2 7/8 J-55 tbg (32.46')	107-3/4" plain rods	IPC oil transfer	\$300
SN (1.10' @ 5575.46' KB)	10-3/4" scraped rods	Axelson TA	\$500
2 2 7/8 J-55 tbg (64.07')	6-1 1/2" weight rods	Axelson SN	\$70
2 7/8 NC (.45')	Axelson 2 1/2" X 1 1/2" X 15'	Axelson rod pump	\$1,000
EOT 5641.08' W/ 12' KB	RHAC pump W/ SM plunger	"A" grade rod string	\$10,529
		Zubiate HO trk	\$805
		EDSI rental pump	\$1,620
		IPC frac tks (5X9 days)	\$1,800
		IPC frac head	\$500
		IPC swb tk (6 days)	\$240
		Tiger tks (9 days)	\$1,440
		IPC supervision	\$300

DAILY COST: \$22,276

Completion Supervisor: Gary Dietz

TOTAL WELL COST: \$566,113

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4028'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 149' balance plug using 17 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. Perforate 4 JSPF @ 353'
6. Plug #4 Circulate 99 sx Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8 5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Jonah Federal #16-12-9-16

Spud Date: 9/2/03

Put on Production: 7/22/04
 GL: 5423' KB: 5435'

Initial Production: BOPD,
 MCFD, BWPD

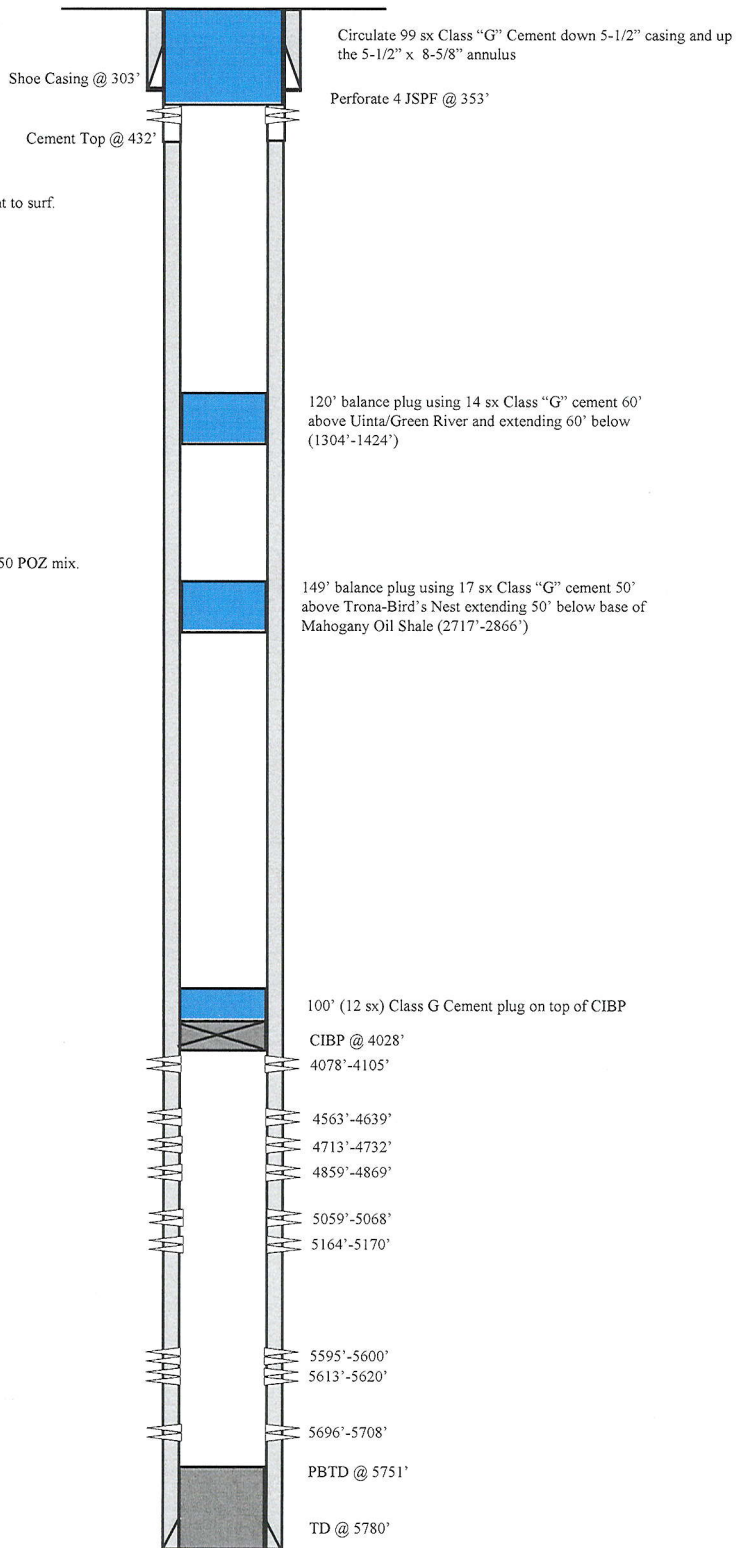
Proposed P & A
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.13')
 DEPTH LANDED: 303.13' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5777.44')
 DEPTH LANDED: 5775.44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 432'



Jonah Federal #16-12-9-16
 858' FSL & 859' FEL
 SE/SE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32431; Lease #UTU-035521

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.

5. Lease Serial No.
USA UTU-035521

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
JONAH FEDERAL 16-12-9-16

9. API Well No.
4301332431

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

11. County or Parish, State
DUCHESNE, UT

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

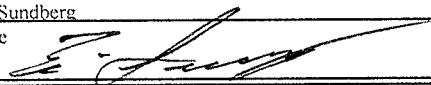
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
858 FSL, 859 FEL
SESE Section 12 T9S R16E

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

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
6/4/10

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-366

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 12, 14, AND 15, 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:

Monument Federal 11-9-9-16 well located in NW/4 NW/4, Section 9, Township 9 South, Range 16 East
C & O Govt 2 well located in NW/4 SE/4, Section 12, Township 9 South, Range 16 East
Jonah Federal 9-12-9-16 well located in NE/4 SE/4, Section 12, Township 9 South, Range 16 East
Jonah Federal 16-12-9-16 well located in SE/4 SE/4, Section 12, Township 9 South, Range 16 East
Jonah 6-14-9-16 well located in SE/4 NW/4, Section 14, Township 9 South, Range 16 East
Jonah Federal 12-14-9-16 well located in NW/4 SW/4, Section 14, Township 9 South, Range 16 East
Jonah Federal 14-14-9-16 well located in SE/4 SW/4, Section 14, Township 9 South, Range 16 East
Walton Federal 2 well located in NW/4 NE/4, Section 14, Township 9 South, Range 16 East
Castle Peak Federal 42-15 well located in SE/4 NE/4, Section 15, 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 8th day of July, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**MONUMENT FEDERAL 11-9-9-16, C & O GOVT 2,
JONAH FEDERAL 9-12-9-16, JONAH FEDERAL 16-12-9-16,
JONAH 6-14-9-16, JONAH FEDERAL 12-14-9-16,
JONAH FEDERAL 14-14-9-16, WALTON FEDERAL 2,
CASTLE PEAK FEDERAL 42-15.**

Cause No. UIC-366

Publication Notices were sent to the following:

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

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

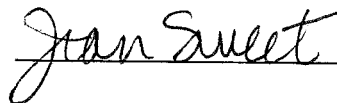
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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



Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-366

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 7/8/2010 3:57 PM
Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-366

Ad #596935 is scheduled to run July 13th in Salt Lake Tribune, Deseret News and on the website utahlegals.com .

Total charge is \$233.48. 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: Thursday, July 08, 2010 3:11 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-366

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



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

July 8, 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-366

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

NOTICE OF AGENCY ACTION CAUSE NO. UIC-366

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 12, 14, AND 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Jonah Federal 16-12-9-16 well located in SE/4 SE/4, Section 12, Township 9 South, Range 16 East

Jonah 6-14-9-16 well located in SE/4 NW/4, Section 14, Township 9 South, Range 16 East

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

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Dated this 8th day of July, 2010.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/

Brad Hill

Permitting Manager

Published in the Uintah Basin Standard July 13, 2010.



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

July 8, 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-366


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

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

The Salt Lake Tribune
www.sltrib.com

MEDIA One
OF UTAH
A NEWSPAPER AGENCY COMPANY
www.mediaagency.com

Deseret News
www.deseretnews.com

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	7/14/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	ADORDER# / INVOICE NUMBER		
8015385340	0000596935 /		
SCHEDULE			
Start 07/13/2010	End 07/13/2010		
CUST. REF. NO.			
Cause # UIC-366			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
68	Lines	2.00	COLUMN
TIMES	RATE		
4			
MISC. CHARGES	AD CHARGES		
TOTAL COST			
233.48			

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
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Dated this 8th day of July, 2010.

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

596935 UPAJLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** 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 INDEFINATELY.

PUBLISHED ON Start 07/13/2010 End 07/13/2010

SIGNATURE *Virgina Craft*

DATE 7/14/2010

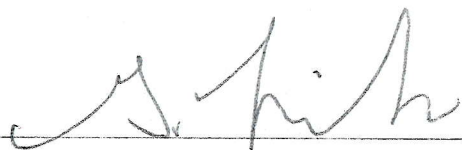

Virgina Craft

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

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, 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 13 day of July, 2010, and that the last publication of such notice was in the issue of such newspaper dated the 13 day of July, 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.



Editor

Subscribed and sworn to before me this

13 day of July, 2010
Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-366

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

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 12, 14, AND 15, 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:

Monument Federal 11-9-9-16 well located in NW/4 NW/4, Section 9, Township 9 South, Range 16 East

C & O Govt 2 well located in NW/4 SE/4, Section 12, Township 9 South, Range 16 East

Jonah Federal 9-12-9-16 well located in NE/4 SE/4, Section 12, Township 9 South, Range 16 East

Jonah Federal 16-12-9-16 well located in SE/4 SE/4, Section 12, Township 9 South, Range 16 East

Jonah 6-14-9-16 well located in SE/4 NW/4, Section 14, Township 9 South, Range 16 East

Jonah Federal 12-14-9-16 well located in NW/4 SW/4, Section 14, Township 9 South, Range 16 East

Jonah Federal 14-14-9-16 well located in SE/4 SW/4, Section 14, Township 9 South, Range 16 East

NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-5
ROOSEVELT, UTAH 84066
COMM. EXP. 3-31-2012

SE/4, Section 12, Town-
ship 9 South, Range 16
East

Jonah Federal 16-12-
9-16 well located in SE/4
SE/4, Section 12, Town-
ship 9 South, Range 16
East

Jonah 6-14-9-16 well
located in SE/4 NW/4,
Section 14, Township 9
South, Range 16 East

Jonah Federal 12-
14-9-16 well located in
NW/4 SW/4, Section 14,
Township 9 South, Range
16 East

Jonah Federal 14-
14-9-16 well located in
SE/4 SW/4, Section 14,
Township 9 South, Range
16 East

Walton Federal 2 well
located in NW/4 NE/4,
Section 14, Township 9
South, Range 16 East

Castle Peak Federal
42-15 well located in
SE/4 NE/4, Section 15,
Township 9 South, Range
16 East

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

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture 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 re-
ceived, 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 inter-
ests.

Dated this 8th day of
July, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill
Permitting Manager
Published in the Uintah
Basin Standard July 13,
2010.



Send Payments to:
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140
 www.ubstandard.com
 www.vernal.com

Rose Nolton
 DIVISION OF OIL GAS & MINING
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED
 JUL 15 2010
 DIV. OF OIL, GAS & MINING

Invoice Number	Invoice Date
2681	7/13/2010
Advertiser No.	Invoice Amount
2080	\$119.20
	Due Date
	8/12/2010

12 → 08
 NEW YEAR

COPY

1 1/2% fee will be charged to all past due balances. Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 2681	7/13/2010	
Date	Order	Publications	Description	Ad Size	Sales Tax	Amount
7/13/2010	1510	1	Notice of Agency Action Cause No. UIC-366 Ran July 13, 2010		\$0.00	\$119.20
Uintah Basin Standard						
				Total Transactions: 1	\$0.00	\$119.20

SUMMARY

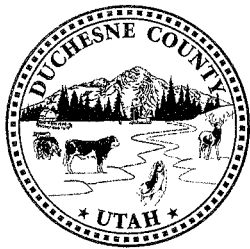
Advertiser No. 2080 Invoice No. 2681

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

2250/REB/GG UIC ADM/GF 10/6/31



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

RECEIVED
JUL 19 2010

DIV. OF OIL, GAS & MINING

July 15, 2010

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-366)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert nine wells, located in Sections 9, 12, 14 and 15, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-035521

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
JONAH FEDERAL 16-12-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332431

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 858 FSL, 859 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 12, T9S, R16E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/18/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

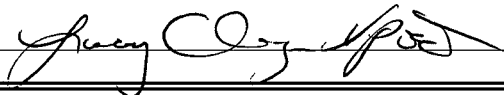
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 05/10/2011. On 05/11/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/18/2011 the casing was pressured up to 1495 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/19/2011

(This space for State use only)

RECEIVED

MAY 25 2011

DIV. OF OIL, GAS & MINING

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
 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)
 858 FSL, 859 FEL
 SESE Section 12 T9S R16E

5. Lease Serial No.
 USA UTU-035521

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 JONAH FEDERAL 16-12-9-16

9. API Well No.
 4301332431

10. Field and Pool, or Exploratory Area
 GREATER MB UNIT

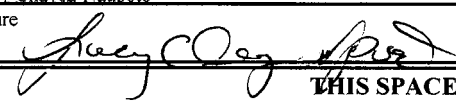
11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____	
	<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 recompleate 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 recompleation 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 subject well has been converted from a producing oil well to an injection well on 05/10/2011.
 On 05/11/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.
 On 05/18/2011 the casing was pressured up to 1495 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was not a State representative available to witness the test.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Water Services Technician
Signature 	Date 05/19/2011
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

MAY 25 2011

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 5/18/11 Time 11:00 am pm

Test Conducted by: Kevin Powell

Others Present: Cole Harris

Well: Jonah Federal 16-12-9-16 Field: Monument Butte
Well Location: SE/SE Sec. 12, T9S R16E API No: 43-013-32431
Duchesne County Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1495</u>	psig
5	<u>1495</u>	psig
10	<u>1495</u>	psig
15	<u>1495</u>	psig
20	<u>1495</u>	psig
25	<u>1495</u>	psig
30 min	<u>1495</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 600 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kevin Powell

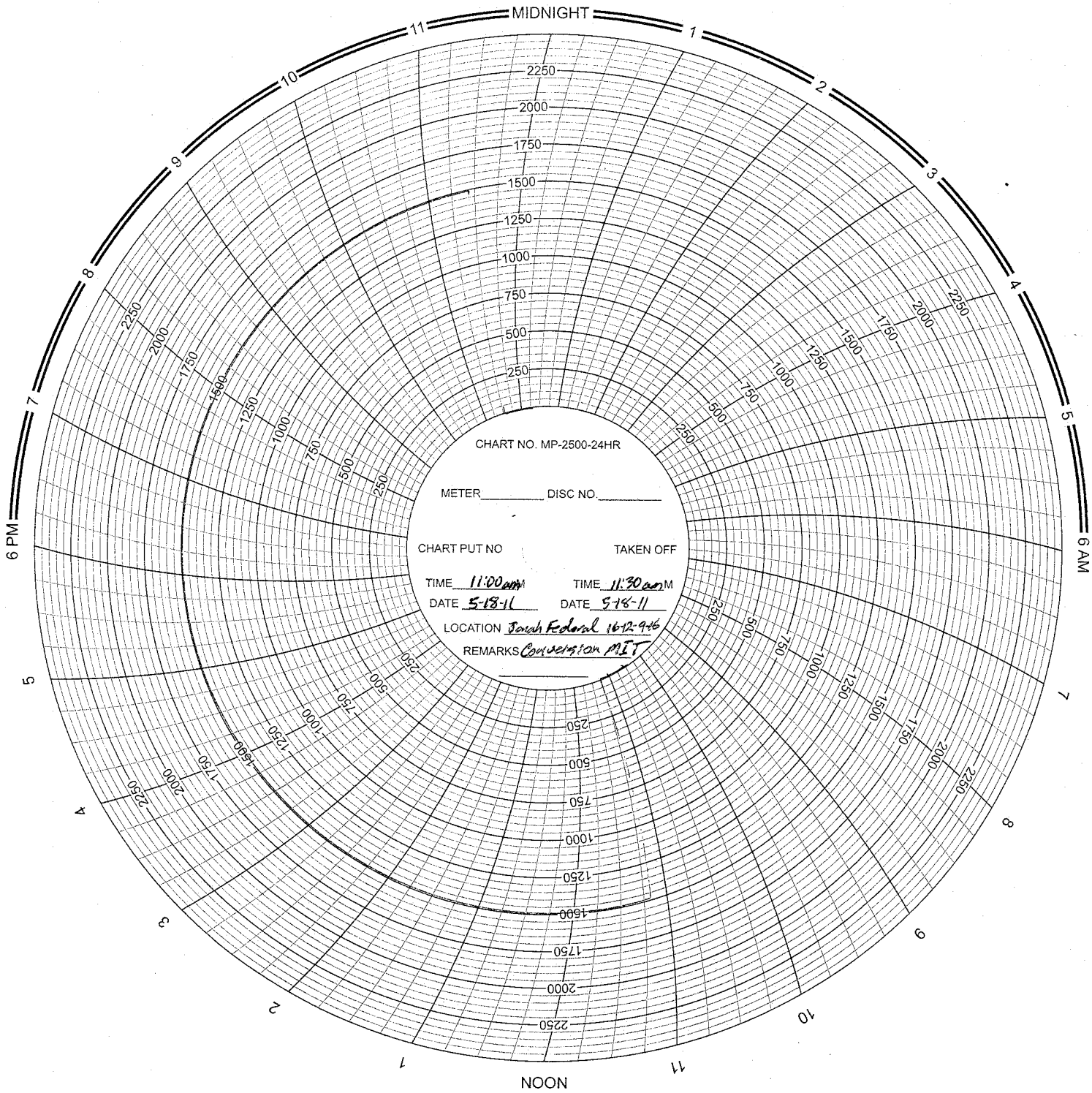


CHART NO. MP-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO _____

TAKEN OFF _____

TIME 11:00 am

TIME 11:30 am

DATE 5-18-11

DATE 5-18-11

LOCATION Jonah Federal 1612-946

REMARKS Conversion MIT

Daily Activity Report**Format For Sundry****JONAH 16-12-9-16****3/1/2011 To 7/30/2011****5/6/2011 Day: 1****Conversion**

WWS #1 on 5/6/2011 - MIRUSU WWS #1. Test tbg. Make repairs to WWS #1 - MIRUSU WWS #1. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Unseat rod pump. Flush rods & tbg w/ 40 bw @ 250°. Soft set pump. Fill 7 test tbg to 3000 psi w/ 30 bw. Good test. Retrieve rods. Unseat pump. SWI to make repairs to WWS #1. Make repairs to rig. SDFN EWTR 130 BBLs.

Daily Cost: \$0**Cumulative Cost:** \$27,515**5/9/2011 Day: 2****Conversion**

WWS #1 on 5/9/2011 - LD rod string. TOOH w/ tbg breaking collars & applying Liquid O-ring to threads & tallying tbg. Start LD excess tbg. - Open well. LD rod detail @ follows. 100 - 3/4" guided rods(4 per), 107 - 3/4" plain, 10 - 3/4" guided (4-per), & 6 - 1 1/2" wt bars (1- 1 1/2" x 22' p. rod, 2 - 2', & 1 - 4' x 3/4" pony subs). Get out of hole w/ rods (flushed rods w/ 20 bw @ 250° on TOOH). LD pump. X-over to tbg equipment. ND wellhead. TAC not set. NU BOP. RU workfloor. TOOH breaking collars, applying Liquid O-Ring to threads, & tallying tbg. Get out of hole w/ 124 jts tbg (flushed tbg w/ 30 bw on TOOH). Statr LD.tb. LD 12 tbg. SDFN to wait on water. EWTR 180 BBLs

Daily Cost: \$0**Cumulative Cost:** \$35,984**5/10/2011 Day: 3****Conversion**

WWS #1 on 5/10/2011 - LD remaining tbg. TIH w/ pkr testing tbg. Test CSG. Release PKR for TOOH in AM. - Hot oiler had flushed tbg w/ 20 bw @ 250°. LD remainin 51 jts tbg. MU Weatherford 5 1/2" Arrowset 1-X pkr & PSN. TIH w/ 124 jts tbg. Pump 10 bw & crop standing valve. Fill & test tbg to 3000 psi w/ 23 bw. Watch for 30 minutes. Lost 350 psi. Bump up & watch for 30 minutes. Lost 150 psi. Bump up to 3000 psi. Watch for 30 minutes. No loss. Good test. RIH w/ sandline. Latch onto & retrieve SV. POOH w/ sandline. RD workfloor. ND BOP. Wait on fresh wtr. Mix & pump 60 bbls pkr fluid. Set pkr & fill csg w/ 30 bbls pkr fluid. Pressure up to 1500 psi. Watch for 30 minutes. Good test. Change of procedure. Need to run straddle pkr. Release pkr. SDFN EWTR 303 BBLs.

Daily Cost: \$0**Cumulative Cost:** \$43,403**5/11/2011 Day: 4****Conversion**

WWS #1 on 5/11/2011 - TOOOH w/ tbg & PKR. Run WLS PKR. TIH w/ straddle assembly & TS PKR. Test tbg & CSG. - Open well. TOOH w/ 124 jts tbg. LD Weatherford Arrowset 1-X PKR. RU The Perforators wlt. RIH w/ wireline & set Weatherford WLS Arrow-Pak PKR. POOH w/ wipline. MU BTM hole assmebly & TIH w/btg detail @ follows Weatherford stinger, 2 3/8" PSN, 2 3/8" x 2 7/8" X-over, 15 jts tbg, & Weatherford TS Arrowset 1-X PKR w/ 2.31"x" seal nipple & on/off too, & 123 jts tbg. Get in hole w/ tbg. Pump 10 bw. Drop 2 3/8" SV. Seat SV, Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 180 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & retrieve SV. POOH w/ sandline. Fill CSG & TBG w/ 97

BBLs PKR fluid. ND BOPS. Sting into WLS PKR. Set TS PKR. Fill & test CSG to 1500 psi w/ 25 BBLs. Watch for 30 min. Lost 150 psi. Bump up & watch for 30 min. Good test. RDMOSU WWS #1. READY FOR MIT!

Daily Cost: \$0

Cumulative Cost: \$75,102

5/19/2011 Day: 5

Conversion

Rigless on 5/19/2011 - Conversion MIT - On 5/11/11 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Jonah Federal 16-12-9-16). Permission was given at that time to perform the test on 5/11/11. On 5/18/11 the csg was pressured up to 1495 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not a State representative available to witness the test. API # 43-013-32431 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$100,422

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



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-366

Operator: Newfield Production Company
Well: Jonah Federal 16-12-9-16
Location: Section 12, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32431
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 30, 2010.
2. Maximum Allowable Injection Pressure: 1,764 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,340' – 5,751')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


John Rogers
Associate Director

5/31/2011

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

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



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

Applicant: Newfield Production Company **Well:** Jonah Federal 16-12-9-16

Location: 12/9S/16E **API:** 43-013-32431

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 303 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,775 feet. A cement bond log demonstrates adequate bond in this well up to 3,550 feet. A 2 7/8 inch tubing with a packer will be set at 5,545 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 7 producing wells, 4 injection wells, and 2 shut-in wells in the AOR. In addition, there is currently 1 well being directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR. All the existing wells except two demonstrate adequate cement for the proposed injection interval. The most notable is the C&O Govt 2-12 well (API # 43-013-15112), a shut-in and proposed injection well, located approximately 1/3 mile northwest of the Jonah Federal 16-12-9-16 well. The CBL (7/11/1965) indicates adequate cement bond only up to about 4,350 feet depth. Also, the CBL (6/27/1995) for the Monument Federal 42-12J-9-16 well (API # 43-013-31486), located about 1/3 mile NNE of the proposed injection well, indicates questionable cement bond above 4,136 feet. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 900 feet. The requested injection interval is between 3,853 feet and 5,751 feet in the Green River Formation. However, the top of the cement is at about 4,350 feet in the C&O Govt 2-12 well. This cement top correlates to a depth of about 4,240 feet in the Jonah Federal 16-12-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,340 feet in the Jonah Federal 16-12-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 16-12-9-16 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the

injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,764 psig. The requested maximum pressure is 1,764 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 8/17/2010



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

August 30, 2010

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

Subject: Greater Monument Butte Unit Well: Jonah Federal 16-12-9-16, Section 12, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32431


Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,340 feet in the Jonah Federal 16-12-9-16 well.

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

Sincerely,


Clinton Dworshak
Acting Associate Director

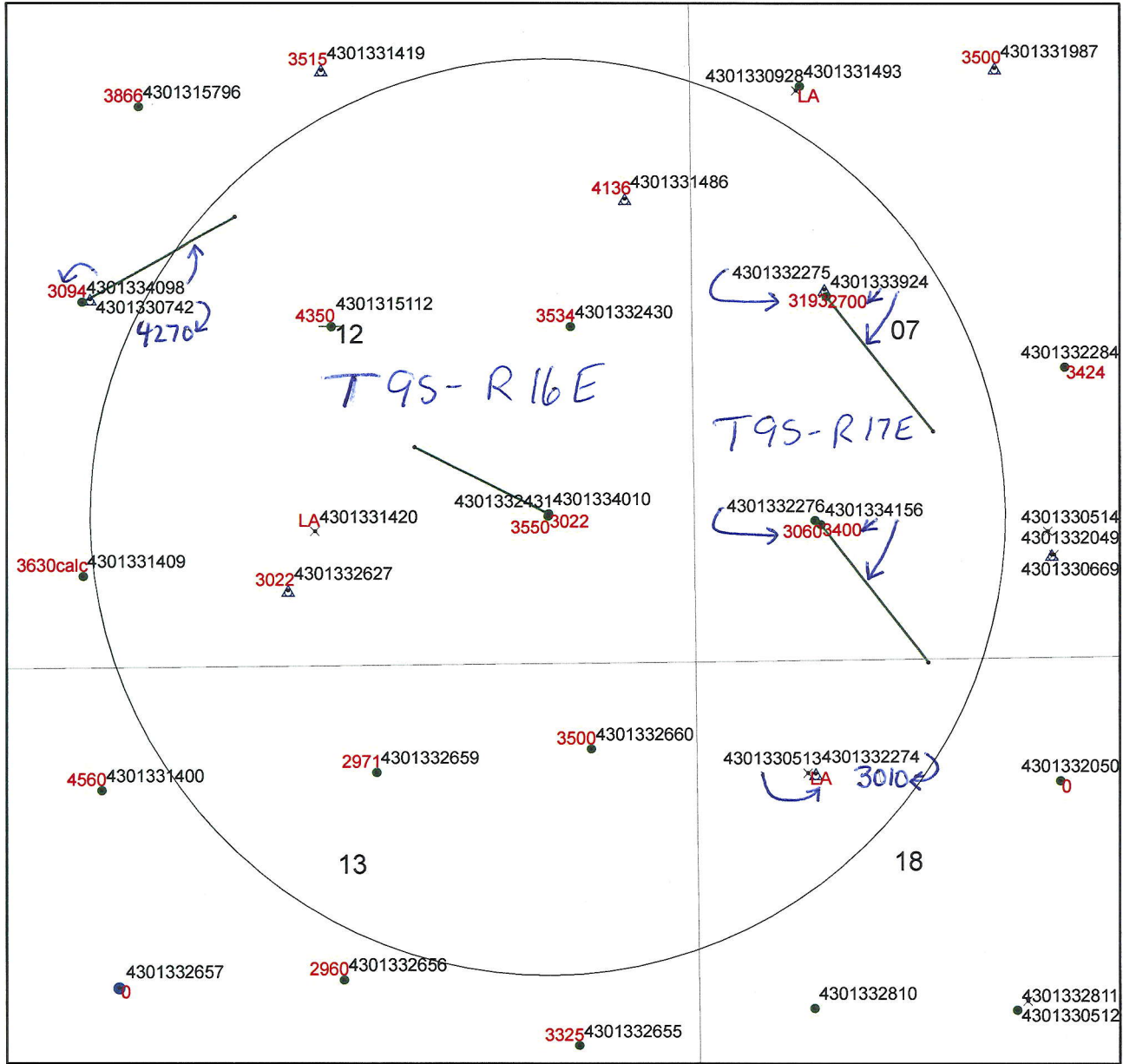
CLD/MLR/js

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

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





JONAH FEDERAL 16-12-9-16

API #43-013-32431

UIC-366.7

Legend

- | | |
|--|--|
| <ul style="list-style-type: none"> □ Buffer_of_SGID93_ENERGY_DNROilGasWells_10 • Wells-CbtopsMaster8_11_10 ● GAS INJECTION ● TW ● TA ● OPS ● GS ○ APD ⊕ PA ⊗ LA ⊗ GAS STORAGE ⊗ LOCATION ABANDONED ○ NEW LOCATION ⊗ PLUGGED & ABANDONED ⊗ PRODUCING GAS | <ul style="list-style-type: none"> ● PRODUCING OIL ⊗ SHUT-IN GAS ● SHUT-IN OIL ⊗ TEMP. ABANDONED ○ TEST WELL ▲ WATER INJECTION ⊕ WATER SUPPLY ⊗ WATER DISPOSAL ⊕ DRILLING ▲ RETURNED GAS ▲ RETURNED OIL ⊗ GAS INJECTION SI ▲ WATER DISP. SUSP. ⊗ WATER INJ. SUSP. — county-lines □ Sections — SGID93.ENERGY.DNROilGasWells_HDPath |
|--|--|



1870calc = approx cement top calculated from well completion report



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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-035521

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU (GRRV)

8. WELL NAME and NUMBER:
JONAH FED 16-12-9-16

9. API NUMBER:
43013324310000

9. FIELD and POOL or WILDCAT:
MONUMENT BUTTE

COUNTY:
DUCHESNE

STATE:
UTAH

1. TYPE OF WELL
Oil Well

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052
PHONE NUMBER: 435 646-4825 Ext

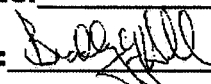
4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0858 FSL 0859 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 12 Township: 09.0S Range: 16.0E Meridian: S

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: 9/23/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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" value="PUT ON INJECTION"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above reference well was put on injection at 9:30 PM on 09/23/2011.

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

Date: 09/27/2011
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/27/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-035521
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 Water Injection Well	8. WELL NAME and NUMBER: JONAH FED 16-12-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013324310000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0858 FSL 0859 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 12 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

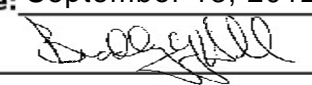
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/30/2012	<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 type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input checked="" type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 06/08/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/30/2012 the csg was pressured up to 1655 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg 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

Date: September 13, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/5/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 8/30/12 Time 9:30 am pm
Test Conducted by: Cody Marx
Others Present: _____

Well: <u>Jonah Federal 16-12-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/SE Sec. 12, T9S, R16E Duchesne, UT</u>	API No: <u>43-013-32431</u>

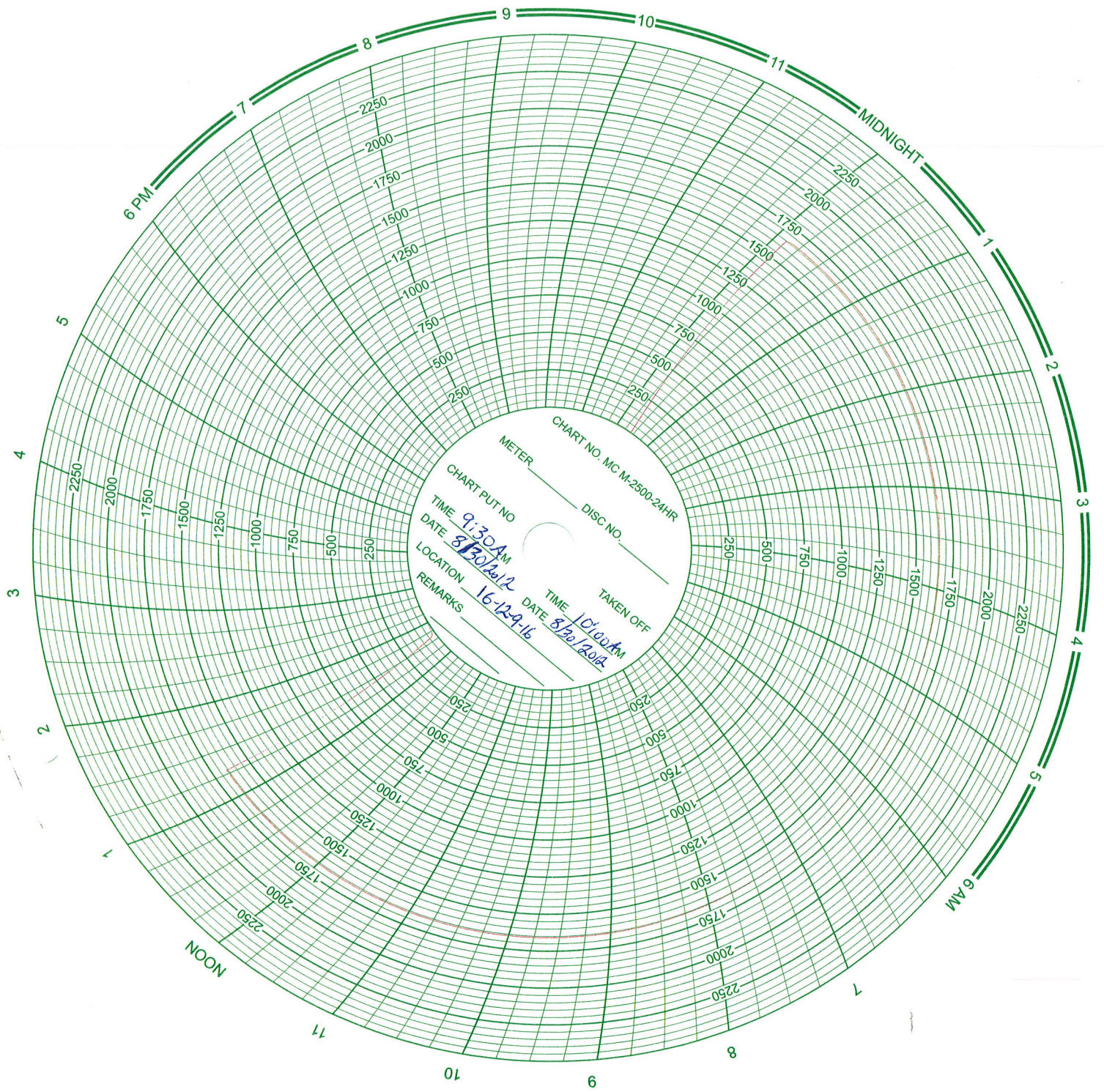
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1655</u>	psig
5	<u>1655</u>	psig
10	<u>1655</u>	psig
15	<u>1655</u>	psig
20	<u>1655</u>	psig
25	<u>1655</u>	psig
30 min	<u>1655</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Cody Marx



Daily Activity Report

Format For Sundry

JONAH 16-12-9-16

6/1/2012 To 10/30/2012

8/30/2012 Day: 1

Tubing Leak

WWS #3 on 8/30/2012 - MIRUSU, Pressure test tbg. - Check pressure on tbg. Good test. RU sandline to retrieve std valve. RD sandline. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Sting into WL Pkr. Set Arrowset Pkr w/ 15000 tension. NU wellhead. Pressure test Pkr & csg to 1500 psi for 30 min. Good test. RDMOSU. - MIRUSU. X-over to tbg eq. ND wellhead. NU BOP. Release Pkr. RU rig floor. Drop 2 3/8 std valve down tbg & pressure test to 3000 psi for 30 min. Good test. RU sandline to retrieve std valve. TOH w/ 98- jt 2 7/8 . Flush tbg w/ 20 bbls water on TOH. SDFD. - MIRUSU. X-over to tbg eq. ND wellhead. NU BOP. Release Pkr. RU rig floor. Drop 2 3/8 std valve down tbg & pressure test to 3000 psi for 30 min. Good test. RU sandline to retrieve std valve. TOH w/ 98- jt 2 7/8 . Flush tbg w/ 20 bbls water on TOH. SDFD. - Check pressure on tbg. Good test. RU sandline to retrieve std valve. RD sandline. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Sting into WL Pkr. Set Arrowset Pkr w/ 15000 tension. NU wellhead. Pressure test Pkr & csg to 1500 psi for 30 min. Good test. RDMOSU. - Check pressure on tbg. Good test. RU sandline to retrieve std valve. RD sandline. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Sting into WL Pkr. Set Arrowset Pkr w/ 15000 tension. NU wellhead. Pressure test Pkr & csg to 1500 psi for 30 min. Good test. RDMOSU. - Flush tbg w/ 40 bbls water @ 250. Cont to TOH w/ tbg & Pkr assembly. TIH w/ retrieveing tool & tbg. Latch onto arrowset Pkr & release. TOH w/ tbg & arrowset Pkr. RU Perforators to set new Pkr. Set Arrow Pak @ 4498'. RD Perforators. PU TIH w/ stinger, x-over, 2 3/8 SN, x-over, 15- jts 2 7/8, Arrowset Pkr, on/off tool, 2 7/8 SN, 123- JTS 2 7/8, 8', 8', 6', X 2 7/8 pup jts, 1- jt 2 7/8. Sting into Arrow Pak. Pump 2 bbls water down tbg @ 600 psi w/ no circulation. Unsting Arrow Pak. Pump 10 bbls water down tbg & drop std valve. Pressure up tbg to 3000 psi & leave pressure until the AM. SDFD. - Flush tbg w/ 40 bbls water @ 250. Cont to TOH w/ tbg & Pkr assembly. TIH w/ retrieveing tool & tbg. Latch onto arrowset Pkr & release. TOH w/ tbg & arrowset Pkr. RU Perforators to set new Pkr. Set Arrow Pak @ 4498'. RD Perforators. PU TIH w/ stinger, x-over, 2 3/8 SN, x-over, 15- jts 2 7/8, Arrowset Pkr, on/off tool, 2 7/8 SN, 123- JTS 2 7/8, 8', 8', 6', X 2 7/8 pup jts, 1- jt 2 7/8. Sting into Arrow Pak. Pump 2 bbls water down tbg @ 600 psi w/ no circulation. Unsting Arrow Pak. Pump 10 bbls water down tbg & drop std valve. Pressure up tbg to 3000 psi & leave pressure until the AM. SDFD. - Flush tbg w/ 40 bbls water @ 250. Cont to TOH w/ tbg & Pkr assembly. TIH w/ retrieveing tool & tbg. Latch onto arrowset Pkr & release. TOH w/ tbg & arrowset Pkr. RU Perforators to set new Pkr. Set Arrow Pak @ 4498'. RD Perforators. PU TIH w/ stinger, x-over, 2 3/8 SN, x-over, 15- jts 2 7/8, Arrowset Pkr, on/off tool, 2 7/8 SN, 123- JTS 2 7/8, 8', 8', 6', X 2 7/8 pup jts, 1- jt 2 7/8. Sting into Arrow Pak. Pump 2 bbls water down tbg @ 600 psi w/ no circulation. Unsting Arrow Pak. Pump 10 bbls water down tbg & drop std valve. Pressure up tbg to 3000 psi & leave pressure until the AM. SDFD. - MIRUSU. X-over to tbg eq. ND wellhead. NU BOP. Release Pkr. RU rig floor. Drop 2 3/8 std valve down tbg & pressure test to 3000 psi for 30 min. Good test. RU sandline to retrieve std valve. TOH w/ 98- jt 2 7/8 . Flush tbg w/ 20 bbls water on TOH. SDFD. - MIRUSU. X-over to tbg eq. ND wellhead. NU BOP. Release Pkr. RU rig floor. Drop 2 3/8 std valve down tbg & pressure test to 3000 psi for 30 min. Good test. RU sandline to retrieve std valve. TOH w/ 98- jt 2 7/8 . Flush tbg w/ 20 bbls water on TOH. SDFD. - Check pressure on tbg. Good test. RU sandline to retrieve std valve. RD sandline. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Sting into WL Pkr. Set Arrowset Pkr w/ 15000 tension. NU wellhead. Pressure test Pkr & csg to 1500 psi for 30 min. Good test. RDMOSU. - Check pressure on tbg. Good test. RU sandline to retrieve std valve. RD sandline. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Sting into WL Pkr. Set Arrowset Pkr w/ 15000

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Daily Cost: \$0

Cumulative Cost: \$19,665

9/4/2012 Day: 4

Tubing Leak

Rigless on 9/4/2012 - Conduct MIT - On 06/08/12 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/30/2012 the csg was pressured up to 1655 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 06/08/12 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/30/2012 the csg was pressured up to 1655 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$35,888

Pertinent Files: Go to File List

Spud Date: 9/2/03
 Put on Production: 7/22/04
 GL: 5423' KB: 5435'

Jonah Federal 16-12-9-16

Injection Wellbore Diagram

SURFACE CASING

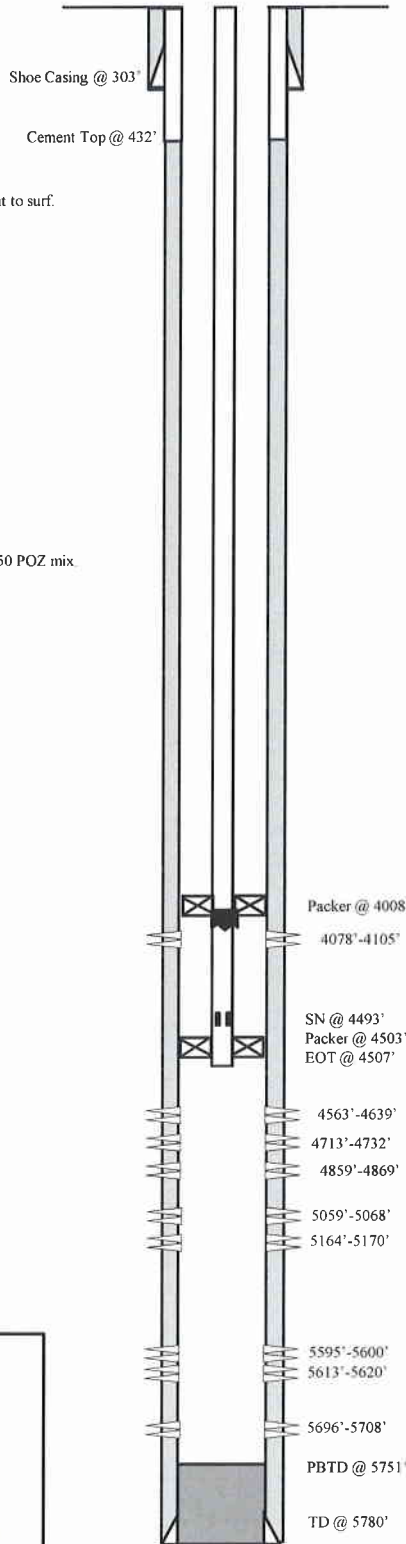
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (293 13')
 DEPTH LANDED: 303 13' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5777 44')
 DEPTH LANDED: 5775 44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 432'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 1 jt (30 9')
 TBG PUP 2-7/8 J-55 AT: 42 9'
 NO. OF JOINTS: 123 jts (3937')
 PACKER w/ ON/OFF TOOL CE AT: 4008'
 NO. OF JOINTS: 15 jts (487 7')
 XO: 2-7/8" x 2-3/8" / N-80 / 6.5# AT: 4492 4'
 SEATING NIPPLE: 2-3/8" N-80 (1.10')
 SN LANDED AT: 4492 9' KB
 XO: 2-7/8" x 2-3/8" / N-80 / 6.5# AT: 4494 1'
 STINGER w/ 4"x1" SEAL @ 4494 6'
 WLS PACKER CE @ 4503 5'
 TOTAL STRING LENGTH: EOT @ 4507 09' W/12' KB




FRAC JOB

7/15/04	5595'-5708'	Frac CP sands as follows: 60,657# 20/40 sand in 489 bbls lightning Frac 17 fluid. Treated @ avg press of 1500 psi w/avg rate of 24 7 BPM. ISIP 1800 psi. Calc flush: 5593 gal. Actual flush: 5590 gal.
7/16/04	5164'-5170'	Frac LODC sands as follows: 24,253# 20/40 sand in 259 bbls lightning Frac 17 fluid. Treated @ avg press of 2680 psi w/avg rate of 24 6 BPM. Screened out.
7/19/04	5059'-5068'	Frac A3 sands as follows: 49,173# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1790 psi w/avg rate of 24 7 BPM. ISIP 2050 psi. Calc flush: 5057 gal. Actual flush: 5057 gal.
7/19/04	4859'-4869'	Frac B2 sands as follows: 59,382# 20/40 sand in 458 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24 7 BPM. ISIP 2570 psi. Calc flush: 4857 gal. Actual flush: 4855 gal.
7/19/04	4713'-4732'	Frac C sands as follows: 60,016# 20/40 sand in 458 bbls lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24 7 BPM. ISIP 2220 psi. Calc flush: 4711 gal. Actual flush: 4757 gal.
7/19/04	4563'-4639'	Frac D sands as follows: 89,343# 20/40 sand in 651 bbls lightning Frac 17 fluid. Treated @ avg press of 1813 psi w/avg rate of 24 7 BPM. ISIP 2075 psi. Calc flush: 4561 gal. Actual flush: 4561 gal.
7/19/04	4078'-4105'	Frac GB6 sands as follows: 80,167# 20/40 sand in 566 bbls lightning Frac 17 fluid. Treated @ avg press of 1532 psi w/avg rate of 24 7 BPM. ISIP 1950 psi. Calc flush: 4077 gal. Actual flush: 3990 gal.
05/10/11		Convert to Injection well
05/18/11		Conversion MIT Finalized - updated tbg detail
08/30/12		Workover MIT - Tbg Leak

PERFORATION RECORD

7/13/04	5696'-5708'	4 JSPF	48 holes
7/13/04	5613'-5620'	4 JSPF	28 holes
7/13/04	5595'-5600'	4 JSPF	20 holes
7/15/04	5164'-5170'	4 JSPF	24 holes
7/19/04	5059'-5068'	4 JSPF	36 holes
7/19/04	4859'-4869'	4 JSPF	40 holes
7/19/04	4713'-4732'	4 JSPF	76 holes
7/19/04	4635'-4639'	4 JSPF	16 holes
7/19/04	4612'-4617'	4 JSPF	20 holes
7/19/04	4563'-4573'	4 JSPF	40 holes
7/19/04	4099'-4105'	4 JSPF	24 holes
7/19/04	4078'-4096'	4 JSPF	72 holes



Jonah Federal 16-12-9-16
 858' FSL & 859' FEL
 SE/SE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32431; Lease #UTU-035521

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-035521
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 16-12-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013324310000
3. ADDRESS OF OPERATOR: 4 WATERWAY SQUARE PL STE 100 , THE WOODLANDS, TX, 77380	PHONE NUMBER: 435-646-4802	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 858 FSL 859 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 12 Township: 9S Range: 16E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/3/2017 <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 type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 07/31/2017 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/03/2017 the casing was pressured up to 1500 psig and charted for 15 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1692 psig during the test. There was a State representative available to witness the test - Mark Reinbold.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 30, 2017</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A		DATE 8/8/2017

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 8/31/17 Time 9:53 am pm
Test Conducted by: JOHNNY SKIM
Others Present: _____

Well: DNAAH FEDERAL 16-12-9-16 Field: GREATER MONUMENT
ROUTE UNITS.
Well Location: SE/SE SEC. 12 T9S, R16E API No: 43-013-32431
DUCHESNE COUNTY, UTAH

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1703/1692 psig

Result: Pass Fail

Signature of Witness: Mandi L. Reinbold

Signature of Person Conducting Test: Johnny Skim



GP CHART PDDL USA INC.
PORTAGE, INDIANA
(20 FTD)
CHART NO. MP-2500

METER _____
CHART PUT ON _____ M
TAKEN OFF _____ M

LOCATION John Federal 16-12-24-14

REMARKS Pass

PRINTED
U.S.A.

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

Effective Date: 1/24/2020

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

WELL INFORMATION:

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

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

- Well(s) update in the RBDMS on: 1/14/2021
- Group(s) update in RDBMS on: 1/14/2021
- Surface Facilities update in RBDMS on: 1/14/2021
- Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
see attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:
see attached

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
attached

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

PHONE NUMBER:
(435) 646-4936

10. FIELD AND POOL, OR WILDCAT:
attached

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

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

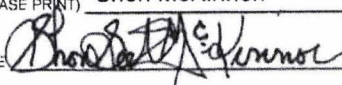
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

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

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

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

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

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Newfield Production Company		8. WELL NAME and NUMBER: see attached
3. ADDRESS OF OPERATOR: 4. Waterway Square Place SU CITY The Woodlands STATE TX ZIP 77380		9. API NUMBER: attached
PHONE NUMBER: (435) 646-4936		10. FIELD AND POOL, OR WILDCAT: attached
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: _____		COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: UTAH

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

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

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

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

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

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

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

(This space for State use only)



TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Mar 25, 2020

EPA approval required

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

Effective Date: 7/1/2021

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

WELL INFORMATION:

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

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

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

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

Entities Updated in RBDMS on: 11/24/2021

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

9. API NUMBER:

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

PHONE NUMBER:
(281) 210-5100

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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

STATE:

UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only) Approved by the
Utah Division of
Oil, Gas and Mining
[Signature]
Oct 04, 2021

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

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-035521
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Jonah Fed 16-12-9-16	
2. NAME OF OPERATOR: Ovintiv USA, Inc.	9. API NUMBER: 43013324310000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands , TX, 77380	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 858 FSL 859 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 12 Township: 9S Range: 16E 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"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/15/2022	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A 5 YR MIT was performed on the above listed well. On 06/15/2022 the casing was pressured up to 1398 PSIG and charted for 20 minutes with no pressure loss. The tubing pressure was 1198 PSIG during the test. State Representative, Dal Gray, was present to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) June 28, 2022		
NAME (PLEASE PRINT) Teresa Robbins	PHONE NUMBER 435-646-4886	TITLE Warehouse Lead
SIGNATURE N/A	DATE 6/20/2022	

Mechanical Integrity Test Tubing/Casing Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program
1595 Wynkoop Street, Denver, CO 80202

EPA Witness: *[Signature]* Date: 6/15/22
 Test conducted by: *Simone Banks*
 Others present: _____

Well Name:	<u>Jonah Federal 16-12-9-16</u>	Type: ER SWD	Status: AC TA UC
Field:	<u>Grater Monument 15-11-16</u>		
Location:	<u>16</u>	Sec: <u>12 T 9 N 18 R 16 W</u>	County: <u>Duchesne</u> State: <u>UT</u>
Operator:	<u>Quintiv</u>		
Last MIT:	<u>1</u>	Maximum Allowable Pressure:	<u>1764</u> PSIG

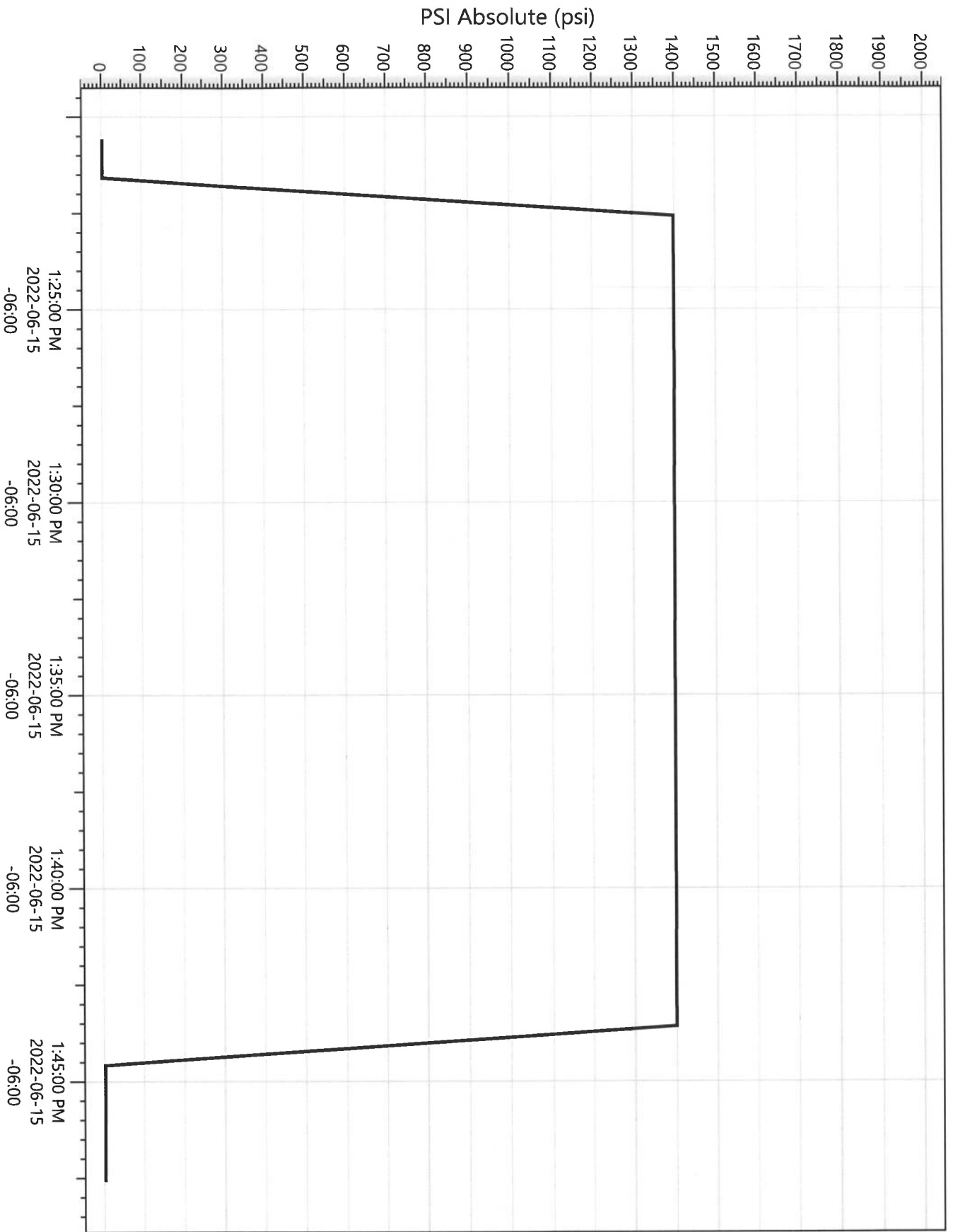
Regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No

Well injecting during test? If Yes, rate: 1 bpd
 Pre-test annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE RECORD		
Initial Pressure	<u>1199</u> psig	psig	psig
End of test pressure	<u>1198</u> psig	psig	psig
CASING / TUBING ANNULUS	PRESSURE RECORD		
0 minutes	<u>1398</u> psig	psig	psig
5 minutes	<u>1398</u> psig	psig	psig
10 minutes	<u>1398</u> psig	psig	psig
15 minutes	<u>1398</u> psig	psig	psig
20 minutes	<u>1398</u> psig	psig	psig
25 minutes	psig	psig	psig
30 minutes	psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? If Yes, no psig.

Jonah Federal 16-12-9-16
2022-06-15 1:20:33 PM



Legend
P23423
Pressure

Effective Date: 9/1/2022

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

WELL INFORMATION:

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

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023

Group(s) update in RDBMS on: 12/20/2022

Surface Facilities update in RBDMS on: NA

Entities Updated in RBDMS on: 1/25/2023

COMMENTS:

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

FORM 9

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

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

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

8. WELL NAME and NUMBER:
See attached Exhibit A

9. API NUMBER:
Attached

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Scout Energy Management, LLC

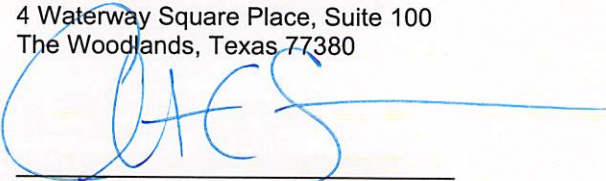
3. ADDRESS OF OPERATOR:
13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240
PHONE NUMBER: (972) 325-1096

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

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

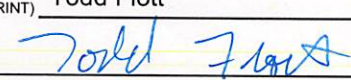
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/1/2022</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/>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

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

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

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

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

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

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

(This space for State use only)

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



TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

EPA approval required

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