



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

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A | |
| 2. NAME OF OPERATOR Inland Production Company | | | | 7. UNIT AGREEMENT NAME Jonah | |
| 3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721 | | | | 8. FARM OR LEASE NAME WELL NO. Jonah Federal 9-12-9-16 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NE/SE 1953' FSL 729' FEL 4432798Y 40,04350 At proposed Prod. Zone 580179 X -110.06013 | | | | 9. API WELL NO. 43-013-32430 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17.8 miles south of Myton, Utah | | | | 10. FIELD AND POOL OR WILDCAT Monument Butte | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 729' f/lse line & 729' 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.) 5445' 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 Manchis Coxis TITLE Permit Clerk DATE 2/13/03

(This space for Federal or State office use)

PERMIT NO. 43-013-32430 APPROVAL DATE 02-19-03

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

CONDITIONS OF APPROVAL, IF ANY:

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

*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.

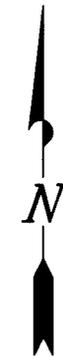
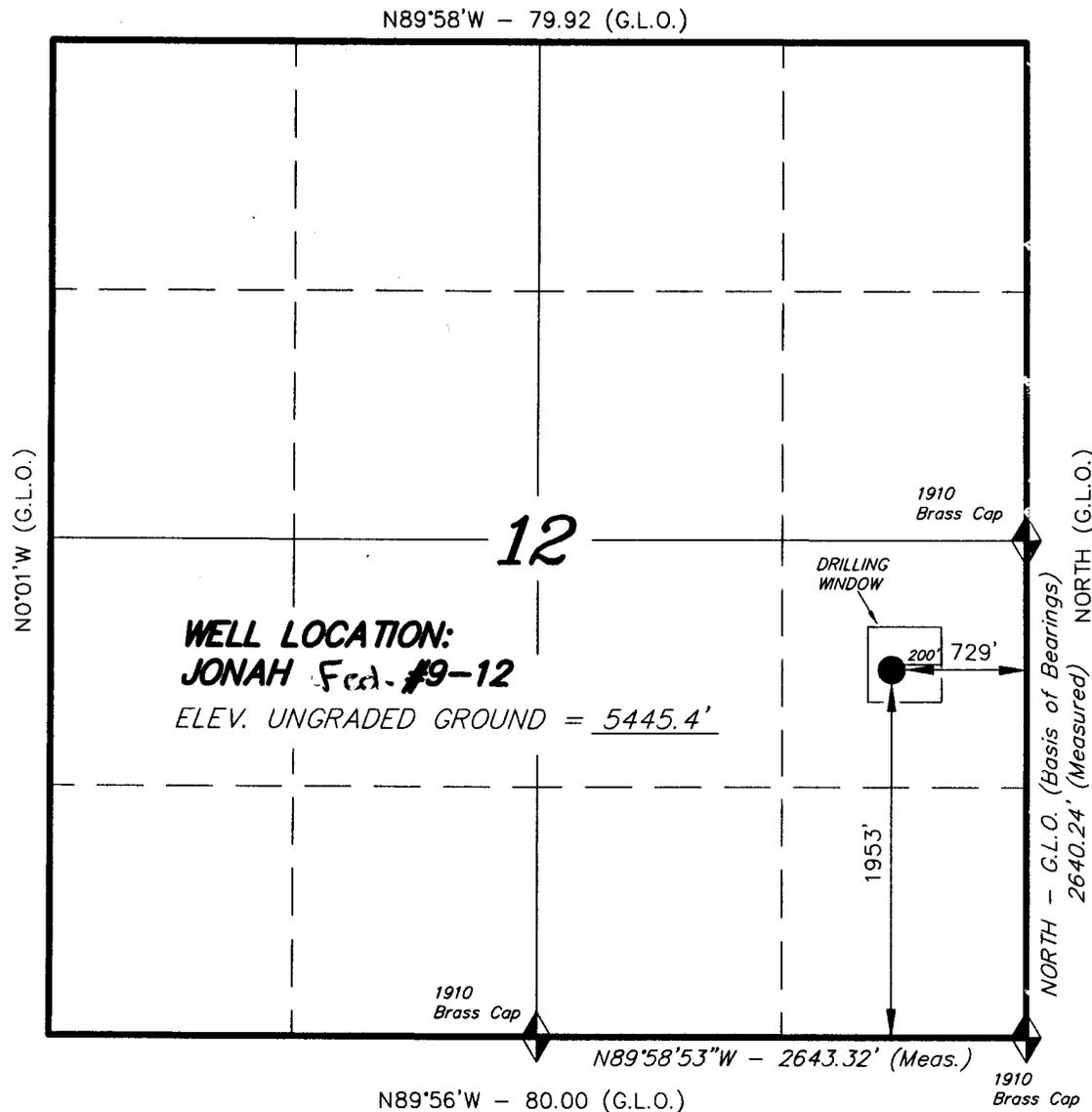
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FEB 13 2003

DIV. OF OIL, GAS & MINING

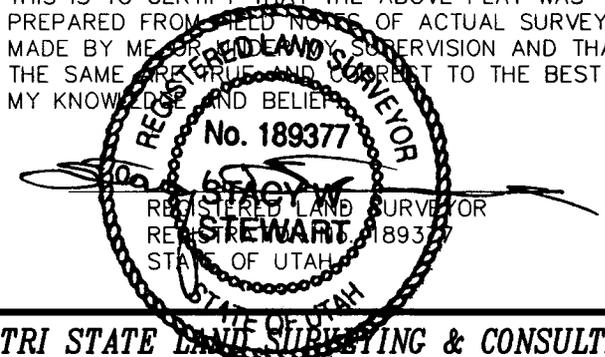
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #9-12,
 LOCATED AS SHOWN IN THE NE 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: K.G.S. |
| DATE: 7-29-02 | DRAWN BY: J.R.S. |
| NOTES: | FILE # |

INLAND PRODUCTION COMPANY
JONAH FEDERAL #9-12-9-16
NE/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 #9-12-9-16
NE/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 #9-12-9-16 located in the NE 1/4 SE 1/4 Section 12, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles ± to it's junction with an existing road to the southwest; proceed southwesterly - 2.4 miles ± to it's junction with an existing road to the southwest; proceed southerly - 0.6 ± miles to it's junction with the beginning of a proposed access road; proceed southerly - 2510' ± to it's junction with the beginning of the proposed access road to the east; proceed easterly along the proposed access road - 410' ± 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 #9-12-9-16 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."**

Inland Production Company also requests a 60' ROW be granted for the Jonah Federal #9-12-9-16 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **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 #9-12-9-16 NE/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

Mandie Crozier
Permit Clerk

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

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

API Number:

Lease Number: U-035521

Location: NESE 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.

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)

| | | |
|------------------|-------------------------------|------------|
| Gardner saltbush | <i>Atriplex gardneri</i> | 3 lbs/acre |
| Shadscale | <i>Atriplex confertifolia</i> | 3 lbs/acre |
| Ricegrass | <i>Oryzopsis hymenoides</i> | 3 lbs/acre |
| Galletta grass | <i>Hilaria jamesii</i> | 3 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

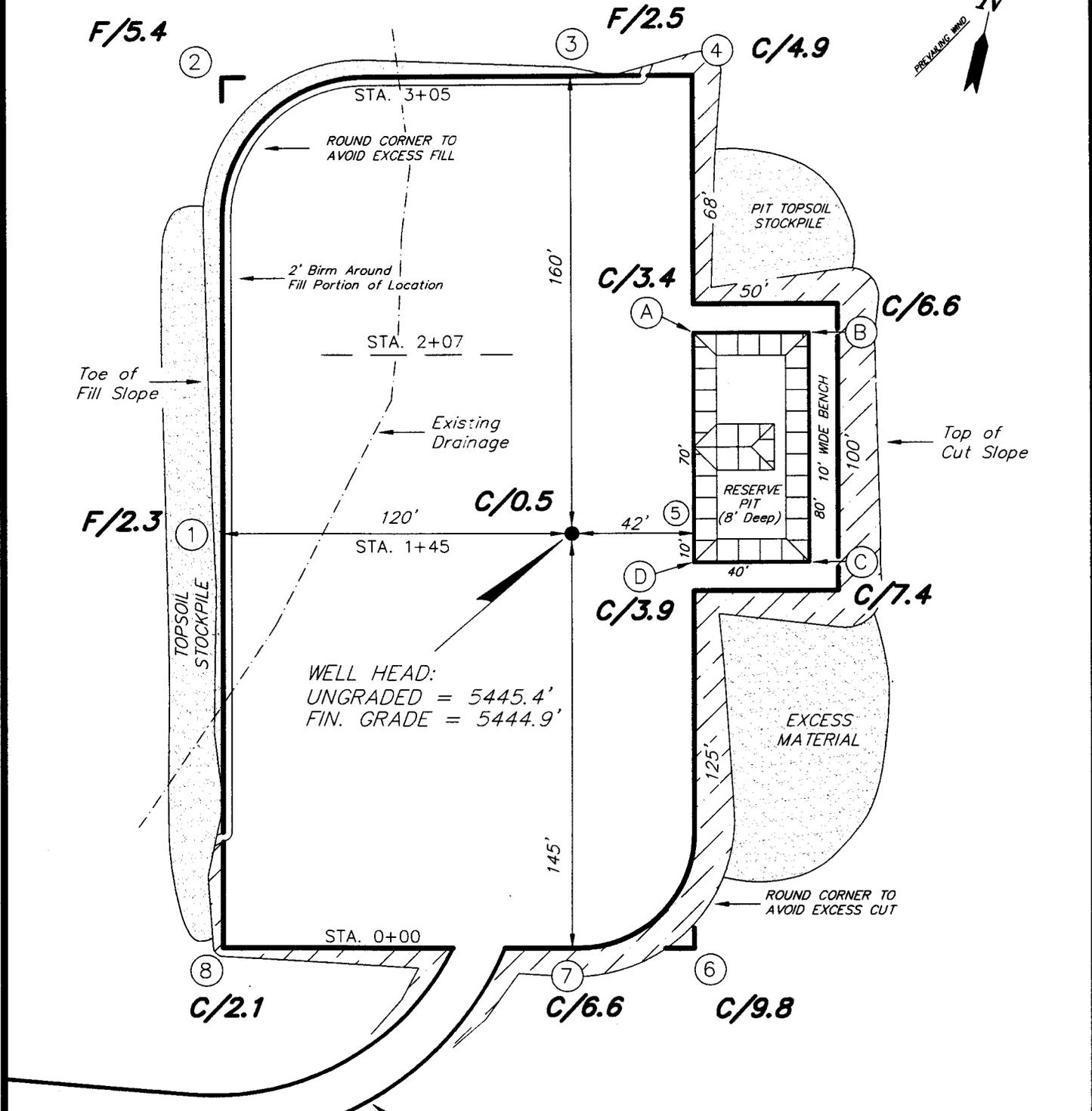
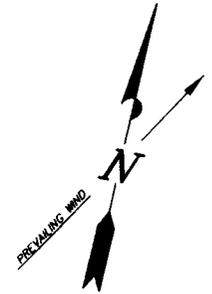
Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

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. #9-12
SEC. 12, T9S, R16E, S.L.B.&M.



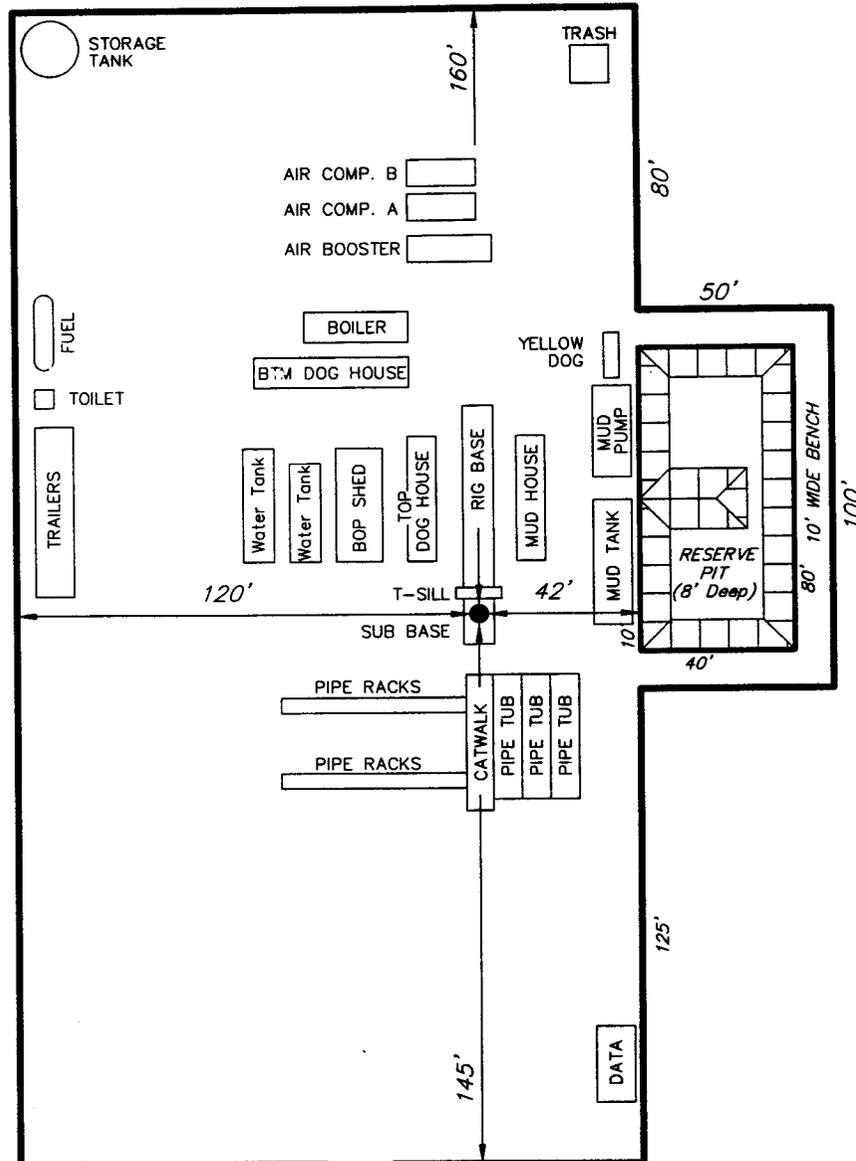
REFERENCE POINTS
 170' WEST = 5445.3'
 220' WEST = 5448.7'

| | | |
|---------------------|-----------------|--|
| SURVEYED BY: K.G.S. | SCALE: 1" = 50' | Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 (435) 781-2501 |
| DRAWN BY: J.R.S. | DATE: 7-29-02 | |

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH Fed. #9-12



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

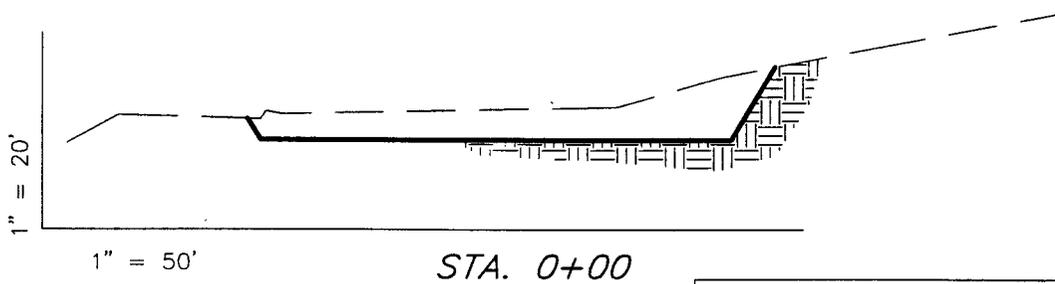
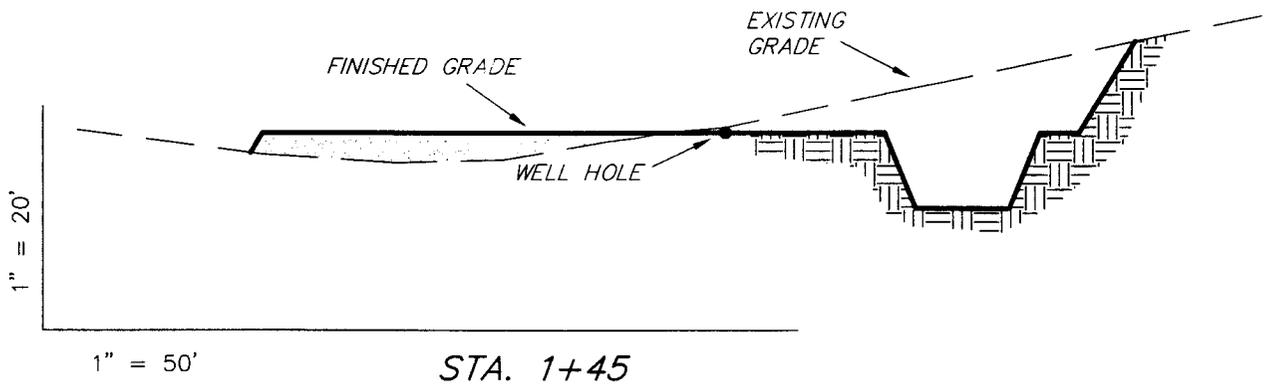
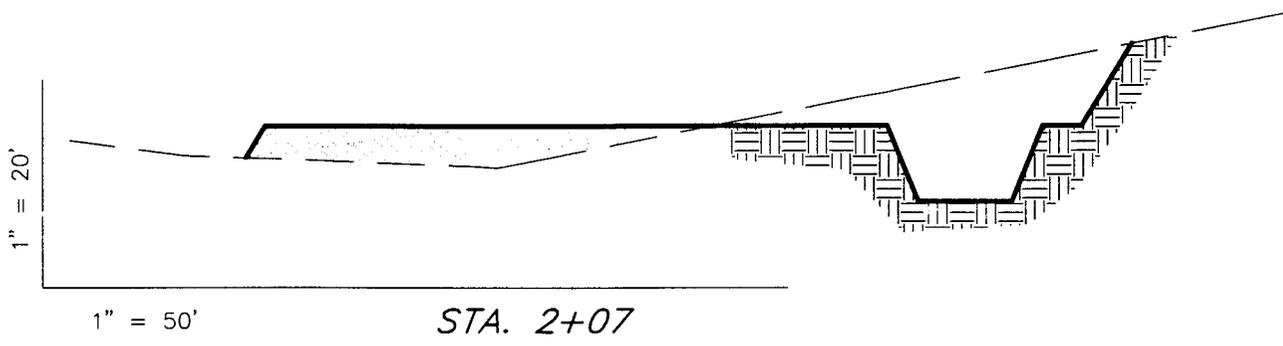
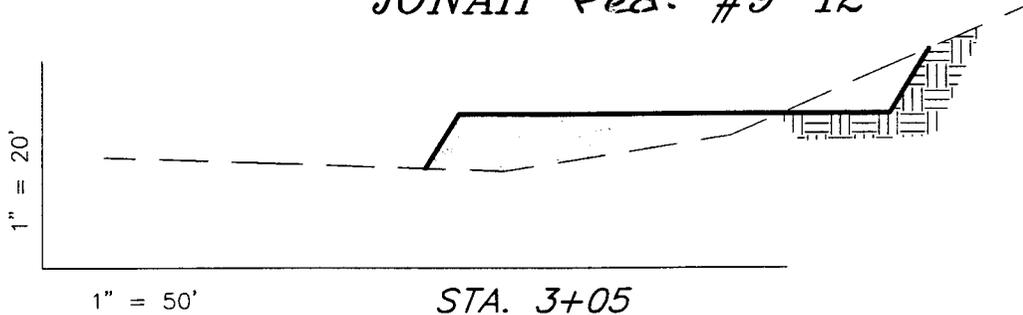
DATE: 7-29-02

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

INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH Fed. #9-12



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 | 3,550 | 3,550 | Topsoil is not included in Pad Cut | 0 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 4,190 | 3,550 | 1,010 | 640 |

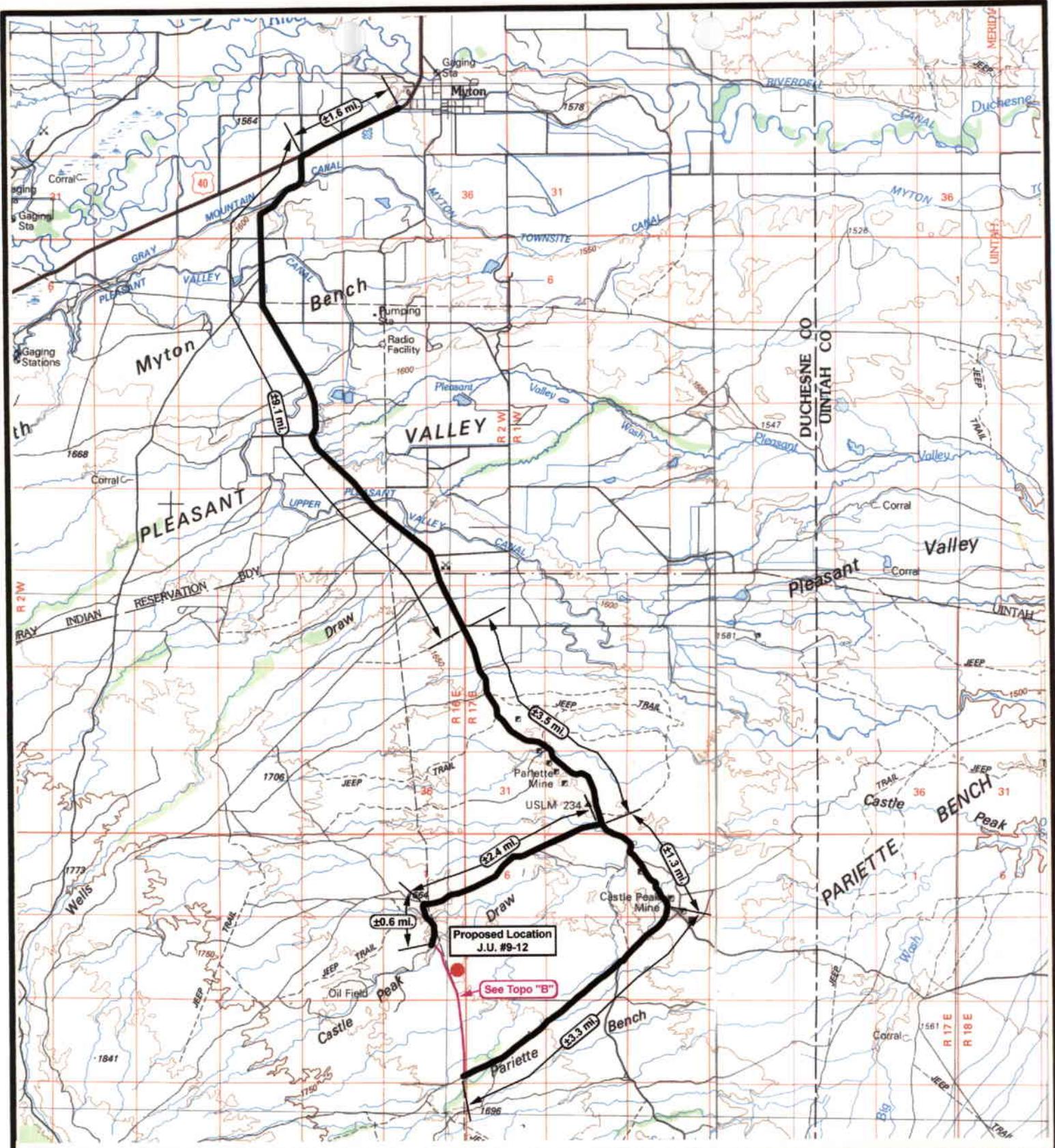
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 7-29-02

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



Jonah Fed #9-12
SEC. 12, T9S, R16E, S.L.B.&M.



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

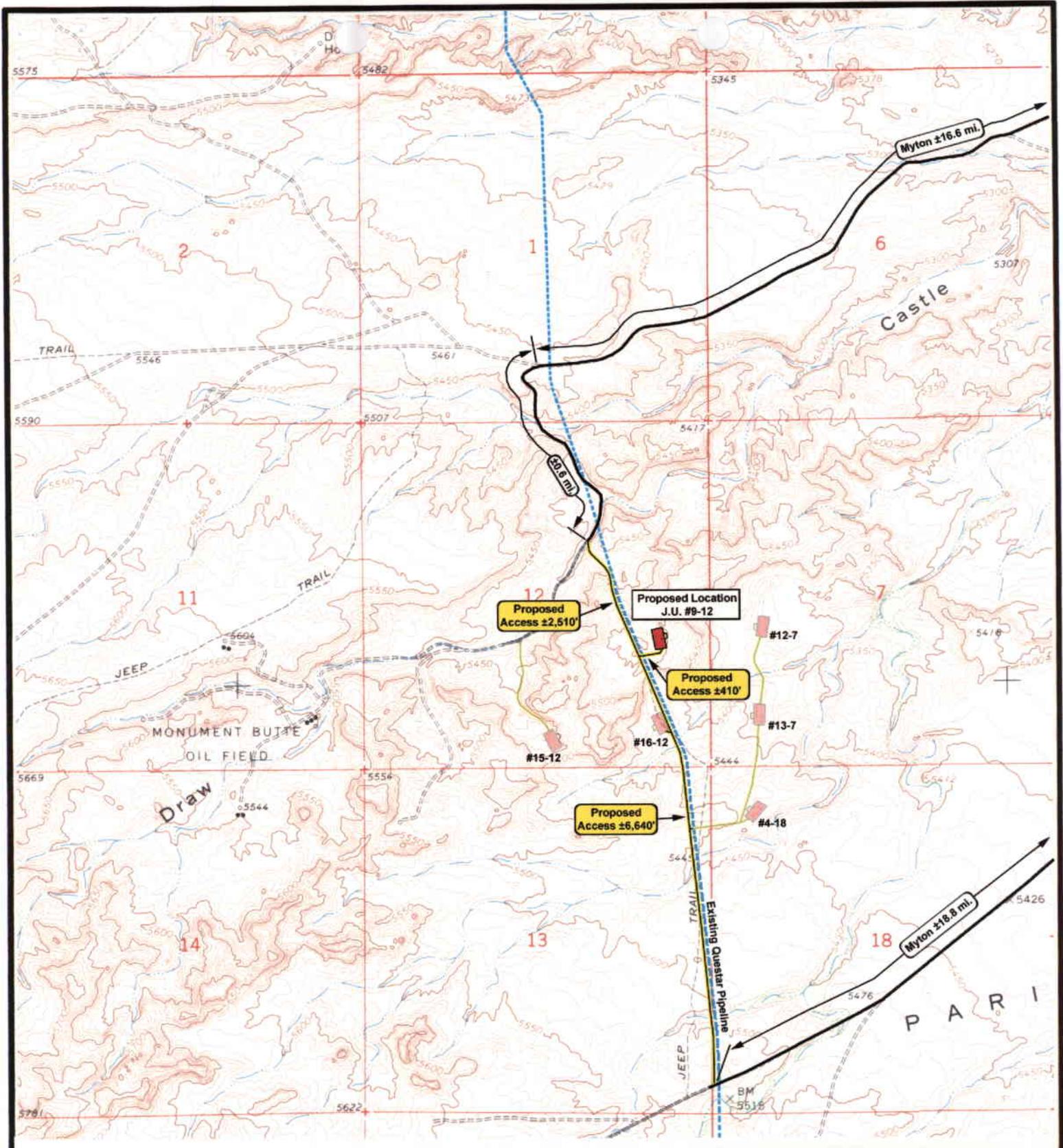
SCALE: 1 = 100,000
 DRAWN BY: R.A.B.
 DATE: 08-01-2002

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



Jonah Fed. #9-12
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" = 2000'

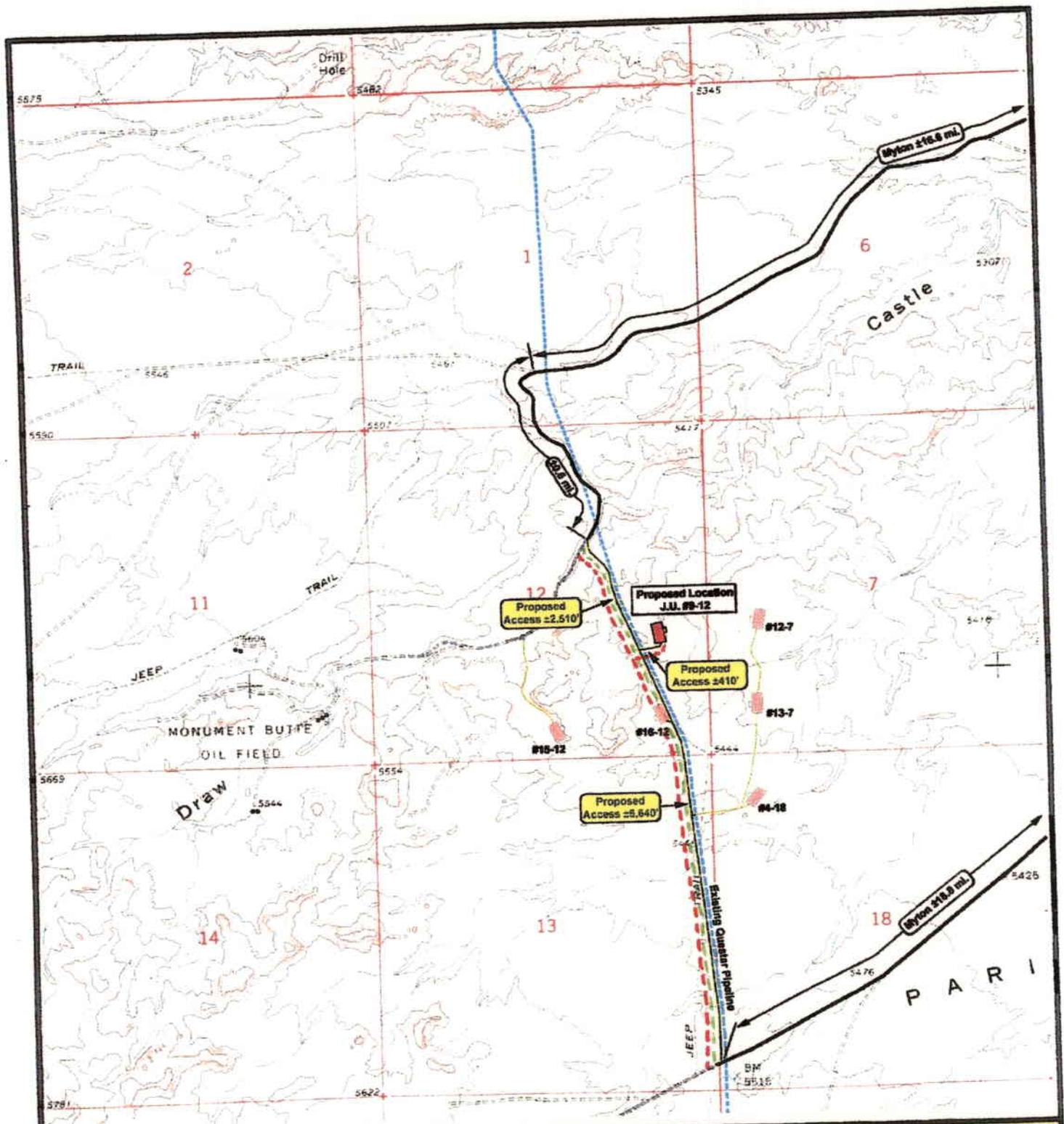
DRAWN BY: R.A.B.

DATE: 08-01-2002

| Legend | |
|--------|------------------|
| | Existing Road |
| | Proposed Access |
| | Questar Pipeline |

TOPOGRAPHIC MAP

"B"



**Jonah Unit #9-12
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" = 2000'

DRAWN BY: R.A.E.

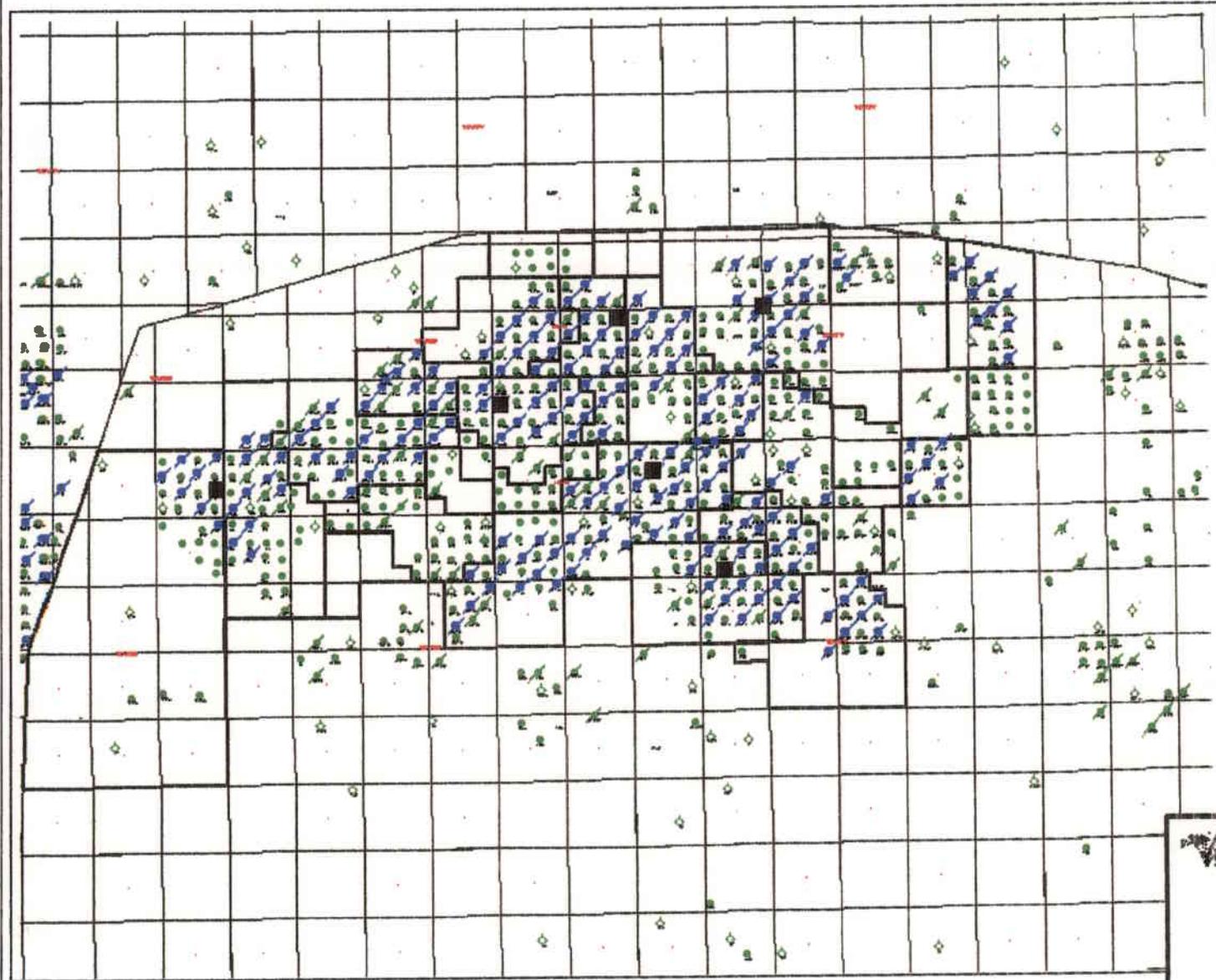
DATE: 08-01-2002

Legend

- Existing Road
- Proposed access
- Questar Pipeline
- Proposed water Line
- Proposed Gas Line

TOPOGRAPHIC MAP





- Section Blocks
- ◆ Gas Condensates
- ↙ H₂
- OIL
- ◇ DRY
- ▲ GAS
- Unit



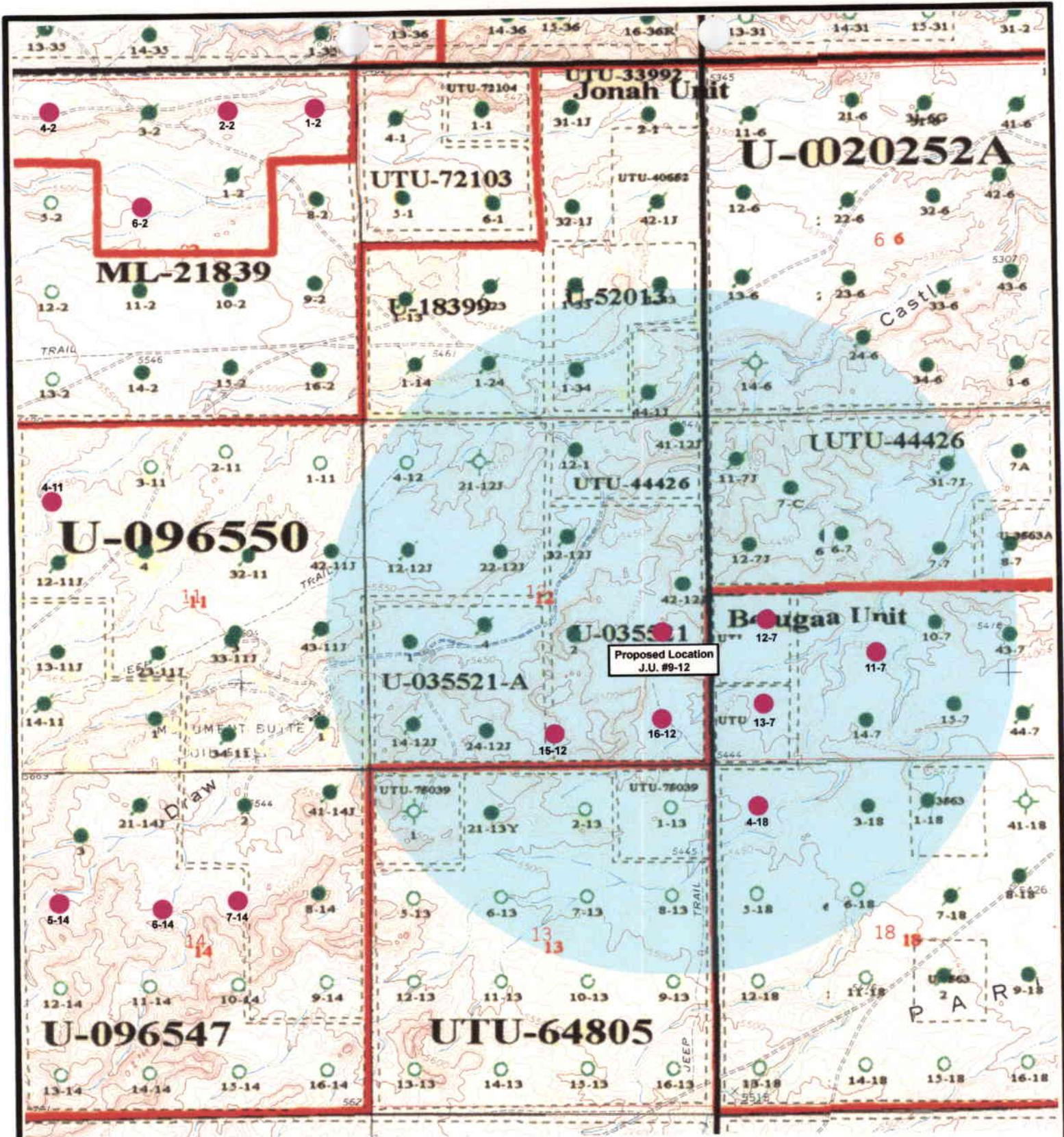
Exhibit "A"

David Land
 430 17th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 733-1122

David Land
 1100 & 14th St., L1 A11
 Downtown Denver, Colorado, USA

© 2007 David Land

1 0 1 Mile



**Jonah Fed. #9-12
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" = 2000'
DRAWN BY: R.A.B.
DATE: 08-01-2002

Legend

- Proposed Locations
- One Mile Radius

Exhibit
"B"

2-M SYSTEM

Blowout Prevention Equipment Systems

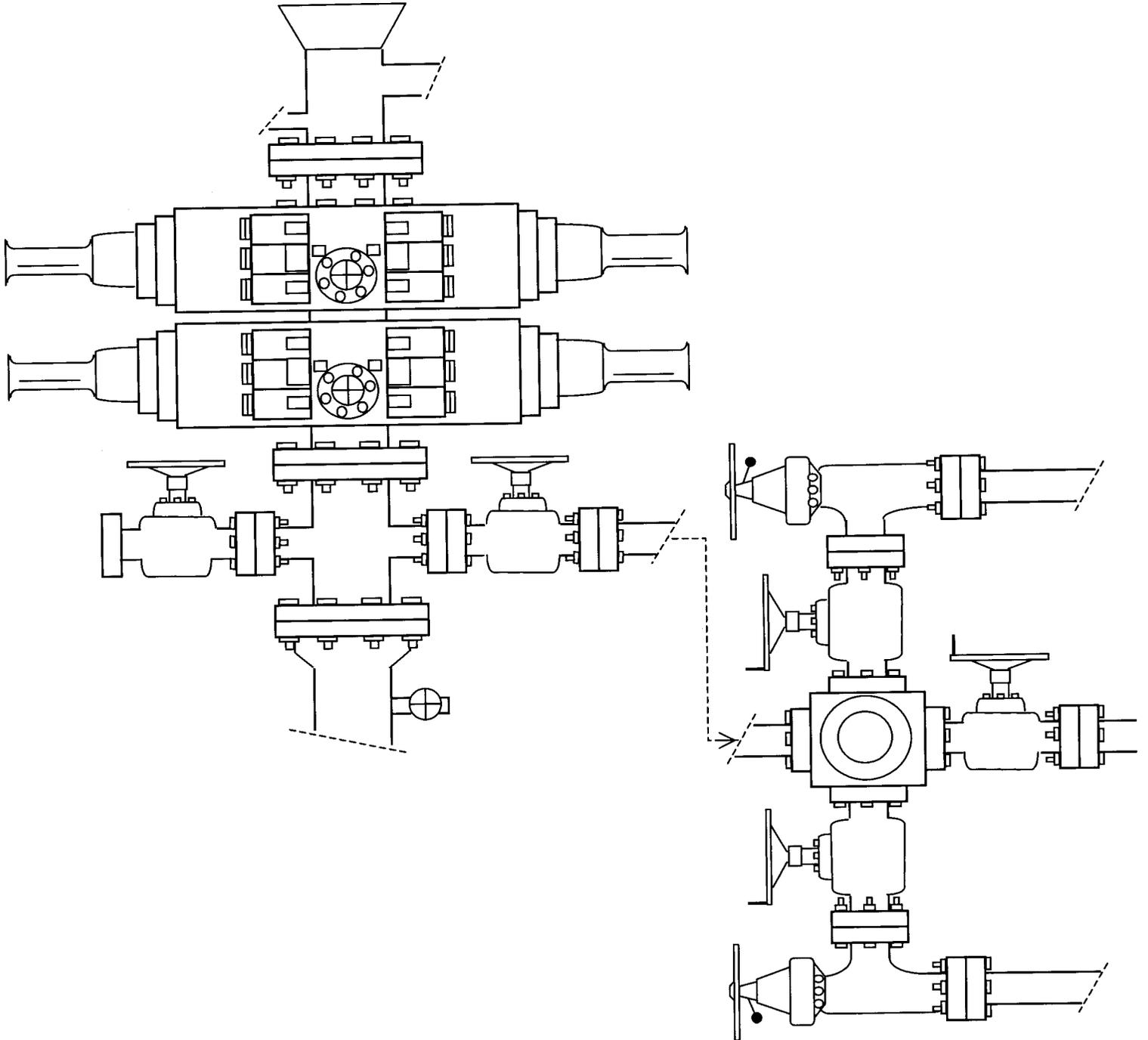


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2003

API NO. ASSIGNED: 43-013-32430

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 12 090S 160E
SURFACE: 1953 FSL 0729 FEL
BOTTOM: 1953 FSL 0729 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
PROPOSED FORMATION: GRRV

LATITUDE: 40.04350
LONGITUDE: 110.06013

RECEIVED AND/OR REVIEWED:

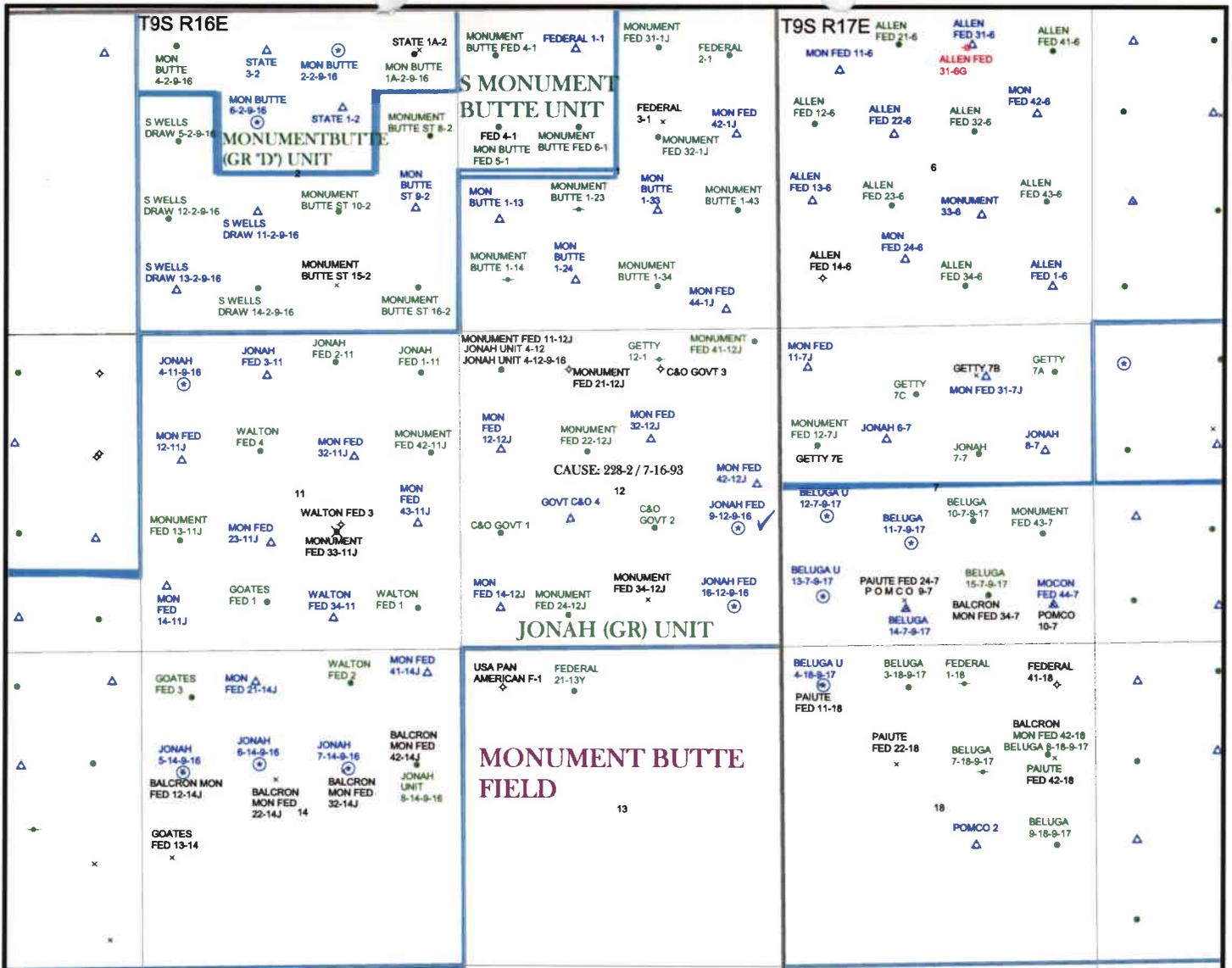
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

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: 228-2
Eff Date: 2-16-1993
Siting: Siting Per Well Agreement
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1-Federal approval



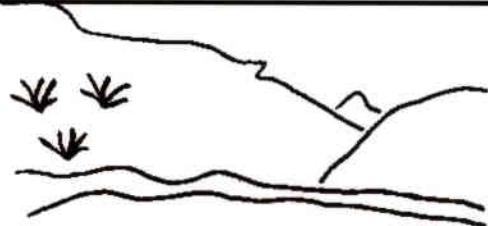
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 12 T9S, R16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993



Utah Oil Gas and Mining

WELLS

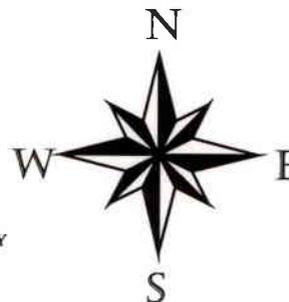
- △ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- ◊ SHUT-IN GAS
- ◊ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◇ WATER SUPPLY
- ◇ WATER DISPOSAL

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 9-12-9-16 Well, 1953' FSL, 729' FEL, NE 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 43-013-32430.

Sincerely,

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 9-12-9-16
API Number: 43-013-32430
Lease: U-035521

Location: NE 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 DEEPEN
 1b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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 9-12-9-16
 9. API WELL NO.

 10. FIELD AND POOL OR WILDCAT
Monument Butte
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/SE Sec. 12, T9S, R16E
 12. County
Duchesne
 13. STATE
UT

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 **NE/SE 1953' FSL 729' FEL**
 At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 17.8 miles south of Myton, Utah
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)
Approx. 729' f/lse line & 729' 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.)
5445' 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 Manchis Coxis TITLE Permit Clerk DATE 2/13/03

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____ **NOTICE OF APPROVAL**

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 B. Cleavage Assistant Field Manager Mineral Resources DATE 07/17/2003

RECEIVED

JUL 20 2003

DIV. OF OIL, GAS & MINING

*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.

CONDITIONS OF APPROVAL ATTACHED

03 P50314A

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

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

Lease Number: U-035521

API Number: 43-013-32430

Location: NESE 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

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: JONAH FED 9-12-9-16Api No: 43-013-32430 Lease Type: FEDERALSection 12 Township 09S Range 16E County DUCHESNEDrilling Contractor LEON ROSS RATHOLE RIG # 21**SPUDDED:**Date 08/28/03Time 4:00 PMHow 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
MIYTON, UT 84052

OPERATOR ACCT. NO. N5160

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|--------------------------|---------------|----|----|-----|----------|-----------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 11492 | 43-013-32430 | Jonah Federal #9-12-9-16 | NE/SE | 12 | 9S | 16E | Duchesne | August 28, 2003 | 9/10/2003 |

WELL 1 COMMENTS: *GPRV*

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|-------------------|---------------|----|----|-----|----------|-----------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 13870 | 43-013-32300 | Ashley 11-11-9-15 | NE/SW | 11 | 9S | 15E | Duchesne | August 28, 2003 | 9/10/2003 |

WELL 2 COMMENTS: *GPRV*

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 3 COMMENTS:

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 4 COMMENTS:

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 5 COMMENTS:

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

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

Kebble S. Jones
 Signature
 Production Clerk
 Title
 September 2, 2003
 Date

RECEIVED
 SEP 02 2003
 OIL, GAS & MINING

l
x

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

009

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 9-12-9-16

9. API Well No.
43-013-32430

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)
1953 FSL 726 FEL NE/SE Section 12, T9S R16E

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 type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other 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 permit 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 8-28-03 MIRU Ross # 21. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 315.03/ KB On 8-30-03 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 8/30/03
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

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.

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SEP 03 2003

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 315.03

LAST CASING 8 5/8" SET T 315.03
 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 Fed 9-12-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 21

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|-----------------------------|--------|---------------------------|---------|-----------------------------|--------|-------|----------------------|
| | | 43.20' sh jt' shjt | | | | | |
| | | WHI - 92 csg head | | | 8rd | A | 0.95 |
| 7 | 8 5/8" | Maverick ST&C csg | 24# | J-55 | 8rd | A | 303.18 |
| | | GUIDE shoe | | | 8rd | A | 0.9 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 305.03 |
| TOTAL LENGTH OF STRING | | 305.03 | 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 | | | 315.03 |
| TOTAL | | 303.18 | 7 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 303.18 | 7 | | | | |
| TIMING | | 1ST STAGE | | GOOD CIRC THRU JOB | | | yes |
| BEGIN RUN CSG. | | SPUD | 8/28/03 | Bbls CMT CIRC TO SURFACE | | | 4 bbls cement |
| CSG. IN HOLE | | | 12:00pm | RECIPROCATED PIPE FOR | | | THRU _____ FT STROKE |
| BEGIN CIRC | | | | DID BACK PRES. VALVE HOLD ? | | | N/A |
| BEGIN PUMP CMT | | | | BUMPED PLUG TO | | | 210 PSI |
| BEGIN DSPL. CMT | | | | | | | |
| PLUG DOWN | | Cemented | 8/30/03 | | | | |

| | | |
|-------------|------|---|
| CEMENT USED | | CEMENT COMPANY- B. J. |
| STAGE | # SX | CEMENT TYPE & ADDITIVES |
| 1 | 150 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield |
| | | |

| | |
|---|---------------------|
| CENTRALIZER & SCRATCHER PLACEMENT | SHOW MAKE & SPACING |
| Centralizers - Middle first, top second & third for 3 | RECEIVED |
| | SEP 03 2003 |

COMPANY REPRESENTATIVE Ray Herrera DATE 8/30/03

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

010

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) 1953 FSL, 729 FEL NE/SE Section 12 T9S R16E | | 8. Well Name and No. JONAH FEDERAL 9-12-9-16 |
| | | 9. API Well No. 4301332430 |
| | | 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 _____ Weekly Status Report |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is 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 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 re 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 requirement including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 07/08/04 – 07/15/04

Subject well had completion procedures initiated in the Green River formation on 07/08/04 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perf intervals were #1 (5495-5505') (4 JSPF); #2 (5112-5128') (4 JSPF); #3 (4926-4936') (4 JSPF); #4 (4793-4804') (4 JSPF); #5 (4637-4643') (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 07/10/04. Bridge plugs were drilled out. Well was cleaned out to PBD @ 5937'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5572.20'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 7/15/04.

RECEIVED

JUL 20 2004

DIV. OF OIL, GAS & MINING

| | |
|---|---------------------------|
| I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Marnie Bryson | Title Production Clerk |
| Signature <i>Marnie Bryson</i> | Date 7/19/2004 |

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 | Date |
| | Office | |

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

011

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.
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 9-12-9-16

9. API Well No.
4301332430

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
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)
1953 FSL, 729 FEL
NE/SE Section 12 T9S R16E

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

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

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

**RECEIVED
AUG 05 2004**

(See other instructions on reverse side)

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

012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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 9-12-9-16

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

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 1953' FSL & 729' FEL (NE SE) Sec. 12, T9S, R16E
At top prod. Interval reported below

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 12, T9S, R16E

At total depth

14. API NO. 43-013-32430 DATE ISSUED 2/19/2003

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPURRED 8/28/2003 16. DATE T.D. REACHED 6/29/2004 17. DATE COMPL. (Ready to prod.) 7/15/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5445' GL 5457' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6004' 21. PLUG BACK T.D., MD & TVD 5937' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4637'-5505'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 315' | 12-1/4" | To surface with 150 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 5966' | 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 @ 5572' | TA @ 5442' |

| 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 | |
| (PC1) 5495'-5505' | .41" | 4/40 | 5495'-5505' | Frac w/ 24,064# 20/40 sand in 289 bbls fluid. | |
| (A3) 5112'-5128' | .41" | 4/64 | 5112'-5128' | Frac w/ 55,197# 20/40 sand in 445 bbls fluid. | |
| (B2) 4926'-4936' | .41" | 4/40 | 4926'-4936' | Frac w/ 66,157# 20/40 sand in 513 bbls fluid. | |
| (C-sd) 4793'-4804' | .41" | 4/44 | 4793'-4804' | Frac w/ 32,557# 20/40 sand in 344 bbls fluid. | |
| (D1) 4637'-4643' | .41" | 4/24 | 4637'-4643' | Frac w/ 19,333# 20/40 sand in 244 bbls fluid. | |

33.* PRODUCTION

| | | | | | | | |
|---------------------------------|---|--|----------------------------|--------------|--------------|-------------------------|-------------------|
| DATE FIRST PRODUCTION 7/15/2004 | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | WELL STATUS (Producing or shut-in) PRODUCING | | | | | |
| DATE OF TEST 10 day ave | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD --> | OIL--BBL. 73 | GAS--MCF. 34 | WATER--BBL. 6 | GAS-OIL RATIO 466 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE --> | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |

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

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 DIV OF DATE 8/19/2004

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

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS | | |
|---|-----------|-----|--------|------------------------------|-----------------------|-------------|------------------|
| | | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Well Name Jonah 9-12-9-16 | Garden Gulch Mkr | 3602' | |
| | | | | | Garden Gulch 1 | 3810' | |
| | | | | | Garden Gulch 2 | 3924' | |
| | | | | | Point 3 Mkr | 4182' | |
| | | | | | X Mkr | 4439' | |
| | | | | | Y-Mkr | 4474' | |
| | | | | | Douglas Creek Mkr | 4598' | |
| | | | | | BiCarbonate Mkr | 4841' | |
| | | | | | B Limestone Mkr | 4964' | |
| | | | | | Castle Peak | 5333' | |
| | | | | | Basal Carbonate | 5874' | |
| | | | | | Total Depth (LOGGERS) | 6005' | |

Inland Resources Inc.

August 19, 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

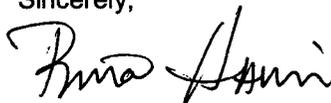
Jonah 9-12-9-16 (43-013-32430)
Duchesne County, Utah

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

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

RECEIVED
AUG 23 2004

DIV OF OIL & GAS



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 |

013 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 |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |

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 9-12-9-16 | |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013324300000 | |
| 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: 1953 FSL 0729 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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: 9/26/2011 <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 2:00 PM on 09/26/2011. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY | | |
| 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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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

9. API NUMBER:
43013324300000

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:
1953 FSL 0729 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE 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: 9/26/2011 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> OTHER | OTHER: <input type="text" value="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 2:00 PM on 09/26/2011.

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

NAME (PLEASE PRINT)
Lucy Chavez-Naupoto

PHONE NUMBER
435 646-4874

TITLE
Water Services Technician

SIGNATURE
N/A

DATE
9/27/2011

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

Jonah Federal 9-12-9-16

Injection 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

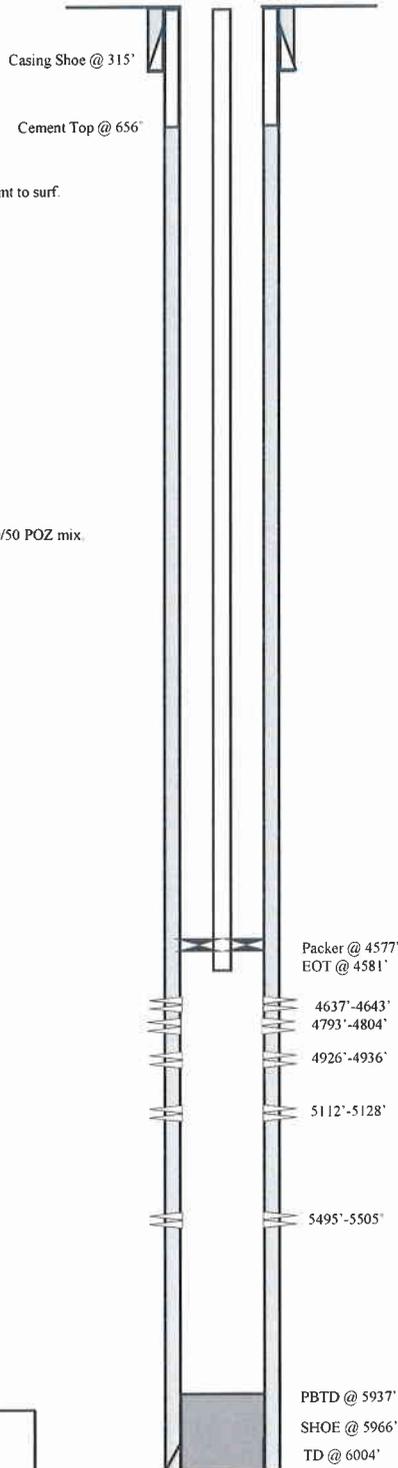
SIZE/GRADE/WT: 2-7/8" / J-55 6.5#
 NO. OF JOINTS: 145 jts (4552.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4572.5' KB
 CE @ 4576.85'
 TOTAL STRING LENGTH: EOT @ 4581' W/12' KB

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. |
| 5/12/11 | | Convert to Injection well |
| 5/18/11 | | Conversion MIT Finalized |

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



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 9-12-9-16
Location: Section 12, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32430
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 17, 2010.
2. Maximum Allowable Injection Pressure: 1,889 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,560' – 6,001')
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



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

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332430

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: 1953 FSL, 729 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/18/2011 | <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 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 | |

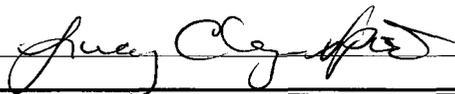
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 05/12/2011. 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 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/20/2011

(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.

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 9-12-9-16

9. API Well No.
4301332430

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)
1953 FSL, 729 FEL
NESE Section 12 T9S R16E

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

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

The subject well has been converted from a producing oil well to an injection well on 05/12/2011. 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 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

| | |
|--|------------------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto | Title Water Services Technician |
| Signature  | Date 05/20/2011 |

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 10:00 am pm

Test Conducted by: Cole Harris

Others Present: Kevin Powell

| | |
|---|------------------------------|
| Well: <u>Jonah 9-12-9-16</u> | Field: <u>MONUMENT BUTTE</u> |
| Well Location: <u>NE 1/4 Sec. 12, T9S, R16E</u> | API No: <u>43-013-32930</u> |
| <u>Duchesne County Utah</u> | |

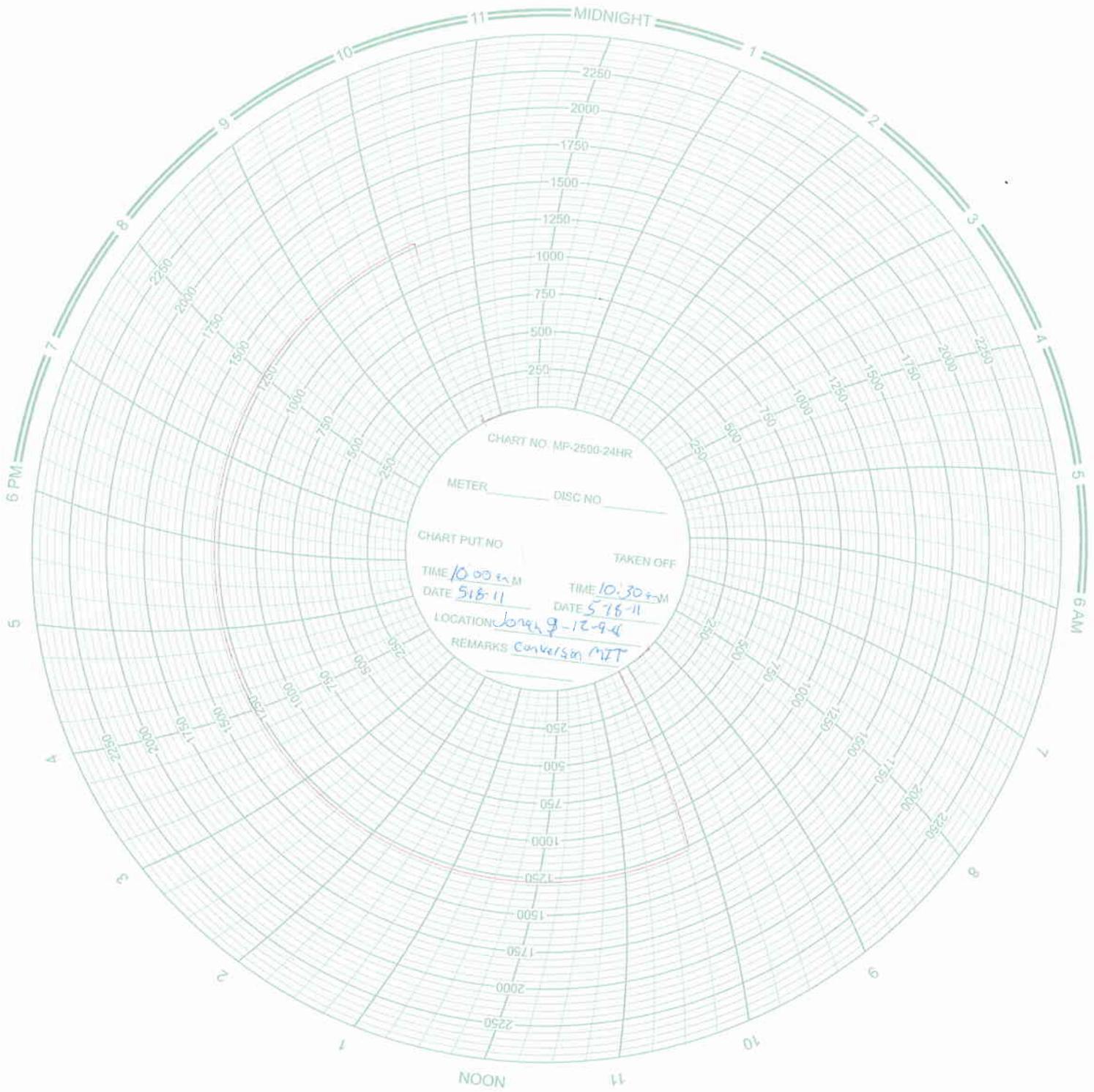
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1275</u> | psig |
| 5 | <u>1275</u> | psig |
| 10 | <u>1275</u> | psig |
| 15 | <u>1275</u> | psig |
| 20 | <u>1275</u> | psig |
| 25 | <u>1275</u> | psig |
| 30 min | <u>1275</u> | psig |
| 35 | _____ | 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: [Signature]



Daily Activity Report**Format For Sundry****JONAH 9-12-9-16****3/1/2011 To 7/30/2011****5/16/2011 Day: 2****Conversion**

WWS #1 on 5/16/2011 - TOO H w/ tbg. TIH w/ PKR & tbg detail. Test tbg & csg. RDMOSU WWS #1 - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLs - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLs - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve.

POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLS - Open well. Flush tbg w/40 bw @ 250°. TOOH w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOOH laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLS **Finalized**

Daily Cost: \$0

Cumulative Cost: \$41,155

5/19/2011 Day: 3

Conversion

Rigless on 5/19/2011 - Conversion MIT - On 5/11/2011 Dennis Ingram with the state of Utah DOGM was contacted concerning the conversion MIT on the above Listed well (Jonah 9-12-9-16). On 5/18/2011 the csg was pressured up to 1275 psi and charted for 30 min. with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psi during the test. There was not a state representative available to witness the test. API# 43-013-32430 - On 5/11/2011 Dennis Ingram with the state of Utah DOGM was contacted concerning the conversion MIT on the above Listed well (Jonah 9-12-9-16). On 5/18/2011 the csg was pressured up to 1275 psi and charted for 30 min. with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psi during the test. There was not a state representative available to witness the test. API# 43-013-32430 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$66,475

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

August 17, 2010

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

Subject: Greater Monument Butte Unit Well: Jonah Federal 9-12-9-16, Section 12, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah API # 43-013-32430

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 4,560 feet in the Jonah Federal 9-12-9-16 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,


Randy Thackeray
Acting Associate Director

RMT/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\Newfield

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



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

Applicant: Newfield Production Company **Well:** Jonah Federal 9-12-9-16
Location: 12/9S/16E **API:** 43-013-32430

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

Well Integrity: The proposed well has surface casing set at 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,966 feet. A cement bond log demonstrates adequate bond in this well up to 3,534 feet. A 2 7/8 inch tubing with a packer will be set at 4,587 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. One of those producing wells has a surface location inside the AOR, but the bottom hole location is slightly outside the AOR. In addition, there is 1 recently completed producing well directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR. Three wells in the AOR appear to demonstrate inadequate cement for the proposed injection interval. Most notable is the Monument Federal 12-7J-9-17 well (API # 43-013-31493), located approximately 1/3 mile northeast of the proposed injection well. The CBL (6/19/1965) demonstrates adequate cement only up to about 4,510 feet depth. Secondly, the CBL (7/11/1965) for the C&O Govt 2-12-9-16 well (API # 43-013-15112), located about ¼ mile east of the proposed injection well, demonstrates adequate cement bond only up to about 4,350 feet depth. Lastly, but significantly, the CBL (6/27/1995) for the Monument Federal 42-12J-9-16 well (API # 43-013-31486), an active injection well located only about 800 feet 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 800 feet. The requested injection interval is between 3,924 feet and 6,001 feet in the Green River Formation. However, referring to the discussion in the previous paragraph, there are three wells in the AOR which present problems

Jonah Federal 9-12-9-16

page 2

with respect to the requested interval. The most limiting is the Monument Federal 12-7J-9-17 well (43-013-31493), with an acceptable cement top at about 4,510 feet. This cement top correlates to a depth of about 4,460 feet in the Jonah Federal 9-12-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,560 feet in the Jonah Federal 9-12-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 9-12-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,889 psig. The requested maximum pressure is 1,889 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 8/16/2010



*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

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

The Salt Lake Tribune
WWW.SLTTRIB.COM

MEDIA One
OF UTAH
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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
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 pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, a 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
/s/ Brad Hill
Brad Hill
Permitting Manager

596935

UPAXLP

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

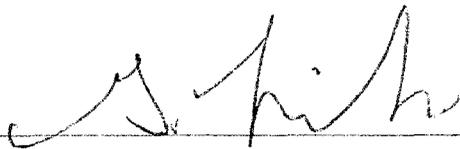
Virgina Craft
Notary Public State of Utah
Commission # 581465
My Commission Expires
January 11, 2014

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.

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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, 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

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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

/s/

Brad Hill

Permitting Manager

Published in the Uintah
Basin Standard July 13,
2010.



Send Payments to:
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 Roosevelt, Utah 84066
 Phone: 435-722-5131
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 www.ubstandard.com
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| | | | |
|----------------|------|----------------|-----------|
| Invoice Number | 2681 | Invoice Date | 7/13/2010 |
| Advertiser No. | 2080 | Invoice Amount | \$119.20 |
| | | Due Date | 8/12/2010 |

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

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 JUL 15 2010
 DIV. OF OIL, GAS & MINING

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 Uintah Basin Standard | | \$0.00 | \$119.20 | |
| 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-AOM/GF10/6131

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

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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

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PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



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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
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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

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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





May 20, 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 #9-12-9-16
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 #9-12-9-16 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,

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

Eric Sundberg
Regulatory Lead

RECEIVED
JUN 03 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

JONAH FEDERAL #9-12-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-035521

May 20, 2010

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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

Proposed Injection 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

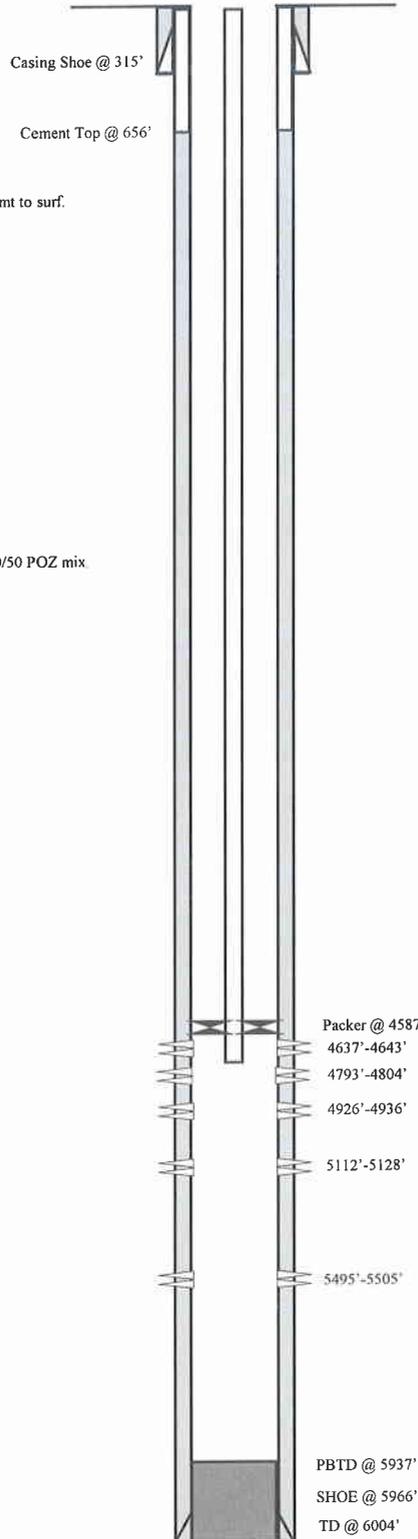
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (5968.45')
 DEPTH LANDED: 5966.45' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ mix
 CEMENT TOP AT: 656'

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

FRAC JOB

| | | |
|--------|-------------|---|
| 7/8/04 | 5495'-5505' | Frac CP1 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

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 #9-12-9-16 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 #9-12-9-16 well, the proposed injection zone is from Garden Gulch to Wasatch (3924' -6001'). 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 3601' and the TD is at 6004'.

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

The referenced log for the Jonah Federal #9-12-9-16 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 315' KB, and 5-1/2", 15.5# casing run from surface to 5966' 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 1889 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 #9-12-9-16, for existing perforations (4637' - 5505') calculates at 0.83 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 1889 psig. We may add additional perforations between 3601' and 6001'. 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 #9-12-9-16, the proposed injection zone (3924' - 6001') 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-12.

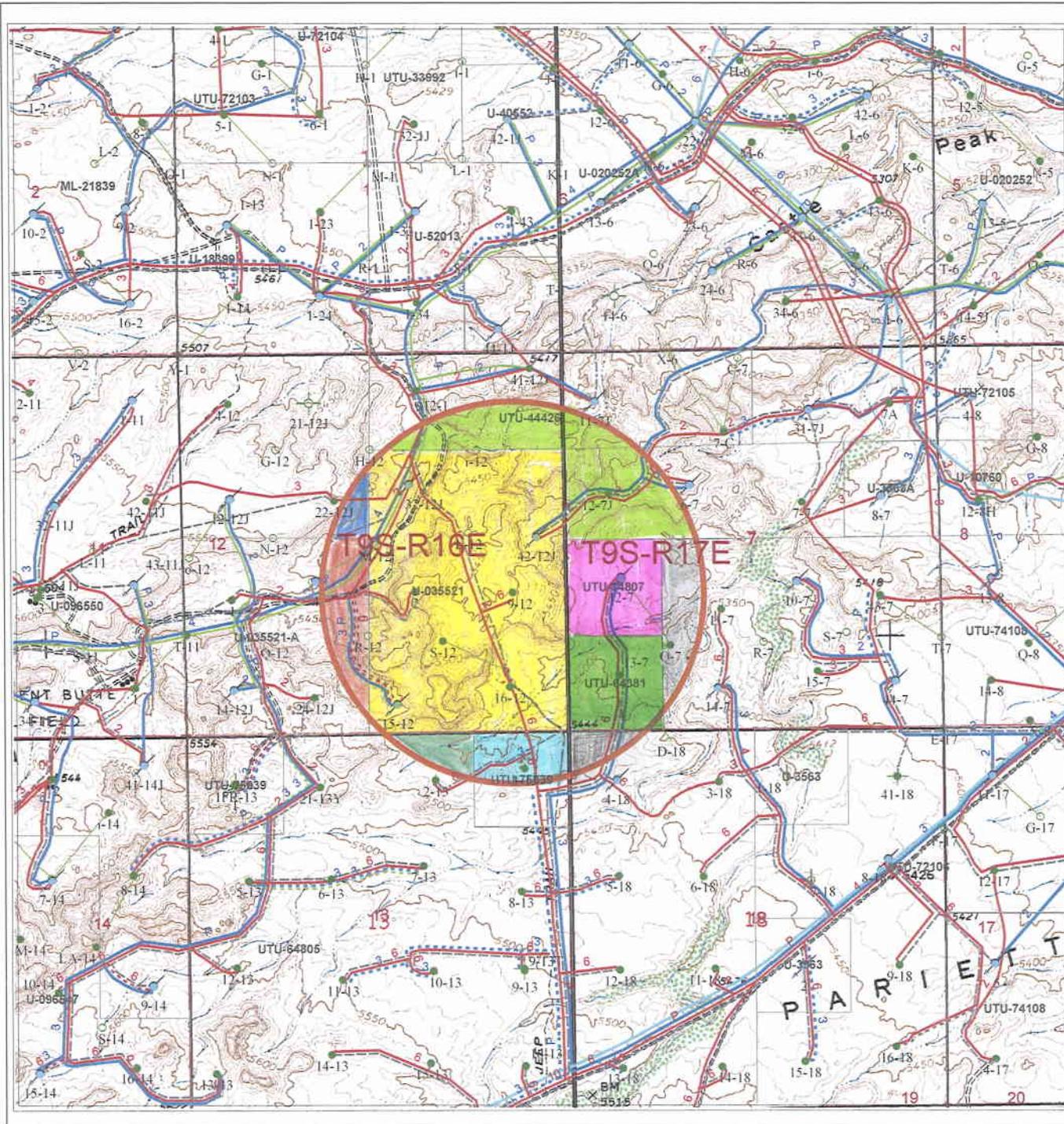
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Leases

- Mining tracts

Gas Pipelines

- Gathering lines
- ⋯ Proposed lines
- ⊕ 9-12-9-16 1/2mile radius

- UTU-035521
- UTU-096550
- UTU-035521-A
- UTU-64805
- UTU-75039
- UTU-72106
- UTU-64381
- UTU-74807
- UTU-44426

Attachment A

Jonah Federal 9-12-9-16
Section 12, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

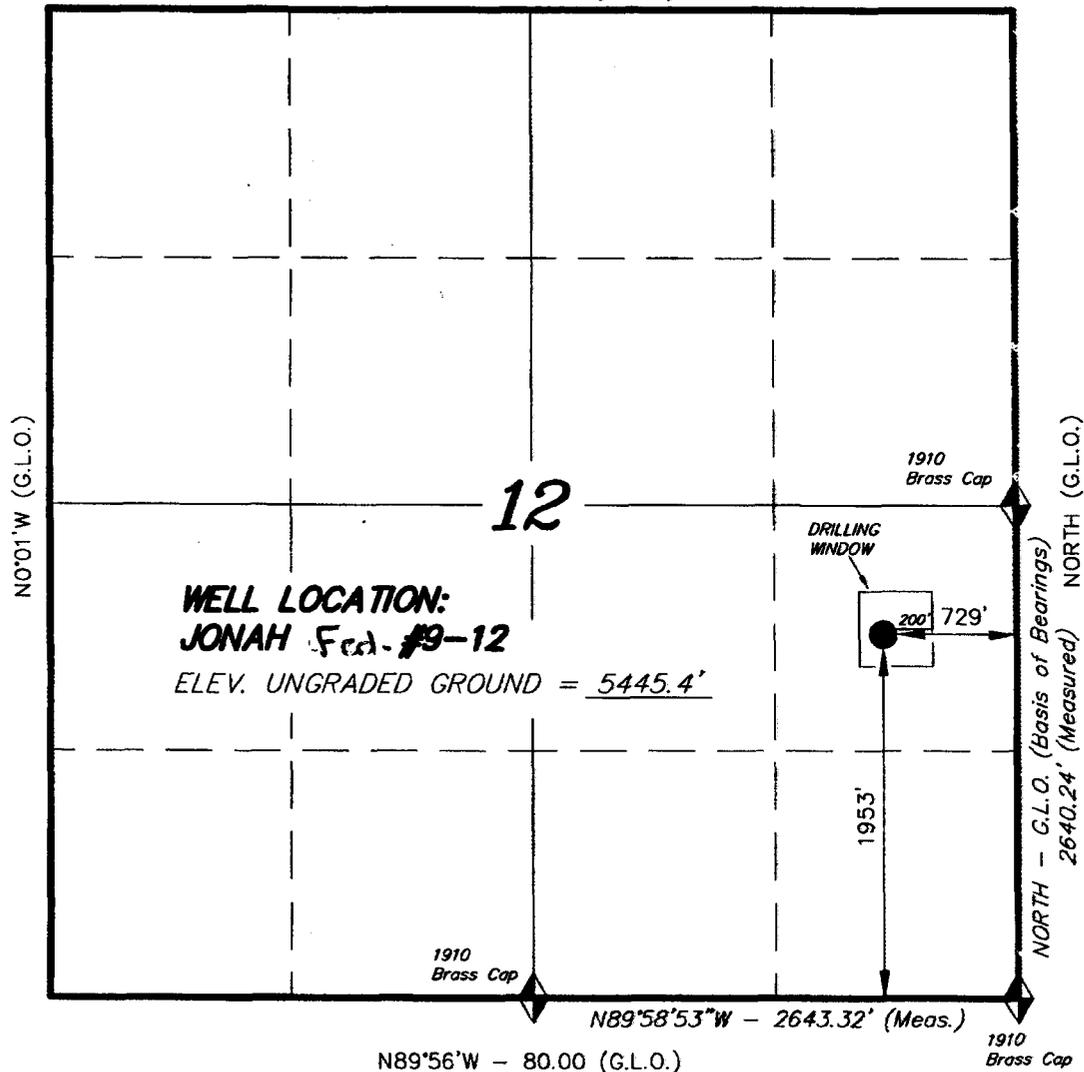
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

February 24, 2010

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

INLAND PRODUCTION COMPANY

N89°58'W - 79.92 (G.L.O.)



WELL LOCATION, JONAH Fed. #9-12,
 LOCATED AS SHOWN IN THE NE 1/4 SE
 1/4 OF SECTION 12, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



N0°01'W (G.L.O.)

12

WELL LOCATION:
JONAH Fed. #9-12
 ELEV. UNGRADED GROUND = 5445.4'

DRILLING WINDOW

1910 Brass Cap

NORTH - G.L.O. (Basis of Bearings)
 2640.24' (Measured)

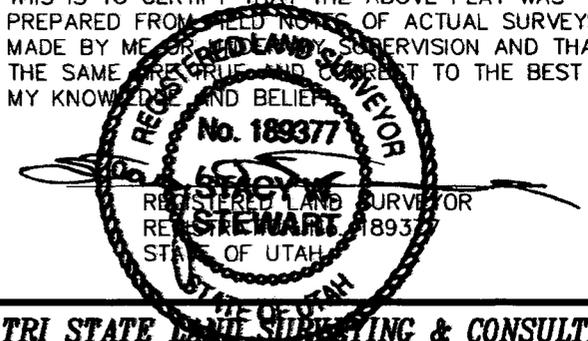
1953'

N89°58'53"W - 2643.32' (Meas.)

N89°56'W - 80.00 (G.L.O.)

1910 Brass Cap

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: K.G.S. |
| DATE: 7-29-02 | DRAWN BY: 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 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE | USA UTU-096550 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 3 | <u>Township 9 South, Range 16 East SLM</u> Section 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 |
| 4 | <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 |

EXHIBIT B

| # | Legal Description | Lessor & Expiration | Lessee & Operating Rights | Surface Owner |
|---|--|-------------------------|--|---------------|
| 5 | <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 |
| 6 | <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 |
| 7 | <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 |
| 8 | <u>Township 9 South, Range 17 East SLM</u> Section 7: Lot 3 | USA UTU-74807 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 9 | <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 #9-12-9-16

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: *Eric Sundberg*
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 21st day of May, 2010.

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

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



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: BOT @ 5572.20' W/12' KB

SUCKER RODS

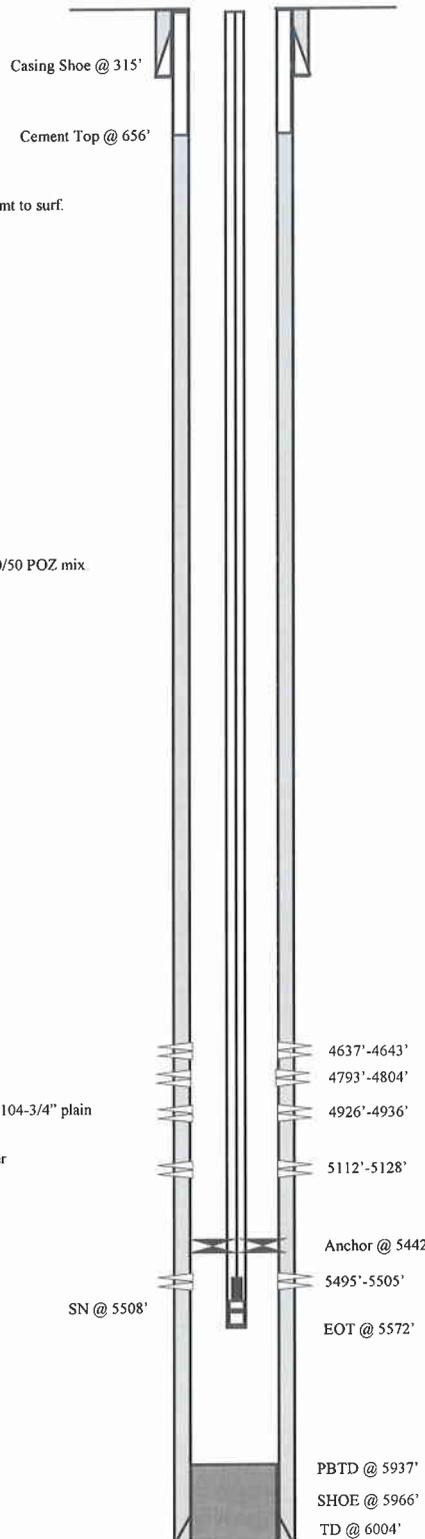
POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 6-1 1/2" weight rods, 10-3/4" scraped rods, 104-3/4" plain rods, 100-3/4" scraped rods, 1-8' & 1-2' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DIGL/SP/GR/CAL

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

Balcron Monument Federal #32-12j

Elev. @ GL = 5417', KB = 5427' (10' KB)

Injection Wellbore Diagram

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 255.30'.
 Hole size @ 12-1/4".
 Depth Landed @ 263' KB
 Cemented w/160 sacks "G" w/
 2% CCL & 1/4 lbs/sack Celoflakes.
 Cemented to surface.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5787.96'.
 Hole size @ 7-7/8".
 Depth Landed @ 5796.96' KB
 Cemented w/238 sacks Thrifty-Lite and
 tailed w/250 sacks 50-50 POZ.
 Cement top @ 933' per CBL

TUBING

2-7/8", 6.5#, J-55
 152 jnts @ 4753.5'
 SN @ 2-7/8" x 1.10" (2.25" ID)
 Perf Sub @ 2-7/8" x 3'
 TA @ 2-1/2"x5-1/2"x2.35'
 MA @ 2-7/8"x 31.10'
 Total string length @ 5018.94' KB
 SN landed @ 4984.64' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 198 - 3/4" x 25' D-61 Plain Rods

Pump size @ 2-1/2"x1-1/2"x16' RWAC
 w/PA plunger.

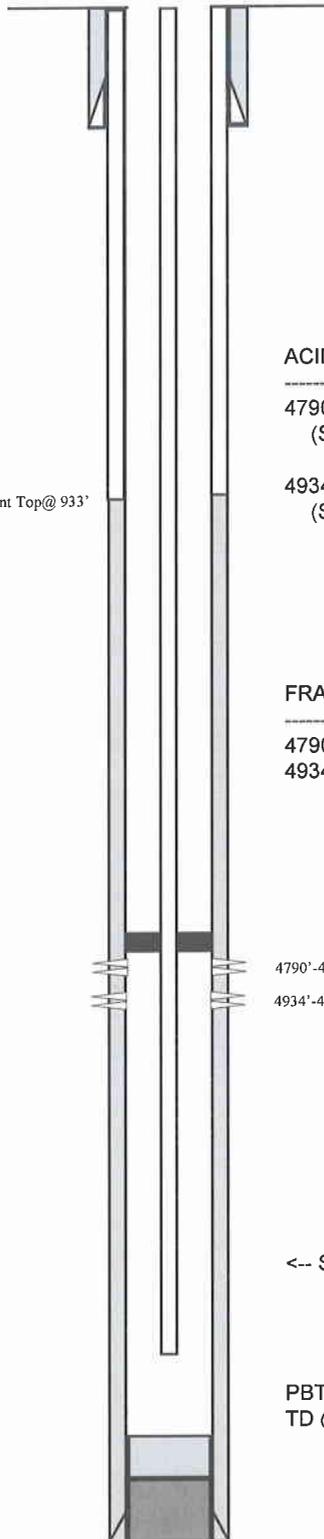
Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-8

Ajax Engine Model E-42

Tanks - 2 @ 12'x20' (400 bbl)

Cement Top@ 933'



ACID/BREAKDOWN JOBS

4790'-4798' KB - 4-18-94 by Western w/500 gals
 (Stage #1) 15% HCL acid. ISIP 950 psi.
 4934'-4938' KB - 4-18-94 by Western w/500 gals
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

FRAC JOBS

4790'-4798' KB & 4-18-94 by Western w/37,340#
 4934'-4938' KB - 16/30 mesh sand in 18,388 gals
 2% KCL gelled wtr. ATP 2700 psi,
 max 2990 psi. ATR 30 BPM,
 max 30.4 BPM. ISIP 1850 psi,
 5 min 1680 psi, 10 min 1560 psi,
 & 15 min 1500 psi.

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

4790'-4798' red 5 sds

4934'-4938' green 1 sds

<-- SN landed @ 4984.64' KB

PBTD @ 5751.65' KB
 TD @ 5,800' KB

NEWFIELD

BALCRON MONUMENT FEDERAL #32-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521
 SW NE Section 12, T9S, R16E
 Duchesne County, Utah

Balcron Monument Federal #12-7J-9-17

Spud Date: 6/2/1995
Put on Production: 7/5/1995

GL: 5438' KB: 5448'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (262.75')
DEPTH LANDED: 271'
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: 132 jts. (5709.04')
DEPTH LANDED: 5703'
HOLE SIZE: 7-7/8"
CEMENT DATA: 160 sxs Super "G" cmt + 204 sxs 50/50 POZ.
CEMENT TOP AT: 1700' per CBL

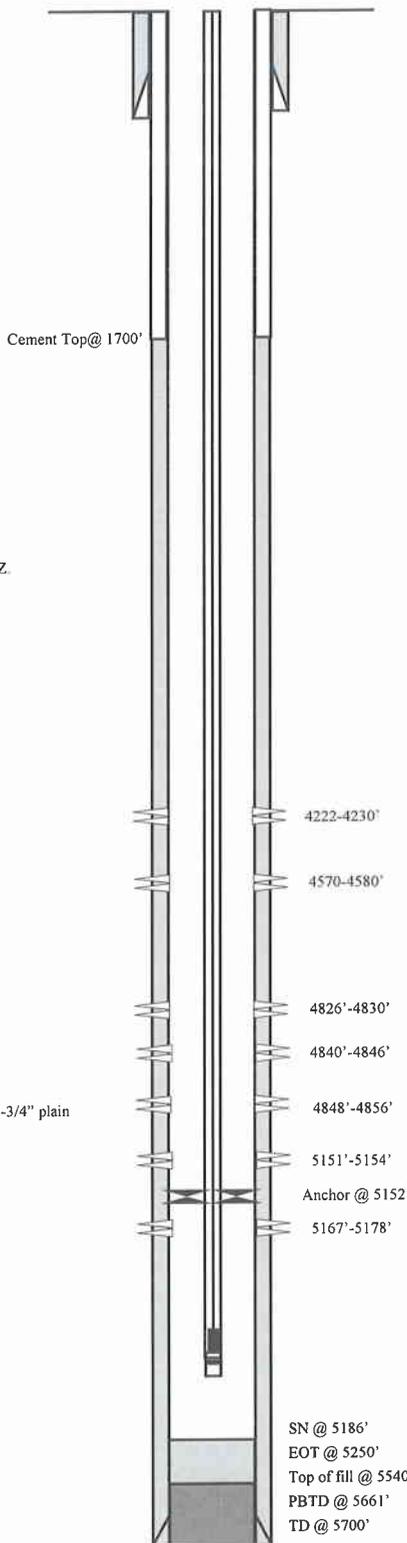
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 164 jts (5142.16')
TUBING ANCHOR: 5152.16'
NO OF JOINTS: 1 jts (30.90')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5185.86' KB
NO OF JOINTS: 2 jts (62.95')
TOTAL STRING LENGTH: EOT @ 5250.36'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1 1/2" weight rods; 11-3/4" scraped rods, 100-3/4" plain rods, 90-3/4" scraped rods, 2-2", 2-4", 1-6" x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5.5 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 59.7BOPD,
NM MCFD, 25 BWPD

FRAC JOB

6/20/95 5151'-5178' **Frac zone as follows:**
18,920# 20/40 sand + 29,760# 16/30 sand in 385 bbls frac fluid. Treated @ avg press of 2400 psi w/avg rate of 34.5 BPM. ISIP 2500 psi. Calc flush: 5151 gal. Actual flush: 5109 gal.

6/22/95 4826'-4856' **Frac zone as follows:**
63,500# 16/30 sand in 443 bbls frac fluid. Treated @ avg press of 3400 psi w/avg rate of 31.8 BPM. ISIP 4500 psi. Calc flush: 4826 gal. Actual flush: 4784 gal.

10/27/01
1/15/02 Tubing leak Update rod and tubing details.
Pump change Update rod details.

07/26/06 **Recompletion Update rod & Tubing details with new Fracs.**

07/27/06 4570-4580' **Frac DS2 Sands as follows:**
14918# 16/30 sand in 171 bbls of Lighting 17 frac fluid. Treated @ avg press of 3166 psi w/avg rate of 14.4 BPM. ISIP 2275 psi. Calc. flush: 2131 gal. Actual flush: 1134 gal.

07/27/06 4222-4230' **Frac GB6 Sands as follows:**
29396# 16/30 sand in 272 bbls of Lighting 17 frac fluid. Treated @ avg press of 3338 psi w/avg rate of 14.3 BPM. ISIP 2025 psi. Calc. flush: 1305 gal. Actual flush: 1050 gal.

PERFORATION RECORD

| | | | |
|----------|-------------|--------|----------|
| 6/19/95 | 5167'-5178' | 4 JSPF | 44 holes |
| 6/19/95 | 5151'-5154' | 4 JSPF | 12 holes |
| 6/22/95 | 4848'-4856' | 4 JSPF | 32 holes |
| 6/22/95 | 4840'-4846' | 4 JSPF | 24 holes |
| 6/22/95 | 4826'-4830' | 4 JSPF | 16 holes |
| 07/26/06 | 4570-4580' | 4 JSPF | 40 holes |
| 07/26/06 | 4222-4230' | 4 JSPF | 32 holes |

NEWFIELD

Balcron Monument Fed. #12-7J-9-17
1965' FNL & 620' FWL
SWNW Section 12-T9S-R17E
Duchesne Co, Utah
API #43-013-31493; Lease #U-44426

Balcron Monument Federal #42-12j

Wellbore Diagram

Elev.GR - 5474.4' GL
Elev.KB - 5484' KB (10' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (264.2 ft)
DEPTH LANDED: 274.20' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs class "G" + 2% CaCl
+ 1/4 #/sk cello-seal

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts (5690.02 ft)
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 (per CBL)

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 165 jts (5172.15 ft)
TUBING ANCHOR: 2.80' @ 5182.15' KB
NO. OF JOINTS: 1 jts (31.35 ft)
SEATING NIPPLE: 2-7/8" (1.10 ft)

MUD ANCHOR: 2-7/8" x 31.22'

TOTAL STRING LENGTH: (EOT @ 5248.62' KB)
SN LANDED AT: 5216.30' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22' SM
SUCKER RODS: one - 3/4" x 4' pony
207 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 5195.5 ft

PUMP NUMBER: Axelson N35
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
w/ SM plunger

STROKE LENGTH: 86 in
PUMP SPEED, SPM: 5 SPM
PUMPING UNIT SIZE: LUFKIN 320-246L-86
PRIME MOVER: AJAX E-42

ACID JOB /BREAKDOWN

6/27/95 5144' - 5167' 40 HOLES : 2146 gal 2% KCl gel w/ 75 ball sealers. Balled Off. ATP-2000 psi, Max-5000 psi, ATR - 4.2 bpm, ISIP - 1100 psi
6/30/95 4841' - 4862' 68 HOLES : 2528 gal 2% KCl gel w/ 125 ball sealers. Balled Off. ATP-2600 psi, Max-5000 psi, ATR-5.7 bpm, Max-5.9 bpm, ISIP - 1000 psi.
7/5/95 4418' - 4424' 6 HOLES : 1638 gal 2% KCl wtr w/ 12 ball sealers. Ball action. ATP-3200 psi, Max-5000 psi, ATR - 4.7 bpm, ISIP - 1600 psi

FRAC JOB

6/28/95 5144' - 5167' 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' 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,
7/5/95 4227' - 4234' & 4418' - 4424' 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.

PERFORATION RECORD

| Date | Company | Interval | Length | SPF | Holes | Yield |
|---------|--------------|---------------|--------|-------|----------|-------|
| 7/3/95 | Schlumberger | 4227' - 4234' | (7 ft) | 1 SPF | 7 Holes | Y3 |
| | | 4418' - 4424' | (6 ft) | 1 SPF | 6 Holes | Y5 |
| 6/30/95 | Schlumberger | 4841' - 4850' | (9 ft) | 4 SPF | 36 Holes | R5 |
| | | 4854' - 4862' | (8 ft) | 4 SPF | 32 Holes | R5 |
| 6/27/95 | Schlumberger | 5144' - 5146' | (2 ft) | 2 SPF | 4 Holes | G4 |
| | | 5148' - 5150' | (2 ft) | 2 SPF | 4 Holes | G4 |
| | | 5161' - 5167' | (6 ft) | 4 SPF | 24 Holes | G4 |

10/14/05 5 Year MIT 5 Year MIT Complete

4227'-4234' GB-6 sds

4418'-4424' PB-10 sds

4841'-4850' C sds

4854'-4862' C sds

5144'-5146'

TA LANDED @ 5182' KB

SN LANDED @ 5216' KB
EOT LANDED @ 5249' KB

PBTD @ 5654' KB
TD @ 5700' KB

TOC @ 530' KB



Balcron Monument Fed. #42-12J
SE NE Sec.12, T9S, R16E
2550' FNL, 391' FEL
Lease #U-035521
Jonah Unit / Monument Butte Field
Duchesne County, Utah

C & O Gvmt. 4-12-9-16

Spud Date: 4/14/83
 Put on Production: 6/02/83
 Put on Injection: 10/27/94
 GL: 5450' KB: 5462'

Initial Production: 110 BOPD,
 60 MCFD, 0 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts
 DEPTH LANDED: 292'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 241 cu ft Class "G" cement.

PRODUCTION CASING

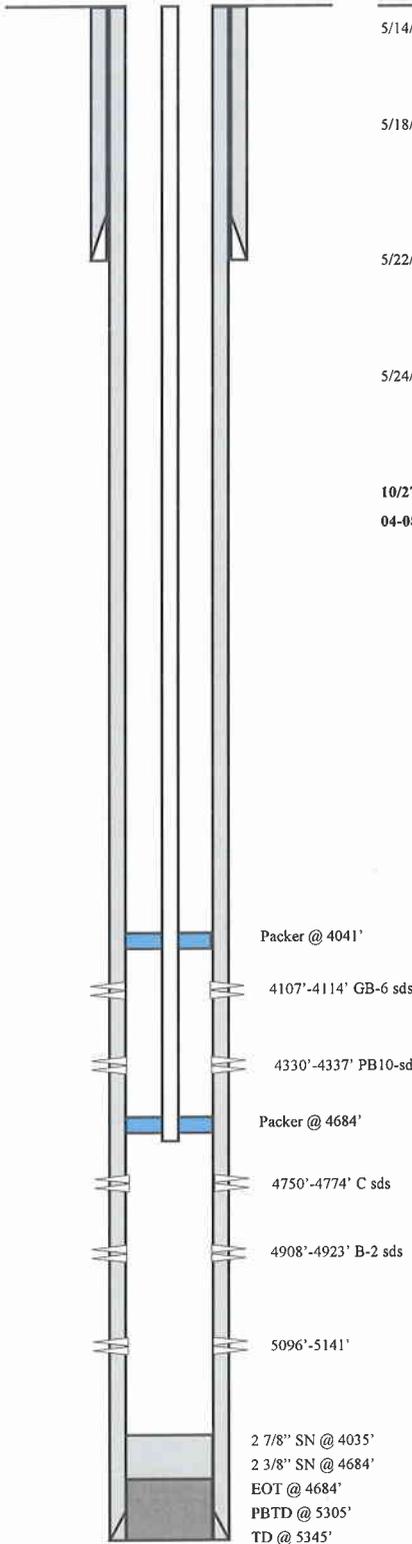
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts
 DEPTH LANDED: 3546'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 633 cu. ft Hilift slurry + 338 cu. ft RFC slurry
 CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4021.48')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4035.18' KB
 PACKER: 4041.38'
 SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.5#
 NO. OF JOINTS: 20 jts (635.06')
 PACKER: 4683.24'
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4684.34' KB
 TOTAL STRING LENGTH: EOT @ 4684.34'

FRAC JOB

| | | |
|----------|-------------|---|
| 5/14/83 | 5096'-5138' | Frac zone as follows: 68,000# 20/40 sand in 393 bbls frac fluid. Treated @ avg press of 1625 psi w/avg rate of 20 BPM. Screened out |
| 5/18/83 | 4908'-4923' | Frac zone as follows: 37,000# 20/40 sand + 6,000# 10/20 sand in 568 bbls frac fluid. Treated @ avg press of 2180 psi w/avg rate of 20 BPM. Calc. flush: 4908 gal. Actual flush: 4870 gal. |
| 5/22/83 | 4750'-4774' | Frac zone as follows: 55,000# 20/40 sand in 672 bbls frac fluid. Treated @ avg press of 1600 psi w/avg rate of 21 BPM. Calc. flush: 4750 gal. Actual flush: 4748 gal. |
| 5/24/83 | 4107'-4337' | Frac zone as follows: 55,000# 20/40 sand in 526 bbls frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24 BPM. Calc. flush: 4107 gal. Actual flush: 4100 gal. |
| 10/27/94 | | Convert to injector. Update tbg details. |
| 04-08-10 | | 5 Yr MIT |



PERFORATION RECORD

| | | |
|---------|-------------|----------|
| 5/13/83 | 5096'-5141' | 18 holes |
| 5/17/83 | 4908'-4923' | 22 holes |
| 5/21/83 | 4750'-4774' | 24 holes |
| 5/23/83 | 4330'-4337' | 08 holes |
| 5/23/83 | 4107'-4114' | 08 holes |

NEWFIELD

C & O Gvmt. #4-12-9-16
 2140' FSL & 1820' FWL
 NESW Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30742; Lease #U-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

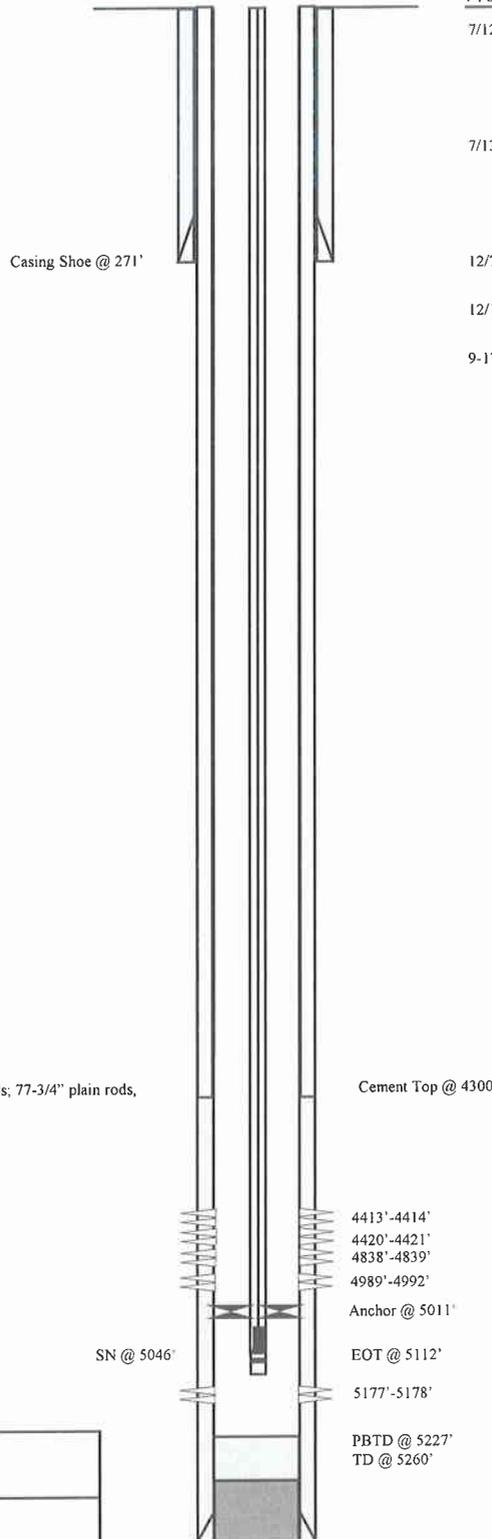
SIZE/GRADE/WT: 2-7/8" / J-55
 NO OF JOINTS: 161 jts (5000.62')
 TUBING ANCHOR: 5010.62'
 NO OF JOINTS: 1 jts (32.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5046.06'
 NO OF JOINTS: 2 jts (64.32')
 TOTAL STRING LENGTH: EOT @ 5111.53'

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

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 perfs. Approx. 34,000# sand in perfs. |
| 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 |



C&O Govt. #2
 1980' FSL & 2080' FEL
 NWSE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-15112; Lease #U-035521

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

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.

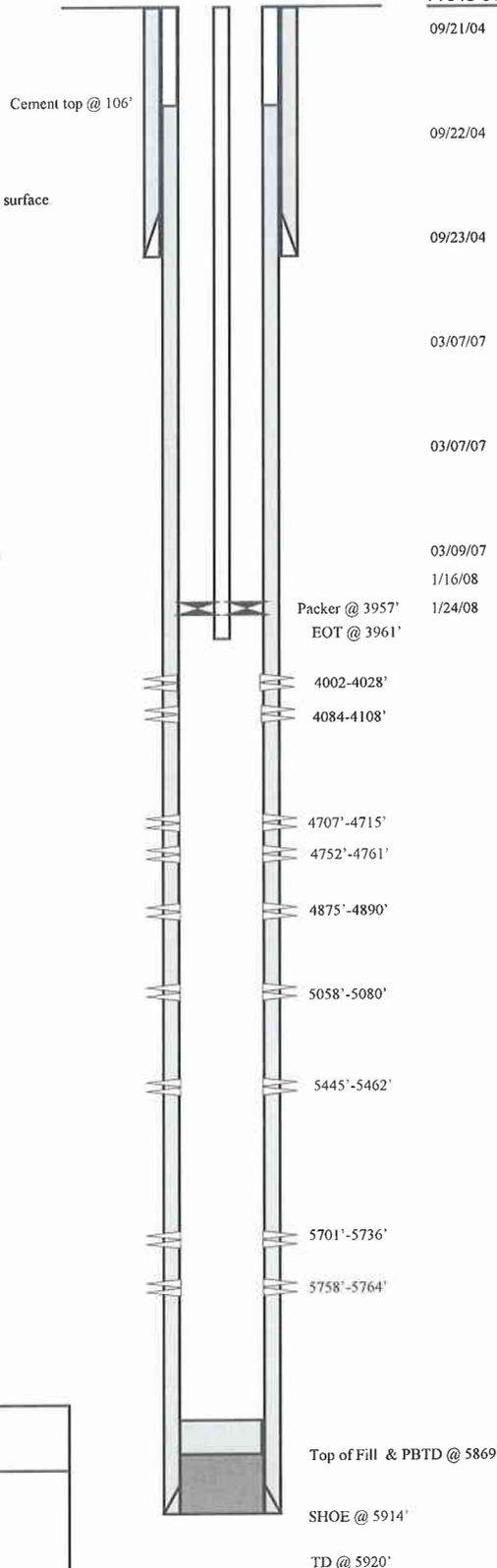
PRODUCTION CASING

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

Injection Wellbore Diagram



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 perfs 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

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

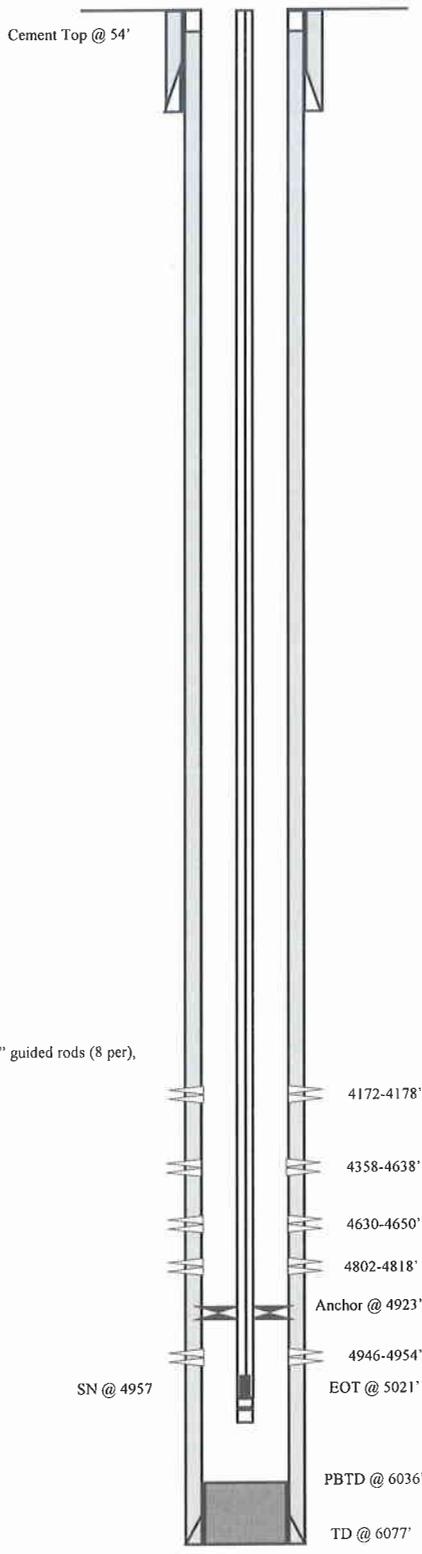
CSG SIZE: "
 GRADE:
 WEIGHT: #
 LENGTH: jts ('
 DEPTH LANDED ' '
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx premlite and 475 sx 50/50 poz
 CEMENT TOP AT: 54'

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

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 Premlite 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.

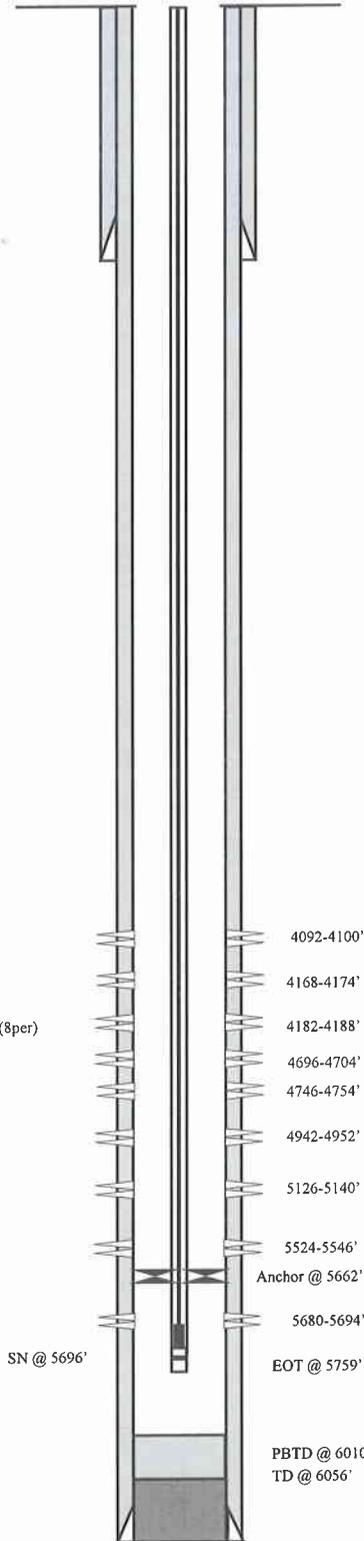
8-22-08 4696-4704' **Frac D2/D3 sds as follows:**
 35,356# 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1776 psi w/ ave rate of 23.2 BPM ISIP 2056 psi. Actual flush: 4116 gals.

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

| | | | |
|---------|------------|-------|----------|
| 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
 NWSW Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-33924; Lease #UTU-72106

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

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.

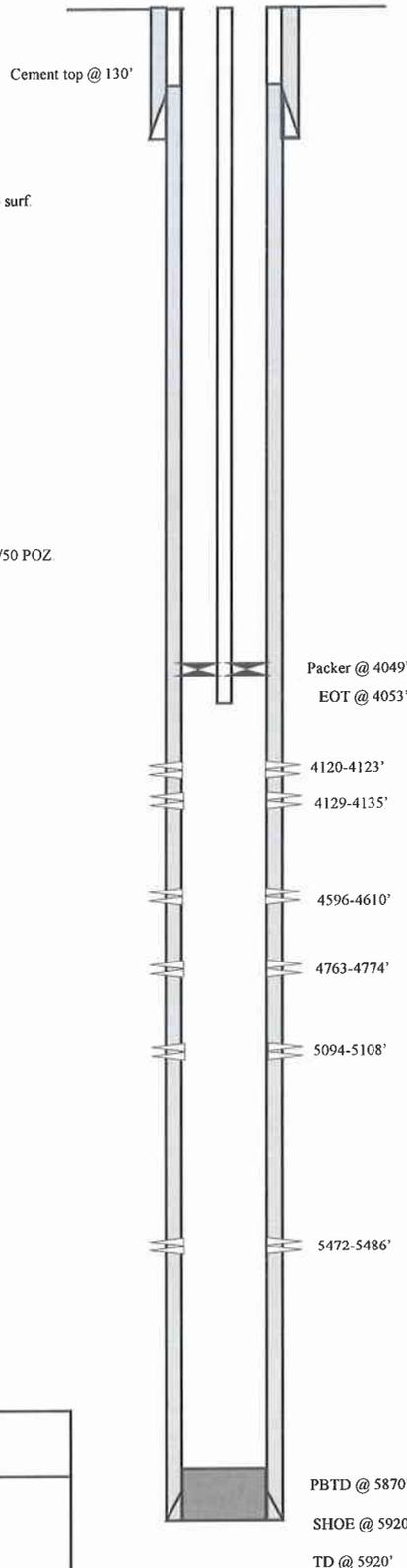
PRODUCTION CASING

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

Injection Wellbore
 Diagram



FRAC JOB

| | | |
|----------|------------|---|
| 11-07-05 | 5472-5486' | Frac CP1, 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 CB6 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

| | | | |
|----------|------------|--------|----------|
| 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

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

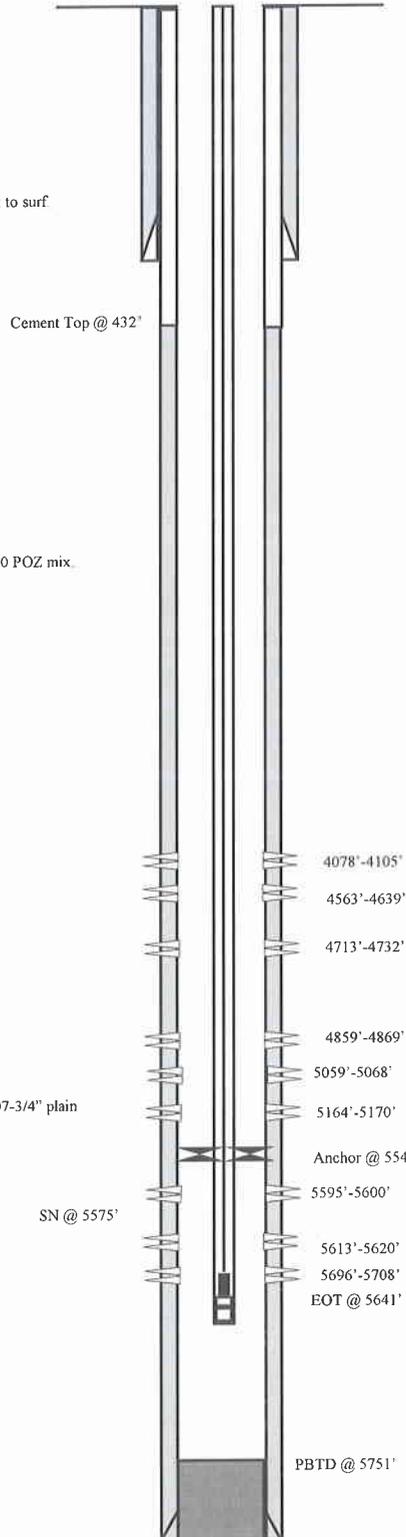
POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 6-1 1/2" weight rods, 10-3/4" scraped rods, 107-3/4" plain rods, 100-3/4" scraped rods, 1-4' & 1-2' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL

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 419 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 #U-035521

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# 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.

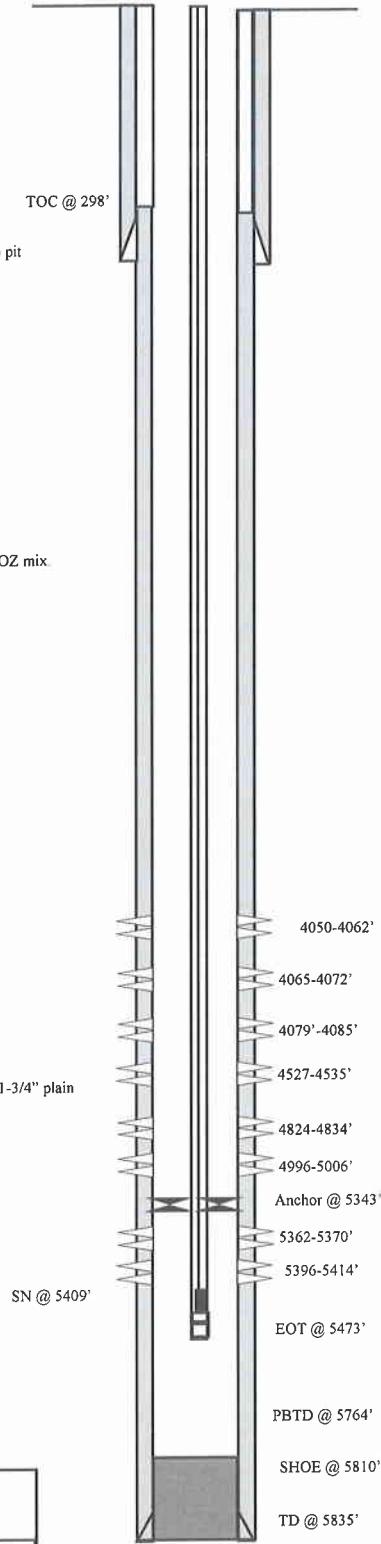
9/14/04 4996-5006' **Frac A1 sands as follows:**
 49,839# 20/40 sand in 416 bbls Lightning
 Frac 17 fluid Treated @ avg press of 1577 psi
 w/avg rate of 25.4 BPM ISIP 2060 psi. Calc
 flush: 4993gal. Actual flush: 4994 gal.

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.
 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 |



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

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

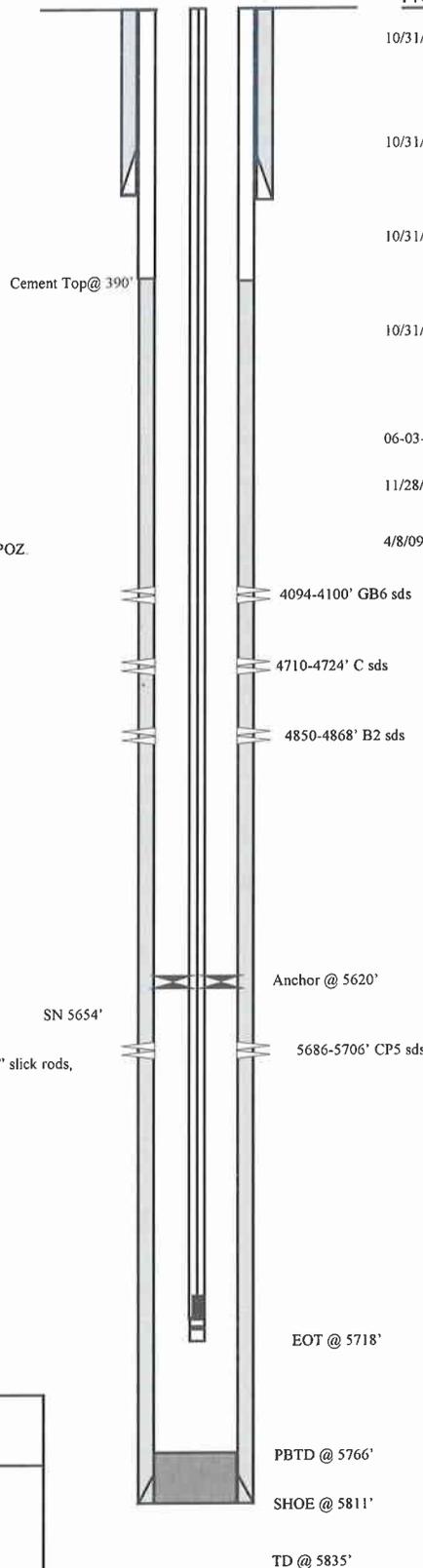
SIZE/GRADE/AWT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 180 jts (5609.88')
 TUBING ANCHOR: 5619.88' KB
 NO OF JOINTS: 1 jts (31.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5654.10' KB
 NO OF JOINTS: 2 jts (62.55')
 TOTAL STRING LENGTH: EOT @ 5718.20' KB

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

| Date | Interval | Tool | Holes |
|----------|------------|--------|----------|
| 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 |



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

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

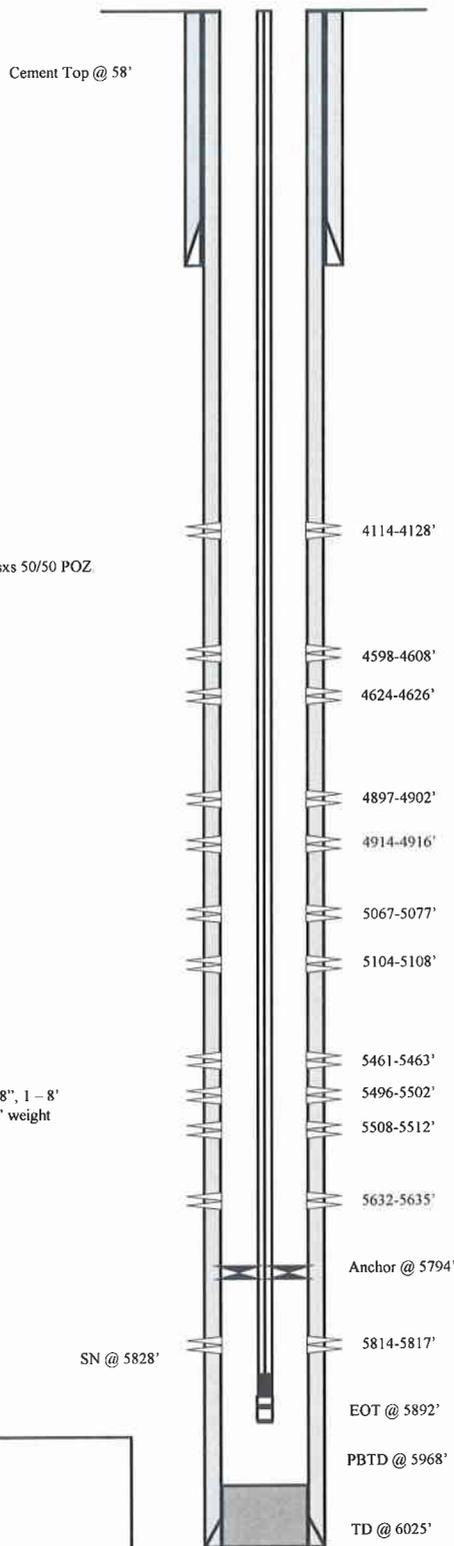
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (6000.16')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6013.41'
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 58'

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 |

NEWFIELD



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



Multi-Chem Group, LLC

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

Water Analysis Report

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

Sample ID: **WA-37100**

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|--|-----------|---|-------------|----------------------------------|-------------|
| Test Date: | 2/19/2010 | Cations | mg/L | Anions | mg/L |
| Temperature (°F): | 100 | Calcium (Ca): | 40.00 | Chloride (Cl): | 11000.00 |
| Sample Pressure (psig): | 0 | Magnesium (Mg): | 24.40 | Sulfate (SO ₄): | - |
| Specific Gravity (g/cm ³): | 1.0130 | Barium (Ba): | 12.00 | Dissolved CO ₂ : | - |
| pH: | 7 | Strontium (Sr): | - | Bicarbonate (HCO ₃): | 683.00 |
| Turbidity (NTU): | - | Sodium (Na): | 7181.00 | Carbonate (CO ₃): | - |
| | | Potassium (K): | - | H ₂ S: | - |
| | | Iron (Fe): | 24.44 | Phosphate (PO ₄): | - |
| | | Manganese (Mn): | - | Silica (SiO ₂): | - |
| Calculated T.D.S. (mg/L) | 18965 | Lithium (Li): | - | Fluoride (F): | - |
| Molar Conductivity (µS/cm): | 28735 | Aluminum (Al): | - | Nitrate (NO ₃): | - |
| Resistivity (Mohm): | 0.3480 | Ammonia NH ₃ : | - | Lead (Pb): | - |
| | | | | Zinc (Zn): | - |
| | | | | Bromine (Br): | - |
| | | | | Boron (B): | - |

| Test Conditions | | Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl | | | | | | | | | | |
|-----------------|------------------|--|-------|--|----------|-----------------------------------|----------|-------------------------------------|-------|----------------------------------|--------|--------------------------------|
| Temp °F | Gauge Press. psi | Calcium Carbonate CaCO ₃ | | Gypsum CaSO ₄ · 2H ₂ O | | Calcium Sulfate CaSO ₄ | | Strontium Sulfate SrSO ₄ | | Barium Sulfate BaSO ₄ | | Calculated CO ₂ psi |
| | | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | |
| 100 | 0 | 0.28 | -3.48 | 0.00 | -2977.00 | 0.00 | -3119.60 | - | - | 0.00 | -8.31 | 1.59 |
| 80 | 0 | 0.20 | -4.36 | 0.00 | -7.49 | 0.00 | -3306.00 | - | - | 0.00 | -5.97 | 0.72 |
| 100 | 0 | 0.28 | -3.48 | 0.00 | -5.21 | 0.00 | -3119.60 | - | - | 0.00 | -8.31 | 0.90 |
| 120 | 0 | 0.36 | -2.78 | 0.00 | -3.61 | 0.00 | -2839.70 | - | - | 0.00 | -11.20 | 1.01 |
| 140 | 0 | 0.46 | -2.18 | 0.00 | -2.46 | 0.00 | -2506.50 | - | - | 0.00 | -14.69 | 1.14 |
| 160 | 0 | 0.56 | -1.66 | 0.00 | -1.60 | 0.00 | -2154.90 | - | - | 0.00 | -18.83 | 1.29 |
| 180 | 0 | 0.66 | -1.22 | 0.00 | -0.96 | 0.00 | -1811.20 | - | - | 0.00 | -23.68 | 1.42 |
| 200 | 0 | 0.76 | -0.83 | 0.00 | -0.48 | 0.00 | -1493.10 | - | - | 0.00 | -29.32 | 1.44 |
| 220 | 2.51 | 0.84 | -0.56 | 0.00 | -0.16 | 0.00 | -1226.10 | - | - | 0.00 | -36.38 | 1.46 |
| 240 | 10.3 | 0.91 | -0.31 | 0.00 | 0.09 | 0.00 | -981.08 | - | - | 0.00 | -44.05 | 1.49 |
| 260 | 20.76 | 0.96 | -0.14 | 0.00 | 0.24 | 0.00 | -774.58 | - | - | 0.00 | -52.85 | 1.52 |
| 280 | 34.54 | 0.99 | -0.04 | 0.00 | 0.31 | 0.00 | -604.11 | - | - | 0.00 | -62.95 | 1.55 |
| 300 | 52.34 | 0.99 | -0.03 | 0.00 | 0.32 | 0.00 | -465.68 | - | - | 0.00 | -74.53 | 1.59 |

Conclusions:

Calcium Carbonate Scaling Index is negative 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:



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Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

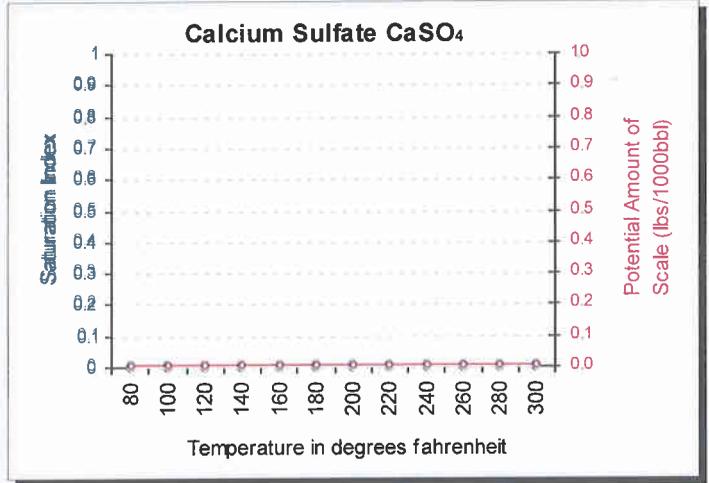
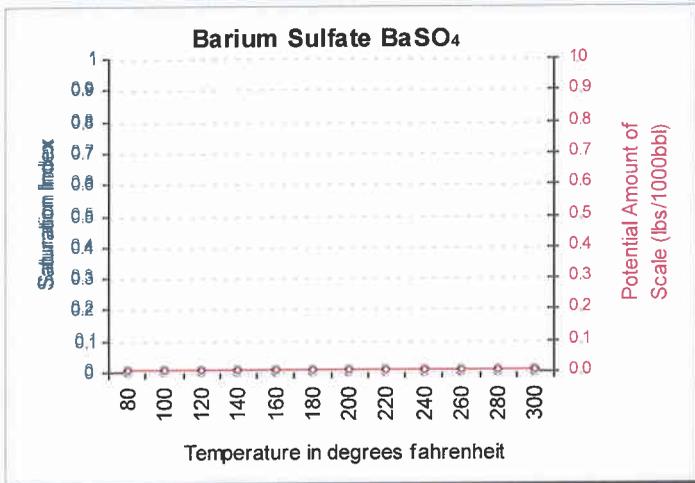
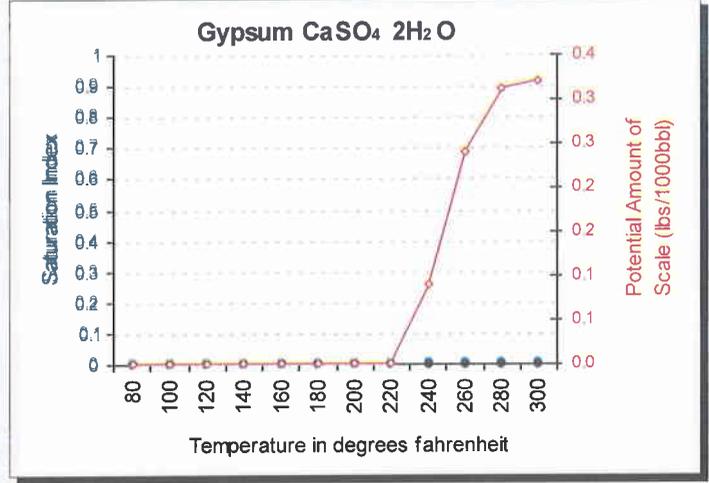
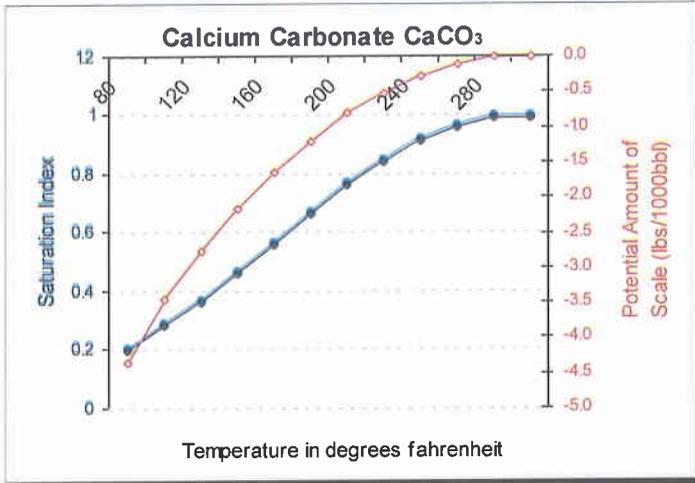
1553 East Highway 40

Vernal, UT 84078

Scale Prediction Graphs

Well Name: **9-12-9-16**

Sample ID: **WA-37100**





Multi-Chem Group, LLC

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

multi-chem®

Water Analysis Report

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

Sample ID: **WA-35267**

Well Name: **Beluga Injection**

Sample Point: **Tri-plex Suction**

Sample Date: **1 /5 /2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

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

| Analysis @ Properties in Sample Specifics | | | |
|---|---------|---------------------|---------|
| Cations | mg/L | Anions | mg/L |
| Calcium (Ca): | 80.00 | Chloride (Cl): | 5000.00 |
| Magnesium (Mg): | 24.40 | Sulfate (SO₄): | 419.00 |
| Barium (Ba): | 1.00 | Dissolved CO₂: | - |
| Strontium (Sr): | - | Bicarbonate (HCO₃): | 1195.00 |
| Sodium (Na): | 3720.00 | Carbonate (CO₃): | - |
| Potassium (K): | - | H₂S: | 4.50 |
| Iron (Fe): | 1.85 | Phosphate (PO₄): | - |
| Manganese (Mn): | 0.50 | Silica (SiO₂): | - |
| Lithium (Li): | - | Fluoride (F): | - |
| Aluminum (Al): | - | Nitrate (NO₃): | - |
| Ammonia NH₃: | - | Lead (Pb): | - |
| | | Zinc (Zn): | - |
| | | Bromine (Br): | - |
| | | Boron (B): | - |

| 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 | |
| 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:



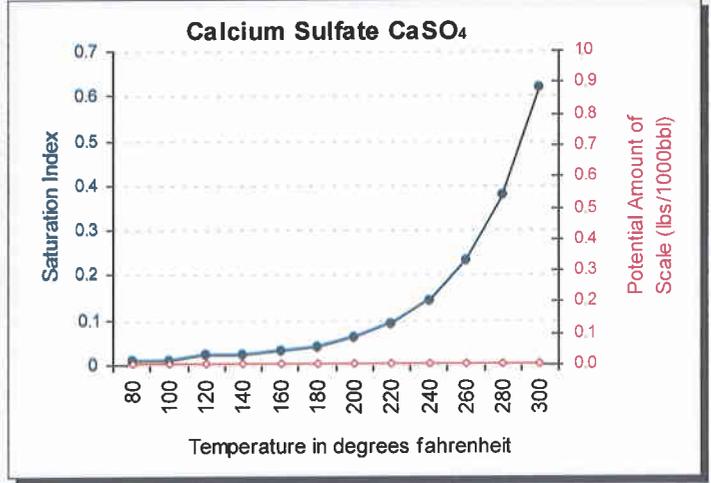
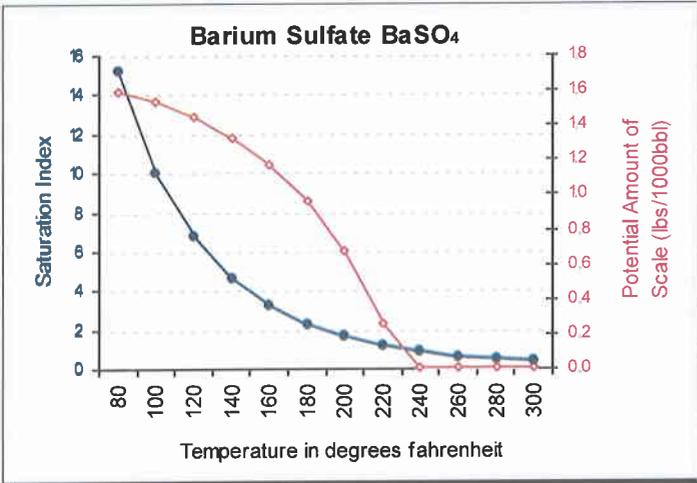
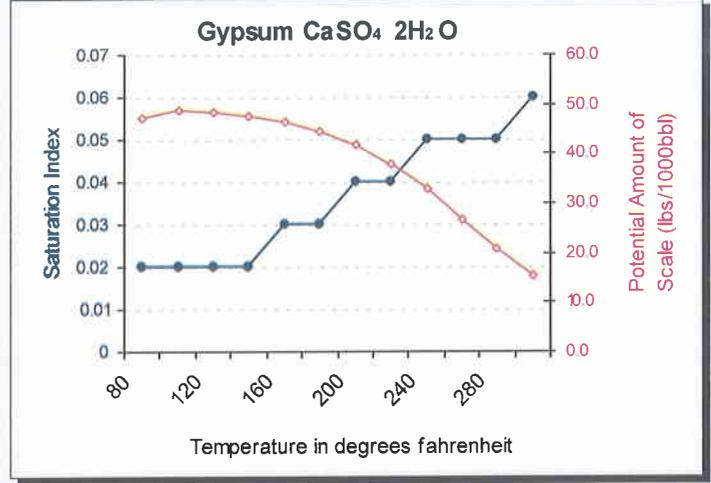
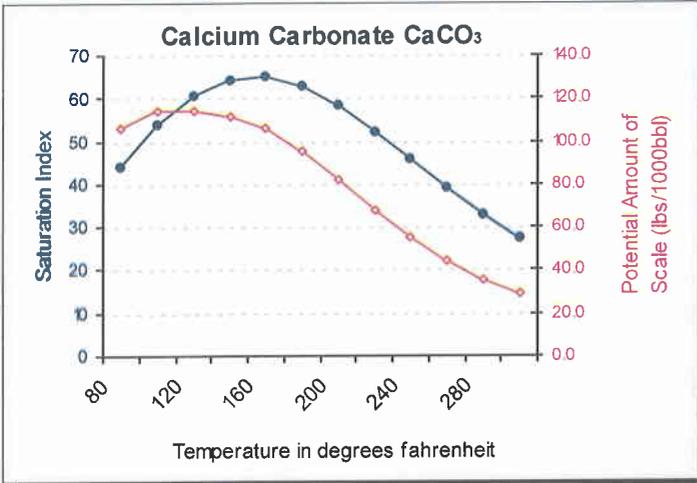
Multi-Chem Group, LLC

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

Scale Prediction Graphs

Well Name: **Beluga Injection**

Sample ID: **WA-35267**



Attachment "G"

**Jonah Federal 9-12-9-16
Proposed Maximum Injection Pressure**

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|--------------------|
| Top | Bottom | | | | |
| 5495 | 5505 | 5500 | 2000 | 0.80 | 1964 |
| 5112 | 5128 | 5120 | 2030 | 0.83 | 1997 |
| 4926 | 4936 | 4931 | 2700 | 0.98 | 2668 |
| 4793 | 4804 | 4799 | 1920 | 0.83 | 1889 ← |
| 4637 | 4643 | 4640 | 1920 | 0.85 | 1890 |
| | | | | Minimum | <u><u>1889</u></u> |

Calculation of Maximum Surface Injection Pressure

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 8, 2004 Completion Day: 01
 Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBD: 5908' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBD: _____

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|-------|-------|------------|
| CP1 sds | 5495-5505' | 4/40 | | | |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 7, 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 @ 5908' & cmt top @ 650'. Perf stage #1 W/ 4" ported gun as follows: CP1 sds @ 5495-5505' W/ 4 SPF for a total of 40 shots (1 run). SIFN W/ est 141 BWTR.

Starting fluid load to be recovered: 141 Starting oil rec to date: 0
 Fluid lost/recovered today: 0 Oil lost/recovered today: _____
 Ending fluid to be recovered: 141 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 | \$3,688 |
| Drilling cost | \$246,536 |
| Rebel HO trk | \$400 |
| Location preparation | \$300 |
| IPC wellhead | \$1,500 |
| Benco - anchors | \$950 |
| Admin. Overhead | \$3,000 |
| 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: \$258,404
 TOTAL WELL COST: \$258,404



Attachment G-1
2 of 9

DAILY COMPLETION REPORT

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

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| CP1 sds | 5495-5505' | 4/40 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 8, 2004 SITP: SICP: 0

Day 2a.

RU BJ Service "Ram Head" frac flange. RU BJ & frac CP1 sds, stage #1 w/ 24,061#'s of 20/40 snd in 289 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2827 psi, back to 2158 psi. Treated @ ave pressure of 1715, w/ ave rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2000. 430 bbls EWTR. Leave pressure on well. **See day2b.**

Starting fluid load to be recovered: 141 Starting oil rec to date: 0
Fluid lost/recovered today: 289 Oil lost/recovered today:
Ending fluid to be recovered: 430 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 sds down casing

| | |
|----------------------|----------|
| Weatherford BOP | \$100 |
| Weatherford Services | \$650 |
| Betts frac water | \$240 |
| IPC fuel gas | \$60 |
| BJ Services CP1 sds | \$14,200 |
| IPC Supervisor | \$100 |
| | |
| | |
| | |

2394 gals of pad
1250 gals w/ 1-5 ppg of 20/40 sand
3013 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 5481 gals of slick water

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

Max TP: 1870 Max Rate: 24.8 Total fluid pmpd: 289 bbls
Avg TP: 1715 Avg Rate: 24.7 Total Prop pmpd: 24,061#'s
ISIP: 2000 5 min: 10 min: FG: .80
Completion Supervisor: Ron Shuck

DAILY COST: \$15,350
TOTAL WELL COST: \$273,754



DAILY COMPLETION REPORT

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

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5200'
KB @ 12' Plugs

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| | | | | | |
| A3 sds | 5112-5128' | 4/64 | | | |
| CP1 sds | 5495-5505' | 4/40 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 8, 2004 SITP: 770 SICP: 770

Day 2b.

RU Patterson WLT, mast & lubricator. RIH w/ 5-1/2" Weatherford composite flow-through frac plug & 6' perf gun. Set plug @ 5200' (had misfire on setting plug). Perforate A3 sds @ 5112-5128' w/ 4" Port gun (19 gram, 41" HE), w/ 4 spf for total of 64 shots. RU BJ & frac stage #2 w/ 55,197#'s of 20/40 snd in 445 bbls of Lightning 17 frac fluid. Open well w/ 770 psi on casing. Perfs broke down @ 3808 psi, back to 810 psi. Treated @ ave pressure of 2231, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2030. 875 bbls EWTR. Leave pressure on well. See day2c.

Starting fluid load to be recovered: 430 Starting oil rec to date: 0
 Fluid lost/recovered today: 445 Oil lost/recovered today: 0
 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: A3 sds down casing

COSTS

| | | |
|------------------------------------|----------------------|----------|
| 4410 gals of pad | Weatherford BOP | \$100 |
| 2944 gals w/ 1-5 ppg of 20/40 sand | Weatherford Services | \$2,200 |
| 5872 gals w/ 5-8 ppg of 20/40 sand | Betts frac water | \$640 |
| 424 gals w/ 8 ppg of 20/40 sand | IPC fuel gas | \$140 |
| Flush w/ 5040 gals of slick water | BJ Services A3 sds | \$12,010 |
| | IPC Supervisor | \$100 |
| | Patterson WLT A3 sds | \$3,000 |

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

Max TP: 1834 Max Rate: 24.8 Total fluid pmpd: 445 bbls
 Avg TP: 2231 Avg Rate: 24.7 Total Prop pmpd: 55,197#'s
 ISIP: 2030 5 min: 10 min: FG: .83
 Completion Supervisor: Ron Shuck

DAILY COST: \$18,190
 TOTAL WELL COST: \$291,944



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 10, 2004 Completion Day: 03a
Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4850'
KB @ 12' Plugs 5200' 5000'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 9, 2004 SITP: _____ SICP: 970

Day 3a,

RU BJ & frac C sds, stage #4 w/ 32,557#2 of 20/40 sand in 344 bbls Lightning 17 frac fluid. Open well w/ 970 psi on casing. Perfs broke down @ 3477 psi, back to 1318 psi. Treated @ ave pressure of 1725, w/ ave rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 1920. 1732 bbls EWTR. Leave pressure on well. See day 3b.

Starting fluid load to be recovered: 1388 Starting oil rec to date: 0
Fluid lost/recovered today: 344 Oil lost/recovered today: _____
Ending fluid to be recovered: 1732 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

| | |
|----------------------|---------|
| Weatherford BOP | \$100 |
| Weatherford Services | \$2,200 |
| Betts frac water | \$400 |
| IPC fuel gas | \$90 |
| BJ Services C sds | \$9,500 |
| IPC Supervisor | \$150 |
| Patterson WLT C sds | \$1,900 |

3402 gals of pad
2194 gals w/ 1-5 ppg of 20/40 sand
4064 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 4788 gals of slick water

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

Max TP: 1890 Max Rate: 24.7 Total fluid pmpd: 433 bbls
Avg TP: 1725 Avg Rate: 24.7 Total Prop pmpd: 32,557#'s
ISIP: 1920 5 min: _____ 10 min: _____ FG: .83
Completion Supervisor: Ron Shuck

DAILY COST: \$14,340
TOTAL WELL COST: \$325,414



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 10, 2004 Completion Day: 03b
Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4700'
KB @ 12' Plugs 5200' 5000' 4850'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| D1 sds | <u>4637-4643'</u> | <u>4/24</u> | | | |
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 9, 2004 SITP: SICP: 1427

Day 3b.

RU WLT. RIH w/ composite plug & 6' perf gun. Set plug @ 4700'. Perforate D1 sds @ 4637-4643' w/ 4 spf for total of 24 shots. RU BJ & frac stage #5 w/ 19,333#'s of 20/40 sand in 244 bbls Lightning 17 frac fluid. Open well w/ 1427 psi on casing. Perfs won't break down. RU dump bailer & spot 8 gals of 15% HCL on perfs. Perfs broke down @ 4000 psi, back to 1838 psi. Treated @ ave pressure of 1838, w/ ave rate of 24.8 bpm, w/ up to 8 ppg of sand. ISIP was 1920. 1976 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1900 psi w/ 12/64 choke. Well flowed for 3 hours & died w/ 160 bbls rec'd, 8% of frac. SIFN.

Starting fluid load to be recovered: 1976 Starting oil rec to date: 0
Fluid lost/recovered today: 160 Oil lost/recovered today: 0
Ending fluid to be recovered: 1816 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

| | |
|----------------------|---------|
| Weatherford BOP | \$100 |
| Weatherford Services | \$2,200 |
| Betts frac water | \$180 |
| IPC fuel gas | \$40 |
| BJ Services C sds | \$7,130 |
| IPC Supervisor | \$150 |
| Patterson WLT C sds | \$1,800 |

2142 gals of pad
970 gals w/ 1-5 ppg of 20/40 sand
2600 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 4537 gals of slick water

Max TP: 1905 Max Rate: 24.9 Total fluid pmpd: 244 bbls
Avg TP: 1838 Avg Rate: 24.8 Total Prop pmpd: 19,333#'s
ISIP: 1920 5 min: 10 min: FG: .85
Completion Supervisor: Ron Shuck

DAILY COST: \$11,600
TOTAL WELL COST: \$337,014



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 **Report Date:** July 11, 2004 **Completion Day:** 04
Present Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBD: 5908' WL
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3465' BP/Sand PBD: 4700'
 KB @ 12' Plugs 5200' 5000' 4850'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| D1 sds | 4637-4643' | 4/24 | | | |
| C sds | 4793-4804' | 4/44 | | | |
| B2 sds | 4926-4936' | 4/40 | | | |
| A3 sds | 5112-5128' | 4/64 | | | |
| CP1 sds | 5495-5505' | 4/40 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 10, 2004 **SITP:** _____ **SICP:** 150

MIRU Western #1. Bleed pressure off well. Rec est 10 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ new Varel 4 3/4" tooth bit, bit sub & 110 jts new STEL 2 7/8 8rd 6.5# J-55 tbg. EOT @ 3465'. SIFN W/ est 1806 BWTR.

Starting fluid load to be recovered: 1816 **Starting oil rec to date:** 0
Fluid lost/recovered today: 10 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1806 **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

| | | |
|--|-------------------------|------------------|
| | Western rig | \$2,457 |
| | Weatherford BOPs | \$260 |
| | Betts wtr transfer | \$400 |
| | IPC wtr & truck | \$400 |
| | IPC trucking | \$1,000 |
| | Aztec - new J55 tbg | \$30,291 |
| | McConkie Varel bit | \$450 |
| | IPC sfc equipment | \$120,000 |
| | IPC labor & welding | \$8,000 |
| | Monks pit reclaim | \$1,200 |
| | RNI wtr disposal | \$3,000 |
| | Mt. West sanitation | \$400 |
| | IPC supervision | \$300 |
| | DAILY COST: | <u>\$168,158</u> |
| | TOTAL WELL COST: | <u>\$505,172</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



Attachment G-1
8 of 9

DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 15, 2004 Completion Day: 05
Present Operation: Completion Rig: Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5937'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5875' BP/Sand PBTD: 5937'
KB @ 12'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| D1 sds | <u>4637-4643'</u> | <u>4/24</u> | | | |
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 14, 2004 SITP: 200 SICP: 200

Bleed pressure off well. Rec est 10 BTF. Con't PU & TIH W/ bit & tbg f/ 3465'. Tag fill @ 4597'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows: sd @ 4597', plug @ 4700' in 10 minutes; sd @ 4774', plug @ 4850' in 11 minutes; sd @ 4961', plug @ 5000' in 11 minutes; sd @ 5149', plug @ 5200' in 13 minutes. Hang back swivel & con't PU jts. Tag fill @ 5838'. PU swivel. Drill sd & plug remains to PBTD @ 5937'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5875'. RU swab equipment. IFL @ sfc. Made 4 swab runs rec 71 BW. Well began flowing. Flow to flat tk 1 hr. Rec 30 BTF (est 20 BW & 10 BW). Making no sand & approx. 50% oil. Tie into flowline. Turn flow to production tk @ 6:30 PM on 24/64" positive choke. Est 1694 BWTR.

Starting fluid load to be recovered: 1806 Starting oil rec to date: 0
Fluid lost/recovered today: 112 Oil lost/recovered today: 10
Ending fluid to be recovered: 1694 Cum oil recovered: 10
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

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

| | |
|------------------------|---------|
| Western rig | \$3,231 |
| Weatherford BOP | \$130 |
| Zubiate HO trk (stdby) | \$700 |
| Zubiate HO trk (7/13) | \$910 |
| IPC location cleanup | \$300 |
| Four Star power swivel | \$450 |
| Randys' TA | \$450 |
| Randys' SN | \$70 |
| IPC trucking | \$300 |
| 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: \$6,841
TOTAL WELL COST: \$512,013

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4587'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 162' balance plug using 19 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 @ 365'
6. Plug #4 Circulate 103 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.

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

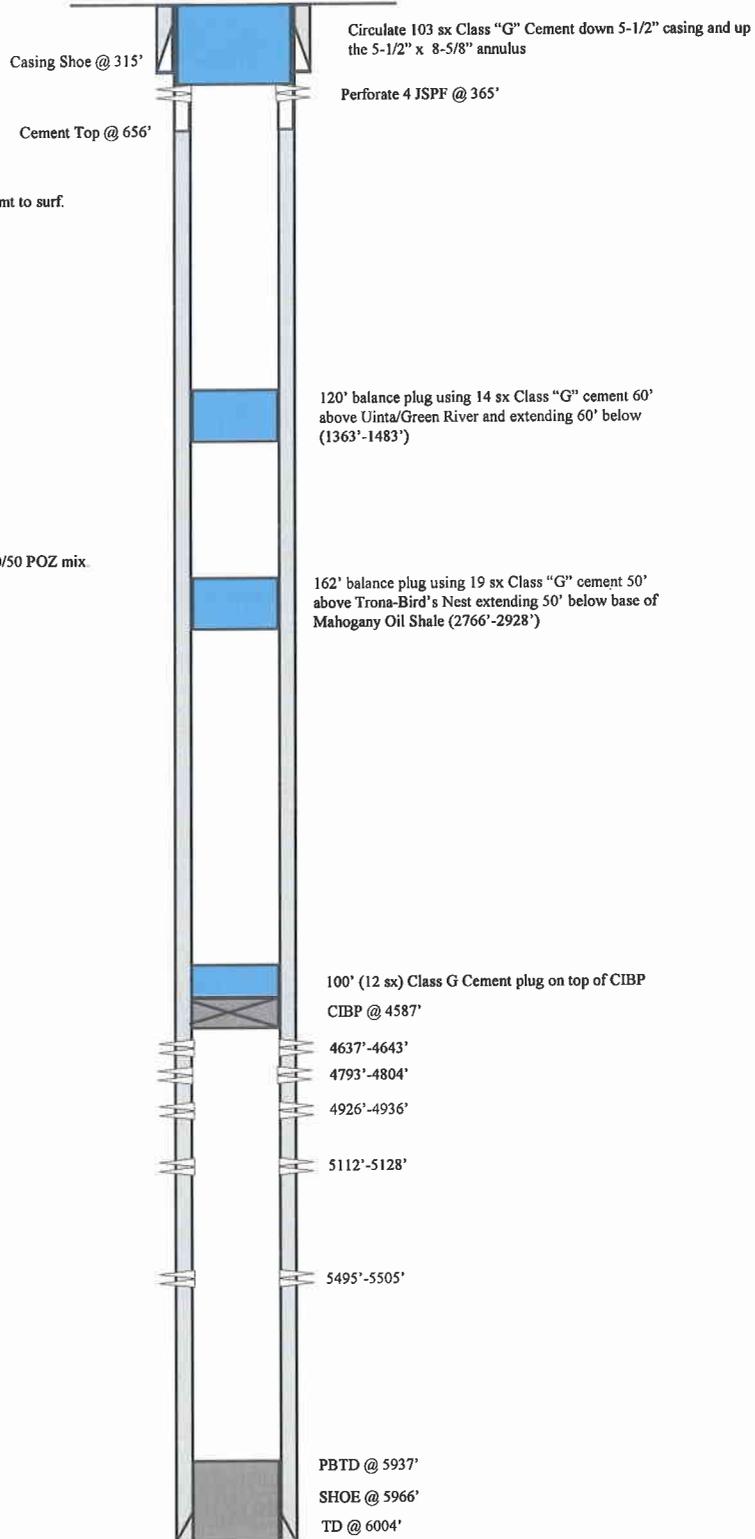
Proposed P & A Wellbore Diagram

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'



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

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)
1953 FSL, 729 FEL
NESE 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 9-12-9-16

9. API Well No.

4301332430

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

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

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

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

Eric Sundberg

Signature



Title

Regulatory Lead

Date

05/21/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on page 2)



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

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A | |
| 2. NAME OF OPERATOR Inland Production Company | | 7. UNIT AGREEMENT NAME Jonah | |
| 3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 | | 8. FARM OR LEASE NAME WELL NO. Jonah Federal 9-12-9-16 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NE/SE 1953' FSL 729' FEL 4432798 Y 40.04350 At proposed Prod. Zone 580179 X -110.06013 | | 9. API WELL NO. 43-013-32430 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17.8 miles south of Myton, Utah | | 10. FIELD AND POOL OR WILDCAT Monument Butte | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 729' f/lse line & 729' f/unit line | 16. NO. OF ACRES IN LEASE 240.00 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Sec. 12, T9S, R16E | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1364' | 19. PROPOSED DEPTH 6500' | 12. County Duchesne | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5445' GR | | 13. STATE UT | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | 22. APPROX. DATE WORK WILL START* 2nd Quarter 2003 | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH |
| 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 Manchito Gonzales TITLE Permit Clerk DATE 2/13/03

(This space for Federal or State office use)
PERMIT NO. 43-013-32430 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 Bradley G. Hill TITLE **BRADLEY G. HILL** DATE 02-19-03
ENVIRONMENTAL SCIENTIST III

Federal Approval of this Action is Necessary

*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

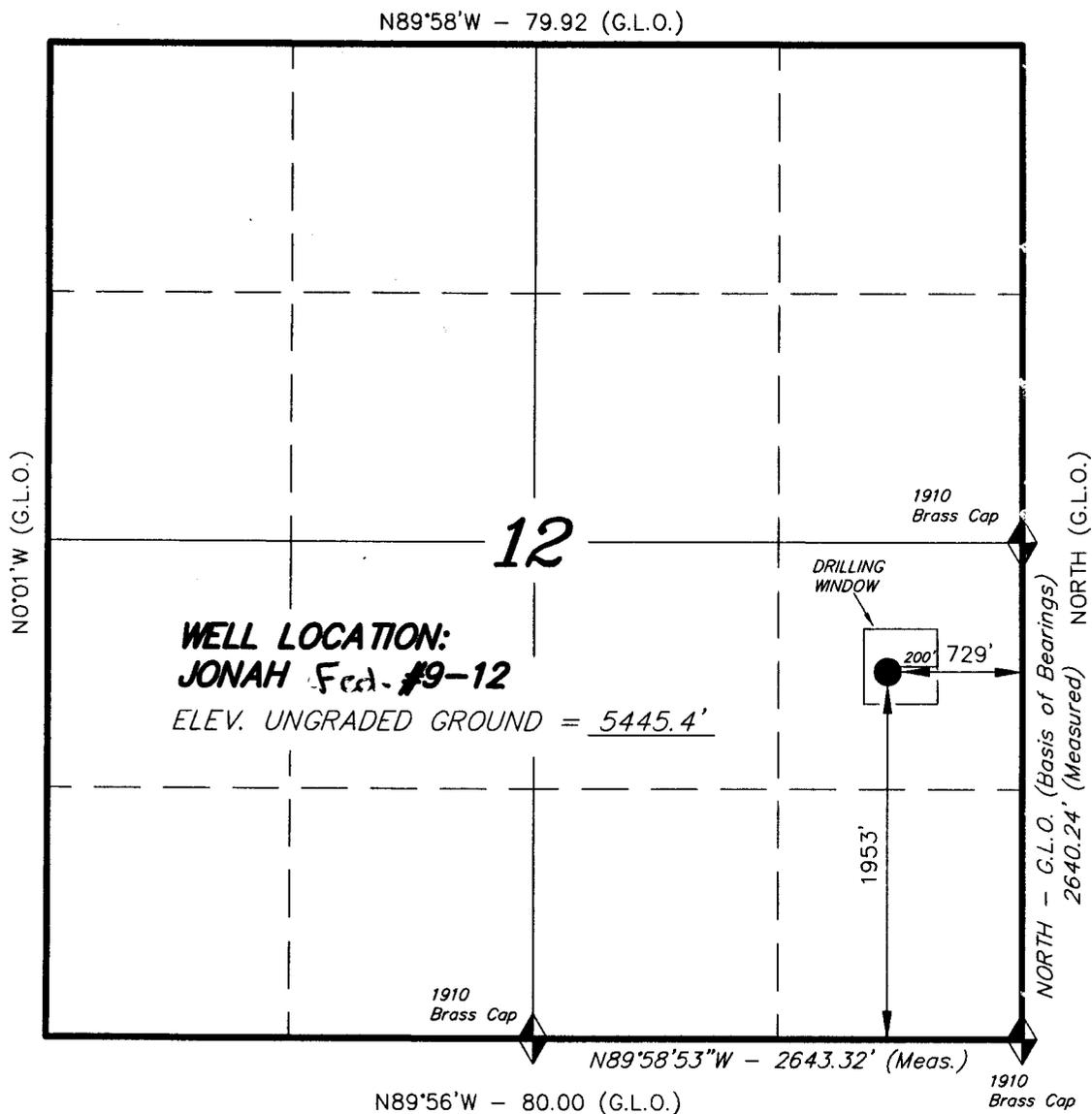
FEB 13 2003

DIV. OF OIL, GAS & MINING

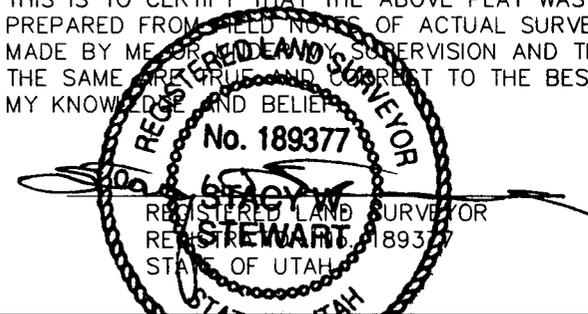
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #9-12,
 LOCATED AS SHOWN IN THE NE 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: K.G.S.

DATE: 7-29-02

DRAWN BY: J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY
JONAH FEDERAL #9-12-9-16
NE/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 #9-12-9-16
NE/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 #9-12-9-16 located in the NE 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 - 2.4 miles \pm to it's junction with an existing road to the southwest; proceed southerly - 0.6 \pm miles to it's junction with the beginning of a proposed access road; proceed southerly - 2510' \pm to it's junction with the beginning of the proposed access road to the east; proceed easterly along the proposed access road - 410' \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 #9-12-9-16 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."**

Inland Production Company also requests a 60' ROW be granted for the Jonah Federal #9-12-9-16 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **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 #9-12-9-16 NE/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
Mandie Crozier
Permit Clerk

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

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

API Number:

Lease Number: U-035521

Location: NESE 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.

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)

| | | |
|------------------|-------------------------------|------------|
| Gardner saltbush | <i>Atriplex gardneri</i> | 3 lbs/acre |
| Shadscale | <i>Atriplex confertifolia</i> | 3 lbs/acre |
| Ricegrass | <i>Oryzopsis hymenoides</i> | 3 lbs/acre |
| Galletta grass | <i>Hilaria jamesii</i> | 3 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

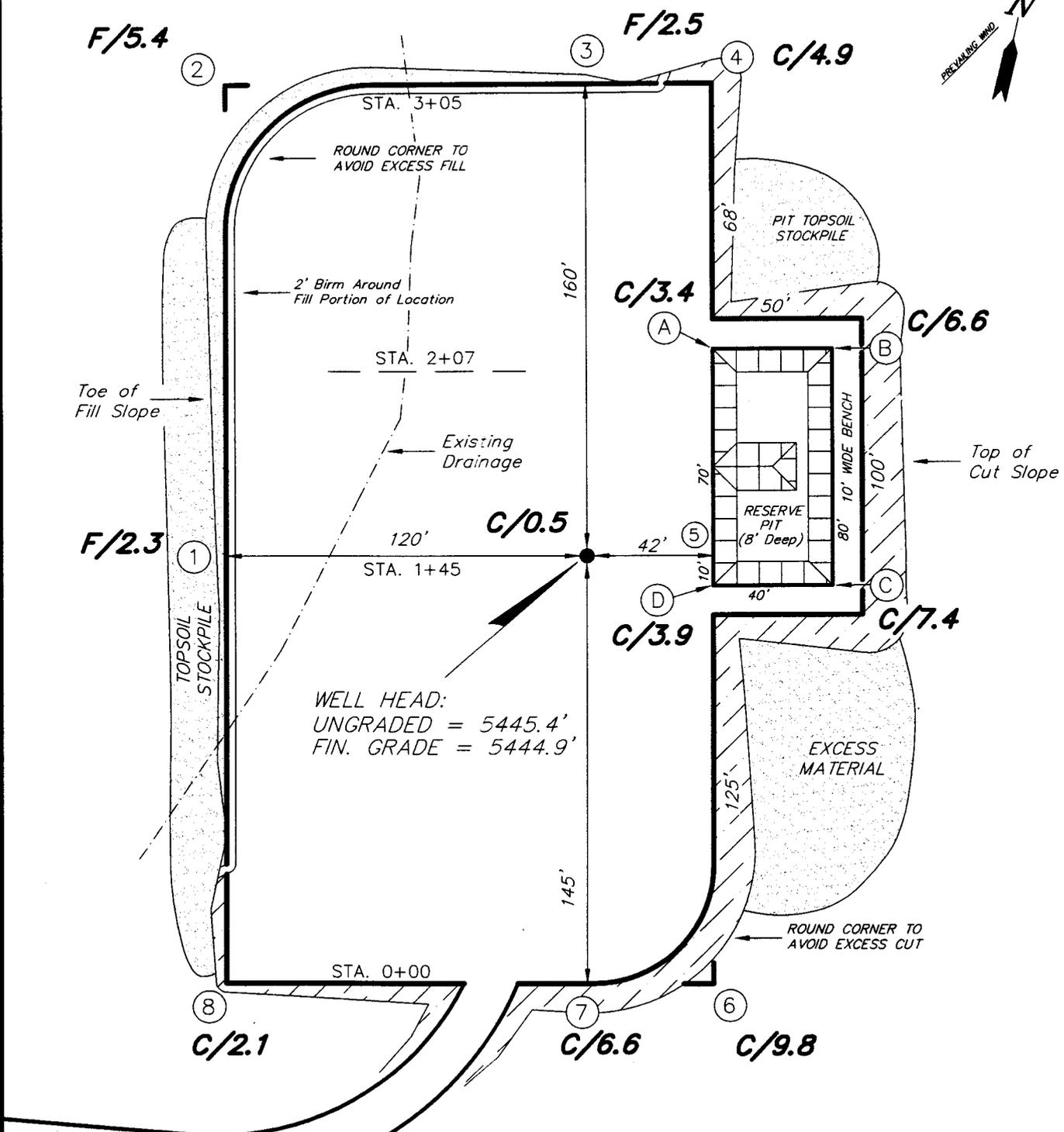
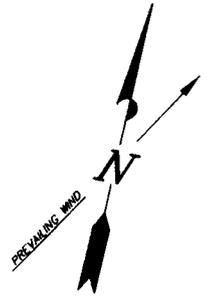
Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

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. #9-12
SEC. 12, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5445.4'
FIN. GRADE = 5444.9'

REFERENCE POINTS
170' WEST = 5445.3'
220' WEST = 5448.7'

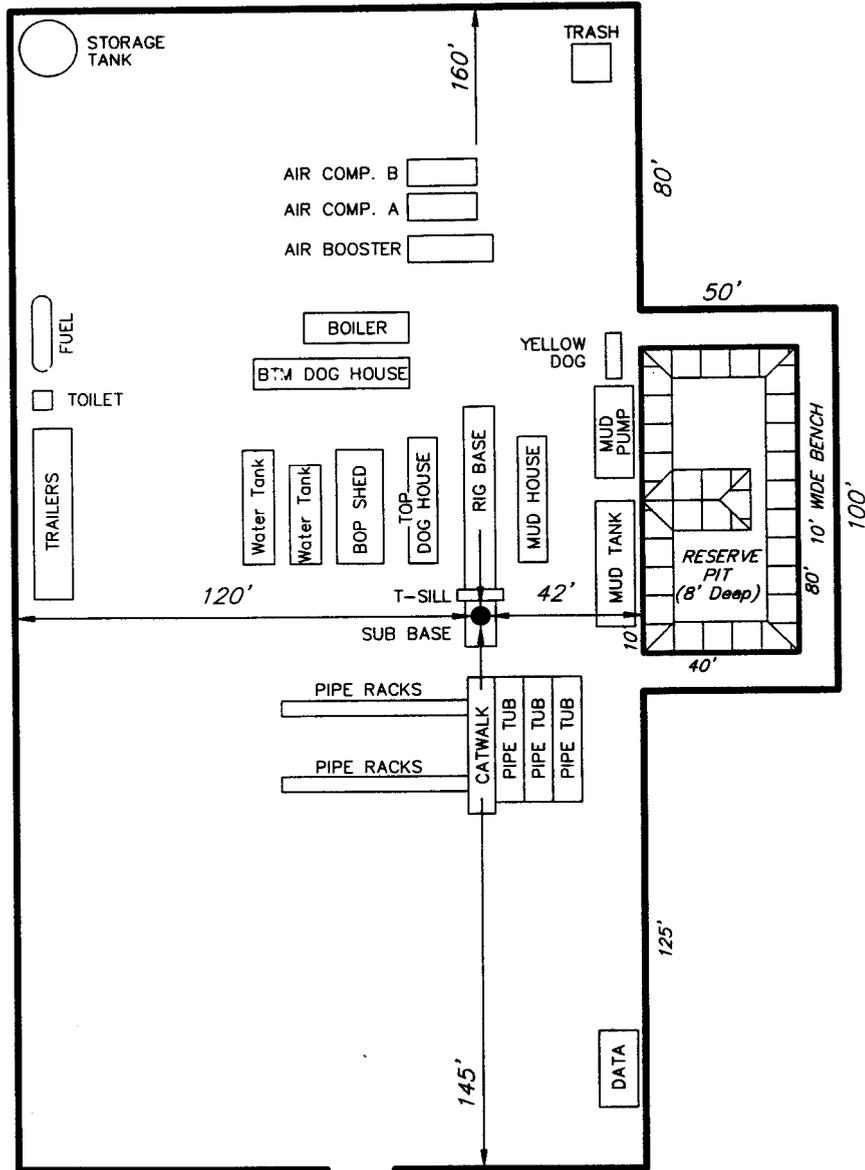
| | | |
|---------------------|-----------------|---|
| SURVEYED BY: K.G.S. | SCALE: 1" = 50' | Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 |
| DRAWN BY: J.R.S. | DATE: 7-29-02 | |

(435) 781-2501

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH Fed. #9-12



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

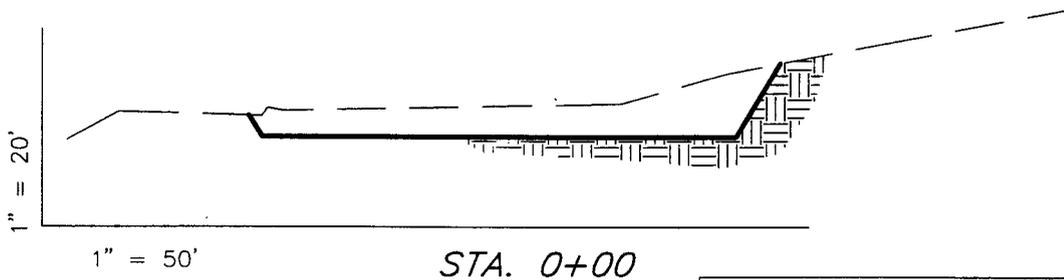
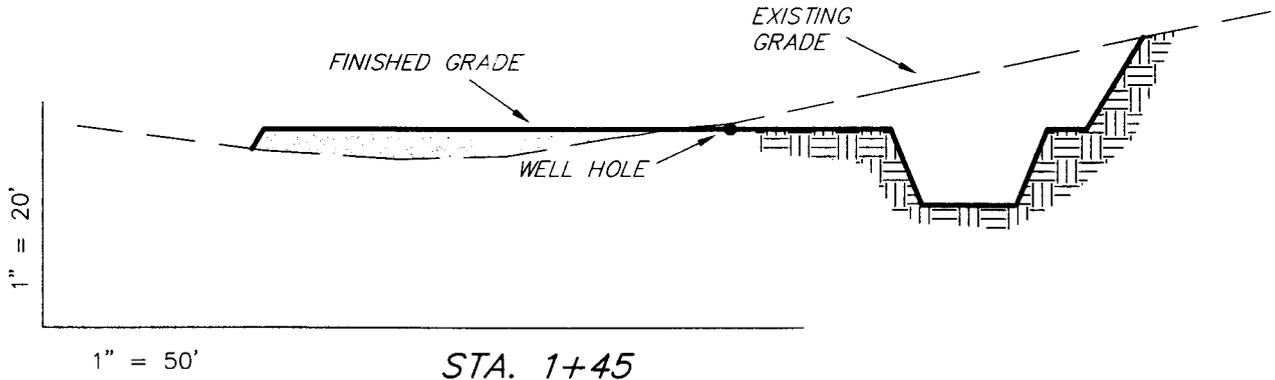
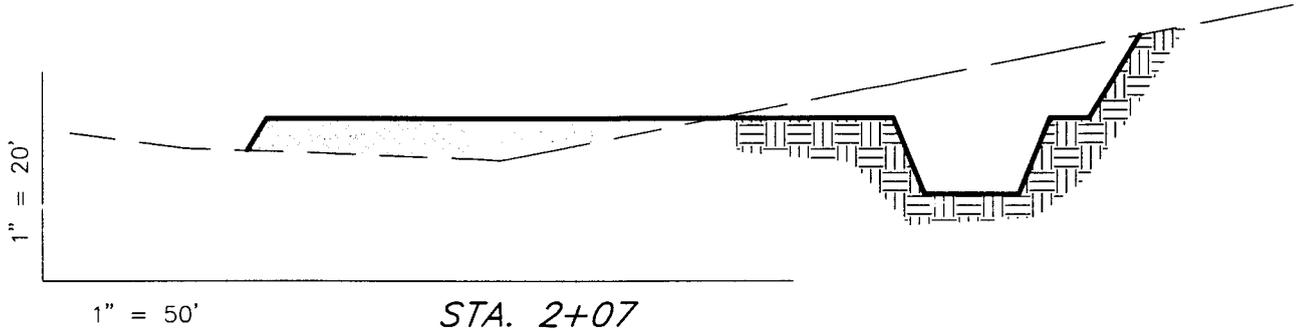
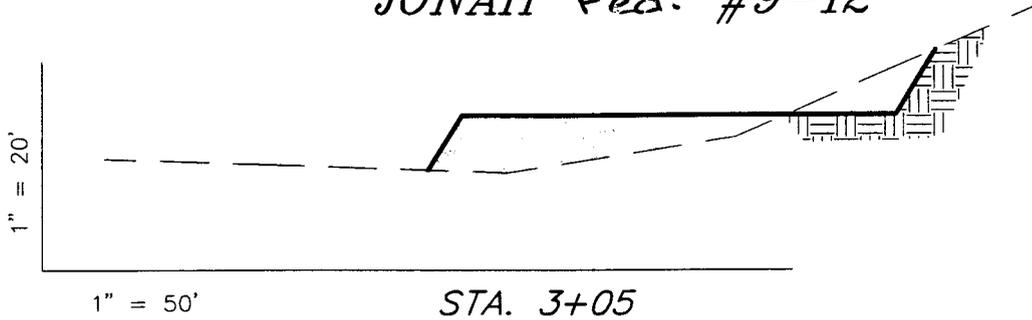
DATE: 7-29-02

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

INLAND PRODUCTION COMPANY
CROSS SECTIONS

JONAH Fed. #9-12



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 | 3,550 | 3,550 | Topsail is not included in Pad Cut | 0 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 4,190 | 3,550 | 1,010 | 640 |

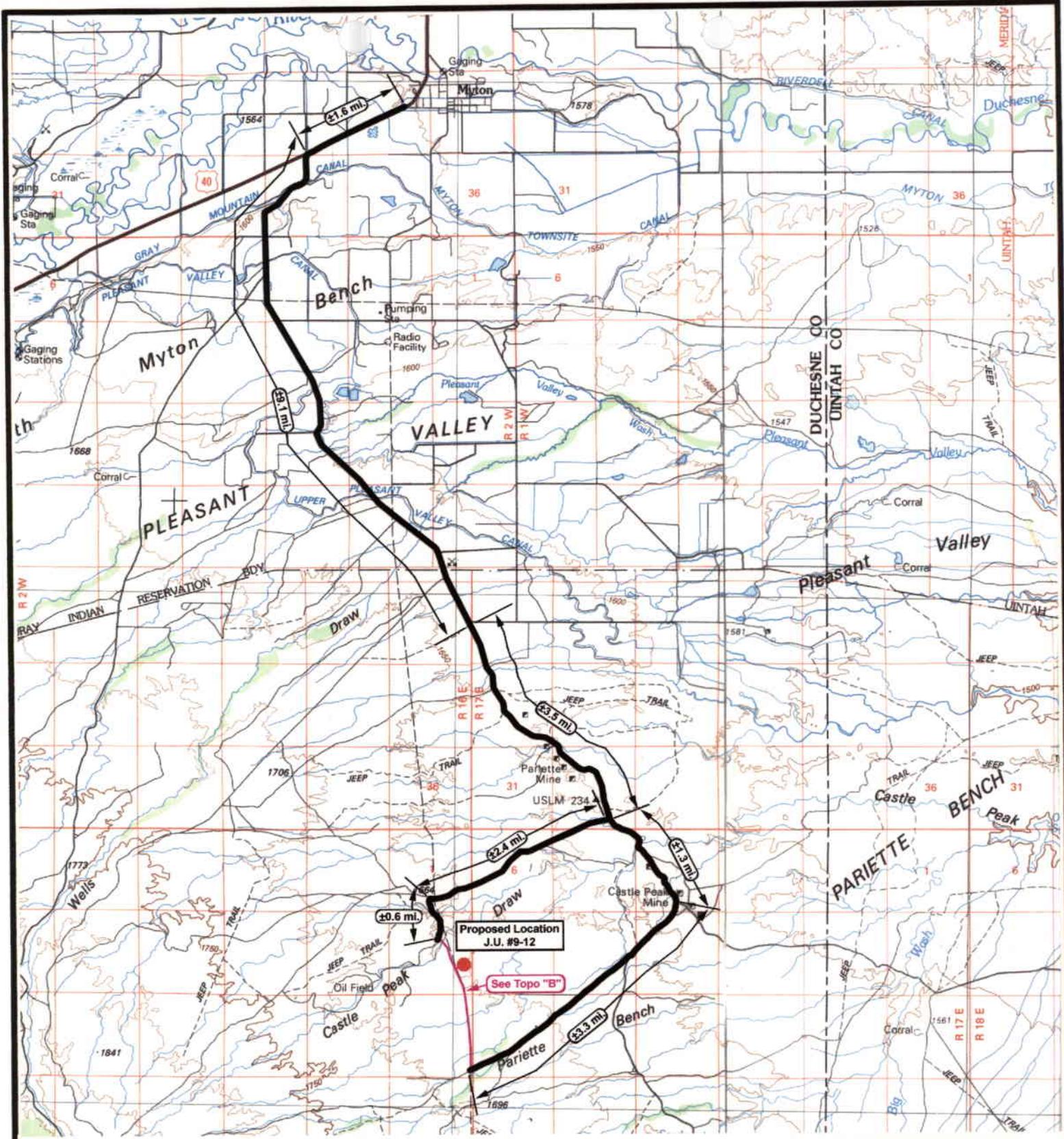
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 7-29-02

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



Proposed Location
J.U. #9-12

See Topo "B"



Jonah Fed #9-12
SEC. 12, T9S, R16E, S.L.B.&M.



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

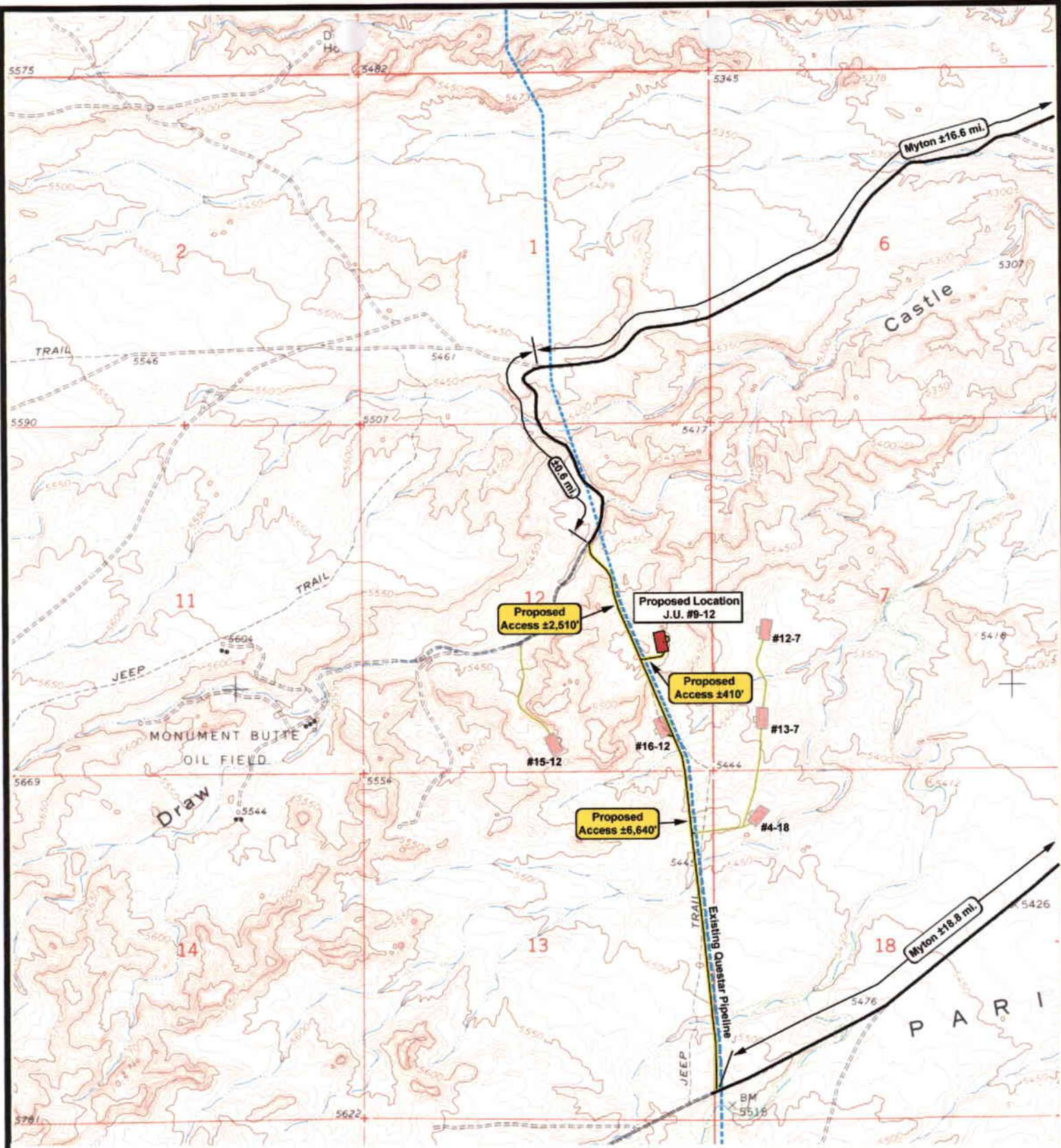
SCALE: 1 = 100,000
DRAWN BY: R.A.B.
DATE: 08-01-2002

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



Jonah Fed. #9-12
SEC. 12, T9S, R16E, S.L.B.&M.



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

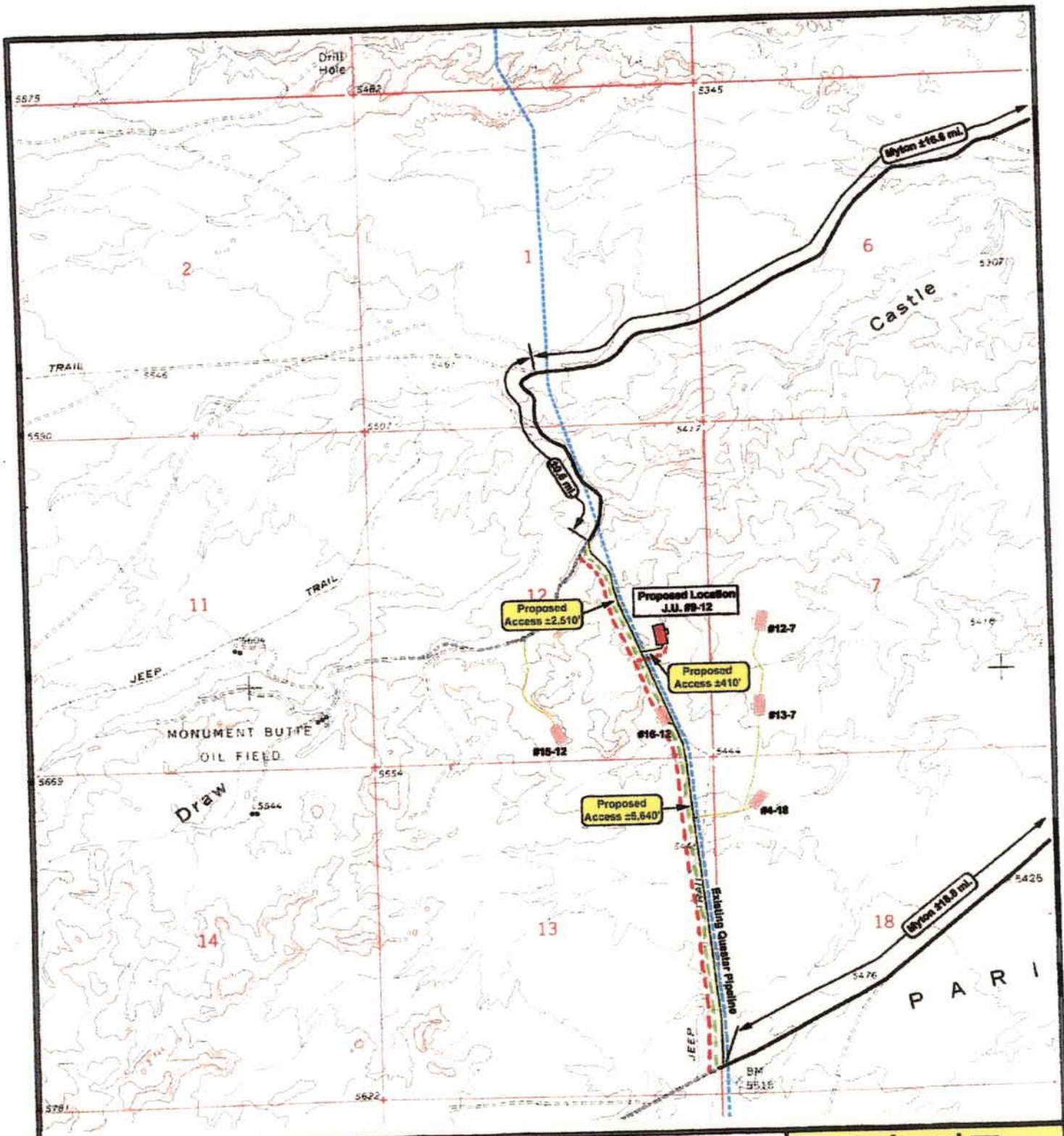
SCALE: 1" = 2000'
 DRAWN BY: R.A.B.
 DATE: 08-01-2002

Legend

- Existing Road
- Proposed Access
- Questar Pipeline

TOPOGRAPHIC MAP

"B"



**Jonah Unit #9-12
SEC. 12, T9S, R16E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 761-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: R.A.B.

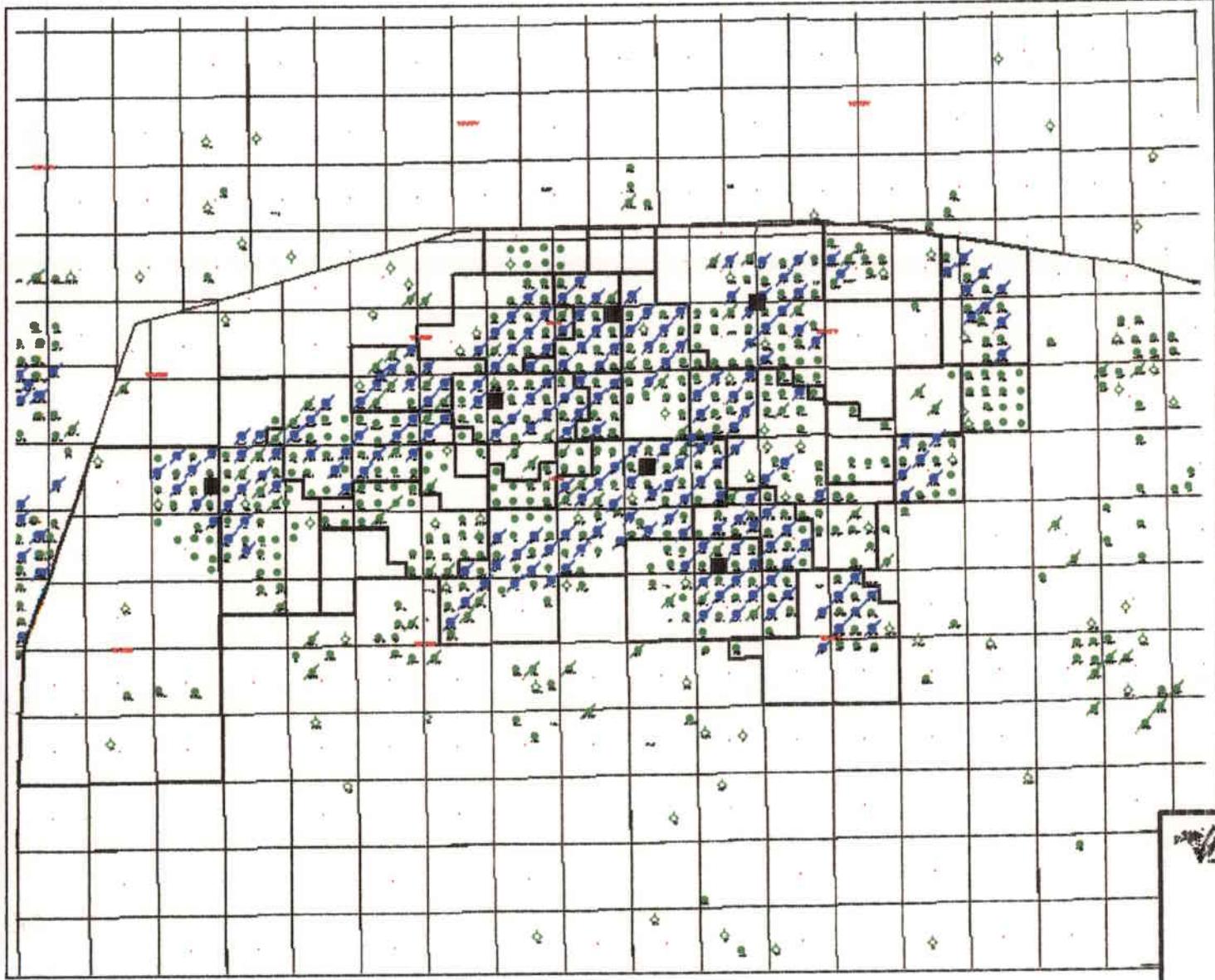
DATE: 08.01.2002

Legend

- Existing Road
- Proposed access
- Questar Pipeline
- Proposed water Line
- Proposed Gas Line

TOPOGRAPHIC MAP

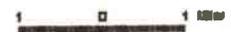




- Hecion Blacno
- Vaa Oatgobaa
- ◆ HAJ
- OIL
- ◆ DRY
- ◆ EASTIN
- UNB



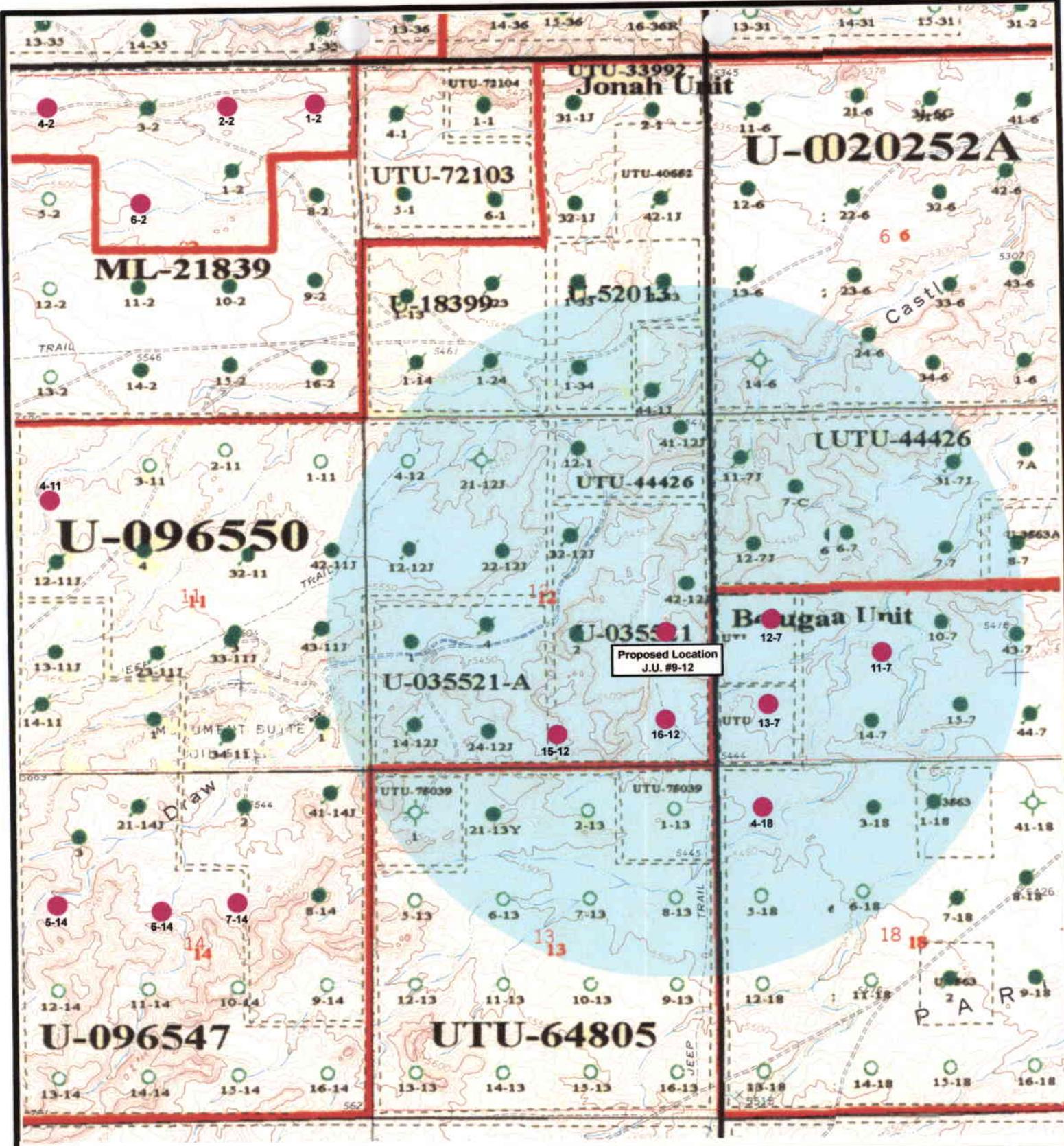
Exhibit "A"



Land
 220 1st Ave. Suite 100
 Denver, CO 80202
 Phone (303) 555-1422

Landmark
 1100 & 1420th, L1A11
 Subarea 21 (North Creek) in E. 2b

Map 10, 210 L-0497



Jonah Fed. #9-12
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" = 2000'
 DRAWN BY: R.A.B.
 DATE: 08-01-2002

Legend

- Proposed Locations
- One Mile Radius

Exhibit
"B"

2-M SYSTEM

Blowout Prevention Equipment Systems

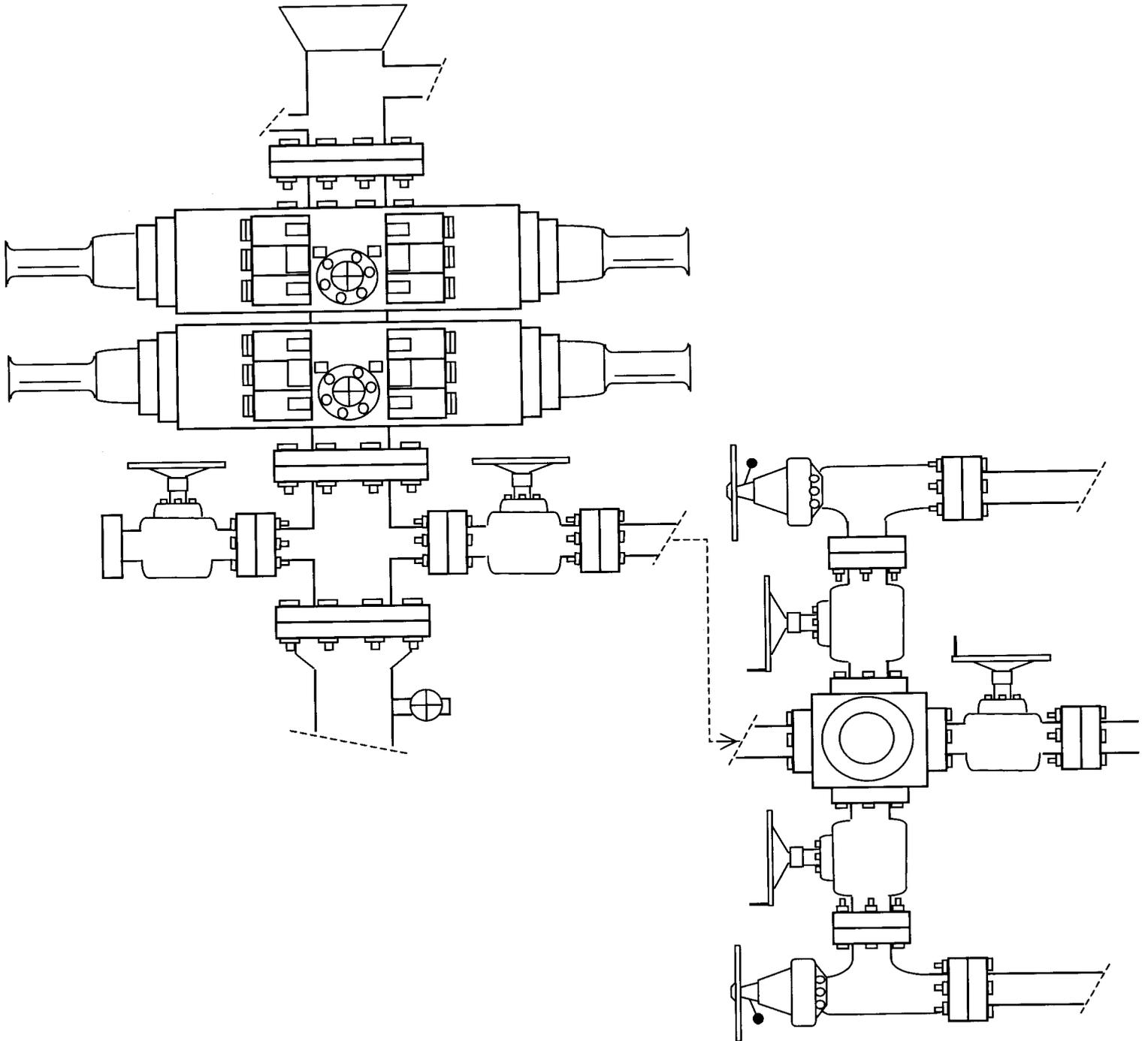


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2003

API NO. ASSIGNED: 43-013-32430

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 12 090S 160E
SURFACE: 1953 FSL 0729 FEL
BOTTOM: 1953 FSL 0729 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: 40.04350
LONGITUDE: 110.06013

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

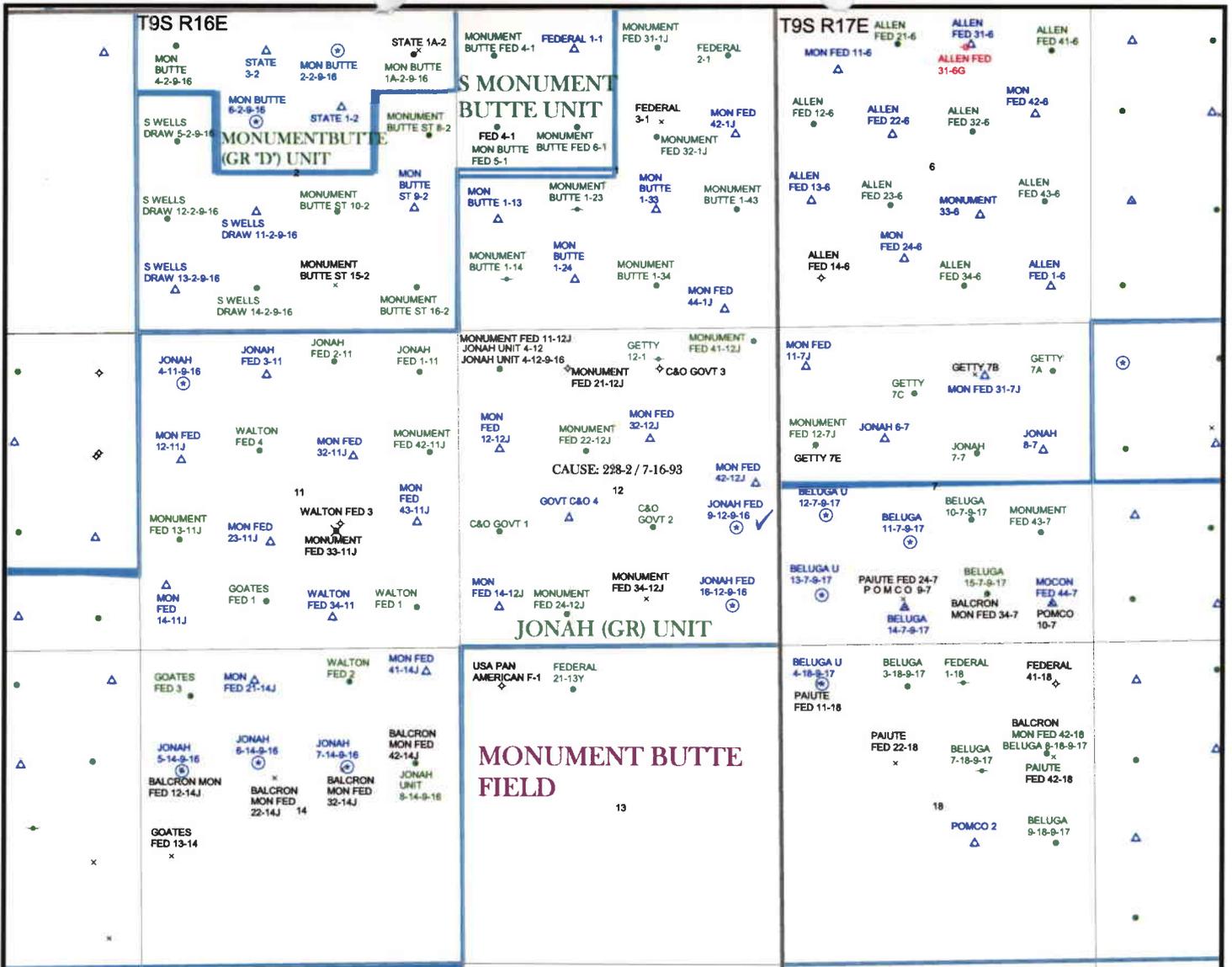
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

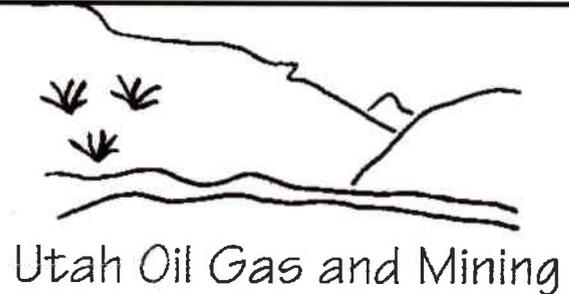
- R649-2-3.
- Unit JONAH (GREEN RIVER)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: Siting per unit agreement
- R649-3-11. Directional Drill

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



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 9-12-9-16 Well, 1953' FSL, 729' FEL, NE 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 43-013-32430.

Sincerely,

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 9-12-9-16
API Number: 43-013-32430
Lease: U-035521

Location: NE 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 type="checkbox"/> DEEPEN <input checked="" 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 9-12-9-16 | |
| 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 NE/SE 1953' FSL 729' FEL | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/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 17.8 miles south of Myton, Utah | | 13. STATE UT | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 729' f/lse line & 729' 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.) 5445' 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 |
| Refer to Monument Butte Field SOP's Drilling Program/Casing Design | | | |
| QUANTITY OF CEMENT | | | |

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 Manchie Coxier TITLE Permit Clerk DATE 2/13/03

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____ **NOTICE OF APPROVAL**

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 B. Cleavage Assistant Field Manager
Mineral Resources DATE 07/17/2003

RECEIVED

*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.

JUL 20 2003

DIV. OF OIL, GAS & MINING

03 P50314A

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company.

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

Lease Number: U-035521

API Number: 43-013-32430

Location: NESE 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

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: JONAH FED 9-12-9-16Api No: 43-013-32430 Lease Type: FEDERALSection 12 Township 09S Range 16E County DUCHESNEDrilling Contractor LEON ROSS RATHOLE RIG # 21**SPUDDED:**Date 08/28/03Time 4:00 PMHow 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 |
|-------------|--------------------|----------------|--------------|--------------------------|---------------|----|----|-----|----------|-----------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 11492 | 43-013-32430 | Jonah Federal #9-12-9-16 | NE/SE | 12 | 9S | 16E | Duchesne | August 28, 2003 | 9/10/2003 |

WELL 1 COMMENTS: *GRPV*

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|-------------------|---------------|----|----|-----|----------|-----------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 13870 | 43-013-32300 | Ashley 11-11-9-15 | NE/SW | 11 | 9S | 15E | Duchesne | August 28, 2003 | 9/10/2003 |

WELL 2 COMMENTS: *GRPV*

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 3 COMMENTS:

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 4 COMMENTS:

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 5 COMMENTS:

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

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

Kebble S. Jones
Signature
Kebble S. Jones
Production Clerk
September 2, 2003
Date

RECEIVED
SEP 02 2003
OIL & GAS & MINING

l
X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

009

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

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)

1953 FSL 726 FEL NE/SE Section 12, T9S R16E

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 9-12-9-16

9. API Well No.

43-013-32430

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 type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Weekly Status Report</u> |
| | <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 8-28-03 MIRU Ross # 21. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 315.03/ KB On 8-30-03 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

8/30/03

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

RECEIVED

Conditions of approval, if any:

CC: Utah DOGM

SEP 03 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 315.03

LAST CASING 8 5/8" SET T 315.03
 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 Fed 9-12-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 21

| LOG OF CASING STRING: | | | | | | | |
|---|------------|---|----------------|--|--------|-------|---------------|
| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
| | | 43.20' sh jt' shjt | | | | | |
| | | WHI - 92 csg head | | | 8rd | A | 0.95 |
| 7 | 8 5/8" | Maverick ST&C csg | 24# | J-55 | 8rd | A | 303.18 |
| | | GUIDE shoe | | | 8rd | A | 0.9 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 305.03 |
| TOTAL LENGTH OF STRING | | 305.03 | 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 | | | 315.03 |
| TOTAL | | 303.18 | 7 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 303.18 | 7 | | | | |
| TIMING | | 1ST STAGE | | | | | |
| BEGIN RUN CSG. | | SPUD | 8/28/03 | GOOD CIRC THRU JOB <u>yes</u> | | | |
| CSG. IN HOLE | | | 12:00pm | Bbls CMT CIRC TO SURFACE <u>4 bbls cement</u> | | | |
| BEGIN CIRC | | | | RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE | | | |
| BEGIN PUMP CMT | | | | DID BACK PRES. VALVE HOLD ? <u>N/A</u> | | | |
| BEGIN DSPL. CMT | | | | BUMPED PLUG TO _____ 210 _____ PSI | | | |
| PLUG DOWN | | Cemented | 8/30/03 | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 150 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | SHOW MAKE & SPACING | | | | | |
| Centralizers - Middle first, top second & third for 3 | | RECEIVED | | | | | |
| | | SEP 03 2003 | | | | | |

COMPANY REPRESENTATIVE

Ray Herrera

DATE

8/30/03

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

010

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 area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1953 FSL, 729 FEL
NE/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 9-12-9-16

9. API Well No.

4301332430

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 requires 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 07/08/04 – 07/15/04

Subject well had completion procedures initiated in the Green River formation on 07/08/04 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perf intervals were #1 (5495-5505') (4 JSPF); #2 (5112-5128') (4 JSPF); #3 (4926-4936') (4 JSPF); #4 (4793-4804') (4 JSPF); #5 (4637-4643') (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 07/10/04. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5937'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run in and anchored in well. End of tubing string @ 5572.20'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 7/15/04.

RECEIVED

JUL 20 2004

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Marnie Bryson

Title

Production Clerk

Signature
Marnie Bryson

Date

7/19/2004

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

Date

Office

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

011

| | | |
|--|--|---|
| SUBMIT IN TRIPLICATE - Other Instructions on reverse side | | 5. Lease Serial No. U035521 |
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 6. If Indian, Allottee or Tribe Name. |
| 2. Name of Operator Inland Production Company | | 7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT |
| 3a. Address Route 3 Box 3630 Myton, UT 84052 | 3b. Phone No. (include are code) 435.646.3721 | 8. Well Name and No. JONAH FEDERAL 9-12-9-16 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1953 FSL, 729 FEL NE/SE Section 12 T9S R16E | | 9. API Well No. 4301332430 |
| | | 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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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 _____ 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)

**RECEIVED
AUG 05 2004**

012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

5. LEASE DESIGNATION AND SERIAL NO.
U-035521
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
 7. UNIT AGREEMENT NAME
Jonah
 8. FARM OR LEASE NAME, WELL NO.
Jonah 9-12-9-16

2. NAME OF OPERATOR
INLAND RESOURCES INC.

9. WELL NO.
43-013-32430

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

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *)
 At Surface 1953' FSL & 729' FEL (NE SE) Sec. 12, T9S, R16E
 At top prod. Interval reported below

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

14. API NO. 43-013-32430 DATE ISSUED 2/19/2003
 12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 8/28/2003 16. DATE T.D. REACHED 6/29/2004
 17. DATE COMPL. (Ready to prod.) 7/15/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5445' GL 5457' KB
 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6004' 21. PLUG BACK T.D., MD & TVD 5937'
 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 23. ROTARY TOOLS X 23. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4637'-5505'
 25. WAS DIRECTIONAL SURVEY MADE No

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

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 315' | 12-1/4" | To surface with 150 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 5966' | 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 @ 5572' | TA @ 5442' |

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 |
|--------------------|------|------------|---------------------|---|
| (PC1) 5495'-5505' | .41" | 4/40 | 5495'-5505' | Frac w/ 24,064# 20/40 sand in 289 bbls fluid. |
| (A3) 5112'-5128' | .41" | 4/64 | 5112'-5128' | Frac w/ 55,197# 20/40 sand in 445 bbls fluid. |
| (B2) 4926'-4936' | .41" | 4/40 | 4926'-4936' | Frac w/ 66,157# 20/40 sand in 513 bbls fluid. |
| (C-sd) 4793'-4804' | .41" | 4/44 | 4793'-4804' | Frac w/ 32,557# 20/40 sand in 344 bbls fluid. |
| (D1) 4637'-4643' | .41" | 4/24 | 4637'-4643' | Frac w/ 19,333# 20/40 sand in 244 bbls fluid. |

33.* PRODUCTION

DATE FIRST PRODUCTION 7/15/2004 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 |
|--------------|--------------|------------|-------------------------|-----------|-----------|-------------|---------------|
| 10 day ave | | | → | 73 | 34 | 6 | 466 |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|-----------|-----------|-------------|-------------------------|
| | | → | | | | |

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

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 Engineering Technician DIV. OF DATE 8/19/2004

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

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|------------------------------|-----------------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | Well Name Jonah 9-12-9-16 | Garden Gulch Mkr | 3602' | |
| | | | | Garden Gulch 1 | 3810' | |
| | | | | Garden Gulch 2 | 3924' | |
| | | | | Point 3 Mkr | 4182' | |
| | | | | X Mkr | 4439' | |
| | | | | Y-Mkr | 4474' | |
| | | | | Douglas Creek Mkr | 4598' | |
| | | | | BiCarbonate Mkr | 4841' | |
| | | | | B Limestone Mkr | 4964' | |
| | | | | Castle Peak | 5333' | |
| | | | | Basal Carbonate | 5874' | |
| | | | | Total Depth (LOGGERS) | 6005' | |

Inland Resources Inc.

August 19, 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

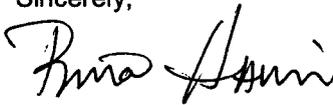
Jonah 9-12-9-16 (43-013-32430)
Duchesne County, Utah

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

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

RECEIVED
AUG 23 2004

DIV. OF OIL & GAS



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 |

013

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 |
| | | | | | | | | |
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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



May 20, 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 #9-12-9-16
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 #9-12-9-16 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,

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

Eric Sundberg
Regulatory Lead

RECEIVED
JUN 03 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

JONAH FEDERAL #9-12-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-035521

May 20, 2010

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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

Proposed Injection 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

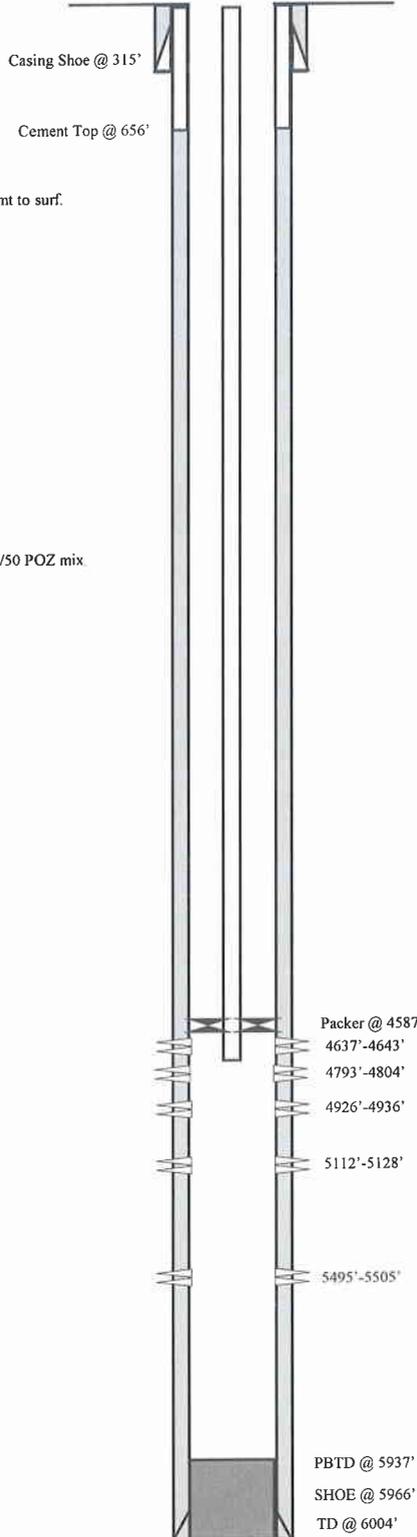
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (5968.45')
 DEPTH LANDED: 5966.45' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ mix
 CEMENT TOP AT: 656'

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

FRAC JOB

| | | |
|--------|-------------|---|
| 7/8/04 | 5495'-5505' | Frac CP1 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

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 #9-12-9-16 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 #9-12-9-16 well, the proposed injection zone is from Garden Gulch to Wasatch (3924' -6001'). 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 3601' and the TD is at 6004'.

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

The referenced log for the Jonah Federal #9-12-9-16 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 315' KB, and 5-1/2", 15.5# casing run from surface to 5966' 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 1889 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 #9-12-9-16, for existing perforations (4637' - 5505') calculates at 0.83 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 1889 psig. We may add additional perforations between 3601' and 6001'. 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 #9-12-9-16, the proposed injection zone (3924' - 6001') 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-12.

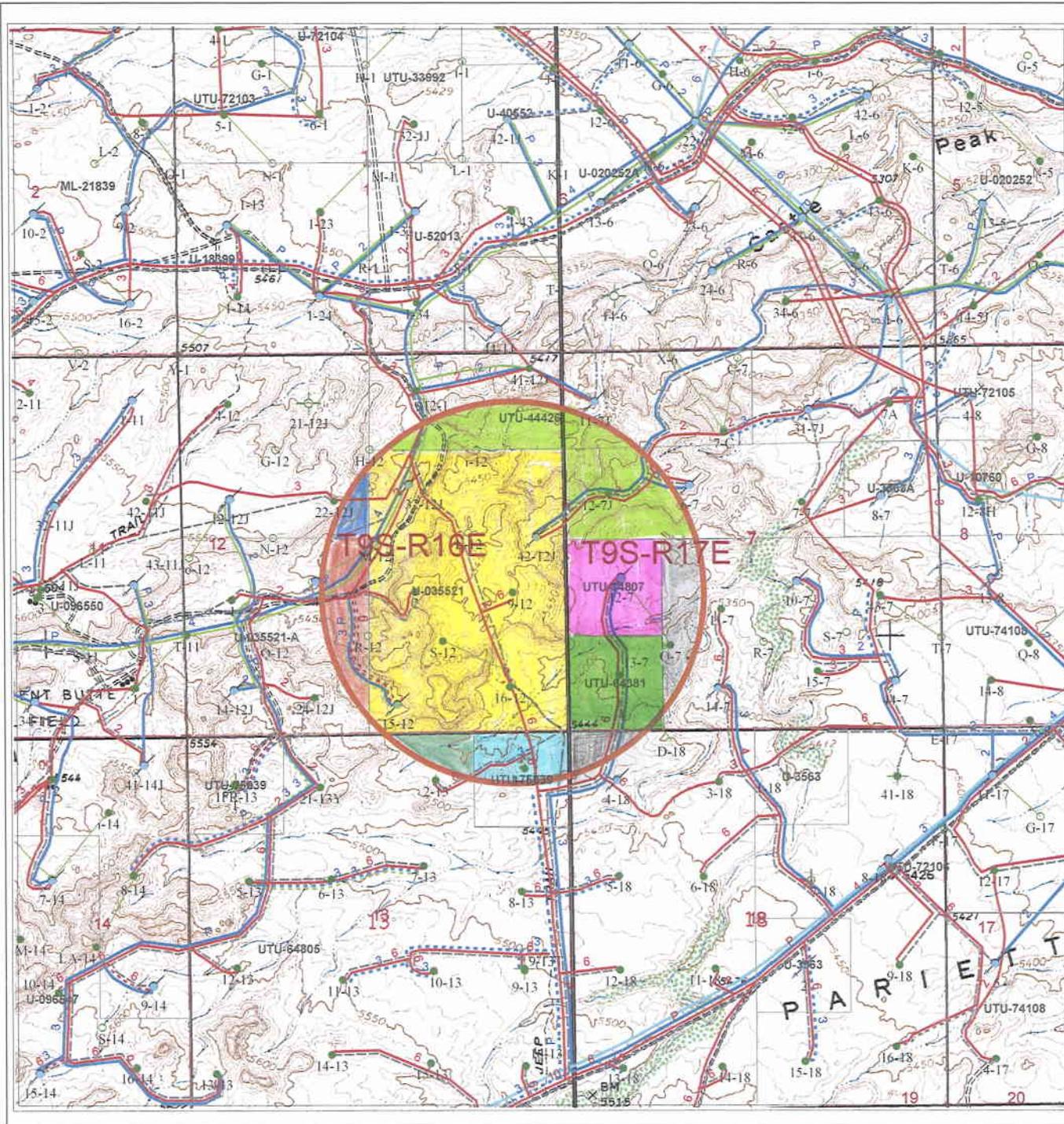
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Leases

- Mining tracts

Gas Pipelines

- Gathering lines
- ⋯ Proposed lines
- ⊕ 9-12-9-16 1/2mile radius

- UTU-035521
- UTU-096550
- UTU-035521-A
- UTU-64805
- UTU-75039
- UTU-72106
- UTU-64381
- UTU-74807
- UTU-44426

Attachment A

Jonah Federal 9-12-9-16
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

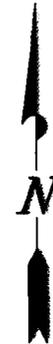
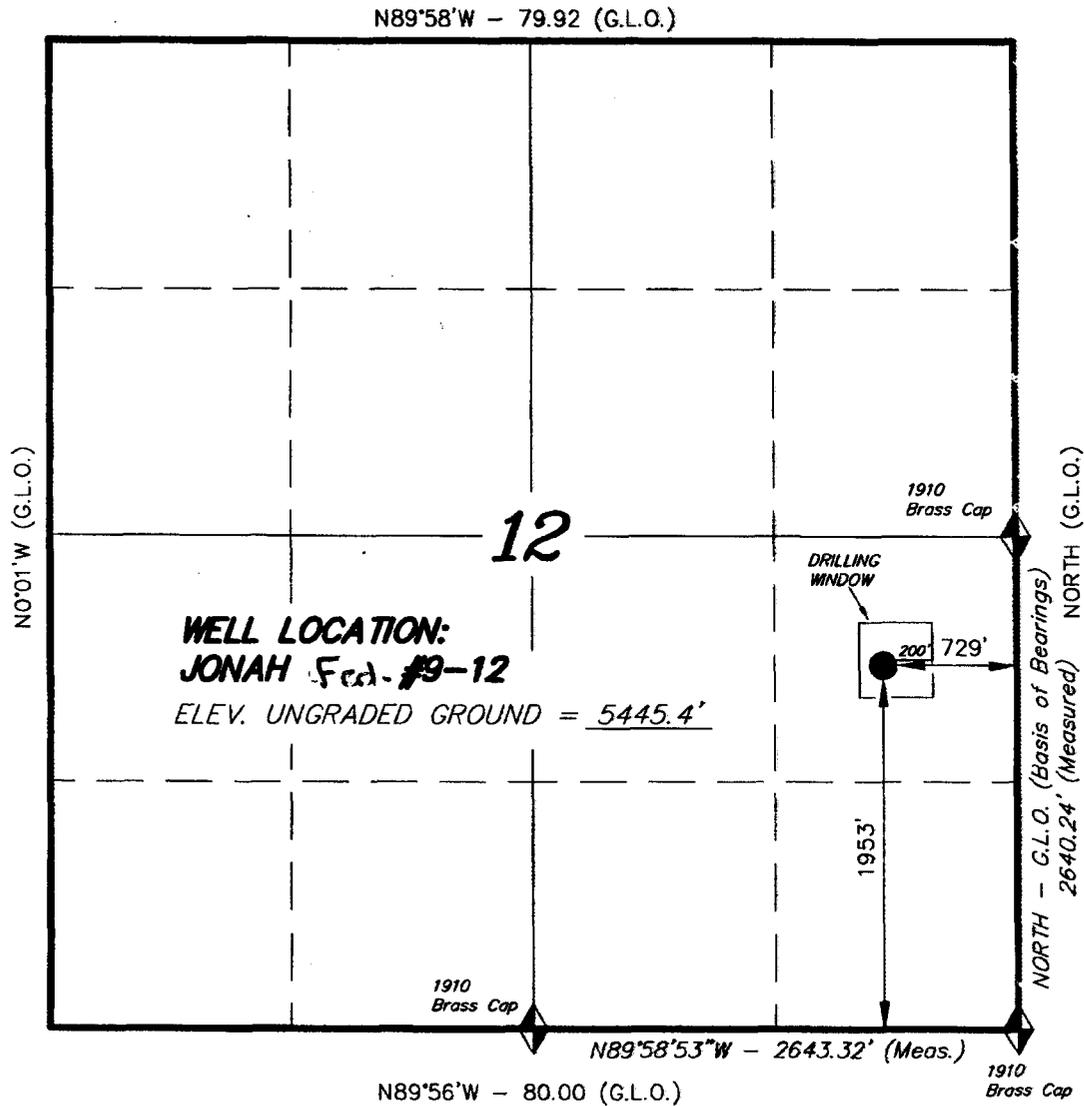
February 24, 2010

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

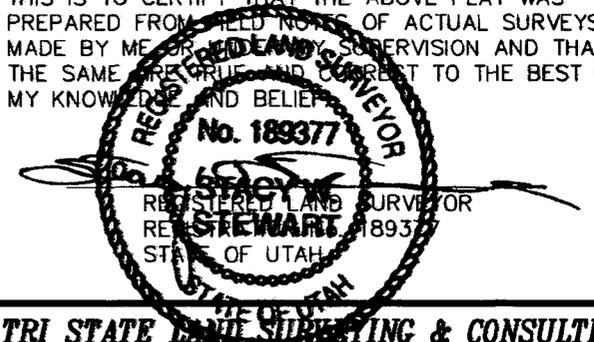
INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH Fed. #9-12,
 LOCATED AS SHOWN IN THE NE 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.



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: K.G.S. |
| DATE: 7-29-02 | DRAWN BY: 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 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE | USA UTU-096550 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 3 | <u>Township 9 South, Range 16 East SLM</u> Section 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 |
| 4 | <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 |

EXHIBIT B

| # | Legal Description | Lessor & Expiration | Lessee & Operating Rights | Surface Owner |
|----------|--|--------------------------------|--|----------------------|
| 5 | <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 |
| 6 | <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 |
| 7 | <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 |
| 8 | <u>Township 9 South, Range 17 East SLM</u> Section 7: Lot 3 | USA UTU-74807 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 9 | <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 #9-12-9-16

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: *Eric Sundberg*
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 21st day of May, 2010.

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

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



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
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 NO OF JOINTS: 2 jts (62.91')
 TOTAL STRING LENGTH: BOT @ 5572.20' W/12' KB

SUCKER RODS

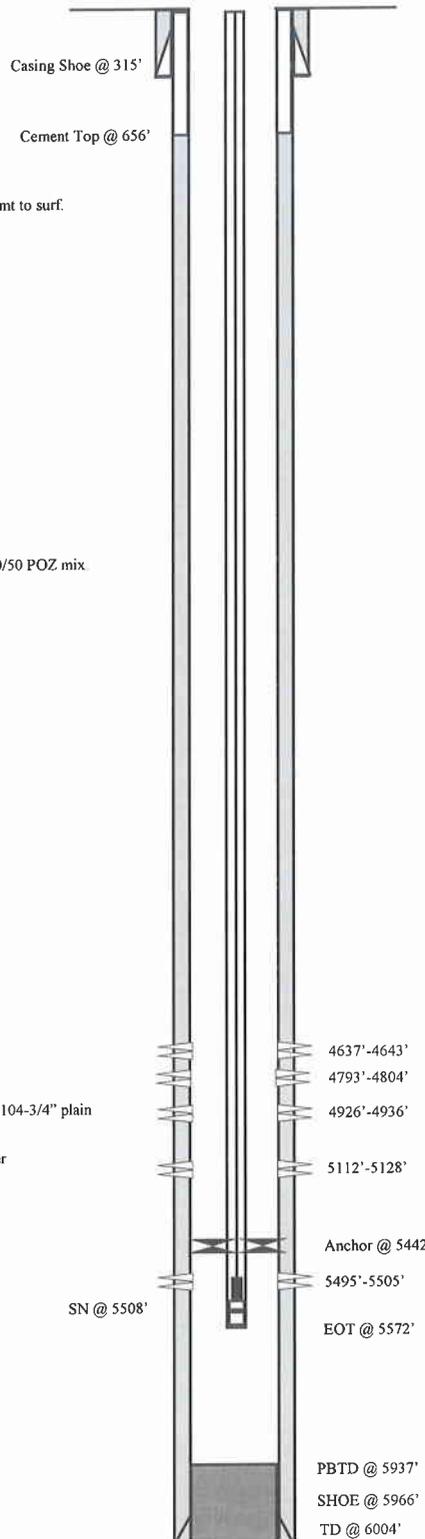
POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 6-1 1/2" weight rods, 10-3/4" scraped rods, 104-3/4" plain rods, 100-3/4" scraped rods, 1-8' & 1-2' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

| | | |
|--------|-------------|--|
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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

Balcron Monument Federal #32-12j

Elev. @ GL = 5417', KB = 5427' (10' KB)

Injection Wellbore Diagram

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 255.30'.
 Hole size @ 12-1/4".
 Depth Landed @ 263' KB
 Cemented w/160 sacks "G" w/
 2% CCL & 1/4 lbs/sack Celoflakes.
 Cemented to surface.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5787.96'.
 Hole size @ 7-7/8".
 Depth Landed @ 5796.96' KB
 Cemented w/238 sacks Thrifty-Lite and
 tailed w/250 sacks 50-50 POZ.
 Cement top @ 933' per CBL

TUBING

2-7/8", 6.5#, J-55
 152 jnts @ 4753.5'
 SN @ 2-7/8" x 1.10" (2.25" ID)
 Perf Sub @ 2-7/8" x 3'
 TA @ 2-1/2"x5-1/2"x2.35'
 MA @ 2-7/8"x 31.10'
 Total string length @ 5018.94' KB
 SN landed @ 4984.64' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 198 - 3/4" x 25' D-61 Plain Rods

Pump size @ 2-1/2"x1-1/2"x16' RWAC
 w/PA plunger.

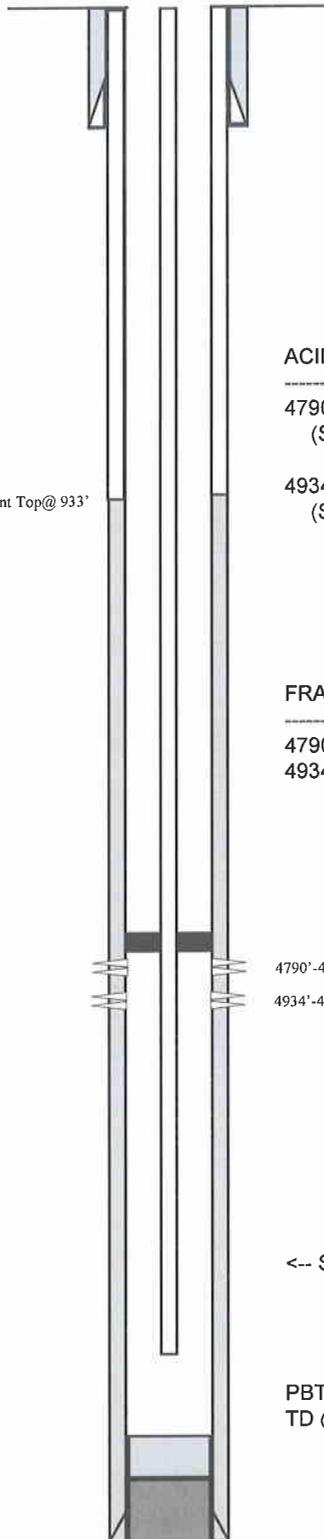
Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-8

Ajax Engine Model E-42

Tanks - 2 @ 12'x20' (400 bbl)

Cement Top@ 933'



ACID/BREAKDOWN JOBS

4790'-4798' KB - 4-18-94 by Western w/500 gals
 (Stage #1) 15% HCL acid. ISIP 950 psi.
 4934'-4938' KB - 4-18-94 by Western w/500 gals
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

FRAC JOBS

4790'-4798' KB & 4-18-94 by Western w/37,340#
 4934'-4938' KB - 16/30 mesh sand in 18,388 gals
 2% KCL gelled wtr. ATP 2700 psi,
 max 2990 psi. ATR 30 BPM,
 max 30.4 BPM. ISIP 1850 psi,
 5 min 1680 psi, 10 min 1560 psi,
 & 15 min 1500 psi.

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

4790'-4798' red 5 sds
 4934'-4938' green 1 sds

<-- SN landed @ 4984.64' KB

PBTD @ 5751.65' KB
 TD @ 5,800' KB

NEWFIELD

BALCRON MONUMENT FEDERAL #32-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521
 SW NE Section 12, T9S, R16E
 Duchesne County, Utah

Balcron Monument Federal #12-7J-9-17

Spud Date: 6/2/1995
Put on Production: 7/5/1995

GL: 5438' KB: 5448'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (262.75')
DEPTH LANDED: 271'
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: 132 jts. (5709.04')
DEPTH LANDED: 5703'
HOLE SIZE: 7-7/8"
CEMENT DATA: 160 sxs Super "G" cmt + 204 sxs 50/50 POZ.
CEMENT TOP AT: 1700' per CBL

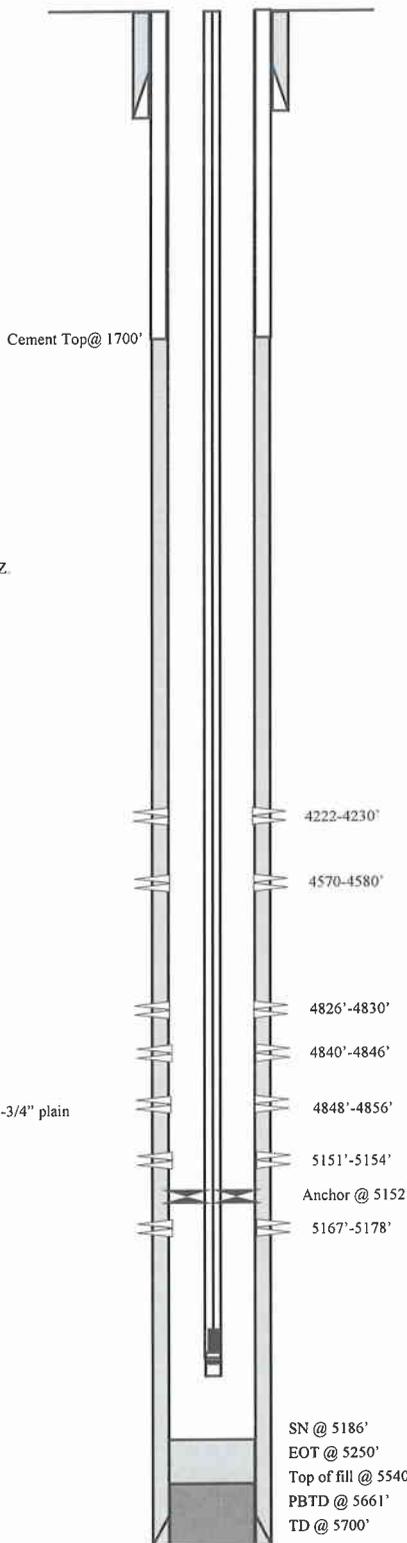
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 164 jts (5142.16')
TUBING ANCHOR: 5152.16'
NO OF JOINTS: 1 jts (30.90')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5185.86' KB
NO OF JOINTS: 2 jts (62.95')
TOTAL STRING LENGTH: EOT @ 5250.36'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1 1/2" weight rods; 11-3/4" scraped rods, 100-3/4" plain rods, 90-3/4" scraped rods, 2-2", 2-4", 1-6" x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5.5 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 59.7BOPD,
NM MCFD, 25 BWPD

FRAC JOB

6/20/95 5151'-5178' **Frac zone as follows:**
18,920# 20/40 sand + 29,760# 16/30 sand in 385 bbls frac fluid. Treated @ avg press of 2400 psi w/avg rate of 34.5 BPM. ISIP 2500 psi. Calc flush: 5151 gal. Actual flush: 5109 gal.

6/22/95 4826'-4856' **Frac zone as follows:**
63,500# 16/30 sand in 443 bbls frac fluid. Treated @ avg press of 3400 psi w/avg rate of 31.8 BPM. ISIP 4500 psi. Calc flush: 4826 gal. Actual flush: 4784 gal.

10/27/01
1/15/02 Tubing leak Update rod and tubing details.
Pump change Update rod details.

07/26/06 **Recompletion Update rod & Tubing details with new Fracs.**

07/27/06 4570'-4580' **Frac DS2 Sands as follows:**
14918# 16/30 sand in 171 bbls of Lighting 17 frac fluid. Treated @ avg press of 3166 psi w/avg rate of 14.4 BPM. ISIP 2275 psi. Calc flush: 2131 gal. Actual flush: 1134 gal.

07/27/06 4222'-4230' **Frac GB6 Sands as follows:**
29396# 16/30 sand in 272 bbls of Lighting 17 frac fluid. Treated @ avg press of 3338 psi w/avg rate of 14.3 BPM. ISIP 2025 psi. Calc flush: 1305 gal. Actual flush: 1050 gal.

PERFORATION RECORD

| | | | |
|----------|-------------|--------|----------|
| 6/19/95 | 5167'-5178' | 4 JSPF | 44 holes |
| 6/19/95 | 5151'-5154' | 4 JSPF | 12 holes |
| 6/22/95 | 4848'-4856' | 4 JSPF | 32 holes |
| 6/22/95 | 4840'-4846' | 4 JSPF | 24 holes |
| 6/22/95 | 4826'-4830' | 4 JSPF | 16 holes |
| 07/26/06 | 4570'-4580' | 4 JSPF | 40 holes |
| 07/26/06 | 4222'-4230' | 4 JSPF | 32 holes |

NEWFIELD

Balcron Monument Fed. #12-7J-9-17
1965' FNL & 620' FWL
SWNW Section 12-T9S-R17E
Duchesne Co, Utah
API #43-013-31493; Lease #U-44426

Balcron Monument Federal #42-12j

Wellbore Diagram

Elev.GR - 5474.4' GL
Elev.KB - 5484' KB (10' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (264.2 ft)
DEPTH LANDED: 274.20' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs class "G" + 2% CaCl
+ 1/4 #/sk cello-seal

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts (5690.02 ft)
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 (per CBL)

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 165 jts (5172.15 ft)
TUBING ANCHOR: 2.80' @ 5182.15' KB
NO. OF JOINTS: 1 jts (31.35 ft)
SEATING NIPPLE: 2-7/8" (1.10 ft)

MUD ANCHOR: 2-7/8" x 31.22'

TOTAL STRING LENGTH: (EOT @ 5248.62' KB)
SN LANDED AT: 5216.30' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22' SM
SUCKER RODS: one - 3/4" x 4' pony
207 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 5195.5 ft

PUMP NUMBER: Axelson N35
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
w/ SM plunger

STROKE LENGTH: 86 in
PUMP SPEED, SPM: 5 SPM
PUMPING UNIT SIZE: LUFKIN 320-246L-86
PRIME MOVER: AJAX E-42

ACID JOB /BREAKDOWN

6/27/95 5144' - 5167' 40 HOLES : 2146 gal 2% KCl gel w/ 75 ball sealers. Balled Off. ATP-2000 psi, Max-5000 psi, ATR - 4.2 bpm, ISIP - 1100 psi
6/30/95 4841' - 4862' 68 HOLES : 2528 gal 2% KCl gel w/ 125 ball sealers. Balled Off. ATP-2600 psi, Max-5000 psi, ATR-5.7 bpm, Max-5.9 bpm, ISIP - 1000 psi.
7/5/95 4418' - 4424' 6 HOLES : 1638 gal 2% KCl wtr w/ 12 ball sealers. Ball action. ATP-3200 psi, Max-5000 psi, ATR - 4.7 bpm, ISIP - 1600 psi

FRAC JOB

6/28/95 5144' - 5167' 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' 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,
7/5/95 4227' - 4234' & 4418' - 4424' 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.

PERFORATION RECORD

| Date | Company | Depth Range | Length | SPF | Holes | Yield |
|---------|--------------|---------------|--------|-------|----------|-------|
| 7/3/95 | Schlumberger | 4227' - 4234' | (7 ft) | 1 SPF | 7 Holes | Y3 |
| | | 4418' - 4424' | (6 ft) | 1 SPF | 6 Holes | Y5 |
| 6/30/95 | Schlumberger | 4841' - 4850' | (9 ft) | 4 SPF | 36 Holes | R5 |
| | | 4854' - 4862' | (8 ft) | 4 SPF | 32 Holes | R5 |
| 6/27/95 | Schlumberger | 5144' - 5146' | (2 ft) | 2 SPF | 4 Holes | G4 |
| | | 5148' - 5150' | (2 ft) | 2 SPF | 4 Holes | G4 |
| | | 5161' - 5167' | (6 ft) | 4 SPF | 24 Holes | G4 |

10/14/05 5 Year MIT 5 Year MIT Complete

4227'-4234' GB-6 sds

4418'-4424' PB-10 sds

4841'-4850' C sds

4854'-4862' C sds

5144'-5146'

TA LANDED @ 5182' KB

SN LANDED @ 5216' KB
EOT LANDED @ 5249' KB

PBTD @ 5654' KB
TD @ 5700' KB

TOC @ 530' KB



Balcron Monument Fed. #42-12J
SE NE Sec.12, T9S, R16E
2550' FNL, 391' FEL
Lease #U-035521
Jonah Unit / Monument Butte Field
Duchesne County, Utah

C & O Gvmt. 4-12-9-16

Spud Date: 4/14/83
 Put on Production: 6/02/83
 Put on Injection: 10/27/94
 GL: 5450' KB: 5462'

Initial Production: 110 BOPD,
 60 MCFD, 0 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts
 DEPTH LANDED: 292'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 241 cu ft Class "G" cement.

PRODUCTION CASING

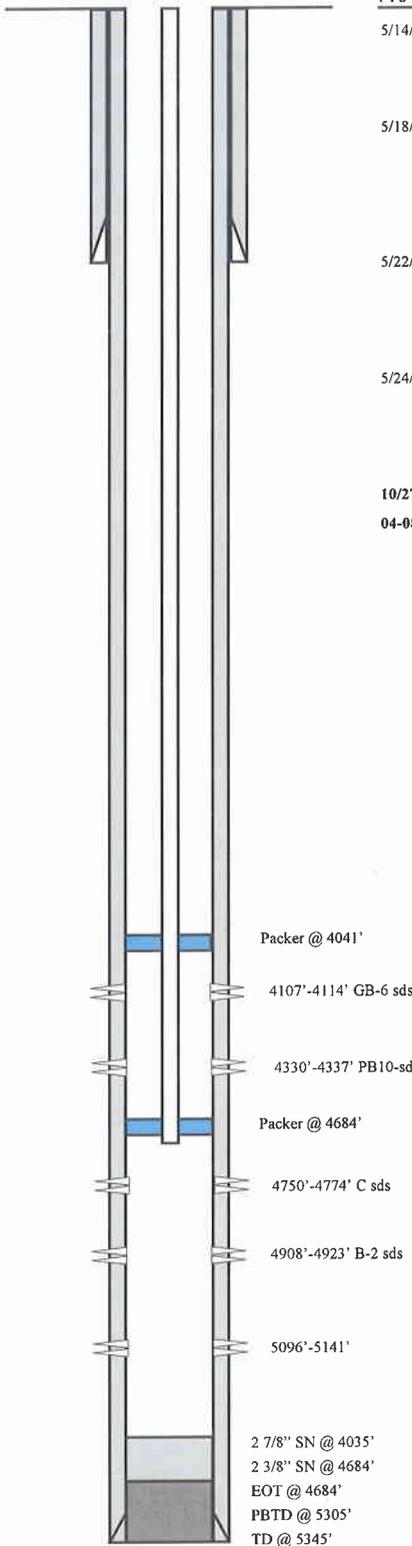
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts
 DEPTH LANDED: 3546'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 633 cu. ft Hilift slurry + 338 cu. ft RFC slurry
 CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4021.48')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4035.18' KB
 PACKER: 4041.38'
 SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.5#
 NO. OF JOINTS: 20 jts (635.06')
 PACKER: 4683.24'
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4684.34' KB
 TOTAL STRING LENGTH: EOT @ 4684.34'

FRAC JOB

| | | |
|----------|-------------|---|
| 5/14/83 | 5096'-5138' | Frac zone as follows: 68,000# 20/40 sand in 393 bbls frac fluid. Treated @ avg press of 1625 psi w/avg rate of 20 BPM. Screened out |
| 5/18/83 | 4908'-4923' | Frac zone as follows: 37,000# 20/40 sand + 6,000# 10/20 sand in 568 bbls frac fluid. Treated @ avg press of 2180 psi w/avg rate of 20 BPM. Calc. flush: 4908 gal. Actual flush: 4870 gal. |
| 5/22/83 | 4750'-4774' | Frac zone as follows: 55,000# 20/40 sand in 672 bbls frac fluid. Treated @ avg press of 1600 psi w/avg rate of 21 BPM. Calc. flush: 4750 gal. Actual flush: 4748 gal. |
| 5/24/83 | 4107'-4337' | Frac zone as follows: 55,000# 20/40 sand in 526 bbls frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24 BPM. Calc. flush: 4107 gal. Actual flush: 4100 gal. |
| 10/27/94 | | Convert to injector. Update tbg details. |
| 04-08-10 | | 5 Yr MIT |



PERFORATION RECORD

| | | |
|---------|-------------|----------|
| 5/13/83 | 5096'-5141' | 18 holes |
| 5/17/83 | 4908'-4923' | 22 holes |
| 5/21/83 | 4750'-4774' | 24 holes |
| 5/23/83 | 4330'-4337' | 08 holes |
| 5/23/83 | 4107'-4114' | 08 holes |

NEWFIELD

C & O Gvmt. #4-12-9-16
 2140' FSL & 1820' FWL
 NESW Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30742; Lease #U-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

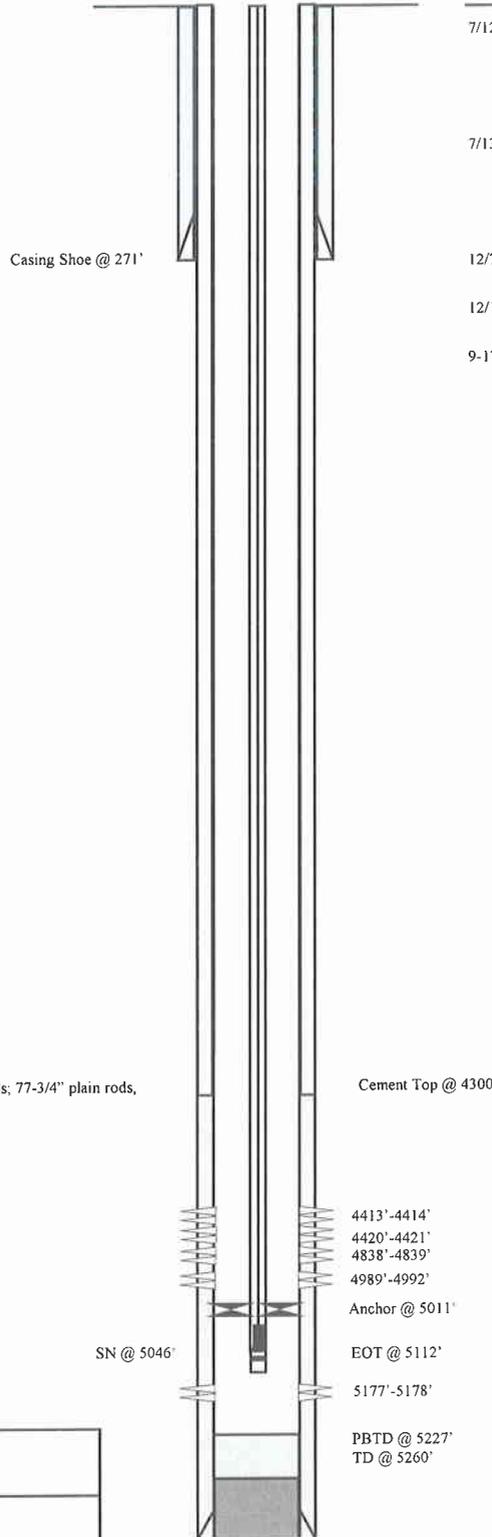
SIZE/GRADE/WT: 2-7/8" / J-55
 NO OF JOINTS: 161 jts (5000.62')
 TUBING ANCHOR: 5010.62'
 NO OF JOINTS: 1 jts (32.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5046.06'
 NO OF JOINTS: 2 jts (64.32')
 TOTAL STRING LENGTH: EOT @ 5111.53'

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 perfs. Approx. 34,000# sand in perfs. |
| 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 SPF | 04 holes |
| 7/11/65 | 4838'-4839' | 4 SPF | 04 holes |
| 7/11/65 | 4420'-4421' | 4 SPF | 04 holes |
| 7/11/65 | 4413'-4414' | 4 SPF | 04 holes |
| 7/13/84 | 4989'-4992' | 4 SPF | 16 holes |



C&O Govt. #2
 1980' FSL & 2080' FEL
 NWSE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-15112; Lease #U-035521

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

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.

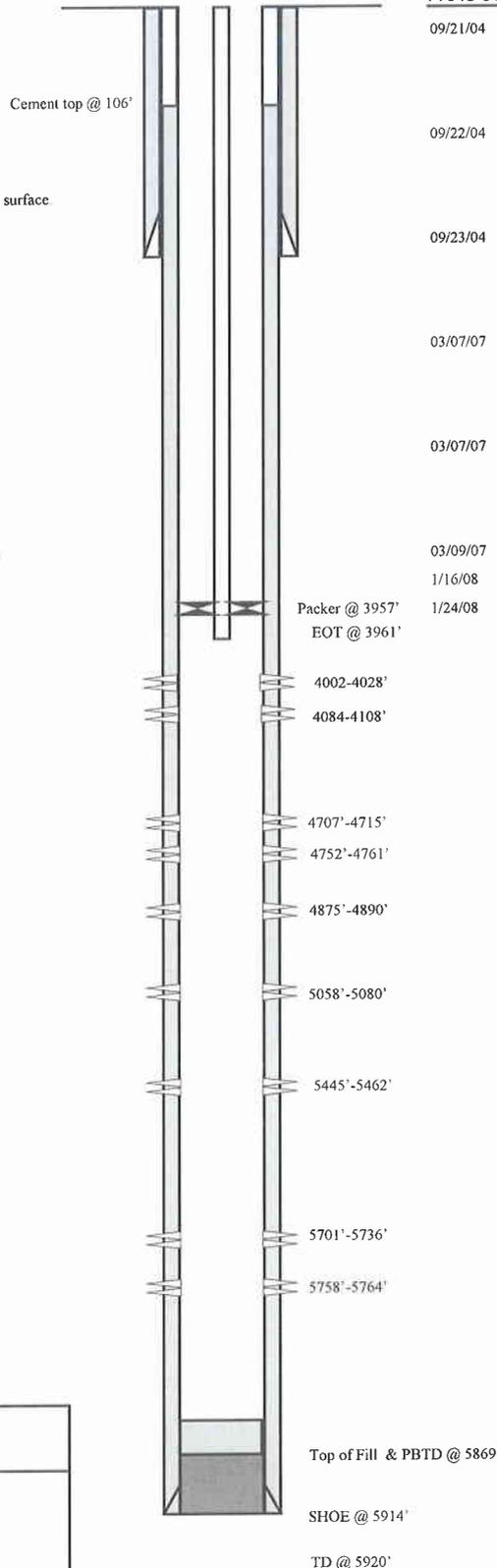
PRODUCTION CASING

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 Premilite 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

Injection Wellbore Diagram



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 perfs 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

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

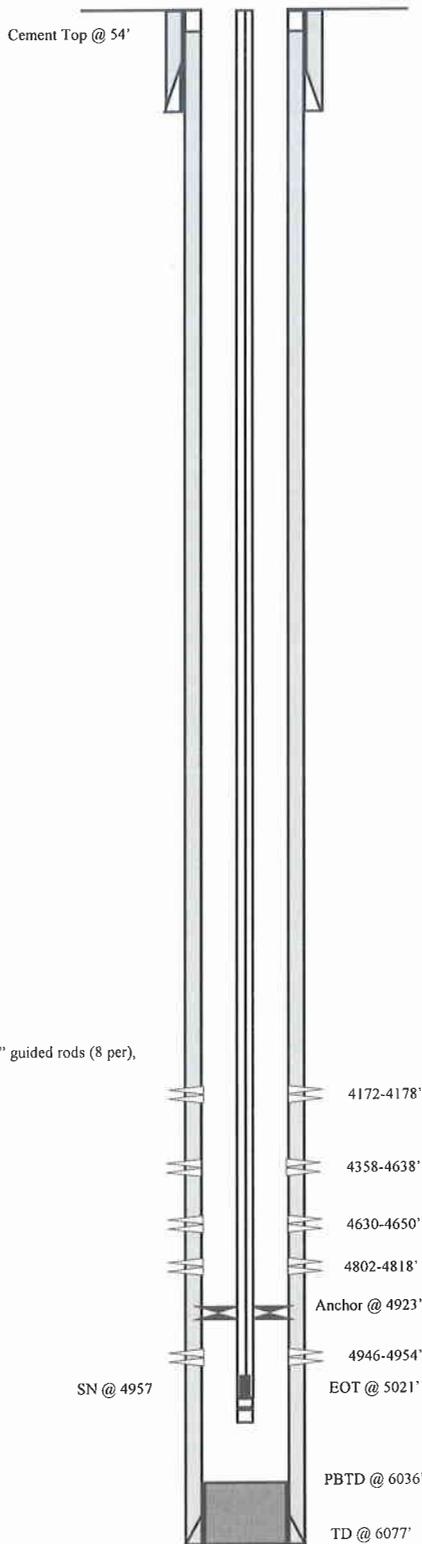
CSG SIZE: "
 GRADE:
 WEIGHT: #
 LENGTH: jts ('
 DEPTH LANDED: '
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx premlite and 475 sx 50/50 poz
 CEMENT TOP AT: 54'

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

| Date | Interval | Holes |
|----------|------------|----------|
| 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

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 Premlite 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.

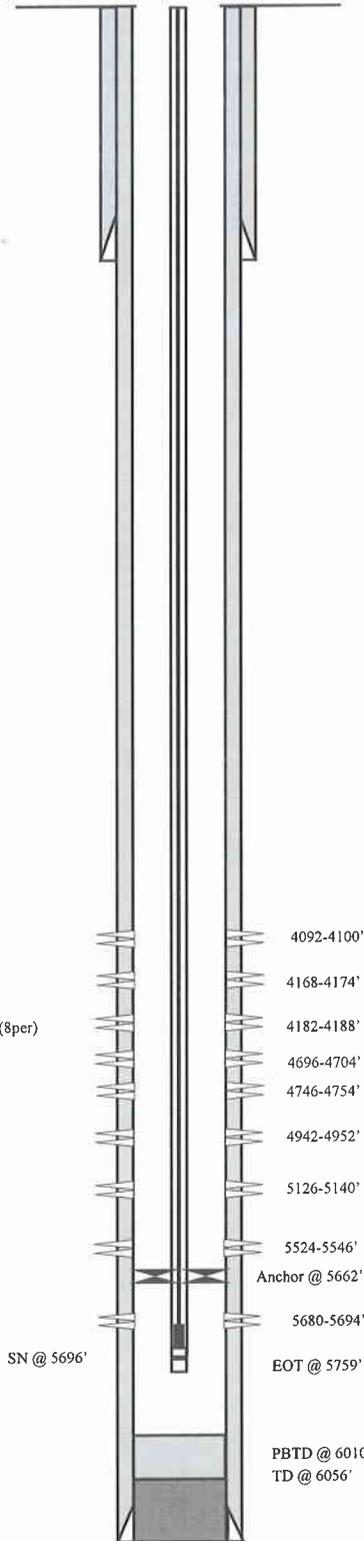
8-22-08 4696-4704' **Frac D2/D3 sds** as follows:
 35,356# 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1776 psi w/ ave rate of 23.2 BPM. ISIP 2056 psi. Actual flush: 4116 gals.

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

| | | | |
|---------|------------|-------|----------|
| 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
 NWSW Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-33924; Lease #UTU-72106

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

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.

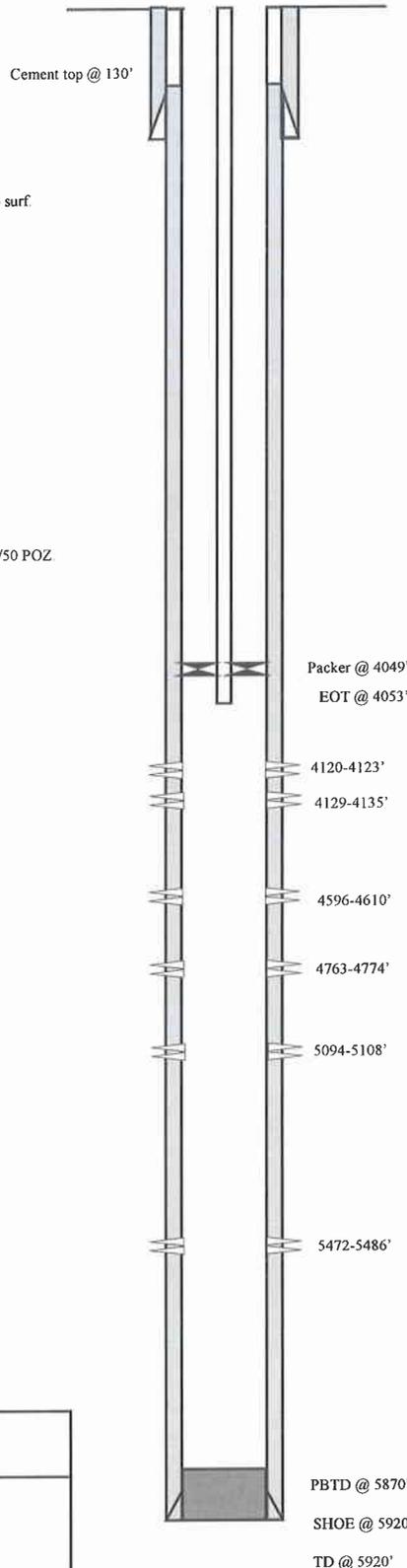
PRODUCTION CASING

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

Injection Wellbore Diagram



FRAC JOB

| | | |
|----------|------------|---|
| 11-07-05 | 5472-5486' | Frac CP1, 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 CB6 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

| | | | |
|----------|------------|--------|----------|
| 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

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 489 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.

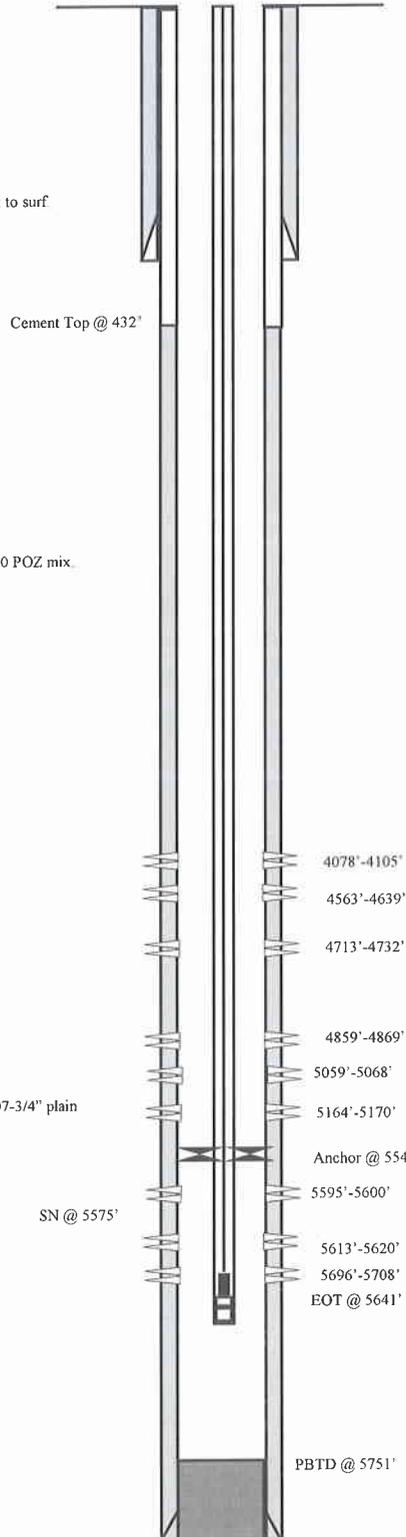
7/19/04 4713'-4732' **Frac C sands as follows:**
 60,016# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24.7 BPM. ISIP 2220 psi. Calc flush: 4711 gal. Actual flush: 4757 gal.

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 #U-035521

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# 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.

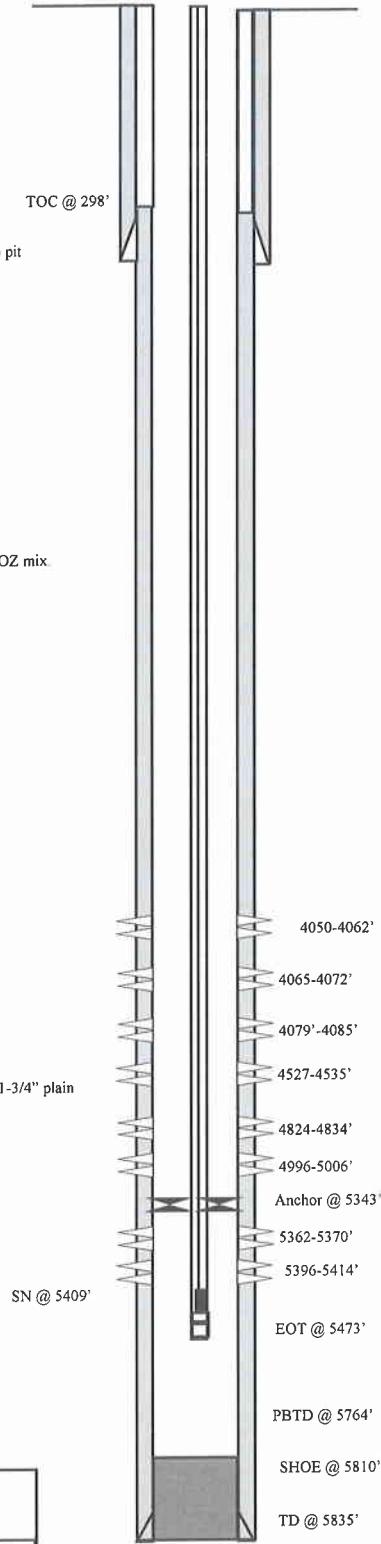
9/14/04 4996-5006' **Frac A1 sands as follows:**
 49,839# 20/40 sand in 416 bbls Lightning
 Frac 17 fluid Treated @ avg press of 1577 psi
 w/avg rate of 25.4 BPM ISIP 2060 psi. Calc
 flush: 4993gal. Actual flush: 4994 gal.

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.
 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 | Depth Range | 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 |



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

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

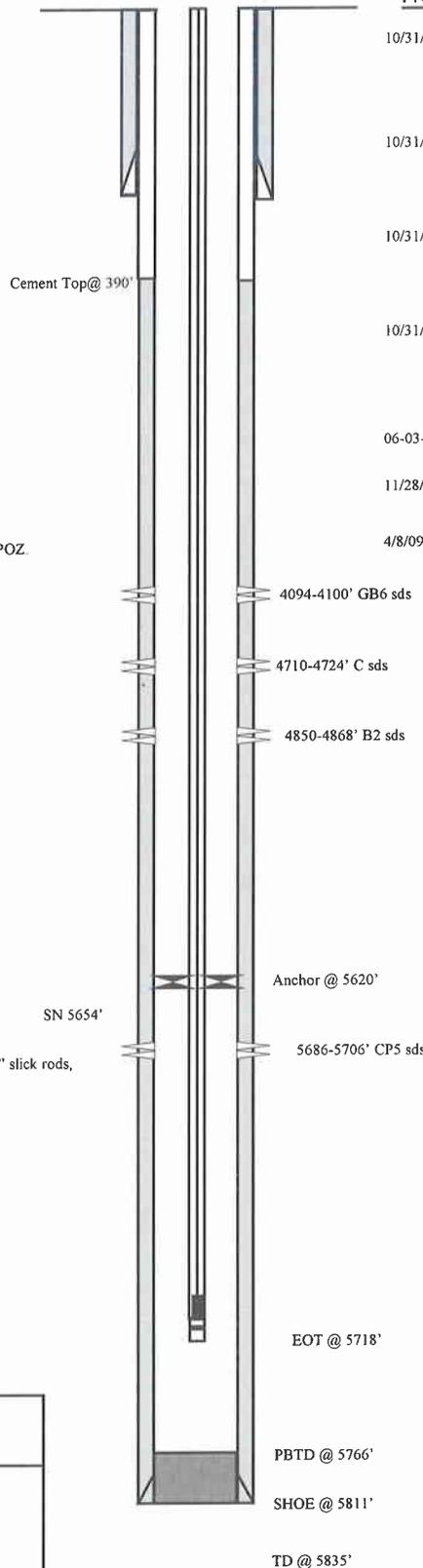
SIZE/GRADE/AWT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 180 jts. (5609.88')
 TUBING ANCHOR: 5619.88' KB
 NO OF JOINTS: 1 jts. (31.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5654.10' KB
 NO OF JOINTS: 2 jts. (62.55')
 TOTAL STRING LENGTH: EOT @ 5718.20' KB

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 |



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

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

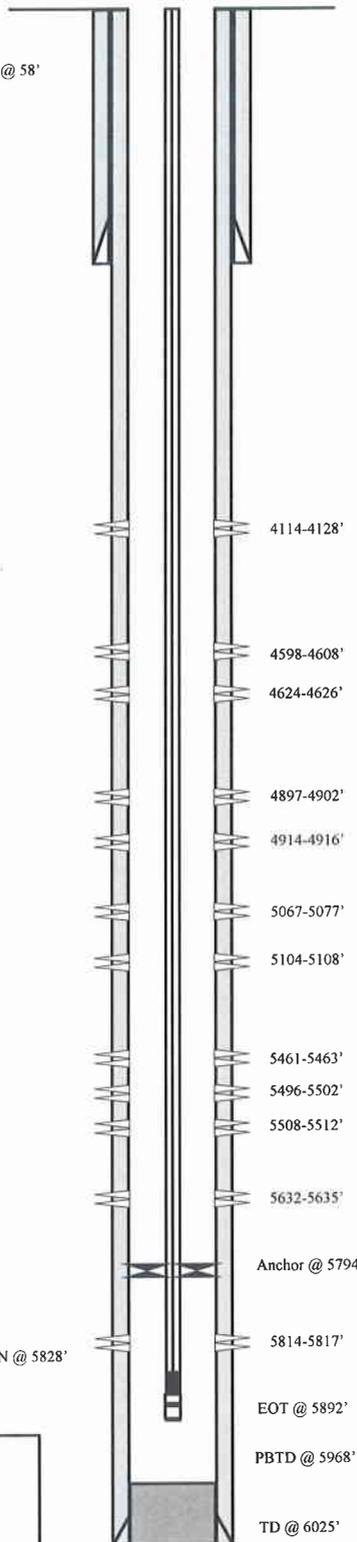
SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 184 jts (5781.7')
 TUBING ANCHOR: 5793.7'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5827.9' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5892'

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

Cement Top @ 58'

SN @ 5828'



FRAC JOB

| Date | Job ID | Description |
|---------|------------|---|
| 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

| Depth Range | Perforation Type | Holes |
|-------------|------------------|----------|
| 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 |

NEWFIELD



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



Multi-Chem Group, LLC

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

Water Analysis Report

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

Sample ID: **WA-37100**

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|--|-----------|---|-------------|----------------------------------|-------------|
| Test Date: | 2/19/2010 | Cations | mg/L | Anions | mg/L |
| Temperature (°F): | 100 | Calcium (Ca): | 40.00 | Chloride (Cl): | 11000.00 |
| Sample Pressure (psig): | 0 | Magnesium (Mg): | 24.40 | Sulfate (SO ₄): | - |
| Specific Gravity (g/cm ³): | 1.0130 | Barium (Ba): | 12.00 | Dissolved CO ₂ : | - |
| pH: | 7 | Strontium (Sr): | - | Bicarbonate (HCO ₃): | 683.00 |
| Turbidity (NTU): | - | Sodium (Na): | 7181.00 | Carbonate (CO ₃): | - |
| | | Potassium (K): | - | H ₂ S: | - |
| | | Iron (Fe): | 24.44 | Phosphate (PO ₄): | - |
| | | Manganese (Mn): | - | Silica (SiO ₂): | - |
| Calculated T.D.S. (mg/L) | 18965 | Lithium (Li): | - | Fluoride (F): | - |
| Molar Conductivity (µS/cm): | 28735 | Aluminum (Al): | - | Nitrate (NO ₃): | - |
| Resistivity (Mohm): | 0.3480 | Ammonia NH ₃ : | - | Lead (Pb): | - |
| | | | | Zinc (Zn): | - |
| | | | | Bromine (Br): | - |
| | | | | Boron (B): | - |

| Test Conditions | | Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl | | | | | | | | | | |
|-----------------|------------------|--|-------|--|----------|-----------------------------------|----------|-------------------------------------|-------|----------------------------------|--------|--------------------------------|
| Temp °F | Gauge Press. psi | Calcium Carbonate CaCO ₃ | | Gypsum CaSO ₄ · 2H ₂ O | | Calcium Sulfate CaSO ₄ | | Strontium Sulfate SrSO ₄ | | Barium Sulfate BaSO ₄ | | Calculated CO ₂ psi |
| | | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | |
| 100 | 0 | 0.28 | -3.48 | 0.00 | -2977.00 | 0.00 | -3119.60 | - | - | 0.00 | -8.31 | 1.59 |
| 80 | 0 | 0.20 | -4.36 | 0.00 | -7.49 | 0.00 | -3306.00 | - | - | 0.00 | -5.97 | 0.72 |
| 100 | 0 | 0.28 | -3.48 | 0.00 | -5.21 | 0.00 | -3119.60 | - | - | 0.00 | -8.31 | 0.90 |
| 120 | 0 | 0.36 | -2.78 | 0.00 | -3.61 | 0.00 | -2839.70 | - | - | 0.00 | -11.20 | 1.01 |
| 140 | 0 | 0.46 | -2.18 | 0.00 | -2.46 | 0.00 | -2506.50 | - | - | 0.00 | -14.69 | 1.14 |
| 160 | 0 | 0.56 | -1.66 | 0.00 | -1.60 | 0.00 | -2154.90 | - | - | 0.00 | -18.83 | 1.29 |
| 180 | 0 | 0.66 | -1.22 | 0.00 | -0.96 | 0.00 | -1811.20 | - | - | 0.00 | -23.68 | 1.42 |
| 200 | 0 | 0.76 | -0.83 | 0.00 | -0.48 | 0.00 | -1493.10 | - | - | 0.00 | -29.32 | 1.44 |
| 220 | 2.51 | 0.84 | -0.56 | 0.00 | -0.16 | 0.00 | -1226.10 | - | - | 0.00 | -36.38 | 1.46 |
| 240 | 10.3 | 0.91 | -0.31 | 0.00 | 0.09 | 0.00 | -981.08 | - | - | 0.00 | -44.05 | 1.49 |
| 260 | 20.76 | 0.96 | -0.14 | 0.00 | 0.24 | 0.00 | -774.58 | - | - | 0.00 | -52.85 | 1.52 |
| 280 | 34.54 | 0.99 | -0.04 | 0.00 | 0.31 | 0.00 | -604.11 | - | - | 0.00 | -62.95 | 1.55 |
| 300 | 52.34 | 0.99 | -0.03 | 0.00 | 0.32 | 0.00 | -465.68 | - | - | 0.00 | -74.53 | 1.59 |

Conclusions:

Calcium Carbonate Scaling Index is negative 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:



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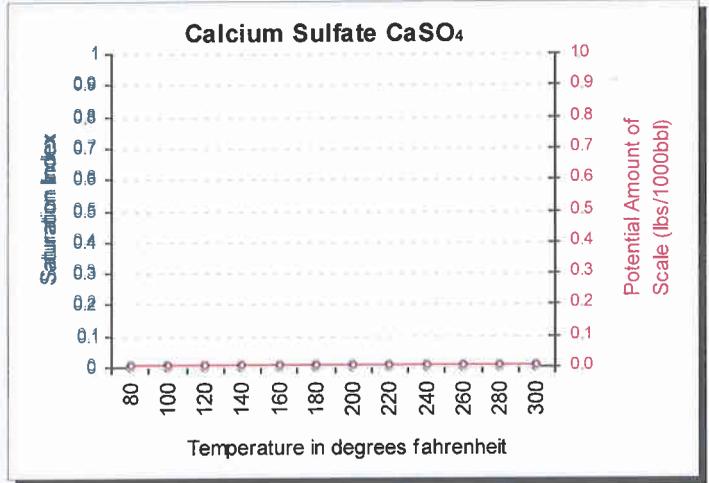
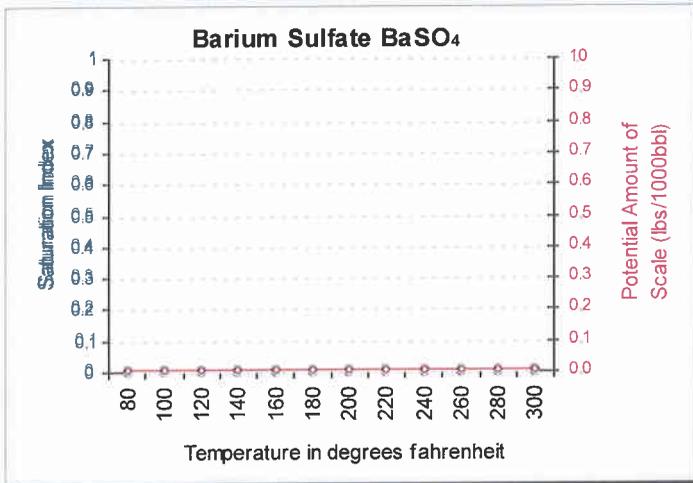
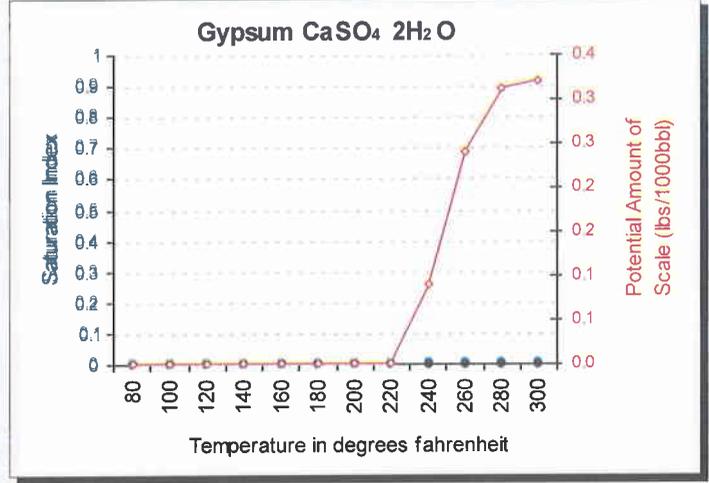
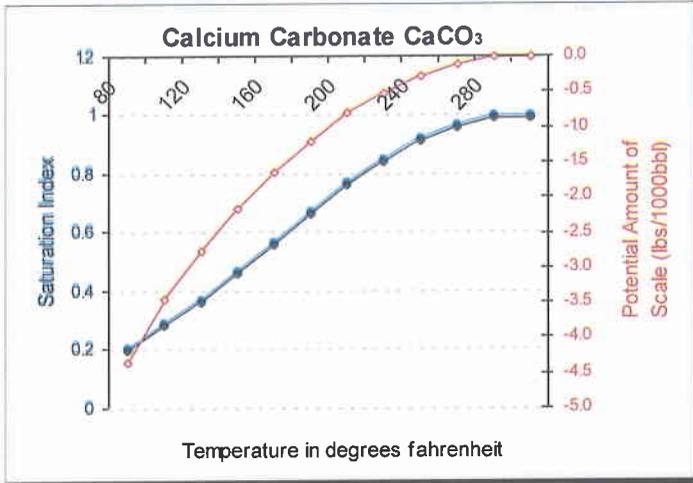
1553 East Highway 40

Vernal, UT 84078

Scale Prediction Graphs

Well Name: **9-12-9-16**

Sample ID: **WA-37100**





Multi-Chem Group, LLC

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

Water Analysis Report

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

Sample ID: **WA-35267**

Well Name: **Beluga Injection**

Sample Point: **Tri-plex Suction**

Sample Date: **1 /5 /2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

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

| Analysis @ Properties in Sample Specifics | | | | |
|---|---------|------|----------------------------------|---------|
| Cations | | mg/L | Anions | mg/L |
| Calcium (Ca): | 80.00 | | Chloride (Cl): | 5000.00 |
| Magnesium (Mg): | 24.40 | | Sulfate (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 | | | | | | | | | | |
|-----------------|------------------|--|--------|---|----------|-----------------------------------|----------|-------------------------------------|-------|----------------------------------|-------|--------------------------------|
| Temp °F | Gauge Press. psi | Calcium Carbonate CaCO ₃ | | Gypsum CaSO ₄ ·2H ₂ O | | Calcium Sulfate CaSO ₄ | | Strontium Sulfate SrSO ₄ | | Barium Sulfate BaSO ₄ | | Calculated CO ₂ psi |
| | | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | Sat Index | Scale | |
| 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:



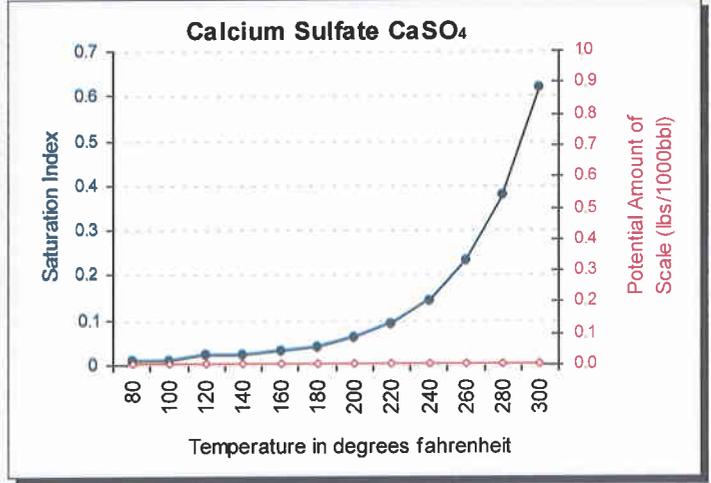
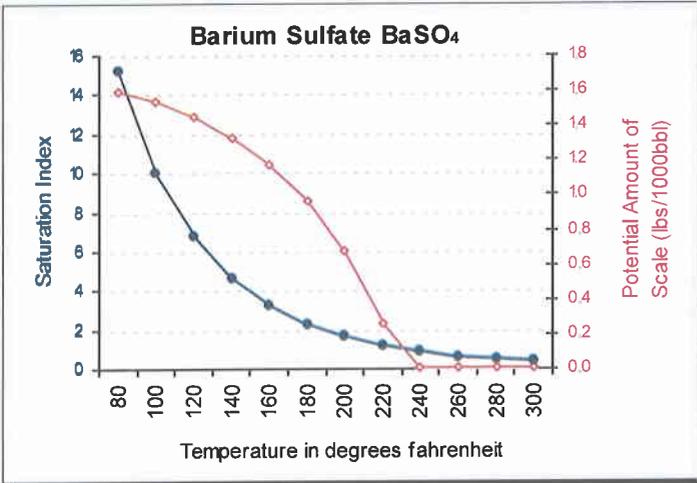
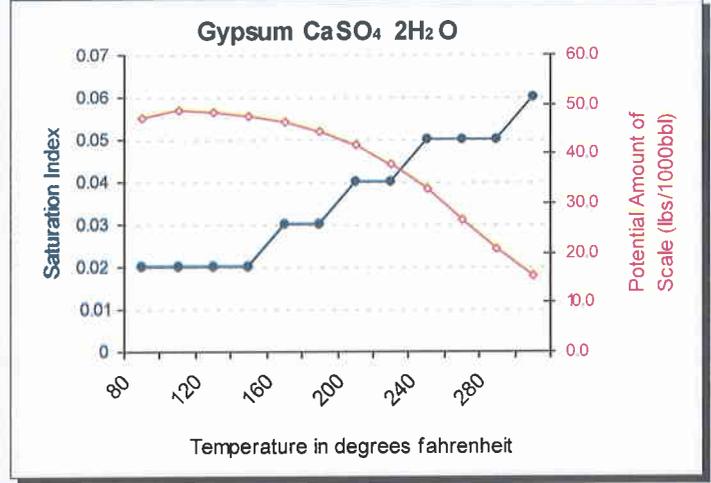
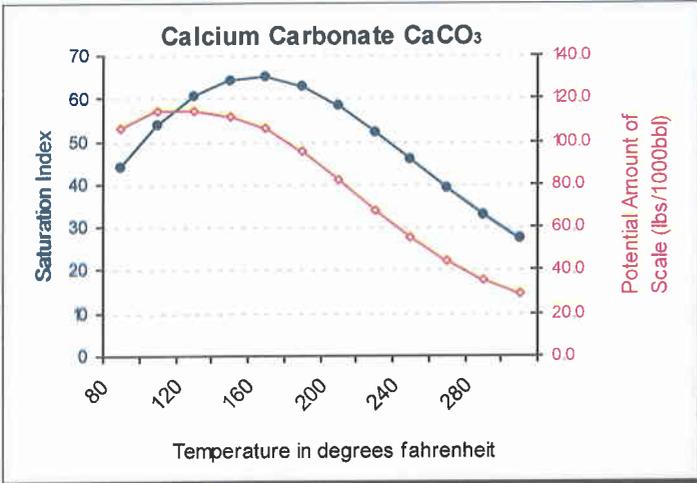
Multi-Chem Group, LLC

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

Scale Prediction Graphs

Well Name: **Beluga Injection**

Sample ID: **WA-35267**



Attachment "G"

**Jonah Federal 9-12-9-16
Proposed Maximum Injection Pressure**

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|--------------------|
| Top | Bottom | | | | |
| 5495 | 5505 | 5500 | 2000 | 0.80 | 1964 |
| 5112 | 5128 | 5120 | 2030 | 0.83 | 1997 |
| 4926 | 4936 | 4931 | 2700 | 0.98 | 2668 |
| 4793 | 4804 | 4799 | 1920 | 0.83 | 1889 ← |
| 4637 | 4643 | 4640 | 1920 | 0.85 | 1890 |
| | | | | Minimum | <u><u>1889</u></u> |

Calculation of Maximum Surface Injection Pressure

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 8, 2004 Completion Day: 01
 Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBD: 5908' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBD: _____

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|-------|-------|------------|
| CP1 sds | 5495-5505' | 4/40 | | | |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 7, 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 @ 5908' & cmt top @ 650'. Perf stage #1 W/ 4" ported gun as follows: CP1 sds @ 5495-5505' W/ 4 SPF for a total of 40 shots (1 run). SIFN W/ est 141 BWTR.

Starting fluid load to be recovered: 141 Starting oil rec to date: 0
 Fluid lost/recovered today: 0 Oil lost/recovered today: _____
 Ending fluid to be recovered: 141 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 | \$3,688 |
| Drilling cost | \$246,536 |
| Rebel HO trk | \$400 |
| Location preparation | \$300 |
| IPC wellhead | \$1,500 |
| Benco - anchors | \$950 |
| Admin. Overhead | \$3,000 |
| 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: \$258,404
 TOTAL WELL COST: \$258,404



Attachment G-1
2 of 9

DAILY COMPLETION REPORT

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

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| CP1 sds | 5495-5505' | 4/40 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 8, 2004 SITP: SICP: 0

Day 2a.

RU BJ Service "Ram Head" frac flange. RU BJ & frac CP1 sds, stage #1 w/ 24,061#'s of 20/40 snd in 289 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2827 psi, back to 2158 psi. Treated @ ave pressure of 1715, w/ ave rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2000. 430 bbls EWTR. Leave pressure on well. **See day2b.**

Starting fluid load to be recovered: 141 Starting oil rec to date: 0
Fluid lost/recovered today: 289 Oil lost/recovered today:
Ending fluid to be recovered: 430 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail: CP1 sds down casing

| | |
|----------------------|----------|
| Weatherford BOP | \$100 |
| Weatherford Services | \$650 |
| Betts frac water | \$240 |
| IPC fuel gas | \$60 |
| BJ Services CP1 sds | \$14,200 |
| IPC Supervisor | \$100 |
| | |
| | |
| | |

2394 gals of pad
1250 gals w/ 1-5 ppg of 20/40 sand
3013 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 5481 gals of slick water

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

Max TP: 1870 Max Rate: 24.8 Total fluid pmpd: 289 bbls
Avg TP: 1715 Avg Rate: 24.7 Total Prop pmpd: 24,061#'s
ISIP: 2000 5 min: 10 min: FG: .80
Completion Supervisor: Ron Shuck

DAILY COST: \$15,350
TOTAL WELL COST: \$273,754



DAILY COMPLETION REPORT

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

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5200'
 KB @ 12' Plugs

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| | | | | | |
| A3 sds | 5112-5128' | 4/64 | | | |
| CP1 sds | 5495-5505' | 4/40 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 8, 2004 SITP: 770 SICP: 770

Day 2b.

RU Patterson WLT, mast & lubricator. RIH w/ 5-1/2" Weatherford composite flow-through frac plug & 6' perf gun. Set plug @ 5200' (had misfire on setting plug). Perforate A3 sds @ 5112-5128' w/ 4" Port gun (19 gram, 41" HE), w/ 4 spf for total of 64 shots. RU BJ & frac stage #2 w/ 55,197#'s of 20/40 snd in 445 bbls of Lightning 17 frac fluid. Open well w/ 770 psi on casing. Perfs broke down @ 3808 psi, back to 810 psi. Treated @ ave pressure of 2231, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2030. 875 bbls EWTR. Leave pressure on well. See day2c.

Starting fluid load to be recovered: 430 Starting oil rec to date: 0
 Fluid lost/recovered today: 445 Oil lost/recovered today: 0
 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: A3 sds down casing

COSTS

| | | |
|------------------------------------|----------------------|----------|
| 4410 gals of pad | Weatherford BOP | \$100 |
| 2944 gals w/ 1-5 ppg of 20/40 sand | Weatherford Services | \$2,200 |
| 5872 gals w/ 5-8 ppg of 20/40 sand | Betts frac water | \$640 |
| 424 gals w/ 8 ppg of 20/40 sand | IPC fuel gas | \$140 |
| Flush w/ 5040 gals of slick water | BJ Services A3 sds | \$12,010 |
| | IPC Supervisor | \$100 |
| | Patterson WLT A3 sds | \$3,000 |

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

Max TP: 1834 Max Rate: 24.8 Total fluid pmpd: 445 bbls
 Avg TP: 2231 Avg Rate: 24.7 Total Prop pmpd: 55,197#'s
 ISIP: 2030 5 min: 10 min: FG: .83
 Completion Supervisor: Ron Shuck

DAILY COST: \$18,190
 TOTAL WELL COST: \$291,944



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 10, 2004 Completion Day: 03a
 Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4850'
KB @ 12' Plugs 5200' 5000'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 9, 2004 SITP: SICP: 970

Day 3a,

RU BJ & frac C sds, stage #4 w/ 32,557#2 of 20/40 sand in 344 bbls Lightning 17 frac fluid. Open well w/ 970 psi on casing. Perfs broke down @ 3477 psi, back to 1318 psi. Treated @ ave pressure of 1725, w/ ave rate of 24.7 bpm, w/ up to 8 ppg of sand. Spot 5 bbls 15% HCL in flush for next stage. ISIP was 1920. 1732 bbls EWTR. Leave pressure on well. **See day 3b.**

Starting fluid load to be recovered: 1388 Starting oil rec to date: 0
 Fluid lost/recovered today: 344 Oil lost/recovered today:
 Ending fluid to be recovered: 1732 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

| | | |
|---|-----------------------------|----------------|
| <u>3402 gals of pad</u> | <u>Weatherford BOP</u> | <u>\$100</u> |
| <u>2194 gals w/ 1-5 ppg of 20/40 sand</u> | <u>Weatherford Services</u> | <u>\$2,200</u> |
| <u>4064 gals w/ 5-8 ppg of 20/40 sand</u> | <u>Betts frac water</u> | <u>\$400</u> |
| <u>Flush w/ 4788 gals of slick water</u> | <u>IPC fuel gas</u> | <u>\$90</u> |
| | <u>BJ Services C sds</u> | <u>\$9,500</u> |
| | <u>IPC Supervisor</u> | <u>\$150</u> |
| | <u>Patterson WLT C sds</u> | <u>\$1,900</u> |

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

Max TP: 1890 Max Rate: 24.7 Total fluid pmpd: 433 bbls
 Avg TP: 1725 Avg Rate: 24.7 Total Prop pmpd: 32,557#'s
 ISIP: 1920 5 min: 10 min: FG: .83
 Completion Supervisor: Ron Shuck

DAILY COST: \$14,340
 TOTAL WELL COST: \$325,414



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 10, 2004 Completion Day: 03b
Present Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5908' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4700'
KB @ 12' Plugs 5200' 5000' 4850'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| D1 sds | <u>4637-4643'</u> | <u>4/24</u> | | | |
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 9, 2004 SITP: SICP: 1427

Day 3b.

RU WLT. RIH w/ composite plug & 6' perf gun. Set plug @ 4700'. Perforate D1 sds @ 4637-4643' w/ 4 spf for total of 24 shots. RU BJ & frac stage #5 w/ 19,333#'s of 20/40 sand in 244 bbls Lightning 17 frac fluid. Open well w/ 1427 psi on casing. Perfs won't break down. RU dump bailer & spot 8 gals of 15% HCL on perfs. Perfs broke down @ 4000 psi, back to 1838 psi. Treated @ ave pressure of 1838, w/ ave rate of 24.8 bpm, w/ up to 8 ppg of sand. ISIP was 1920. 1976 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1900 psi w/ 12/64 choke. Well flowed for 3 hours & died w/ 160 bbls rec'd, 8% of frac. SIFN.

Starting fluid load to be recovered: 1976 Starting oil rec to date: 0
Fluid lost/recovered today: 160 Oil lost/recovered today: 0
Ending fluid to be recovered: 1816 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

| | |
|----------------------|---------|
| Weatherford BOP | \$100 |
| Weatherford Services | \$2,200 |
| Betts frac water | \$180 |
| IPC fuel gas | \$40 |
| BJ Services C sds | \$7,130 |
| IPC Supervisor | \$150 |
| Patterson WLT C sds | \$1,800 |

2142 gals of pad
970 gals w/ 1-5 ppg of 20/40 sand
2600 gals w/ 5-8 ppg of 20/40 sand
Flush w/ 4537 gals of slick water

Max TP: 1905 Max Rate: 24.9 Total fluid pmpd: 244 bbls
Avg TP: 1838 Avg Rate: 24.8 Total Prop pmpd: 19,333#'s
ISIP: 1920 5 min: 10 min: FG: .85
Completion Supervisor: Ron Shuck

DAILY COST: \$11,600
TOTAL WELL COST: \$337,014



DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 **Report Date:** July 11, 2004 **Completion Day:** 04
Present Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBD: 5908' WL
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3465' BP/Sand PBD: 4700'
 KB @ 12' Plugs 5200' 5000' 4850'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|------|-------|------------|
| D1 sds | 4637-4643' | 4/24 | | | |
| C sds | 4793-4804' | 4/44 | | | |
| B2 sds | 4926-4936' | 4/40 | | | |
| A3 sds | 5112-5128' | 4/64 | | | |
| CP1 sds | 5495-5505' | 4/40 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 10, 2004 **SITP:** _____ **SICP:** 150

MIRU Western #1. Bleed pressure off well. Rec est 10 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ new Varel 4 3/4" tooth bit, bit sub & 110 jts new STEL 2 7/8 8rd 6.5# J-55 tbg. EOT @ 3465'. SIFN W/ est 1806 BWTR.

Starting fluid load to be recovered: 1816 **Starting oil rec to date:** 0
Fluid lost/recovered today: 10 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1806 **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

| | | |
|--|-------------------------|------------------|
| | Western rig | \$2,457 |
| | Weatherford BOPs | \$260 |
| | Betts wtr transfer | \$400 |
| | IPC wtr & truck | \$400 |
| | IPC trucking | \$1,000 |
| | Aztec - new J55 tbg | \$30,291 |
| | McConkie Varel bit | \$450 |
| | IPC sfc equipment | \$120,000 |
| | IPC labor & welding | \$8,000 |
| | Monks pit reclaim | \$1,200 |
| | RNI wtr disposal | \$3,000 |
| | Mt. West sanitation | \$400 |
| | IPC supervision | \$300 |
| | DAILY COST: | <u>\$168,158</u> |
| | TOTAL WELL COST: | <u>\$505,172</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



Attachment G-1
8 of 9

DAILY COMPLETION REPORT

WELL NAME: Jonah 9-12-9-16 Report Date: July 15, 2004 Completion Day: 05
Present Operation: Completion Rig: Western #1

WELL STATUS

Surf Csg: 8 5/8 @ 315' Prod Csg: 5 1/2 Wt: 15.5# @ 5966' Csg PBTD: 5937'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5875' BP/Sand PBTD: 5937'
KB @ 12'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|------|-------|------------|
| D1 sds | <u>4637-4643'</u> | <u>4/24</u> | | | |
| C sds | <u>4793-4804'</u> | <u>4/44</u> | | | |
| B2 sds | <u>4926-4936'</u> | <u>4/40</u> | | | |
| A3 sds | <u>5112-5128'</u> | <u>4/64</u> | | | |
| CP1 sds | <u>5495-5505'</u> | <u>4/40</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 14, 2004 SITP: 200 SICP: 200

Bleed pressure off well. Rec est 10 BTF. Con't PU & TIH W/ bit & tbg f/ 3465'. Tag fill @ 4597'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows: sd @ 4597', plug @ 4700' in 10 minutes; sd @ 4774', plug @ 4850' in 11 minutes; sd @ 4961', plug @ 5000' in 11 minutes; sd @ 5149', plug @ 5200' in 13 minutes. Hang back swivel & con't PU jts. Tag fill @ 5838'. PU swivel. Drill sd & plug remains to PBTD @ 5937'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5875'. RU swab equipment. IFL @ sfc. Made 4 swab runs rec 71 BW. Well began flowing. Flow to flat tk 1 hr. Rec 30 BTF (est 20 BW & 10 BW). Making no sand & approx. 50% oil. Tie into flowline. Turn flow to production tk @ 6:30 PM on 24/64" positive choke. Est 1694 BWTR.

Starting fluid load to be recovered: 1806 Starting oil rec to date: 0
Fluid lost/recovered today: 112 Oil lost/recovered today: 10
Ending fluid to be recovered: 1694 Cum oil recovered: 10
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

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

| | |
|------------------------|---------|
| Western rig | \$3,231 |
| Weatherford BOP | \$130 |
| Zubiate HO trk (stdby) | \$700 |
| Zubiate HO trk (7/13) | \$910 |
| IPC location cleanup | \$300 |
| Four Star power swivel | \$450 |
| Randys' TA | \$450 |
| Randys' SN | \$70 |
| IPC trucking | \$300 |
| 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: \$6,841
TOTAL WELL COST: \$512,013

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4587'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 162' balance plug using 19 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 @ 365'
6. Plug #4 Circulate 103 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.

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

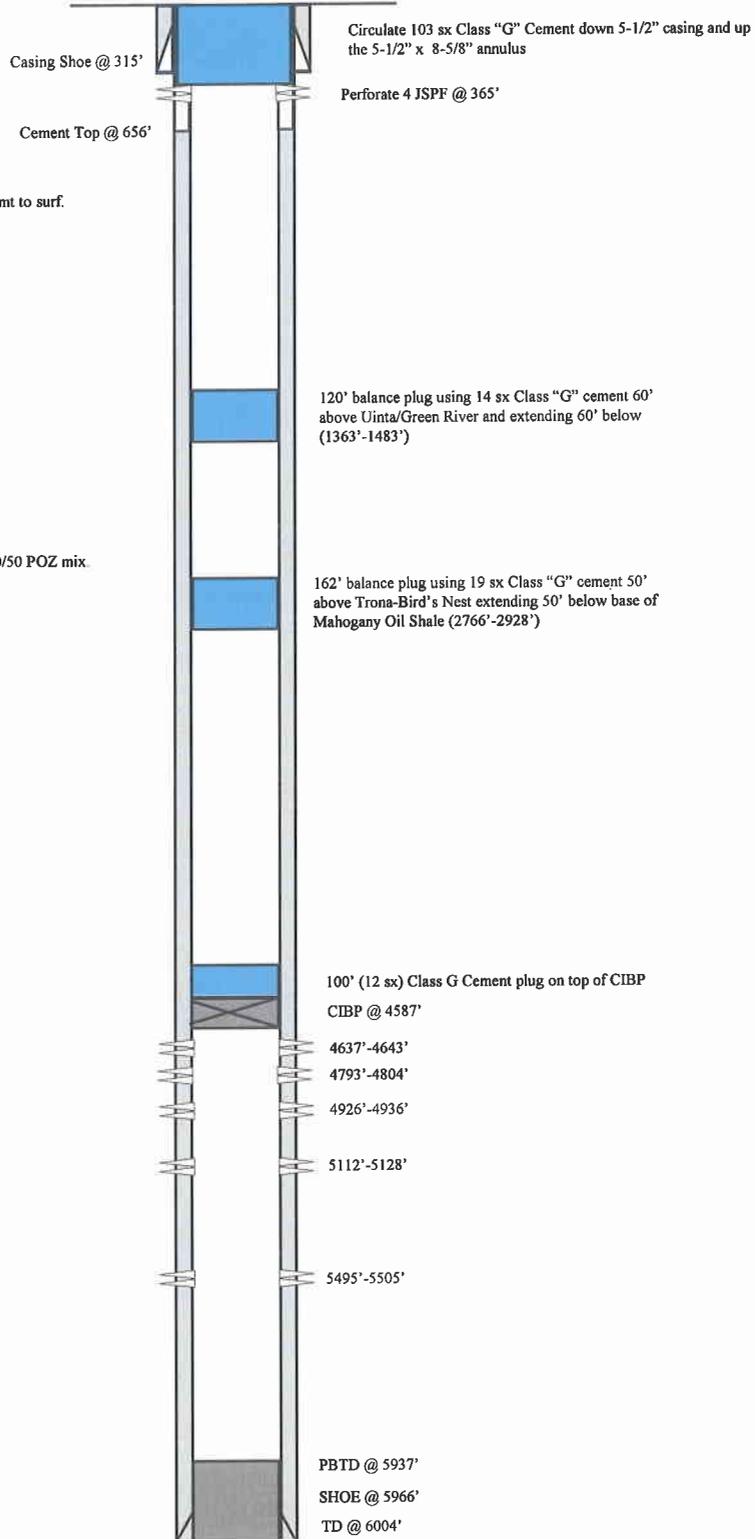
Proposed P & A Wellbore Diagram

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'



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

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)
1953 FSL, 729 FEL
NESE 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 9-12-9-16

9. API Well No.

4301332430

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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

05/21/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on page 2)



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

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

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

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 Uintah Basin Standard | | \$0.00 | \$119.20 | |
| 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/RER/GG-UIC-AOM/GF/10/6131

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.

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

/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





*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

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

The Salt Lake Tribune
www.slttrib.com

MEDIA One
OF UTAH
www.mediagroup.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
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 pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, a 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
/s/ Brad Hill
Brad Hill
Permitting Manager

596935

UPAXLP

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

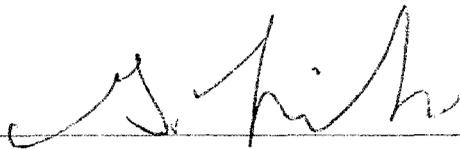
Virgina Craft
Notary Public State of Utah
Commission # 581465
My Commission Expires
January 11, 2014

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.

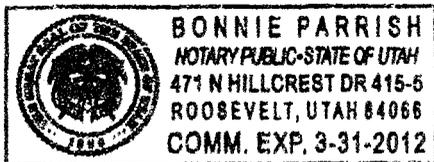


Editor

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.

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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, 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

/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

August 17, 2010

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

Subject: Greater Monument Butte Unit Well: Jonah Federal 9-12-9-16, Section 12, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah API # 43-013-32430

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 4,560 feet in the Jonah Federal 9-12-9-16 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,


Randy Thackeray
Acting Associate Director

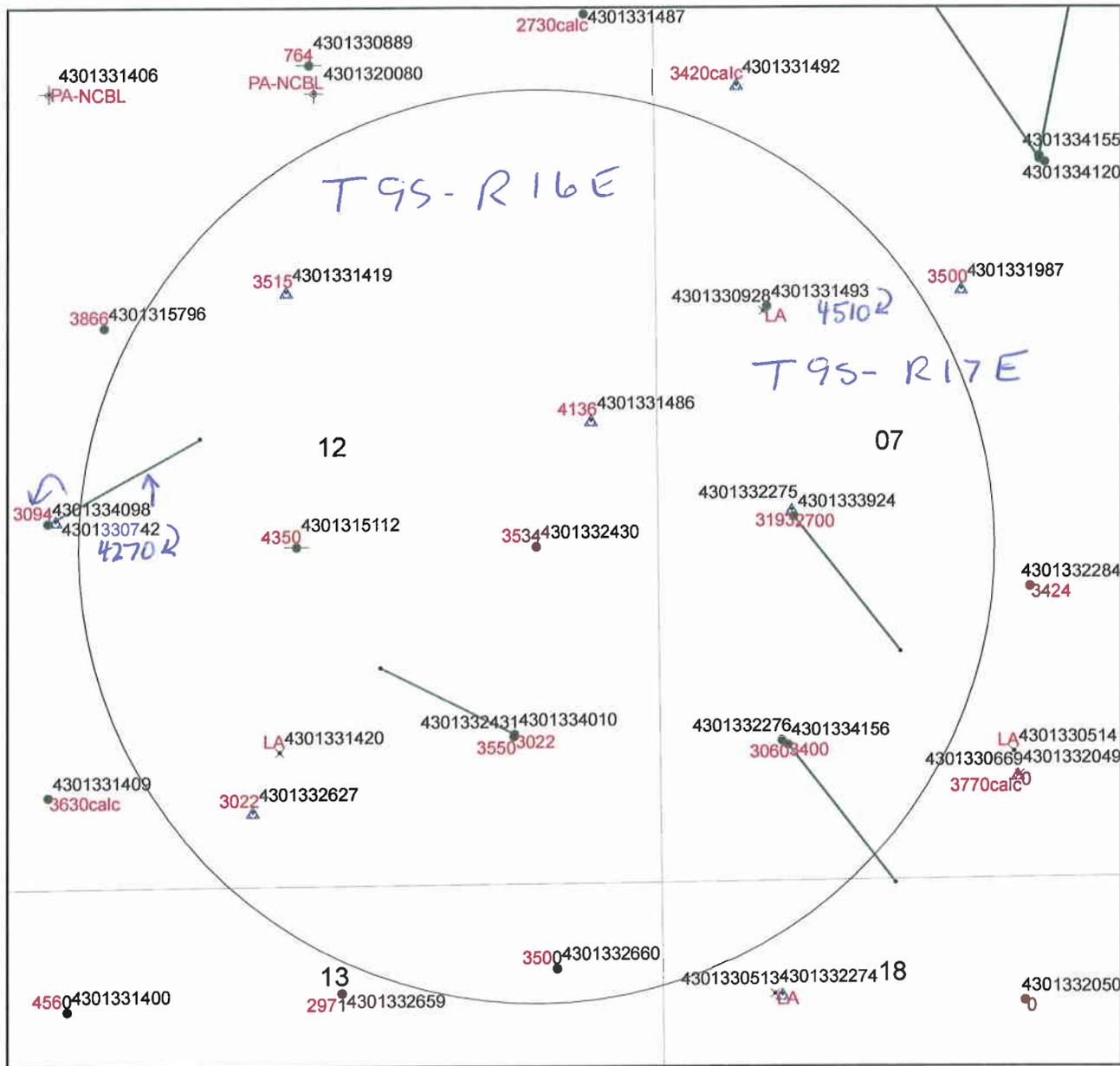
RMT/MLR/js

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\Newfield

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 9-12-9-16

API #43-013-32430

UIC-366.9

Legend

- | | |
|--|--|
| <ul style="list-style-type: none"> □ Buffer_of_SGID93_ENERGY_DNROilGasWells_7 • Wells-CbItopsMaster8_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



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

Applicant: Newfield Production Company **Well:** Jonah Federal 9-12-9-16
Location: 12/9S/16E **API:** 43-013-32430

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

Well Integrity: The proposed well has surface casing set at 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,966 feet. A cement bond log demonstrates adequate bond in this well up to 3,534 feet. A 2 7/8 inch tubing with a packer will be set at 4,587 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. One of those producing wells has a surface location inside the AOR, but the bottom hole location is slightly outside the AOR. In addition, there is 1 recently completed producing well directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR. Three wells in the AOR appear to demonstrate inadequate cement for the proposed injection interval. Most notable is the Monument Federal 12-7J-9-17 well (API # 43-013-31493), located approximately 1/3 mile northeast of the proposed injection well. The CBL (6/19/1965) demonstrates adequate cement only up to about 4,510 feet depth. Secondly, the CBL (7/11/1965) for the C&O Govt 2-12-9-16 well (API # 43-013-15112), located about ¼ mile east of the proposed injection well, demonstrates adequate cement bond only up to about 4,350 feet depth. Lastly, but significantly, the CBL (6/27/1995) for the Monument Federal 42-12J-9-16 well (API # 43-013-31486), an active injection well located only about 800 feet 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 800 feet. The requested injection interval is between 3,924 feet and 6,001 feet in the Green River Formation. However, referring to the discussion in the previous paragraph, there are three wells in the AOR which present problems

Jonah Federal 9-12-9-16

page 2

with respect to the requested interval. The most limiting is the Monument Federal 12-7J-9-17 well (43-013-31493), with an acceptable cement top at about 4,510 feet. This cement top correlates to a depth of about 4,460 feet in the Jonah Federal 9-12-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,560 feet in the Jonah Federal 9-12-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 9-12-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,889 psig. The requested maximum pressure is 1,889 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 8/16/2010

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

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332430

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: 1953 FSL, 729 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/18/2011 | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| | <input 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 05/12/2011. 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 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/20/2011

(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.

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 9-12-9-16

9. API Well No.
4301332430

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)
1953 FSL, 729 FEL
NESE Section 12 T9S R16E

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

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

The subject well has been converted from a producing oil well to an injection well on 05/12/2011. 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 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

| | |
|--|------------------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto | Title Water Services Technician |
| Signature  | Date 05/20/2011 |

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 10:00 am pm

Test Conducted by: Cole Harris

Others Present: Kevin Powell

| | |
|---|------------------------------|
| Well: <u>Jonah 9-12-9-16</u> | Field: <u>MONUMENT BUTTE</u> |
| Well Location: <u>NE 1/4 Sec. 12, T9S, R16E</u> | API No: <u>43-013-32930</u> |
| <u>Duchesne County Utah</u> | |

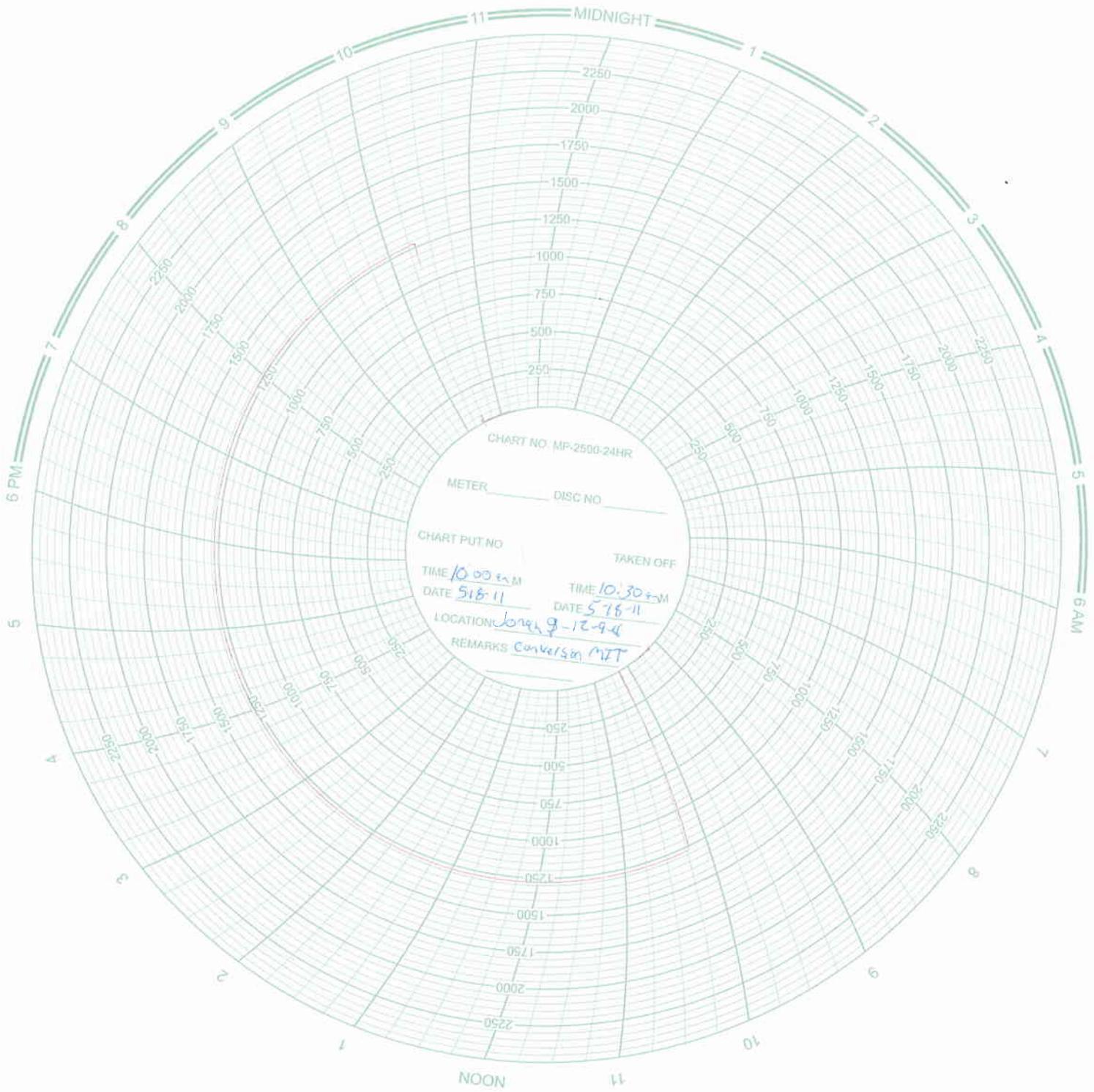
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1275</u> | psig |
| 5 | <u>1275</u> | psig |
| 10 | <u>1275</u> | psig |
| 15 | <u>1275</u> | psig |
| 20 | <u>1275</u> | psig |
| 25 | <u>1275</u> | psig |
| 30 min | <u>1275</u> | psig |
| 35 | _____ | 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: [Signature]



Daily Activity Report

Format For Sundry

JONAH 9-12-9-16

3/1/2011 To 7/30/2011

5/16/2011 Day: 2

Conversion

WWS #1 on 5/16/2011 - TOO H w/ tbg. TIH w/ PKR & tbg detail. Test tbg & csg. RDMOSU WWS #1 - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLs - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLs - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - MIRUSU WWS #1. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump. Wait on water. Flush rods & tbg w/ 30 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 5 bw. Good test. Retrieve rods. TOO H laying down rod detail. Get out of hole w/ 98 - 3/4" guided rods, 114 - 3/4" plain rods, & 6 - 1 1/2" wt bars (flushed rods 7 tbg w/ 110 bw on TOO H). LD rod pump. ND wellhead. Find TAC had slid up hole. Release TAC. NU BOP. RU workfloor. SDFN EWTR 200 BBLs. - Open well. Flush tbg w/40 bw @ 250°. TOO H w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOO H laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve.

POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLS - Open well. Flush tbg w/40 bw @ 250°. TOOH w/ tbg tallying, breaking collars & Applying Liquid O-ring to threads. Get out of hole w/ 145 jts tbg. Flush tbg w/ 20 bw @ 250°. Continue TOOH laying down tbg on trailer. Get out of hole w/ remaining 32 jts tbg. MU btm hole assembly & TIH w/ tbg detail @ follows. Weatherford Arrowset 1-X PKR, PSN, & 145 jts tbg. Get in hole w/ tbg. Pump 10 bw & drop standing valve. Pump 40 bw w/ no pressure. RU sandline & RIH. Tag & seat standing valve. Fill & test tbg to 3000 psi w/ 10 bw. Watch for 30 min. Lost 100 psi. Bump up & watch for 30 min. Good test. RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Pump 75 bbls PKR fluid. RD workfloor. ND BOP. Set PKR. Fill & test csg to 1500 psi w/ 10 bw. Watch for 30 min. Good test. RDMOSU WWS #1. WAIT ON MIT! EWTR 355 BBLS **Finalized**

Daily Cost: \$0

Cumulative Cost: \$41,155

5/19/2011 Day: 3**Conversion**

Rigless on 5/19/2011 - Conversion MIT - On 5/11/2011 Dennis Ingram with the state of Utah DOGM was contacted concerning the conversion MIT on the above Listed well (Jonah 9-12-9-16). On 5/18/2011 the csg was pressured up to 1275 psi and charted for 30 min. with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psi during the test. There was not a state representative available to witness the test. API# 43-013-32430 - On 5/11/2011 Dennis Ingram with the state of Utah DOGM was contacted concerning the conversion MIT on the above Listed well (Jonah 9-12-9-16). On 5/18/2011 the csg was pressured up to 1275 psi and charted for 30 min. with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psi during the test. There was not a state representative available to witness the test. API# 43-013-32430 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$66,475

Pertinent Files: Go to File List

| | |
|--|---|
| 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 Oil Well | 8. WELL NAME and NUMBER: JONAH FED 9-12-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013324300000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1953 FSL 0729 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/26/2011 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> OTHER | OTHER: <input type="text" value="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 2:00 PM on 09/26/2011.

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

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

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

Jonah Federal 9-12-9-16

Injection 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

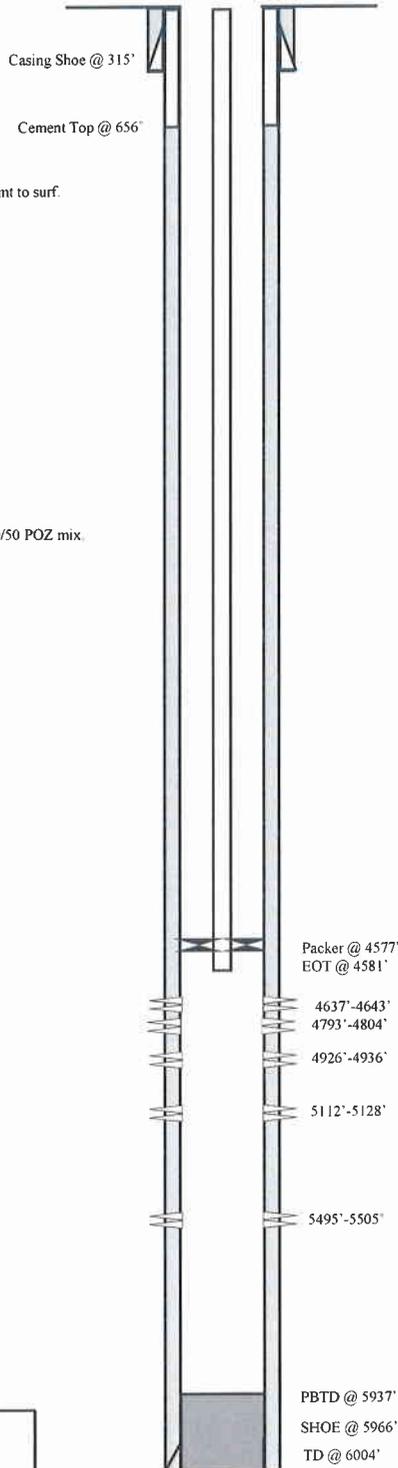
SIZE/GRADE/WT: 2-7/8" / J-55 6.5#
 NO. OF JOINTS: 145 jts (4552.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4572.5' KB
 CE @ 4576.85'
 TOTAL STRING LENGTH: EOT @ 4581' W/12' KB

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. |
| 5/12/11 | | Convert to Injection well |
| 5/18/11 | | Conversion MIT Finalized |

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



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 9-12-9-16
Location: Section 12, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32430
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 17, 2010.
2. Maximum Allowable Injection Pressure: 1,889 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,560' – 6,001')
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

Date

5/31/2011

JR/MLR/js

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

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| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-035521 |
| 1. TYPE OF WELL Water Injection Well | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | 8. WELL NAME and NUMBER: JONAH FED 9-12-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1953 FSL 0729 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 12 Township: 09.0S Range: 16.0E Meridian: S | 9. API NUMBER: 43013324300000 |
| 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE | COUNTY: DUCHESNE |
| 9. API NUMBER: 43013324300000 | 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: 4/21/2016 | <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 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 style="width: 50px;" type="text" value="5 YR MIT"/> |

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

On 04/18/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/21/2016 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1828 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 April 25, 2016**

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 4/25/2016 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Amy Doebete Date 4/21/16 Time 8:37 (am/pm)
Test Conducted by: Michael Jensen
Others Present: Jeremy Price

Well: Sonah Federal 9-12-9-16 Field: Monument Butte
Well Location: NE/SE Sec. 12, T9S, R16E API No: 43-013-32430

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1175</u> | psig |
| 5 | <u>1175</u> | psig |
| 10 | <u>1175</u> | psig |
| 15 | <u>1180</u> | psig |
| 20 | <u>1180</u> | psig |
| 25 | <u>1180</u> | psig |
| 30 min | | psig |
| 35 | | psig |
| 40 | | psig |
| 45 | | psig |
| 50 | | psig |
| 55 | | psig |
| 60 min | | psig |

Tubing pressure: 1828 psig

Result: Pass Fail

Signature of Witness: Amy Doebete

Signature of Person Conducting Test: Michael Jensen

