

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-75036

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

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

8. Lease Name and Well No.
Lone Tree Federal 1-20-9-17

9. API Well No.
43-013-32639

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Inland Production Company

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/NE 554' FNL 765' FEL 583365X 40.02227
At proposed prod. zone 4430474Y -110.02308

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NE Sec. 20, T9S R17E

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.2 miles southeast of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 554' f/lse, 554' f/unit

16. No. of Acres in lease
120.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A

19. Proposed Depth
6500'

20. BLM/BIA Bond No. on file
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5380' GL

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

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 8/10/04

Title Regulatory Specialist
Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 08-18-04
Title ENVIRONMENTAL SCIENTIST III

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

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

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED
AUG 12 2004
DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

August 18, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Lone Tree Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Lone Tree Unit, Duchesne County, Utah.

| API # | WELL NAME | LOCATION |
|--------------|---------------------------|---|
| | (Proposed PZ Green River) | |
| 43-013-32639 | Lone Tree Federal | 1-20-9-17 Sec 20 T09S R17E 0554 FSL 765 FEL |

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

/s/ Michael L. Coulthard

bcc: File - Lone Tree Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-18-04



August 10, 2004

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

RE: Applications for Permit to Drill: Beluga Federal 14-17-9-17, 15-17-9-17, 16-17-9-17, Lone Tree Federal 1-20-9-17 and Blackjack Federal 1-4-9-17.

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,

A handwritten signature in black ink that reads "Mandie Crozier". The signature is written in a cursive style.

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
AUG 12 2004
DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY
LONE TREE FEDERAL #1-20-9-17
NE/NE SECTION 20, T9S, R17E
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 | 5735' |

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
LONE TREE FEDERAL #1-20-9-17
NE/NE SECTION 20, T9S, R17E
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 Lone Tree Federal #1-20-9-17 located in the NE 1/4 NE 1/4 Section 17, T9S, R17E, 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 – 14.2 miles ± to it's junction with an existing road to the southwest; proceed southwesterly and then southeasterly – 2.0 miles ± to it's junction with an existing road to the east; proceed southeasterly and then southwesterly – 0.4 miles ± to it's junction with the beginning of the proposed access road to the northwest; proceed northwesterly along the proposed access road – 145'± to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-94, 6/2/04. Paleontological Resource Survey prepared by, Wade E. Miller, 7/9/04. See attached report cover pages, Exhibit "D".

Inland Production Company requests 50' of disturbed area be granted for the Lone Tree Federal #1-20-9-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Inland Production Company requests a 660' ROW in Lease ML-46694 and 2,690' of disturbed area be granted in Lease UTU-75036 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Reserve Pit Liner

Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

| | | |
|---------------------|-------------------------------|------------|
| Shadscale | <i>Atriplex confertifolia</i> | 4 lbs/acre |
| Scarlet Globmallow | <i>Sphaeralcea concocinea</i> | 4 lbs/acre |
| Crested Wheat Grass | | 4 lbs/acre |

Details of the On-Site Inspection

The proposed Lone Tree Federal #1-20-9-17 was on-sited on 3/26/04. The following were present; Brad Mecham (Inland Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear at 60 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

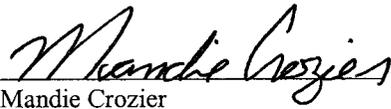
Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #1-20-9-17 NE/NE Section 20, Township 9S, Range 17E: Lease UTU-75036 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

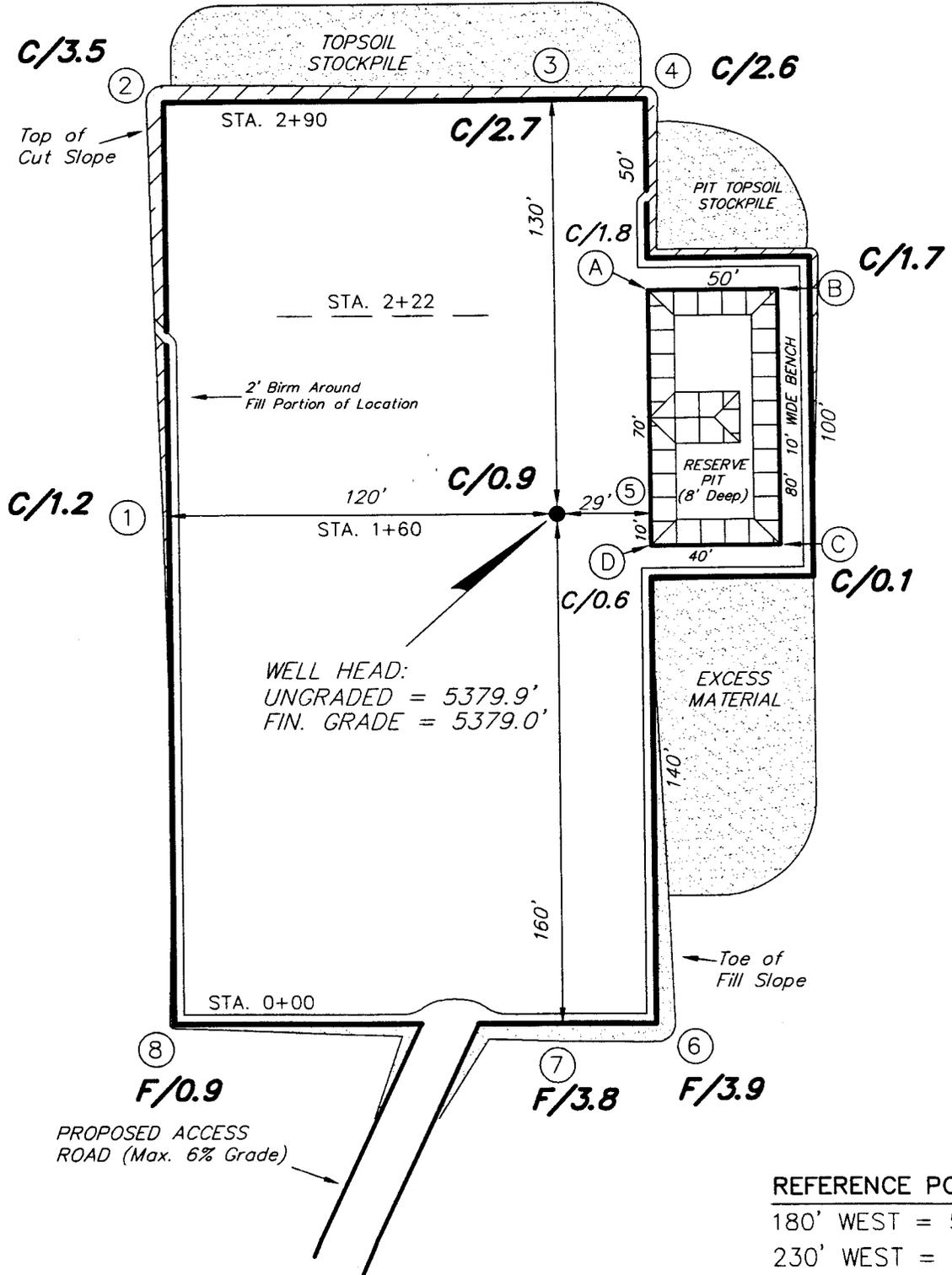
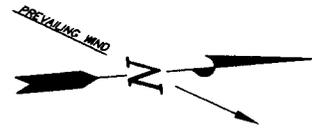
8/10/04
Date


Mandie Crozier
Regulatory Specialist

INLAND PRODUCTION COMPANY

LONE TREE UNIT 1-20

Section 20, T9S, R17E, S.L.B.&M.



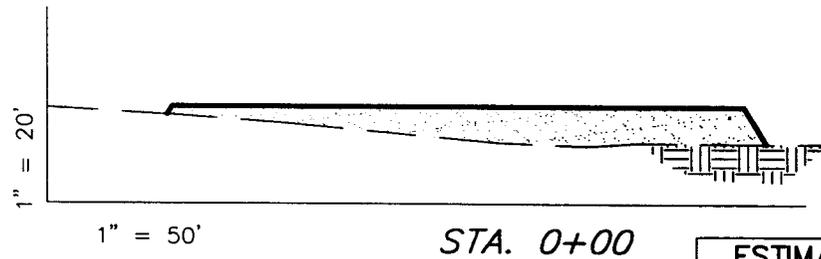
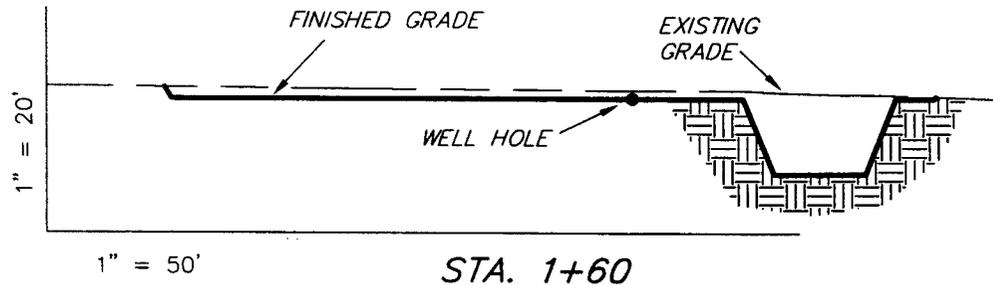
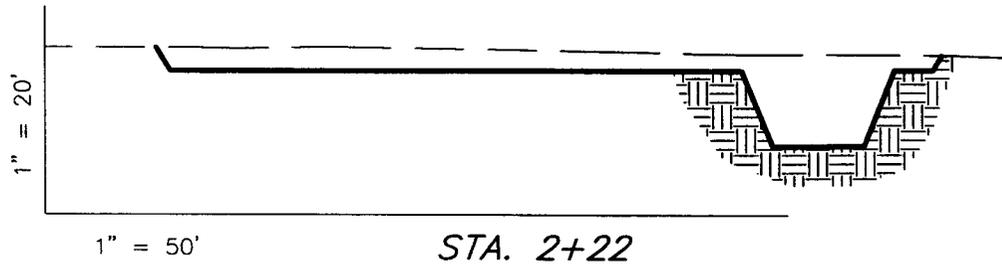
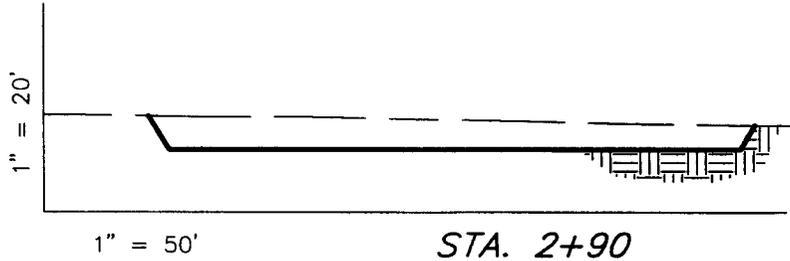
REFERENCE POINTS
 180' WEST = 5382.1'
 230' WEST = 5382.5'

| | | | |
|---------------------|-----------------|--|----------------|
| SURVEYED BY: K.G.S. | SCALE: 1" = 50' | <p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p> | (435) 781-2501 |
| DRAWN BY: F.T.M. | DATE: 6-11-04 | | |

INLAND PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE UNIT 1-20



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

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

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|---------------|--------------|--------------|------------------------------------|------------|
| PAD | 1,400 | 1,390 | Topsoil is not included in Pad Cut | 10 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 2,040 | 1,390 | 890 | 650 |

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

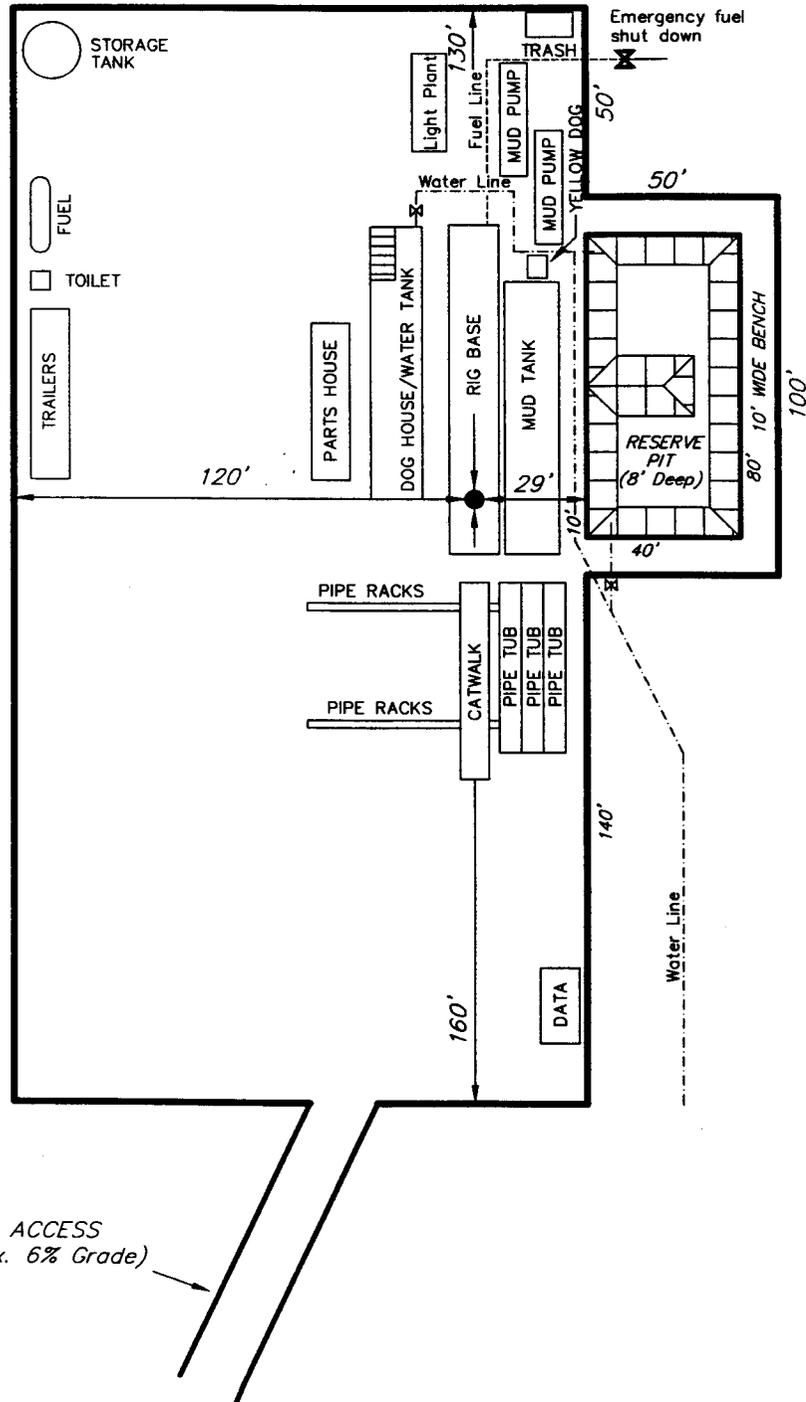
DATE: 6-11-04

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

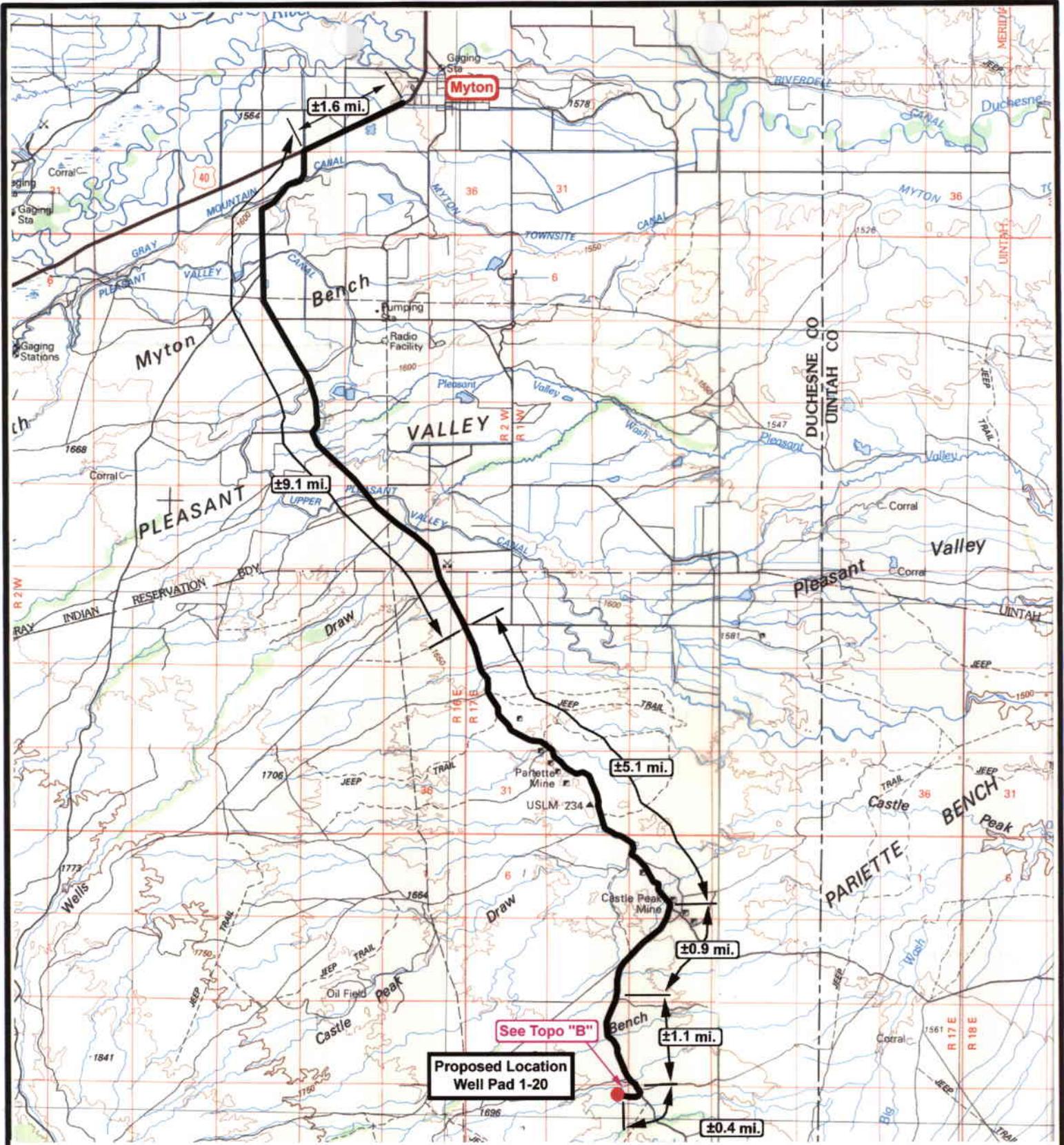
INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE UNIT 1-20



| | | |
|---------------------|-----------------|--|
| SURVEYED BY: K.G.S. | SCALE: 1" = 50' | Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 |
| DRAWN BY: F.T.M. | DATE: 6-11-04 | |



Proposed Location
Well Pad 1-20

See Topo "B"



**Lone Tree Unit 1-20-9-17
SEC. 20, T9S, R17E, S.L.B.&M.**

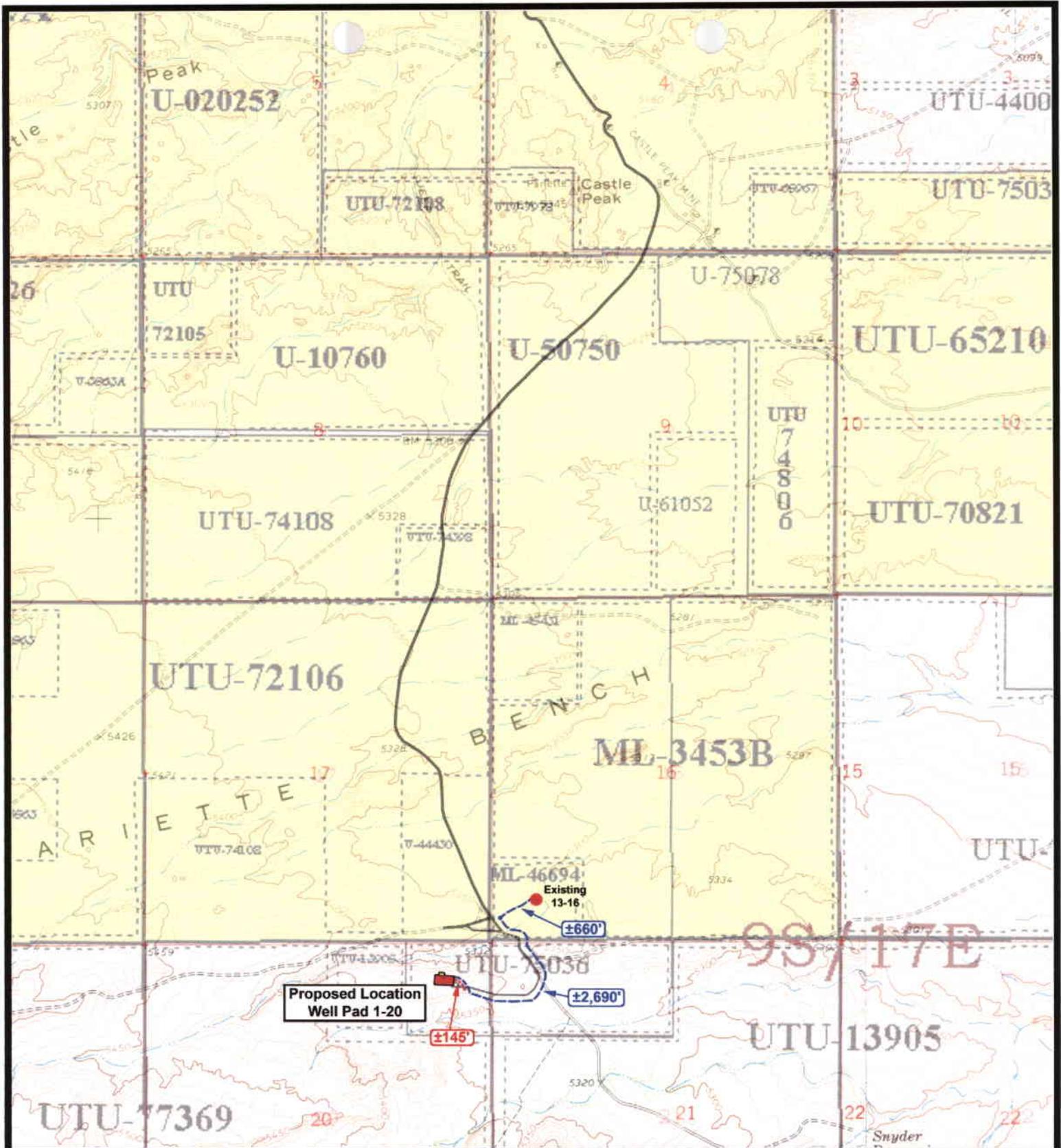


**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: bgm
DATE: 07-23-2004

Legend
 Existing Road
 Proposed Access

**TOPOGRAPHIC MAP
"A"**



**Lone Tree Unit 1-20-9-17
SEC. 20, T9S, R17E, S.L.B.&M.**



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

SCALE: 1" = 2,000'

DRAWN BY: bgm

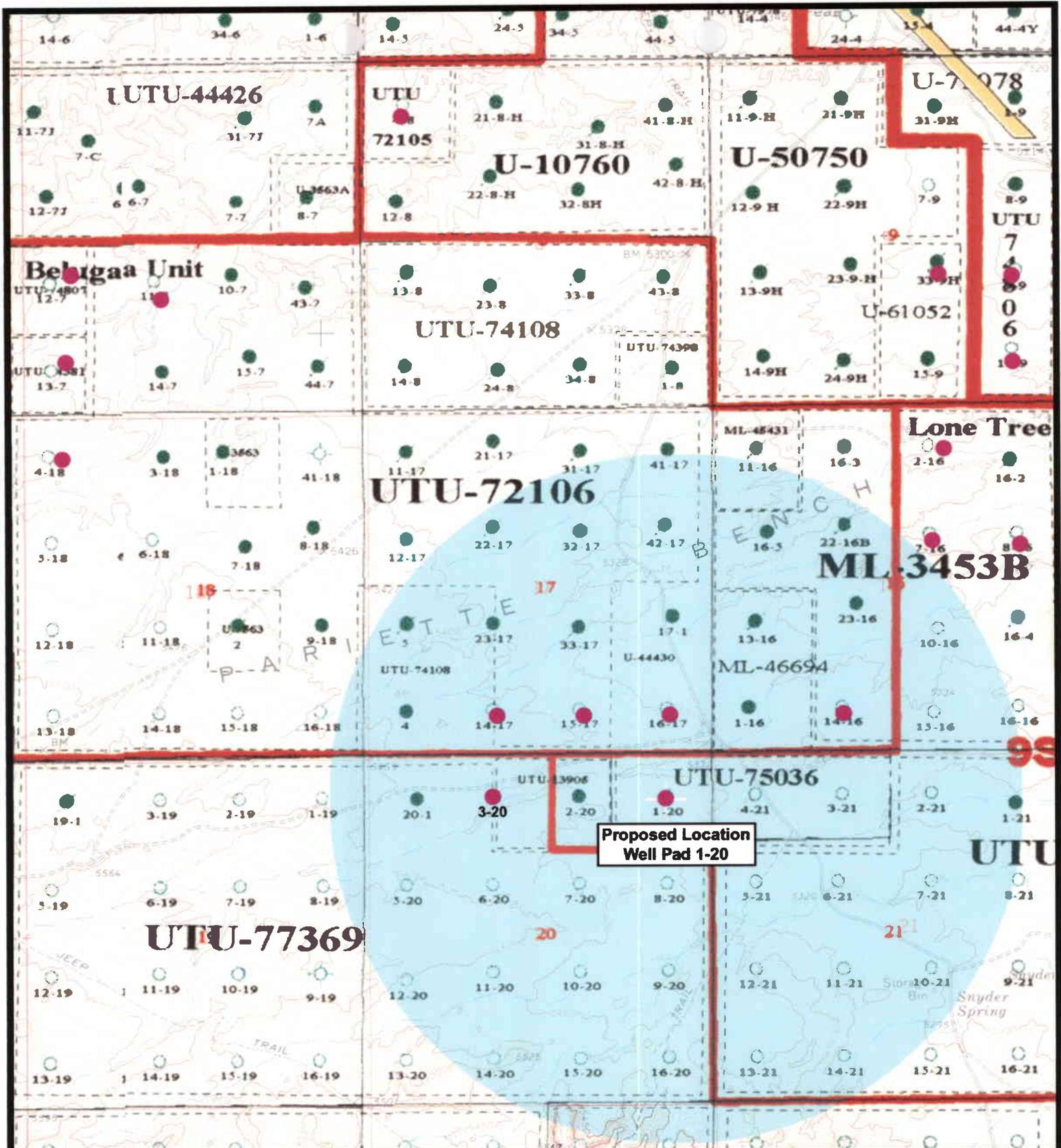
DATE: 07-23-2004

Legend

- Existing Road
- Proposed Access
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



**Lone Tree Unit 1-20-9-17
SEC. 20, T9S, R17E, S.L.B.&M.**



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

SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 07-23-2004

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

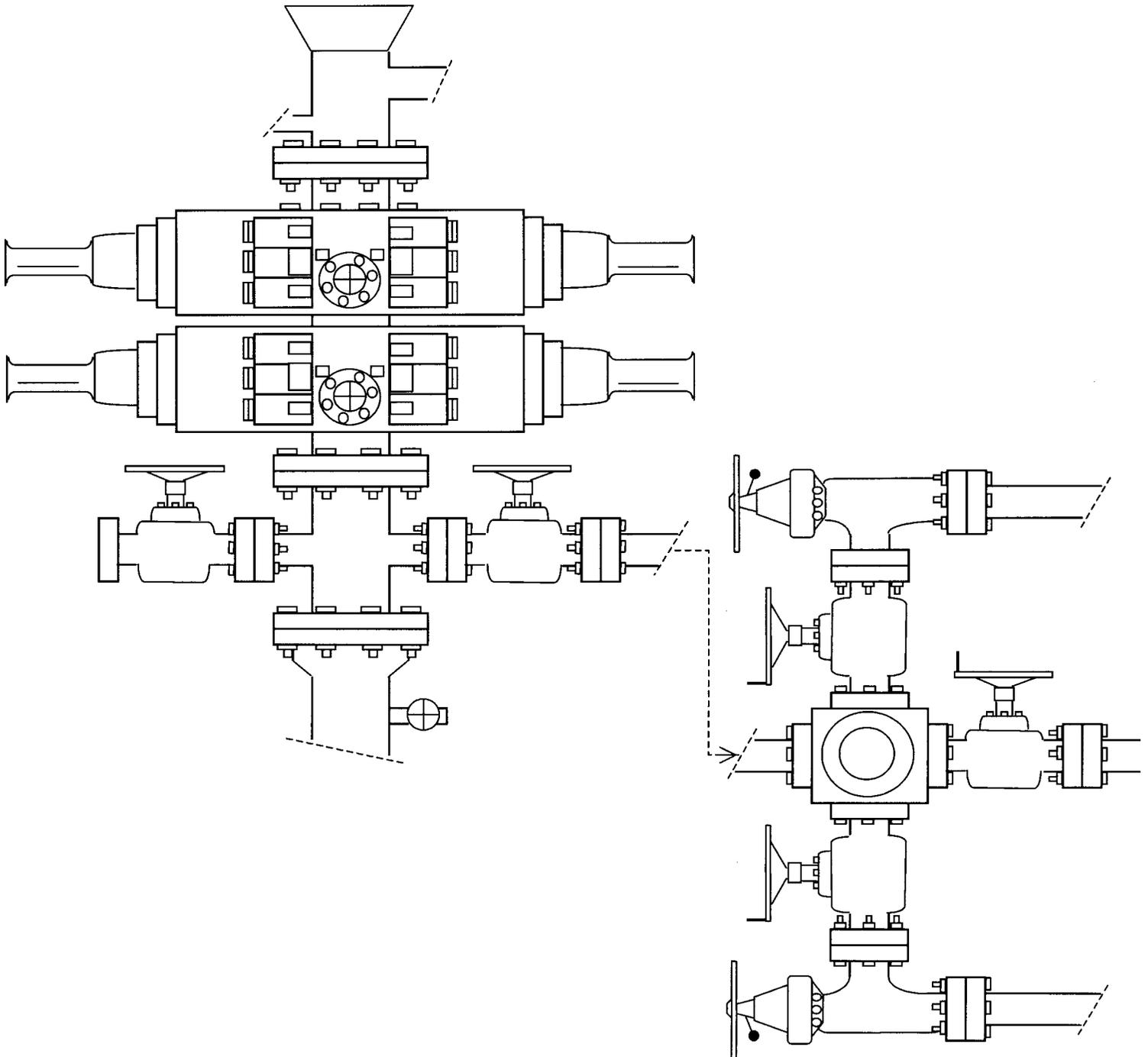


EXHIBIT C

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' SIX BLOCK PARCELS (T8S, R17E, SEC. 20, 33, 34;
T9S R16E S. 15; T9S R17E S. 17, 20; and T9S R18E S. 7)
DUCHESNE AND Uintah COUNTIES, UTAH

by

Melissa Elkins
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office.

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

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

MOAC Report No. 04-94

June 2, 2004

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

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0436b,p

INLAND RESOURCES, INC.

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

Section 34, T 8 S, R 17 E (NW/SW, SW/SW, SE/SW, SW/SE);
Section 20, T 8 S, R 17 E (NW/SE); Section 17, T 9 S, R 17 E
(SE/SW, SW/SE, SE/SE); Section 20, T 9 S, R 17 E (NE/NE, NE/NW);
Section 8, T 9 S, R 18 E (excluding NW/NW, SW/NE, NE/SW, NW/SW, SW/SE)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
July 9, 2004

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

004

APD RECEIVED: 08/12/2004

API NO. ASSIGNED: 43-013-32639

WELL NAME: LONE TREE FED 1-20-9-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 20 090S 170E
 SURFACE: 0554 FNL 0765 FEL
 BOTTOM: 0554 FNL 0765 FEL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-75036
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.02227
 LONGITUDE: 110.02308

RECEIVED AND/OR REVIEWED:

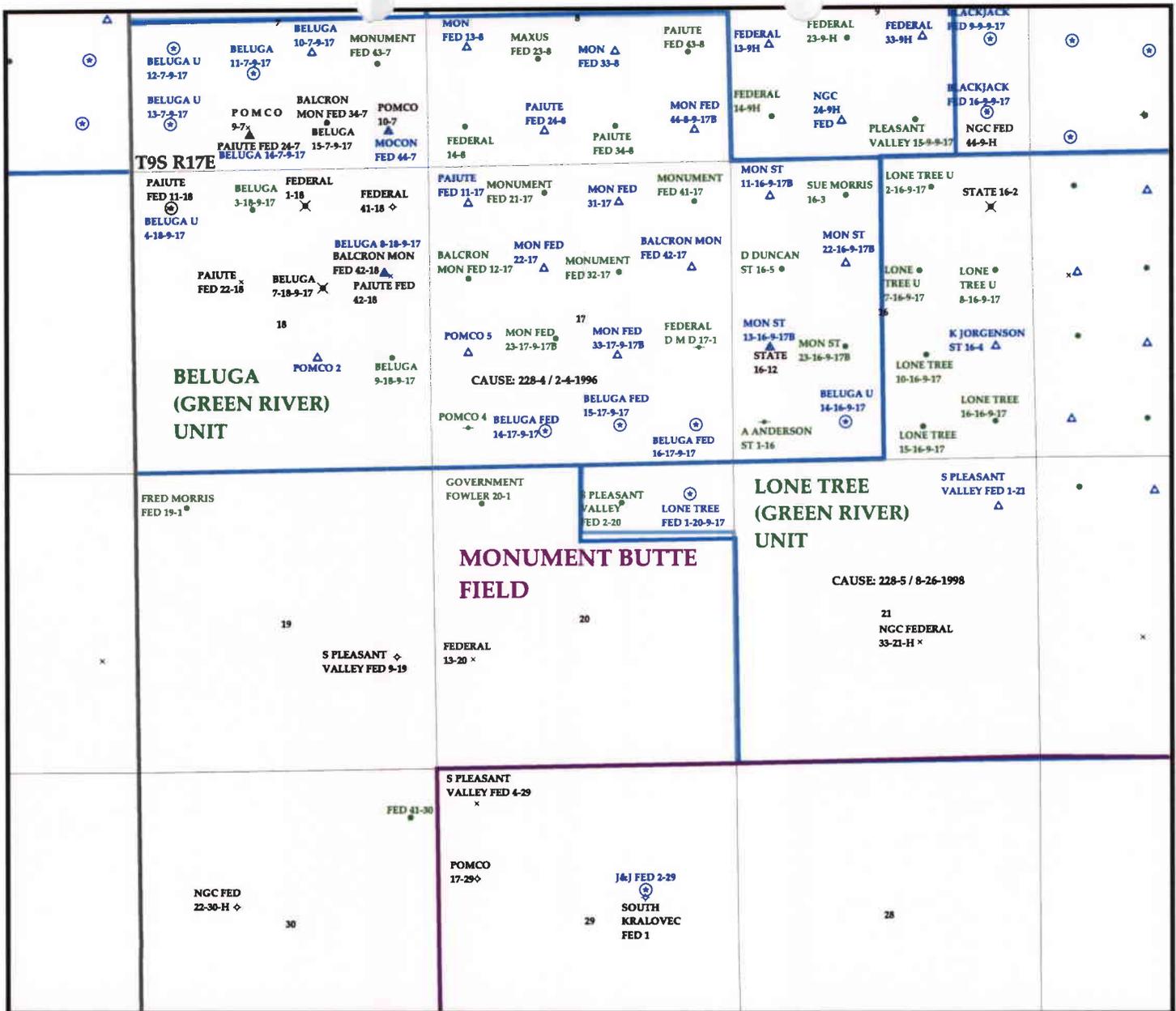
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

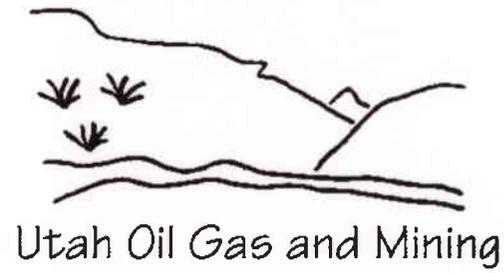
- _____ R649-2-3.
- Unit LONE TREE (GREEN RIVER)
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-5
Eff Date: 8-26-1998
Siting: Suspend General Siting
- _____ R649-3-11. Directional Drill

COMMENTS: SOP, Separate file

STIPULATIONS: 1-Federal Approval



OPERATOR: INLAND PROD CO (N5160)
SEC. 20 T.9S R.17E
FIELD: MONUMENT BUTTE (105)
COUNTY: DUCHESNE
CAUSE: 228-4 / 2-4-1996



- | Wells | Units.shp | Fields.shp |
|-----------------------|----------------|--------------|
| ⚡ GAS INJECTION | 🔲 EXPLORATORY | 🔲 ABANDONED |
| ⊙ GAS STORAGE | 🔲 GAS STORAGE | 🔲 ACTIVE |
| ✕ LOCATION ABANDONED | 🔲 NF PP OIL | 🔲 COMBINED |
| ⊕ NEW LOCATION | 🔲 NF SECONDARY | 🔲 INACTIVE |
| ⚡ PLUGGED & ABANDONED | 🔲 PENDING | 🔲 PROPOSED |
| ⚡ PRODUCING GAS | 🔲 PI OIL | 🔲 STORAGE |
| ● PRODUCING OIL | 🔲 PP GAS | 🔲 TERMINATED |
| ⚡ SHUT-IN GAS | 🔲 PP GEOTHERML | |
| ⚡ SHUT-IN OIL | 🔲 PP OIL | |
| ✕ TEMP. ABANDONED | 🔲 SECONDARY | |
| ○ TEST WELL | 🔲 TERMINATED | |
| ▲ WATER INJECTION | | |
| ♣ WATER SUPPLY | | |
| ♠ WATER DISPOSAL | | |



PREPARED BY: DIANA WHITNEY
DATE: 17-AUG-2004



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 18, 2004

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

Re: Lone Tree Federal 1-20-9-17 Well, 554' FNL, 765' FEL, NE NE, Sec. 20,
T. 9 South, R. 17 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 43-013-32639.

Sincerely,

K. Michael Robertson
For John R. Baza
Associate Director

pab
Enclosures

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

Operator: Inland Production Company
Well Name & Number Lone Tree Federal 1-20-9-17
API Number: 43-013-32639
Lease: UTU-75036

Location: NE NE Sec. 20 T. 9 South R. 17 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.



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 | | |

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-75036

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
LONE TREE

8. Well Name and No.
LONE TREE FEDERAL 1-20-9-17

9. API Well No.
43-013-32639

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
554 FNL 765 FEL NE/NE Section 20, T9S R17E

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

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other Permit Extension |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple 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.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/18/04 (expiration 8/18/05).

This APD has not been approved yet by the BLM.

RECEIVED

AUG 12 2005

DIV. OF OIL, GAS & MINING

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

Date: 08-15-05
By: [Signature]

CONSENT TO OPERATOR
Date: 8-16-05
Initials: CHD

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

Signed Mandie Crozier Title Regulatory Specialist Date 8/9/2005
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-32639
Well Name: Lone Tree Federal 1-20-9-17
Location: NE/NE Section 20, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 8/18/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No *NA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Mandi Cusyer

Signature

8/19/05

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-75036 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A |
| 2. Name of Operator Newfield Production Company | | 7. If Unit or CA Agreement, Name and No. Lone Tree |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | 8. Lease Name and Well No. Lone Tree Federal 1-20-9-17 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43-013-32639 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NE 554' FNL 765' FEL At proposed prod. zone | | 10. Field and Pool, or Exploratory Monument Butte |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 18.2 miles southeast of Myton, Utah | | 11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 20, T9S R17E |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 554' f/lse, 554' f/unit | 16. No. of Acres in lease 120.00 | 12. County or Parish Duchesne |
| 17. Spacing Unit dedicated to this well 40 Acres | 13. State UT | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A | 19. Proposed Depth 6500' | 20. BLM/BIA Bond No. on file UT 0050 UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5380' GL | 22. Approximate date work will start* 1st Quarter 2005 | 23. Estimated duration Approximatley seven (7) days from spud to rig release. |

24. Attachments

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

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

| | | |
|--|--|--------------------|
| 25. Signature <i>Mandie Crozier</i> | Name (Printed/Typed) Mandie Crozier | Date 8/10/04 |
| Title Regulatory Specialist | | |
| Approved by (Signature) <i>Howard B. Leavengood</i> | Name (Printed/Typed) | Date 12/09/2005 |
| Title | Office | |

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

**NOTICE OF APPROVAL
RECEIVED
DEC 20 2005
DIV. OF OIL, GAS & MINING**

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO
DRILL**

Company: Newfield Production Co. **Location:** NENE, Sec 20, T9S, R17E
Well No: Lone Tree Federal 1-20-9-17 **Lease No:** UTU-75036
API No: 43-013-32639 **Agreement:** Lone Tree (GR) Unit

| | | | |
|------------------------------------|---------------------|--------------------------|--------------------|
| Petroleum Engineer: | Matt Baker | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer: | Michael Lee | Office: 435-781-4432 | Cell: 435-828-7875 |
| Supervisory Petroleum Technician: | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| Environmental Scientist: | Paul Buhler | Office: 435-781-4475 | Cell: 435-828-4029 |
| Environmental Scientist: | Karl Wright | Office: 435-781-4484 | |
| Natural Resource Specialist: | Holly Villa | Office: 435-781-4404 | |
| Natural Resource Specialist: | Melissa Hawk | Office: 435-781-4476 | |
| After Hours Contact Number: | 435-781-4513 | Fax: 435-781-4410 | |

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

NOTIFICATION REQUIREMENTS

- Location Construction (Notify Melissa Hawk) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Melissa Hawk) - Prior to moving on the drilling rig.
- Spud Notice (Notify PE) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify SPT) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify SPT) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify PE) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

4 to 6 inches of topsoil shall be stripped from the location and placed where it can most easily be accessed for interim reclamation. Once the well has been converted to water injection, the fill slopes shall be recontoured and the topsoil shall be spread over the entire well location. The well location shall then be seeded with crested wheatgrass (Variety Hycrest) at a 12 lb/acre rate (pure live seed). After seeding has been completed, an access road loop to the well head can be established. The reserve pit will be allowed to stay open until interim reclamation is completed so the entire area can be seeded at the same time. The interim seeding of the well location and reserve pit shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Both the water line and the gas line shall be buried in the same trench. When backfilling the trenches, care shall be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, these disturbed areas shall also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.

The temporary gas lines used during the temporary production phase shall be laid on the surface, and then removed once the well is turned to water injection.

No pipeline construction will be allowed outside of already disturbed areas when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 1-20-9-17

Api No: 43-013-32639 Lease Type: FEDERAL

Section 20 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 01/10/06

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by TROY

Telephone # 1-435-823-6013

Date 01/10/2006 Signed CHD

RECEIVED

JAN 20 2006

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

DIV. OF OIL, GAS & MIN

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

OPERATOR ACCT. NO. N2696

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|--------------|-----------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12417 ✓ | 43-013-32639 | LONE TREE FEDERAL 1-20-8-17 | NENE | 20 | 9S | 17E | DUCHESNE | 01/10/06 | 1/26/06 |
| WELL COMMENTS: <i>GRRV</i> - J | | | | | | | | | | | |
| B | 99999 | 11492 ✓ | 43-013-32753 | JONAH 15-15-9-18 | SWSE | 15 | 9S | 16E | DUCHESNE | 01/07/06 | 1/26/06 |
| WELL COMMENTS: <i>GRRV</i> - K | | | | | | | | | | | |
| B | 99999 | 12308 ✓ | 43-013-32445 | SANDWASH FEDERAL 13-31-8-17 | SWSW | 31 | 8S | 17E | DUCHESNE | 01/05/06 | 1/26/06 |
| WELL COMMENTS: <i>GRRV</i> - J | | | | | | | | | | | |
| B | 99999 | 14844 ✓ | 43-047-35972 | FEDERAL 11-33-8-18 | NESW | 33 | 8S | 18E | UINTAH | 01/06/06 | 1/26/06 |
| WELL COMMENTS: <i>GRRV Sundance Unit</i> - J | | | | | | | | | | | |
| A | 99999 | 15153 ✓ | 43-013-10822 | PAN AMERICAN 1FR-9-16 | NWNW | 13 | 9S | 16E | DUCHESNE | 01/05/06 | 1/20/06 |
| WELL COMMENTS: <i>GRRV</i> <i>GRRV</i> - K | | | | | | | | | | | |
| B | 99999 | 12391 ✓ | 43-013-32796 | GREATER BOUNDARY 2A-3-9-17 | NENW | 3 | 9S | 17E | DUCHESNE | 01/07/06 | 1/26/06 |
| WELL COMMENTS: <i>GRRV</i> - J | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - Effect as a new entity for new well (single well only)
- B - Addition as well to existing entity (group or unit well)
- C - Reassign well from one existing entity to another existing entity
- D - Reassign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

Kira Kettle

Kira Kettle

Signature

Production Clerk

Title

January 20, 2006

Date

01/20/2006 14:01

4356463031

INLAND

PAGE 03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
Unassigned

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
LONE TREE FEDERAL 1-20-9-17

9. API Well No.
4301332639

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Newfield Production Company

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

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

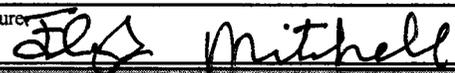
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
554 FNL 765 FEL
NE/NE Section 20 T9S R17E

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

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

On 1/10/2006 MIRU NDSI NS # 1. Spud well @ 8:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 318.38' KB On 1/13/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4.5 bbls cement to pit. WOC.

| | |
|--|------------------------------|
| I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell | Title Drilling Supervisor |
| Signature  | Date 01/19/2006 |

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

JAN 24 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 318.38

LAST CASING 8 5/8" set @ 318.38
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Lone Tree Federal 1-20-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

| LOG OF CASING STRING: | | | | | | | |
|---|--------|---|----------|-------------------------------------|--------|-------|---------------|
| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
| | | Shoe Joint 41.35' | | | | | |
| | | WHI - 92 csg head | | | 8rd | A | 0.95 |
| 7 | 8 5/8" | Maverick ST&C csg | 24# | J-55 | 8rd | A | 306.53 |
| | | GUIDE shoe | | | 8rd | A | 0.9 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 308.38 |
| TOTAL LENGTH OF STRING | | 308.38 | 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 | | | 318.38 |
| TOTAL | | 306.53 | 7 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 306.53 | 7 | | | | |
| TIMING | | 1ST STAGE | | GOOD CIRC THRU JOB <u>YES</u> | | | |
| BEGIN RUN CSG. Spud | | 1/10/2006 | 8:00 AM | Bbls CMT CIRC TO SURFACE <u>4.5</u> | | | |
| CSG. IN HOLE | | 1/11/2006 | 2:00 PM | RECIPROCATED PIPE FOR <u>N/A</u> | | | |
| BEGIN CIRC | | 1/13/2006 | 9:56 AM | BUMPED PLUG TO <u>450</u> PSI | | | |
| BEGIN PUMP CMT | | 1/13/2006 | 10:08 AM | | | | |
| BEGIN DSPL. CMT | | 1/13/2006 | 10:13 AM | | | | |
| PLUG DOWN | | 1/13/2006 | 10:20 AM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 160 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | SHOW MAKE & SPACING | | | | | |
| Centralizers - Middle first, top second & third for 3 | | | | | | | |

COMPANY REPRESENTATIVE Troy Zufelt DATE 1/13/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
UTU0142175

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
LONE TREE FEDERAL 1-20-9-17

9. API Well No.
4301332639

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
554 FNL 765 FEL
NE/NE Section 20 T9S R17E

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

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

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

On 1/21/06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 250'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5660'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 132 jt's of 5.5 J-55, 15.5# csgn. Set @ 5649' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 12:30 AM on 1/26/06.

| | |
|---|---------------------------|
| I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum | Title Drilling Foreman |
| Signature | Date 01/27/2006 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED
JAN 30 2006
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5649.81

Fit cllr @ 5607'

LAST CASING 8 5/8" SET AT 318'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Lone Tree Federal 1-20-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI #1

TO DRILLER 5660' Loggers TD 5660'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|-----------------------------|---------------|---------------------------|----------------|-----------------------------|------------|----------|----------------|
| | | Landing Jt | | | | | 14 |
| | SHJT | 6.45' @ 4015' | | | | | |
| 131 | 5 1/2" | ETC LT & C casing | 15.5# | J-55 | 8rd | A | 5593.09 |
| | | Float collar | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C csg | 15.5# | J-55 | 8rd | A | 42.52 |
| | | GUIDE shoe | | | 8rd | A | 0.65 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 5651.81 |
| TOTAL LENGTH OF STRING | | 5651.81 | 132 | LESS CUT OFF PIECE | | | 14 |
| LESS NON CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 85.43 | 2 | CASING SET DEPTH | | | 5649.81 |
| TOTAL | | 5721.99 | 134 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 5721.99 | 134 | | | | |
| TIMING | | 1ST STAGE | 2nd STAGE | | | | |
| BEGIN RUN CSG. | | 1/25/2006 | 2:30 PM | GOOD CIRC THRU JOB | | | Yes |
| CSG. IN HOLE | | 1/25/2006 | 5:30 PM | Bbls CMT CIRC TO SURFACE | | | 35 bbls |
| BEGIN CIRC | | 1/25/2006 | 5:35 PM | RECIPROCATED PIPE FOR | | | THRUSTROKE |
| BEGIN PUMP CMT | | 1/25/2006 | 7:00 PM | DID BACK PRES. VALVE HOLD ? | | | Yes |
| BEGIN DSPL. CMT | | 1/25/2006 | 20:00 | BUMPED PLUG TO | | | 1986 PSI |
| PLUG DOWN | | 25-Jan | 9:25 PM | | | | |

| | | | |
|---|------------|---|--|
| CEMENT USED | | 4 CEMENT COMPANY- B. J. | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | |
| 1 | 300 | Premiite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake | |
| | | mixed @ 11.0 ppg W / 3.43 cf/sk yield | |
| 2 | 425 | 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD | |
| CENTRALIZER & SCRATCHER PLACEMENT | | SHOW MAKE & SPACING | |
| Centralizers - Middle first, top second & third. Then every third collar for a total of 20. | | | |
| | | | |

COMPANY REPRESENTATIVE Justin Crum

DATE 1/25/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

| | |
|--|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | |
| 2. Name of Operator NEWFIELD PRODUCTION COMPANY | |
| 3a. Address Route 3 Box 3630 Myton, UT 84052 | 3b. Phone No. (include are code) 435.646.3721 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 554 FNL 765 FEL NE/NE Section 20 T9S R17E | |

| |
|---|
| 5. Lease Serial No. UTU0142175 |
| 6. If Indian, Allottee or Tribe Name. |
| 7. If Unit or CA Agreement, Name and/or No. LONE TREE UNIT |
| 8. Well Name and No. LONE TREE FEDERAL 1-20-9-17 |
| 9. API Well No. 4301332639 |
| 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 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 Newfield's secondary recovery project.

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

RECEIVED
 Utah Division
 Oil, Gas and Mining
 FOR RECORD (11)

| | |
|--|--------------------------------|
| I hereby certify that the foregoing is true and correct Name (Printed, Typed) Mandie Crozier | Title Regulatory Specialist |
| Signature <i>Mandie Crozier</i> | Date 02/16/2006 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title 18 U.S.C. Section 1001 and Title 18 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

FEB 21 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

| | | |
|--|---|---|
| SUBMIT IN TRIPLICATE - Other Instructions on reverse side | | 5. Lease Serial No. UTU0142175 |
| 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 NEWFIELD PRODUCTION COMPANY | | 7. If Unit or CA/Agreement, Name and/or No. LONE TREE UNIT |
| 3a. Address Route 3 Box 3630 Myton, UT 84052 | 3b. Phone No. (include area code) 435.646.3721 | 8. Well Name and No. LONE TREE FEDERAL 1-20-9-17 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 554 FNL 765 FEL NE/NE Section 20 T9S R17E | | 9. API Well No. 4301332639 |
| | | 10. Field and Pool, or Exploratory Area Monument Butte |
| | | 11. County or Parish, State Duchesne, UT |

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

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

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

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

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

2-22-06
CJD

| | |
|---|--------------------------------|
| I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mandie Crozier | Title Regulatory Specialist |
| Signature <i>Mandie Crozier</i> | Date 02/16/2006 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--|---|
| Approved by _____ | Accepted by the Utah Division of Oil, Gas and Mining | Federal Approval Of This Action Is Necessary |
| 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. | Date: 2/22/06 | |
| 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 any false, fictitious, and fraudulent statements or representations as to any matter within the jurisdiction of the department or agency. | By: <i>[Signature]</i> | RECEIVED |

Instructions on reverse

FEB 21 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
554 FNL 765 FEL
NE/NE Section 20 T9S R17E

5. Lease Serial No.

UTU0142175

6. If Indian, Allottee or Tribe Name.

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

LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 1-20-9-17

9. API Well No.

4301332639

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or 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 02/02/06 - 02/14/06

Subject well had completion procedures intiated in the Green River formation on 02-02-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5496'-5503'); Stage #2 (5033'-5039'),(5023'-5027'),(5006'-5012'); Stage #3(4871'-4876'),(4784'-4790'),(4756'-4761'); Stage #4 (4510'-4519'); Stage #5 (4401'-4409'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 02-13-2006. Bridge plugs were drilled out and well was cleaned to 5606'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 02-14-2006.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature *Lana Nebeker*

Title

Production Clerk

Date

03/07/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Date

Office

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

(Instructions on reverse)

RECEIVED

MAR 09 2006

DIV. OF OIL GAS & MINERALS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | |
|---|---|--|---|
| 1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | 7. UNIT AGREEMENT NAME Lone Tree Unit | |
| 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ | | 8. FARM OR LEASE NAME, WELL NO. Lone Tree Federal 1-20-9-17 | |
| 2. NAME OF OPERATOR Newfield Exploration Company | | 9. WELL NO. 43-013-32639 | |
| 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 554' FNL & 765' FEL (NE/NE) Sec. 20, T9S, R17E At top prod. Interval reported below | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T9S, R17E | |
| At total depth | | 14. API NO. 43-013-32639 | 12. COUNTY OR PARISH Duchesne |
| | | DATE ISSUED 8/18/04 | 13. STATE UT |
| 15. DATE SPUNDED 1/10/06 | 16. DATE T.D. REACHED 1/25/06 | 17. DATE COMPL. (Ready to prod.) 2/14/06 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5380' GL 5392' KB |
| 20. TOTAL DEPTH, MD & TVD 5660' | | 21. PLUG BACK T.D., MD & TVD 5606' | 19. ELEV. CASINGHEAD |
| | | 22. IF MULTIPLE COMPL. HOW MANY* | 23. INTERVALS DRILLED BY -----> |
| | | | ROTARY TOOLS X |
| | | | CABLE TOOLS |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4401'-5503' | | | 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 |

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# | 318' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 5650' | 7-7/8" | 300 sx Premlite II and 425 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 @ 5514' | TA @ 5445' |

| 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 | |
| (CP5) 5496'-5503' | .46" | 4/28 | 5496'-5503' | Frac w/ 25,062# 20/40 sand in 340 bbls fluid | |
| (LODC) 5006'-12', 5023'-27', 5033'-39' | .43" | 4/64 | 5006'-5039' | Frac w/ 54,668# 20/40 sand in 523 bbls fluid | |
| 1,3&LODC) 4756'-61', 4784'-90', 4871'-76' | .43" | 4/64 | 4756'-4876' | Frac w/ 49,937# 20/40 sand in 484 bbls fluid | |
| (C) 4510'-4519' | .43" | 4/36 | 4510'-4519' | Frac w/ 20,368# 20/40 sand in 285 bbls fluid | |
| (D2) 4401'-4409' | .43" | 4/32 | 4401'-4409' | Frac w/ 41,1834# 20/40 sand in 393 bbls fluid | |

| | | | | | | | |
|--|-----------------|--|-------------------------|-----------|-------------|--|---------------|
| 33.* DATE FIRST PRODUCTION 2/14/06 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump | | | | WELL STATUS (Producing or shut-in) PRODUCING | |
| DATE OF TEST 30 day ave | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF | WATER--BBL. | GAS-OIL RATIO |
| | | | -----> | 23 | 4 | 46 | 174 |
| FLOW TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL--BBL. | GAS--MCF | WATER--BBL. | OIL GRAVITY--API (CORR.) | |
| | | -----> | | | | | |

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

35. LIST OF ATTACHMENTS

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

SIGNED: *M. Wade Casper* TITLE: Regulatory Specialist DATE: MAR 22 2006 TIME: 3/20/2006

DIV. OF OIL, GAS & MINING

| 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 Lone Tree Federal 1-20-9-17 | Garden Gulch Mkr | 3362' | |
| | | | | Garden Gulch 1 | 3561' | |
| | | | | Garden Gulch 2 | 3672' | |
| | | | | Point 3 Mkr | 3945' | |
| | | | | X Mkr | 4173' | |
| | | | | Y-Mkr | 4208' | |
| | | | | Douglas Creek Mkr | 4339' | |
| | | | | BiCarbonate Mkr | 4571' | |
| | | | | B Limestone Mkr | 4679' | |
| | | | | Castle Peak | 5186' | |
| | | | | Basal Carbonate | 5608' | |
| | | | | Total Depth (LOGGERS) | 5660' | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAY - 8 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

David Gerbig
Operations Engineer
Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

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

43,013,32639
95 17E 20

RE: Additional Well to Lone Tree Area Permit
UIC Permit No. UT20853-00000
Well ID: UT20853-07603
Lone Tree Federal No. 1-20-9-17
Duchesne County, Utah

Dear Mr. Gerbig:

Newfield Production Company's (Newfield) request to convert Lone Tree Federal No. 1-20-9-17 to a Green River Formation enhanced recovery injection well is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of this Authorization For Additional Well.

The addition of Lone Tree Federal No. 1-20-9-17, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 Code of Federal Regulations (CFR) §144.33 (c) and terms of the Underground Injection Control (UIC) Lone Tree Area Permit No. UT20853-00000, and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Newfield has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3366 feet and the top of the Wasatch Formation which is estimated to be 5733 feet.

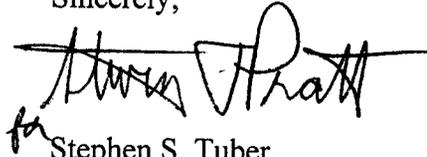


Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) and a completed **EPA Form No. 7520-12 (Well Rework Record)** with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for Lone Tree Federal No. 1-20-9-17 was determined to be **1645 psig**. UIC Area Permit UT20853-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a Step-Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

~~If you have any questions~~, please call Emmett Schmitz at (303) 312-6174, or from outside the Denver area 1-800-227-8917 (Ext. 312-6174). Please submit the required data to the **ATTENTION: EMMETT SCHMITZ** at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

encl: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Schematic Diagram Proposed Conversion: Lone Tree Federal No. 1-20-9-17
Schematic Diagram Proposed P&A Plan: Lone Tree Federal No. 1-20-9-17

cc: without enclosures:

Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Irene Cuch
Councilwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Chester Mills
Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Smiley Arrowchis
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ronald Grove
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Richard Jenks, Jr..
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Francis Poowegup
councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

cc: with enclosures:

Lynn Becker
Director
Energy & Minerals Dept.
Ute Indian Tribe

Shaun Chapoose
Director
Land Use Dept.
Ute Indian Tribe

Michael Guinn
Vice President - Operations
Newfield Production Company
Myton, UT 84052

Gilbert Hunt
Associate Director
State of Utah
Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street

DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

The Final Lone Tree UIC Area Permit No. UT20853-00000, effective February 8, 1994, authorized enhanced recovery injection into portions of the Douglas Creek Member of the Green River Formation. Major Permit Modification No. 1, effective September 9, 2003, authorized injection for the purpose of enhanced oil recovery into multiple lenticular sand and carbonate units which are distributed throughout the Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation. On January 22, 2007, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name: **Lone Tree Federal No. 1-20-9-17**
EPA Well ID Number: **UT20853-07603**
Location: 554 ft FNL & 765 ft FEL
NE NE Sec. 20 - T9S - R17E
Duchesne County, Utah.

Pursuant to Code of Federal Regulations Title 40 (40 CFR) §144.33, UIC Area Permit No. UT20853-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20853-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date. Authorization is effective upon signature.

Date: 5/8/07

Stephen S. Tuber

* Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the Permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal No. 1-20-9-17 EPA Well ID: UT20853-07603

Page 1 of 6



WELL-SPECIFIC REQUIREMENTS

Well Name: **Lone Tree Federal No. 1-20-9-17**

EPA Well ID Number: **UT20853-07603**

Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director:

1. a successful Part I (Internal) Mechanical Integrity Test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.

Approved Injection Zone: The Approved Injection Zone is the interval between the top of the Green River Formation Garden Gulch Member at 3366 feet and the top of the Wasatch Formation which is estimated to be 5733 feet. The permittee is authorized to perforate additional intervals within the Approved Injection Zone for enhanced recovery injection.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1645 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] D, \text{ where} \\ \text{FG} &= 0.810 \text{ psi/ft} \\ \text{SG} &= 1.015 \\ D &= 4401 \text{ ft (Top perforation depth)} \\ \text{MAIP} &= \mathbf{1645 \text{ psig.}} \end{aligned}$$

UIC Area Permit No. UT20853-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a Step-Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction and Corrective Action: No Corrective Action is required.

Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft above the top perforation.

Corrective Action for Wells in Area of Review: No pre-injection Corrective Action is required. The permittee shall observe the surface location of all wells within the one-quarter (1/4) mile AOR on a weekly basis. Should injectate contamination be observed at the surface, the permittee shall immediately suspend injection into the Lone Tree Federal No. 1-20-9-17. Injection shall not resume until the noncompliance has been resolved and injection is approved by letter from the Director.

Demonstration of Mechanical Integrity: A successful demonstration of Part I (Internal) Mechanical Integrity using a standard Casing-Tubing pressure test is required prior to injection and at least once every five years thereafter. EPA reviewed the cement bond log and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR 146.8 (a)(2). Therefore, further demonstration of Part II (External) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility via an Annual Statement that has been reviewed and approved by the EPA. The present Plugging and Abandonment cost has been estimated by the permittee to be \$33,500.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable federal, State or local law or regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) at approximately 4350 feet or no more than fifty (50) feet above the top injection perforation. Place at least 100-foot of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale zone: Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Shale between approximately 2530 feet to 2685 feet (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 155-foot balanced cement plug inside the 5-1/2" casing across the Trona Zone and the Mahogany Shale, approximately 2530 feet to 2685 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (2050 feet - 2150 feet) on the backside of the 5-1/2" casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2" casing across the base of the Uinta Formation, from approximately 2050 feet to 2150 feet.

PLUG NO.4: Seal surface: Set a Class "G" cement plug within the 5-1/2" casing to 440 feet and up the 5-1/2" by 8-5/8" inch casings annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 feet below ground level and set P&A marker. Submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

Reporting of Noncompliance:

(a) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(b) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.

(c) **Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days** of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1.800.227.8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at 303.293.1788 if calling from outside EPA Region 8. The following information shall be included in the verbal report:

(a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.

(b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1.800.424.8802 or 202.267.2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal No. 1-20-9-17**

EPA Well ID Number: **UT20853-07603**

Current Status: The Lone Tree Federal No. 1-20-9-17 is currently a Douglas Creek Member oil well waiting on EPA authorization to convert to a Class II Green River Formation enhanced recovery injection well.

Underground Sources of Drinking Water (USDWs): USDWs in the Area Permit generally occur within the Uinta Formation. According to the "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water, within Lone Tree Federal No. 1-20-9-17, may be found at approximately 390 feet below ground surface.

<http://NRWRT1.NR.STATE.UT.US>: (Water Rights...Queries...POD). Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Lone Tree Federal No. 1-20-9-17 there are no reservoirs, streams, springs, domestic or agricultural water wells.

The Bureau of Land Management (BLM), Vernal, Utah, identifies a non-working **gilsonite** vein with a diagonal strike from the northwest corner of Section 30-T8S-R17E to the approximate center of Section 4-T9S-R17E. The BLM and the State of Utah-Natural Resources Department agree that the total depth of this vein approximates 2000 feet. Because it terminates at least 1000 feet above the authorized injection interval Confining Zone, both agencies, and the EPA, agree that the gilsonite vein is not a pathway for vertical migration of injectate out of the deeper Green River Formation authorized injection interval.

Composition of Injectate and Formation Water: (Total Dissolved Solids [TDS])

- TDS of Injection Zone water: **19,700 mg/l** (Analysis: 11/20/06).
- TDS of injectate: **10,506 mg/l**. Unit-produced water is blended at pump facility with Johnson Water District (Analysis 1/19/06).

Confining Zone:

The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately eighty (80) feet of shale between the depths of 3286 feet and 3366 feet (KB).

Injection Zone:

The Injection Zone is an approximate 2397-foot section of multiple lenticular sand units interbedded with shale, marlstone and limestone, from the top of the Garden Gulch Member at 3366 feet (KB) to the top of the Wasatch Formation estimated to be 5733 feet (KB). All formation top depths are based on correlation to the Federal No.1-26-8-17 (UT20702-04671) Type Log.

Authorization for Additional Well: UIC Area Permit UT20853-00000

Well: Lone Tree Federal No. 1-20-9-17 EPA Well ID: UT20853-07603

Well Construction: There is 80% bond index cement bond across the Confining Zone.
Surface: 8-5/8" casing is set at 318 feet (KB) in a 12-1/4" hole, using 160 sacks of cement which was circulated to the surface.
Longstring: 5-1/2" casing is set at 5650 feet (KB) in a 7-7/8" hole and secured with 725 sacks of cement. Top of cement (TOC) calculated by EPA = 960 feet.
Perforations: Gross Perforations: 4401 feet to 5503 feet.

Determination of a Fracture Gradient: Of the five (5) sand/fracture treatments conducted on the Lone Tree Federal No. 1-20-9-17, the minimum calculated fracture gradient (FG) is 0.810 psi/ft; a value in accord with FGs derived from Step-Rate Tests (STR) conducted on injection wells proximate to the subject well. Until an SRT has been run on the subject well, the EPA will use a FG of 0.810 psi/ft to calculate the MAIP.

Step-Rate Test (SRT): A Step-Rate Test may be required to confirm that the initial maximum authorized injection pressure (MAIP), based on sand/frac treatments, is appropriate to ensure that pressure during injection will not initiate new fractures or propagate existing fractures in the confining zone.

Wells in Area of Review (AOR): The following Green River oil wells within or proximate to a one-quarter (1/4) mile radius around the Lone Tree Federal No. 1-20-17 were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. Other than a weekly inspection of each location for surface injectate leakage, no corrective action is required.

South Pleasant Valley 2-20-9-17
Beluga Federal 16-17-9-17

NE NE Section 20 - T9S - R17E
SE SE Section 3 - 17 - T9S - R17E

UT 20853-07603

Lone Tree Federal 1-20-9-17

Spud Date: 01/10/06
Pit on Production: 02/14/06
GL: 5391' KB: 5392'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

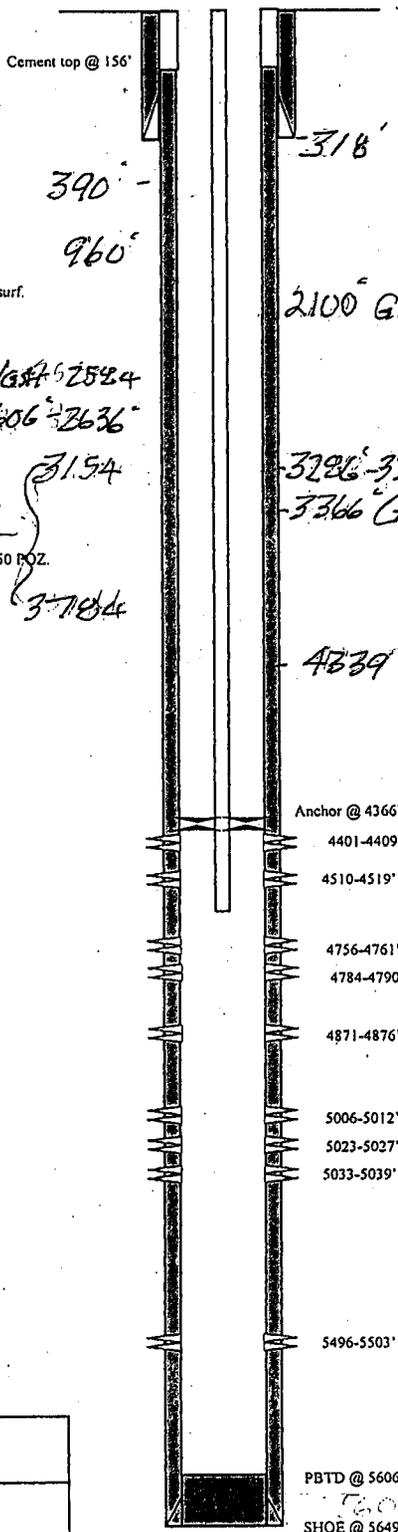
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24# *Base USQWs 390'*
LENGTH: 7 jts. (306.53')
DEPTH LANDED: 318.38' KB *TOC/EPA 960'*
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" *Tonal/Birds NGA# 52524*
GRADE: J-55 *Mahogany bench 2606'-2636'*
WEIGHT: 15.5#
LENGTH: 132 jts. (5635.611')
DEPTH LANDED: 5649.81' KB *31.54*
HOLE SIZE: 7-7/8" *80% Bond*
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. *3-7844*

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5432.93')
TUBING ANCHOR: 5444.93' KB
NO. OF JOINTS: 1 jts (32.55')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5480.28' KB
NO. OF JOINTS: 1 jts (32.52')
TOTAL STRING LENGTH: EOT @ 5514.35' KB



FRAC JOB

| | | |
|----------|------------|--|
| 02/08/06 | 5496-5503' | Frac CP5 sands as follows: 25062# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2108 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5501 gal. Actual flush: 4914 gal. |
| 02/08/06 | 5006-5039' | Frac LODC sands as follows: 54668# 20/40 sand in 523 bbls Lightning 17 frac fluid. Treated @ avg press of 2333 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 5037 gal. Actual flush: 4494 gal. |
| 02/08/06 | 4756-4876' | Frac LODC, A1, A3 sands as follows: 49937# 20/40 sand in 484 bbls Lightning 17 frac fluid. Treated @ avg press of 1775 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4874 gal. Actual flush: 4200 gal. |
| 02/08/06 | 4510-4519' | Frac C sands as follows: 20368# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 2015 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 4517 gal. Actual flush: 3990 gal. |
| 02/08/06 | 4401-4409' | Frac D2 sands as follows: 41183# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 14.4 BPM. ISIP 2100 psi. Calc flush: 4407 gal. Actual flush: 4284 gal. |

PERFORATION RECORD

| Date | Interval | JSPF | Holes |
|----------|------------|--------|----------|
| 02/02/06 | 5496-5503' | 4 JSPF | 28 holes |
| 02/08/06 | 5033-5039' | 4 JSPF | 24 holes |
| 02/08/06 | 5023-5027' | 4 JSPF | 16 holes |
| 02/08/06 | 5006-5012' | 4 JSPF | 24 holes |
| 02/08/06 | 4871-4876' | 4 JSPF | 20 holes |
| 02/08/06 | 4784-4790' | 4 JSPF | 24 holes |
| 02/08/06 | 4756-4761' | 4 JSPF | 20 holes |
| 02/08/06 | 4510-4519' | 4 JSPF | 36 holes |
| 02/08/06 | 4401-4409' | 4 JSPF | 32 holes |

NEWFIELD

Lone Tree Federal 1-20-9-17
554' FNL & 765' FEL
NE/NE Section 20-T9S-R17E
Duchesne Co, Utah
API #43-013-32639; Lease #UTU-75036

PBTD @ 5606'
SHOE @ 5649'
TD @ 5660'
5606 Basal Carb.
Est 5735 Wasatch

Lone Tree Federal 1-20-9-17

Spud Date: 01/10/06
 Put on Production: 02/14/06
 GL: 5391' KB: 5392'

Proposed P & A
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.53')
 DEPTH LANDED: 318.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbis cmt to surf.

Base USDWs 390'
TOC/EPA 960'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5635.611')
 DEPTH LANDED: 5649.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

Cement Plug 2535'-2685'

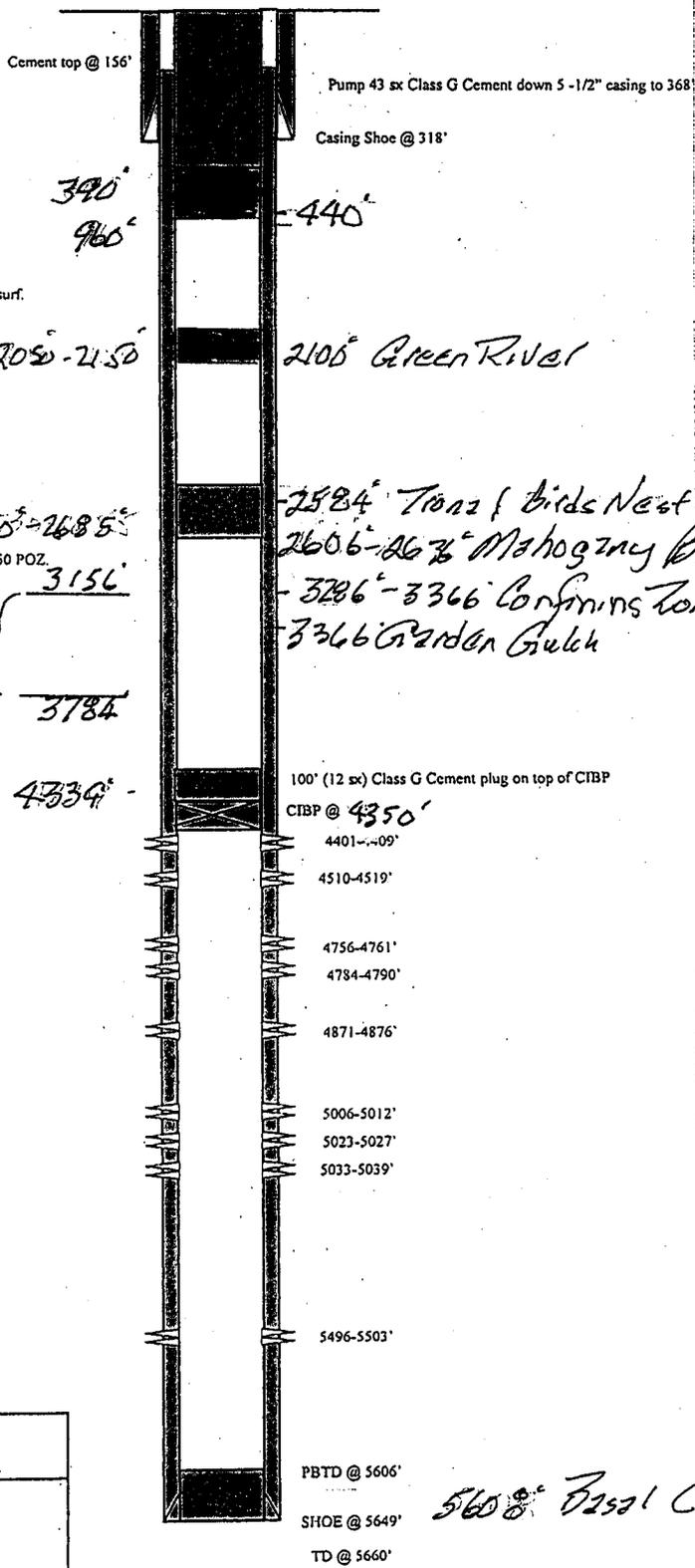
80% Bond

3156'

3784'

Douglas Creek

4339'



Pump 43 sxs Class G Cement down 5-1/2" casing to 368'

Casing Shoe @ 318'

440'

2108' Green River

2584' Tonsil Birds Nest

2606-2678' Mahogany Bench

3286'-3366' Confining Zone

3366' Garden Gulch

100' (12 sxs) Class G Cement plug on top of CIBP

CIBP @ 4350'

4401--09'

4510-4519'

4756-4761'

4784-4790'

4871-4876'

5006-5012'

5023-5027'

5033-5039'

5496-5503'

PBTD @ 5606'

SHOE @ 5649'

TD @ 5660'

5608' Basal Carbonate

Est. 5735' Wash

| |
|--|
| |
| <p>Lone Tree Federal 1-20-9-17</p> <p>554' FNL & 765' FEL</p> <p>NE/NE Section 20-T9S-R17E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32639; Lease #UTU-75036</p> |



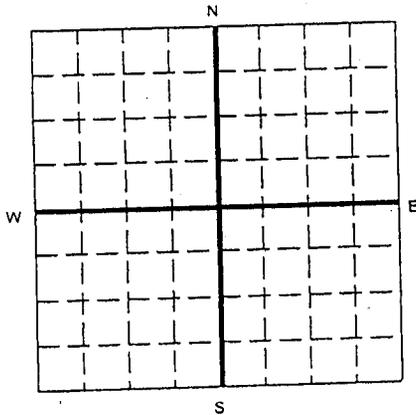
United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on
Section Plat - 640 Acres



| | | |
|---|---|--|
| State | County | Permit Number |
| Surface Location Description ____ 1/4 of ____ 1/4 of ____ 1/4 of ____ 1/4 of Section ____ Township ____ Range ____ | | |
| Locate well in two directions from nearest lines of quarter section and drilling unit | | |
| Surface Location ____ ft. frm (N/S) ____ Line of quarter section and ____ ft. from (E/W) ____ Line of quarter section. | | |
| WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name _____ | Total Depth Before Rework _____ Total Depth After Rework _____ Date Rework Commenced _____ Date Rework Completed _____ | TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells ____ Well Number _____ |

WELL CASING RECORD -- BEFORE REWORK

| Casing | | Cement | | Perforations | | Acid or Fracture Treatment Record |
|--------|-------|--------|------|--------------|----|-----------------------------------|
| Size | Depth | Sacks | Type | From | To | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

| Casing | | Cement | | Perforations | | Acid or Fracture Treatment Record |
|--------|-------|--------|------|--------------|----|-----------------------------------|
| Size | Depth | Sacks | Type | From | To | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

| DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY | WIRE LINE LOGS, LIST EACH TYPE | |
|--|--------------------------------|------------------|
| | Log Types | Logged Intervals |
| | | |
| | | |
| | | |

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

| | | |
|--|--|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. USA UTU-75036 |
| 2. Name of Operator NEWFIELD PRODUCTION COMPANY | | 6. If Indian, Allottee or Tribe Name. |
| 3a. Address Route 3 Box 3630 Myton, UT 84052 | 3b. Phone (include are code) 435.646.3721 | 7. If Unit or CA/Agreement, Name and/or GMBU |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 554 FNL 765 FEL NENE Section 20 T9S R17E | | 8. Well Name and No. LONE TREE FEDERAL 1-20-9-17 |
| | | 9. API Well No. 4301332639 |
| | | 10. Field and Pool, or Exploratory Area GREATER MB UNIT |
| | | 11. County or Parish, State DUCHESNE, UT |

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

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

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

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

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

RECEIVED
FEB 01 2012
DIV. OF OIL, GAS & MINING

| | |
|--|--------------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle | Title Regulatory Technician |
| Signature | Date 01/25/2012 |

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

Ref: 8P-W-GW

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

RE: Underground Injection Control (UIC)
Additional Well to Lone Tree Area Permit
EPA UIC Permit UT20702-09481
Well: Lone Tree Federal 1-20-9-17
NENE Sec. 20 T9S-R17E
Duchesne County, Utah
API No.: 43-013-32639

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

FOR RECORD ONLY

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree Federal 1-20-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit No. UT20702-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

RECEIVED

MAR 08 2012

DIV. OF OIL, GAS & MINING

If you have any questions, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Lone Tree Federal 1-20-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:
Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

ed: yf batman A
To: [unclear] [unclear]
[unclear] [unclear] [unclear]
[unclear] [unclear] [unclear]

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20702-00000

The Lone Tree Final UIC Area Permit UT20702-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On January 25, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

| | |
|-----------------------|--|
| Well Name: | Lone Tree Federal 1-20-9-17 |
| EPA Permit ID Number: | UT20702-09481 |
| Location: | 554' FNL & 765' FEL NENE Sec. 20 T9S-R17E Duchesne County, Utah API #43-013-32639 |

Pursuant to 40 CFR §144.33, Area UIC Permit UT20702-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20702-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: _____

[Handwritten signature]

[Handwritten signature]
for **Callie A. Videtich**
*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Lone Tree Federal 1-20-9-17

EPA Well ID Number: UT20702-09481

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,865 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.856 psi/ft, SG is 1.015 and D is 4,401 ft.

UIC Area Permit No. UT20702-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

*Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Lone Tree Federal 1-20-9-17 EPA Well ID: UT20702-09481*

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 1-20-9-17**
EPA Well ID Number: **UT20702-09481**

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 584 ft. below ground surface in the Lone Tree Federal 1-20-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcrón Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the

*Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Lone Tree Federal 1-20-9-17 EPA Well ID: UT20702-09481*

injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 318 ft. in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,650 ft. in a 7-7/8" hole secured with 725 sacks of cement. Total driller depth is 5,660 ft. Plugged back total depth is 5,606 ft. EPA calculates top of cement at 960 ft. Estimated CBL top of cement is 156 ft.

Perforations: Top perforation: 4,401 ft. Bottom perforation: 5,503 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following three wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Lone Tree Federal 1-20-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

South Pleasant Valley Fed 2-20-9-17 API: 43-013-31737 NWNE Sec. 20-T9S-R17E
The cement bond is adequate and the top of cement is above the base of the Confining Zone.

Beluga 16-17-9-17 API: 43-013-32638 SESE Sec. 17-T9S-R17E
This is an injection well authorized by Permit 20798-08108.

Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Lone Tree Federal 1-20-9-17 EPA Well ID: UT20702-09481

The cement bond is adequate and the Top of Cement is above the base of the Confining Zone.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
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Lone Tree Federal 1-20-9-17

Spud Date: 01/10/06
 Put on Production: 02/14/06
 GL: 5391' KB: 5392'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.53')
 DEPTH LANDED: 318.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5635.611')
 DEPTH LANDED: 5649.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 156'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 167 jts (5432.9')
 TUBING ANCHOR: 5444.93' KB
 NO. OF JOINTS: 1 jts (32.6')
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 5468.3' KB
 NO. OF JOINTS: 1 jts (32.5')
 TOTAL STRING LENGTH: BOT @ 5502' KB

SUCKER RODS

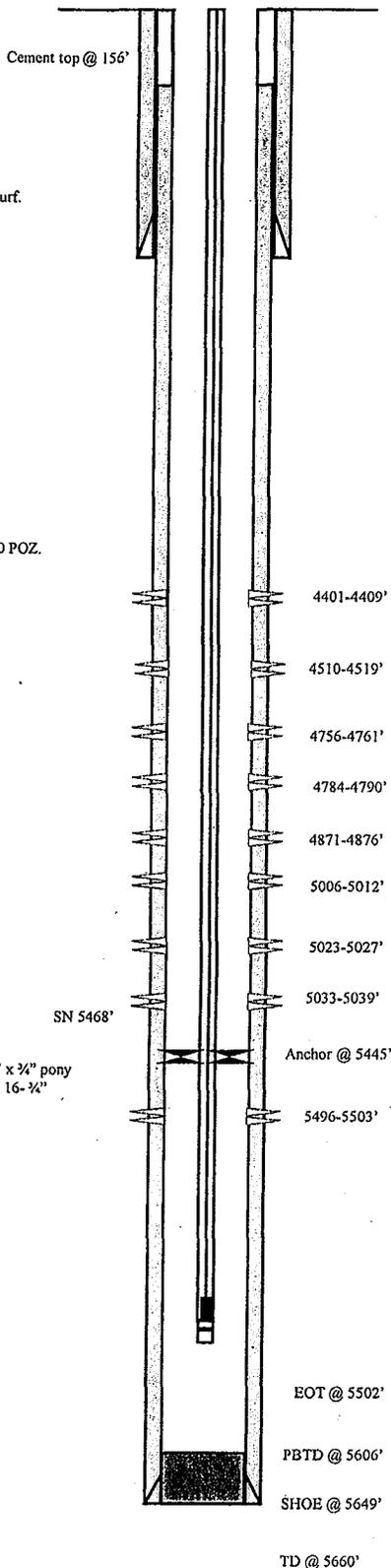
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 99-3/4" guided rods, 97-3/4" sucker rods, 16-3/4" guided rods, 6-1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4

FRAC JOB

| | | |
|-----------|------------|--|
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| 02/08/06 | 5006-5039' | Frac LODC sands as follows: 54668# 20/40 sand in 523 bbls Lightning 17 frac fluid. Treated @ avg press of 2333 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 5037 gal. Actual flush: 4494 gal. |
| 02/08/06 | 4756-4876' | Frac LODC, A1, A3 sands as follows: 49937# 20/40 sand in 484 bbls Lightning 17 frac fluid. Treated @ avg press of 1775 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4874 gal. Actual flush: 4200 gal. |
| 02/08/06 | 4510-4519' | Frac C sands as follows: 20368# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 2015 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 4517 gal. Actual flush: 3990 gal. |
| 02/08/06 | 4401-4409' | Frac D2 sands as follows: 41183# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 14.4 BPM. ISIP 2100 psi. Calc flush: 4407 gal. Actual flush: 4284 gal. |
| 2/22/2010 | | Pump Maintenance. Updated rod and tubing detail. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
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| 02/08/06 | 5033-5039' | 4 JSPF | 24 holes |
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| 02/08/06 | 5006-5012' | 4 JSPF | 24 holes |
| 02/08/06 | 4871-4876' | 4 JSPF | 20 holes |
| 02/08/06 | 4784-4790' | 4 JSPF | 24 holes |
| 02/08/06 | 4756-4761' | 4 JSPF | 20 holes |
| 02/08/06 | 4510-4519' | 4 JSPF | 36 holes |
| 02/08/06 | 4401-4409' | 4 JSPF | 32 holes |



NEWFIELD

Lone Tree Federal 1-20-9-17

554' FNL & 765' FEL

NE/NE Section 20-T9S-R17E

Duchesne Co, Utah

API #43-013-32639; Lease #UTU-75036



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

Ref: 8P-W-GW

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

RE: Underground Injection Control (UIC)
Additional Well to Lone Tree Area Permit
EPA UIC Permit UT20702-09481
Well: Lone Tree Federal 1-20-9-17
NENE Sec. 20 T9S-R17E
Duchesne County, Utah
API No.: 43-013-32639

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

FOR RECORD ONLY

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree Federal 1-20-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit No. UT20702-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

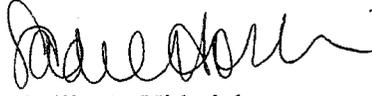
RECEIVED

MAR 08 2012

DIV. OF OIL, GAS & MINING

If you have any questions, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Lone Tree Federal 1-20-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:
Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

ed by batman A
for the BIA
and the BLM
1-20-9-17

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Lone Tree Federal 1-20-9-17

EPA Well ID Number: UT20702-09481

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,865 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.856 psi/ft, SG is 1.015 and D is 4,401 ft.

UIC Area Permit No. UT20702-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 1-20-9-17**
EPA Well ID Number: **UT20702-09481**

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 584 ft. below ground surface in the Lone Tree Federal 1-20-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcrón Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the

*Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Lone Tree Federal 1-20-9-17 EPA Well ID: UT20702-09481*

injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 318 ft. in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,650 ft. in a 7-7/8" hole secured with 725 sacks of cement. Total driller depth is 5,660 ft. Plugged back total depth is 5,606 ft. EPA calculates top of cement at 960 ft. Estimated CBL top of cement is 156 ft.

Perforations: Top perforation: 4,401 ft. Bottom perforation: 5,503 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following three wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Lone Tree Federal 1-20-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

South Pleasant Valley Fed 2-20-9-17 API: 43-013-31737 NWNE Sec. 20-T9S-R17E
The cement bond is adequate and the top of cement is above the base of the Confining Zone.

Beluga 16-17-9-17 API: 43-013-32638 SESE Sec. 17-T9S-R17E
This is an injection well authorized by Permit 20798-08108.

Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Lone Tree Federal 1-20-9-17 EPA Well ID: UT20702-09481

The cement bond is adequate and the Top of Cement is above the base of the Confining Zone.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

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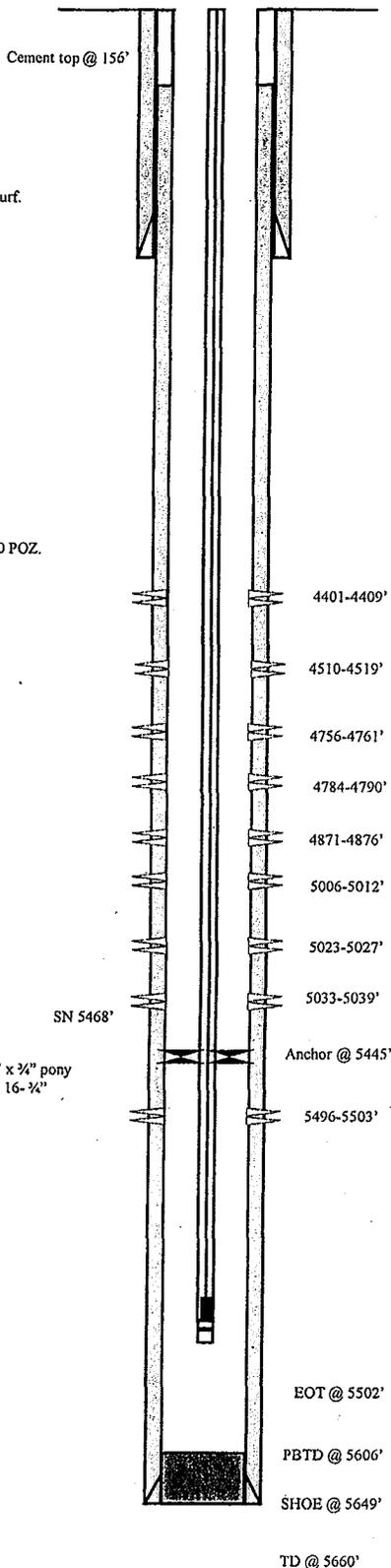
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NEWFIELD

Lone Tree Federal 1-20-9-17

554' FNL & 765' FEL

NE/NE Section 20-T9S-R17E

Duchesne Co, Utah

API #43-013-32639; Lease #UTU-75036

| | | |
|--|--|---|
| 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-75036 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Oil Well | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 8. WELL NAME and NUMBER: LONE TREE FED 1-20-9-17 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 9. API NUMBER: 43013326390000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0554 FNL 0765 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 09.0S Range: 17.0E Meridian: S | | COUNTY: DUCHESNE |
| | | STATE: UTAH |

11.

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/10/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input checked="" type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

The subject well has been converted from a producing oil well to an injection well on 05/04/2012. On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 21, 2012**

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 5/11/2012 | |

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 10 / 2012
 Test conducted by: Cody Marx
 Others present: _____

Ut 20702-09481

| | | |
|--|-----------------------------------|------------------|
| Well Name: <u>Lone Tree Federal 1-20-9-17</u> | Type: ER SWD | Status: AC TA UC |
| Field: <u>Monument Butte</u> | | |
| Location: <u>NE/NE</u> Sec: <u>20</u> T <u>9</u> N/ <u>S</u> R <u>17</u> <u>E</u> /W | County: <u>Duchesne</u> | State: <u>Ut</u> |
| Operator: <u>Cody Marx</u> | | |
| Last MIT: <u>/ /</u> | Maximum Allowable Pressure: _____ | PSIG |

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1520 psig

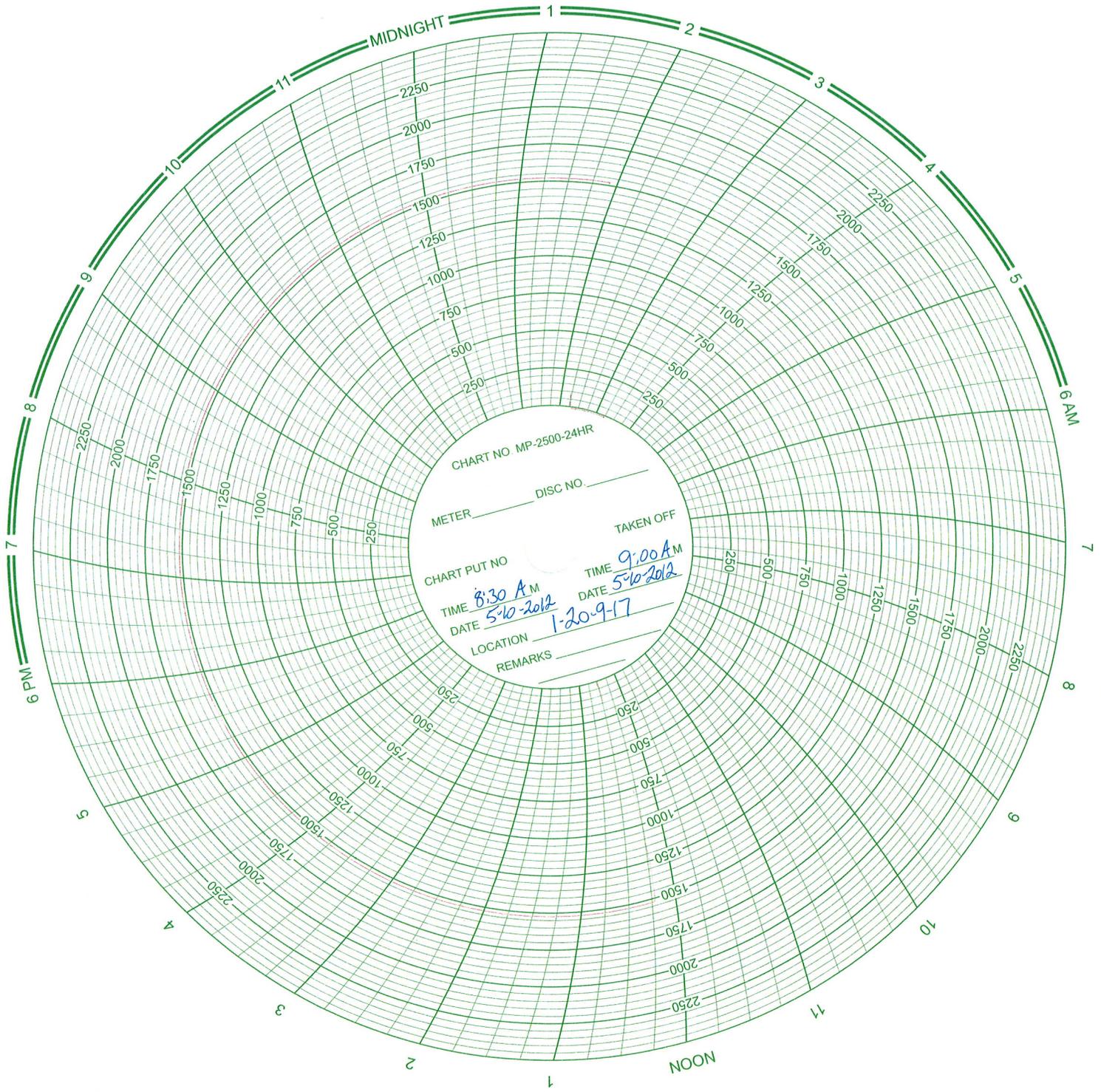
| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|---|--|---|---|
| TUBING PRESSURE | | | |
| Initial Pressure | <u>0</u> psig | psig | psig |
| End of test pressure | <u>0</u> psig | psig | psig |
| CASING / TUBING ANNULUS PRESSURE | | | |
| 0 minutes | <u>1520</u> psig | psig | psig |
| 5 minutes | <u>1520</u> psig | psig | psig |
| 10 minutes | <u>1520</u> psig | psig | psig |
| 15 minutes | <u>1520</u> psig | psig | psig |
| 20 minutes | <u>1520</u> psig | psig | psig |
| 25 minutes | <u>1520</u> psig | psig | psig |
| 30 minutes | <u>1520</u> psig | psig | psig |
| _____ minutes | psig | psig | psig |
| _____ minutes | psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Daily Activity Report**Format For Sundry****LONETREE 1-20-9-17****3/1/2012 To 7/30/2012****5/2/2012 Day: 2****Conversion**

NC #1 on 5/2/2012 - Run Guage Ring To 4500', Perf Zones GB6, GB4, Run Pkr, Plg, Frac String, P/Tst Tools, POOH W/2 Jts Tbg, Ready For Frac, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl,

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L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$22,000

5/3/2012 Day: 3**Conversion**

NC #1 on 5/3/2012 - Set Pkr @3891',R/U BJ Frac Zne GB6,Flow Zne Back,Rel Pkr & Plg,Move Plg & Pkr Reset To Frac Zne GB4,Flow Zne Back,Rel Pkr & Plg,POOH W/- N-80 Frac String Pkr & Plg. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel PKr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel PKr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel PKr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel PKr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$66,718

5/4/2012 Day: 4**Conversion**

NC #1 on 5/4/2012 - OWU RIH W/-Pkr,S/N,Tbg Prod,Flsh Tbg,Drop S/V,P/Tst Tbg To 3000 Psi,Good Tst.N/D pmp Pkr Fluid,Set Pkr,N/U,P/Tst Csg & Pkr, Good Test. R/D Rig. Well Ready For MIT. (Final Rig Report) - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU ,

P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$88,608

5/11/2012 Day: 5

Conversion

Rigless on 5/11/2012 - Conduct initial MIT - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$172,428

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

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS 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-75036 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Oil Well | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 8. WELL NAME and NUMBER: LONE TREE FED 1-20-9-17 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 9. API NUMBER: 43013326390000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0554 FNL 0765 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 09.0S Range: 17.0E Meridian: S | | COUNTY: DUCHESNE |
| | | STATE: UTAH |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/21/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input 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 6:00 PM on
06/21/2012. EPA # UT20702-09481

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 25, 2012**

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 6/22/2012 | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
JUN 13 2012
DIV. OF OIL, GAS & MINING

JUN 05 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20702-09481
Well: Lone Tree Federal 1-20-9-17
NENE Sec. 20-T9S-R17E
Duchesne County, Utah
API No.: 43-013-32639

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) May 11, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20702-09481.

As of the date of this letter, Newfield is authorized to commence injection into the Lone Tree Federal 1-20-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,865 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

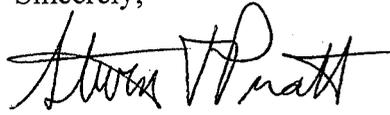
Ms. Sarah Roberts
U.S. EPA Region 8:
MC: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20702-09481.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks, Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company



Printed on Recycled Paper

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
|---|---|---|
| | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-75036 |
| SUNDRY NOTICES AND REPORTS ON WELLS | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 1. TYPE OF WELL Oil Well | | 8. WELL NAME and NUMBER: LONE TREE FED 1-20-9-17 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 9. API NUMBER: 43013326390000 |
| 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: 0554 FNL 0765 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 09.0S Range: 17.0E Meridian: S | | COUNTY: DUCHESNE |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/10/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | |
| | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="New Perforations"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | |
| <p>The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: GB6 3914-3915' 3 JSPF 3 holes GB6 3919-3921' 3 JSPF 6 holes GB4 3851-3852' 3 JSPF 3 holes GB4 3868-3870' 3 JSPF 6 holes</p> | | |
| <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 06, 2013</p> | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | | DATE 5/6/2013 |

Lone Tree Federal 1-20-9-17

Spud Date:01/10/06
 Put on Production: 02/14/06
 GL: 5391' KB: 5392'

Injection Wellbore Diagram

SURFACE CASING

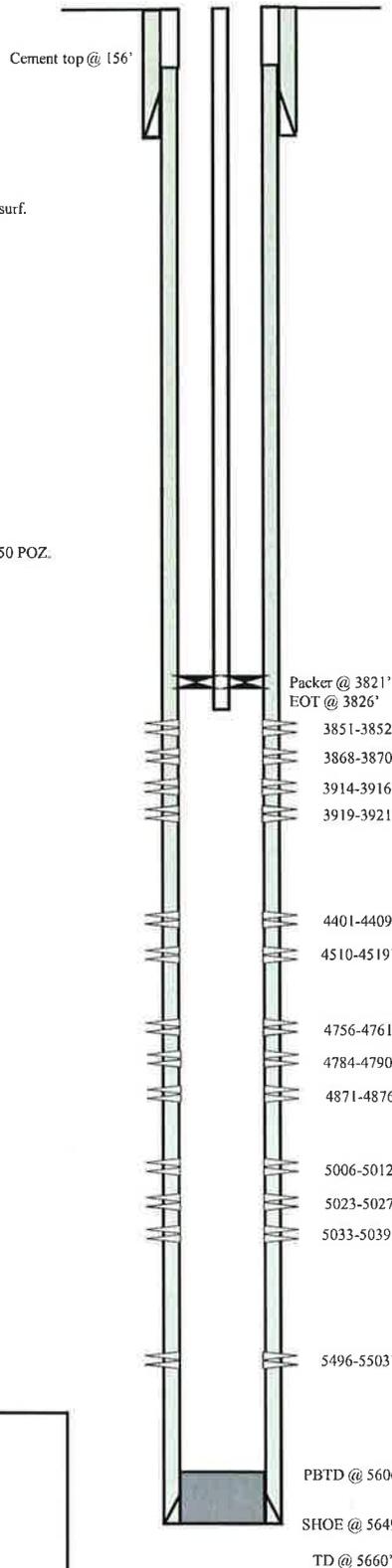
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.53')
 DEPTH LANDED: 318.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5635.611')
 DEPTH LANDED: 5649.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 117 jts (3805.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3817.0' KB
 CE @ 3821.44'
 TOTAL STRING LENGTH: EOT @ 3826' KB



FRAC JOB

02/08/06 5496-5503' **Frac CP5 sands as follows:**
 25062# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2108 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5501 gal. Actual flush: 4914 gal.

02/08/06 5006-5039' **Frac LODC sands as follows:**
 54668# 20/40 sand in 523 bbls Lightning 17 frac fluid. Treated @ avg press of 2333 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 5037 gal. Actual flush: 4494 gal.

02/08/06 4756-4876' **Frac LODC, A1, A3 sands as follows:**
 49937# 20/40 sand in 484 bbls Lightning 17 frac fluid. Treated @ avg press of 1775 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4874 gal. Actual flush: 4200 gal.

02/08/06 4510-4519' **Frac C sands as follows:**
 20368# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 2015 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 4517 gal. Actual flush: 3990 gal.

02/08/06 4401-4409' **Frac D2 sands as follows:**
 41183# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 14.4 BPM. ISIP 2100 psi. Calc flush: 4407 gal. Actual flush: 4284 gal.

2/22/2010 **Pump Maintenance.** Updated rod and tubing detail.

05/03/12 3914-3921' **Frac GB6 sands as follows:**
 23076# 20/40 sand in 317bbls Lightning 17 frac fluid.

05/03/12 3851-3870' **Frac GB4 sands as follows:**
 17424# 20/40 sand in 287bbls Lightning 17 frac fluid.

05/04/12 **Convert to Injection Well**

05/10/12 **Conversion MIT Finalized** - update tbgt detail

PERFORATION RECORD

| Date | Interval | Tool | Holes |
|----------|------------|--------|----------|
| 02/02/06 | 5496-5503' | 4 JSPF | 28 holes |
| 02/08/06 | 5033-5039' | 4 JSPF | 24 holes |
| 02/08/06 | 5023-5027' | 4 JSPF | 16 holes |
| 02/08/06 | 5006-5012' | 4 JSPF | 24 holes |
| 02/08/06 | 4871-4876' | 4 JSPF | 20 holes |
| 02/08/06 | 4784-4790' | 4 JSPF | 24 holes |
| 02/08/06 | 4756-4761' | 4 JSPF | 20 holes |
| 02/08/06 | 4510-4519' | 4 JSPF | 36 holes |
| 02/08/06 | 4401-4409' | 4 JSPF | 32 holes |
| 05/03/12 | 3914-3915' | 3 JSPF | 3 holes |
| 05/03/12 | 3919-3921' | 3 JSPF | 6 holes |
| 05/03/12 | 3851-3852' | 3 JSPF | 3 holes |
| 05/03/12 | 3868-3870' | 3 JSPF | 6 holes |



Lone Tree Federal 1-20-9-17
 554' FNL & 765' FEL
 NE/NE Section 20-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32639; Lease #UTU-75036

Daily Activity Report**Format For Sundry****LONETREE 1-20-9-17****3/1/2012 To 7/30/2012****5/2/2012 Day: 2****Conversion**

NC #1 on 5/2/2012 - Run Guage Ring To 4500', Perf Zones GB6, GB4, Run Pkr, Plg, Frac String, P/Tst Tools, POOH W/2 Jts Tbg, Ready For Frac, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM

C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 30 BW D/Csg, R/U Perforators Wireline Run Guage Ring To 4500' Taged Oil @ 2830', H/Oiler pmped 90 BW D/Csg On TIH W/-Wireline Due To Oil. Wireline RIH Perf Zones GB6 @ 3914'3915'-3919'-3921', GB4 @ 3851'-3852'-3868'-3870' W/-3 SPF. POOH & R/D Wireline. P/U & RIH W/-5 1/2 TS Plg, Ret H/D, 2 3/8X4' N-80 Tbg Sub, 5 1/2 HD Pkr, S/N, 125 Jts Tbg, Set Plg For Frac @ 3941', POOH W/-1 Jt Tbg, Set Pkr @ 3924', R/U H/Oiler, Fill Tbg W/-4 BW P/Test Tools To 4,000 Psi, Good Test. Rel Pkr, POOH W/-2 Jts Tbg, EOT @ 3905', SWI, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, R/D Unit, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-12 BW, P/Test Tbg To 3500 Psi, Good Test. Unseat

pmp, POOH & L/D Rod Prod String & pmp. Flushed Tbg W/-30 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A RIH W/-Tbg To Depth Of 5512', POOH W/-121 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 46 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, N/C. Flushed Tbg W/-20 BW On TOOH Due To Oil. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$22,000

5/3/2012 Day: 3**Conversion**

NC #1 on 5/3/2012 - Set Pkr @3891',R/U BJ Frac Zne GB6,Flow Zne Back,Rel Pkr & Plg,Move Plg & Pkr Reset To Frac Zne GB4,Flow Zne Back,Rel Pkr & Plg,POOH W/- N-80 Frac String Pkr & Plg. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel Pkr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel Pkr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel Pkr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , Set Pkr For Frac @ 3891', R/U R/pmp Fill Csg W/-11 BW. R/U BJ To Frac Zone GB6, R/D BJ Aftr Frac, OWU Flowed 109 BW, Rel Pkr, Curc Well Cln, RIH To Plg, Curc Well Cln, Rel Plg, POOH W/-4 Jts Tbg, Reset Plg @ 3891', POOH W/-1 Jt Tbg, Reset Pkr @ 3804', R/U BJ To Frac Zone GB4, R/D BJ Aftr Frac, OWU Flowed 102 BW, R/U R/pmp, Rel Pkr,Cuec Well Cln, RIH To Plg Curc Well Cln, Rel Plg, POOH L/D N-80 Frac String, Plg & Pkr. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$66,718

5/4/2012 Day: 4**Conversion**

NC #1 on 5/4/2012 - OWU RIH W/-Pkr,S/N,Tbg Prod,Flsh Tbg,Drop S/V,P/Tst Tbg To 3000 Psi,Good Tst.N/D pmp Pkr Fluid,Set Pkr,N/U,P/Tst Csg & Pkr, Good Test. R/D Rig. Well Ready For MIT. (Final Rig Report) - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU ,

P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 7/8 S/N,117 Jts 2 7/8 Tbg, R/U R/pmp, Flush Tbg W/-22 BW, Drop SV D/Tbg, pmp SV To S/N, R/U BMW H/Oiler P/Test Tbg To 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 60 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/HD, Set Pkr In 18,000 Tension, N/U W/HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, 4:00PM C/SDFN, 4:00PM-4:30PM C/Trvl .Well Ready ForMIT. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$88,608

5/11/2012 Day: 5**Conversion**

Rigless on 5/11/2012 - Conduct initial MIT - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 - On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/10/2012 the casing was pressured up to 1520 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 an EPA representative available to witness the test. EPA# UT20702-09481 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$172,428

Pertinent Files: Go to File List