

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-13905
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 13-22-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33310
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 723' FSL 556' FWL 585403X 40.011359 At proposed prod. zone 4429287Y -109.999363		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 17.3 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 22, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 723' f/ise, 723' f/unit	16. No. of Acres in lease 1200.00	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. Approx. 1325'	19. Proposed Depth 5600'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5303' GL	22. Approximate date work will start* 1st Quarter 2007	23. Estimated duration Approximately seven (?) 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 	Name (Printed/Typed) Mandie Crozier	Date 9/7/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 09-19-06
Title ENVIRONMENTAL MANAGER		

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

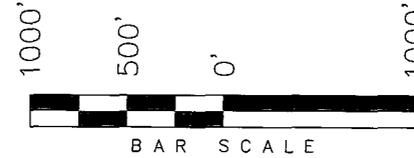
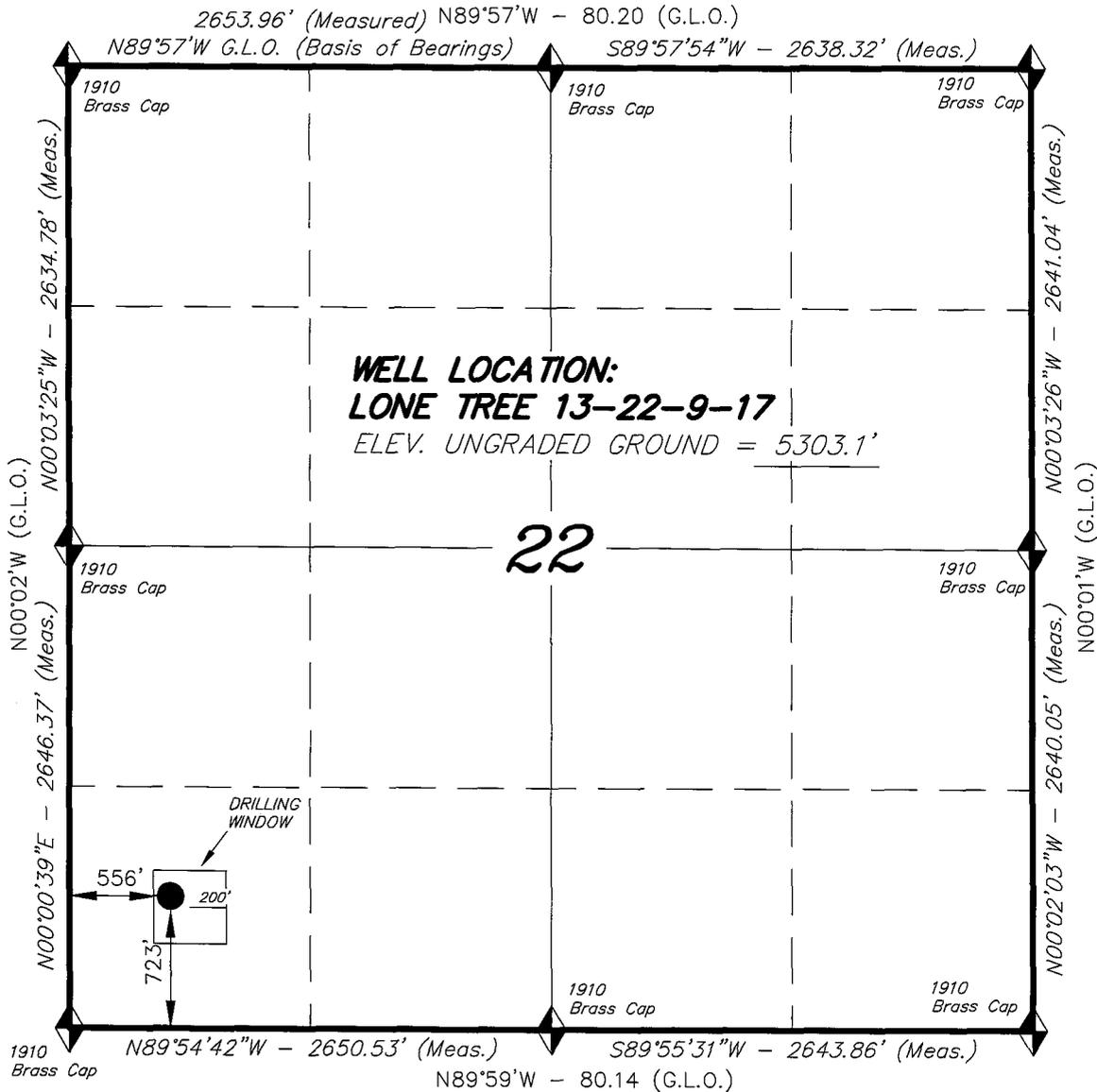
SEP 08 2006

DIV. OF OIL, GAS & MINING

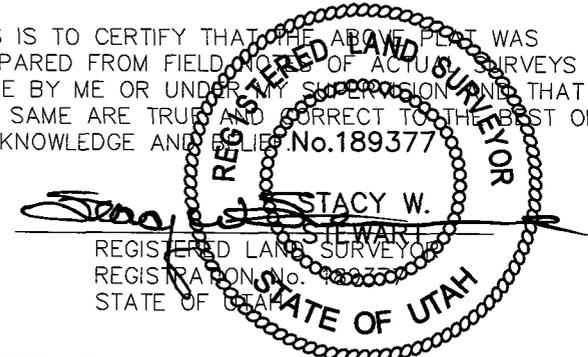
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, LONE TREE 13-22-9-17,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 22, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

LONE TREE 13-22-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 40.31"
 LONGITUDE = 110° 00' 00.77"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 06-21-06	SURVEYED BY: C.M.
DATE DRAWN: 6-23-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #13-22-9-17
SW/SW SECTION 22, 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' – 1710'
Green River	1710'
Wasatch	5600'

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

Green River Formation 1710' – 5600' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #13-22-9-17
SW/SW SECTION 22, 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 Newfield Production Company well location site Lone Tree Federal #13-22-9-17 located in the SW 1/4 SW 1/4 Section 22, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles \pm to it's junction with an existing road to the south; proceed southeasterly - 2.6 miles \pm to it's junction with the beginning of an existing two track road to be up-graded; proceed southeasterly - 1610' \pm to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 1080' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
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 (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05. Paleontological Resource Survey prepared by, Wade E. Miller, 6/29/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #13-22-9-17 Newfield Production Company requests a 470' ROW be granted in Lease UTU-79015, a 400' ROW be granted in Lease UTU-65320, and 1820' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 470' ROW in Lease UTU-79015, a 400' ROW be granted in Lease UTU-65320, and 1820' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 470' ROW in Lease UTU-79015, a 400' ROW be granted in Lease UTU-65320, and 1820' of disturbed area be granted in Lease UTU-13905 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 buried 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 Newfield's secondary recovery project.

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

Threatened, Endangered, And Other Sensitive Species

None for the proposed Lone Tree Federal 13-22-9-17.

Reserve Pit Liner

A 12 mil liner with felt is required. 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)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal #13-22-9-17 was on-sited on 7/27/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-22-9-17 SW/SW Section 22, Township 9S, Range 17E: Lease UTU-13905 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 US Specialty Insurance #B001832.

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

9/7/06

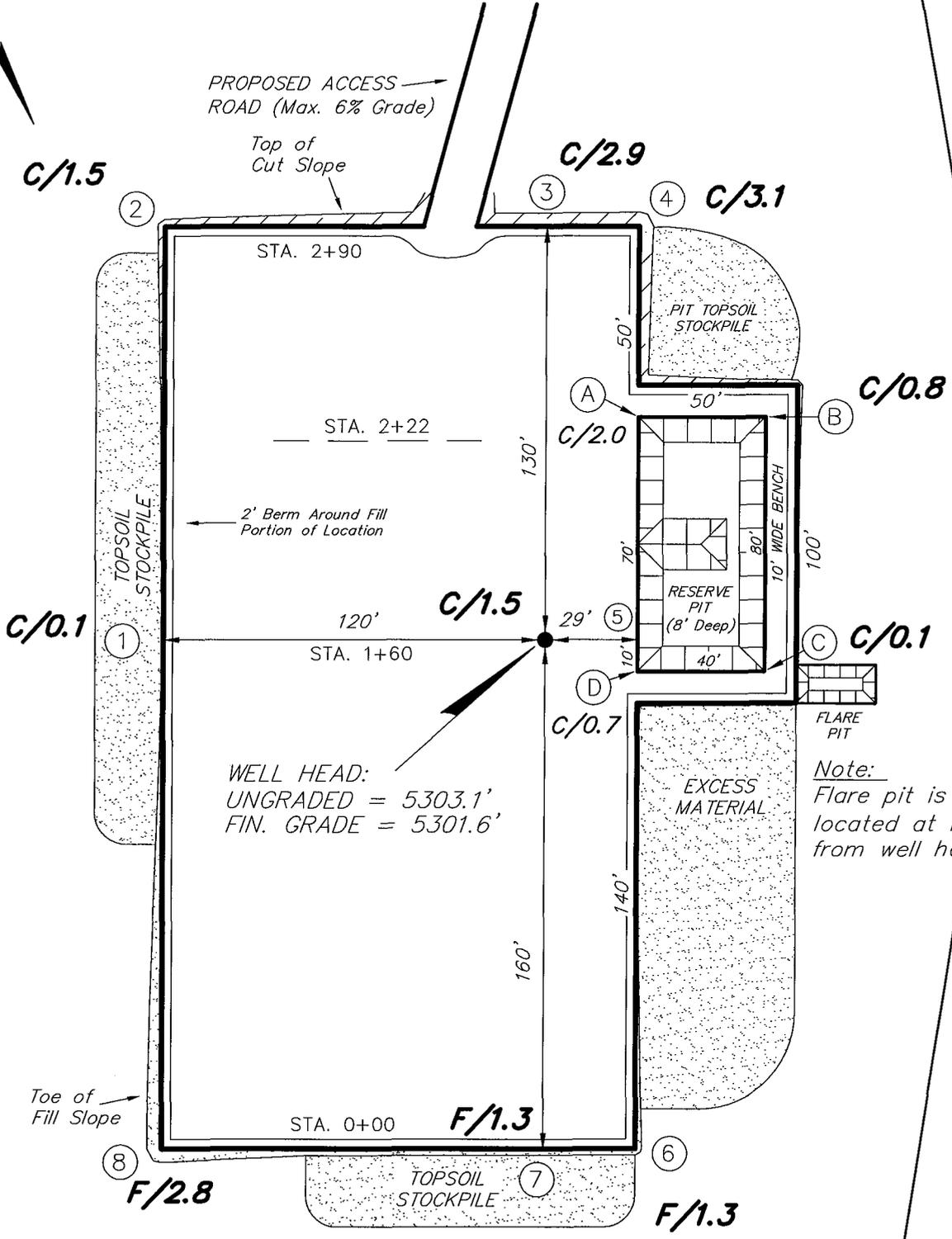
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

LONE TREE 13-22-9-17

Section 22, T9S, R17E, S.L.B.&M.



Proposed Road Access for 11-22-9-17 Well Pad

Note:
Flare pit is to be located at least 80' from well head.

REFERENCE POINTS

- 170' SOUTHEASTERLY = 5297.6'
- 210' NORTHEASTERLY = 5299.7'
- 260' NORTHEASTERLY = 5299.9'

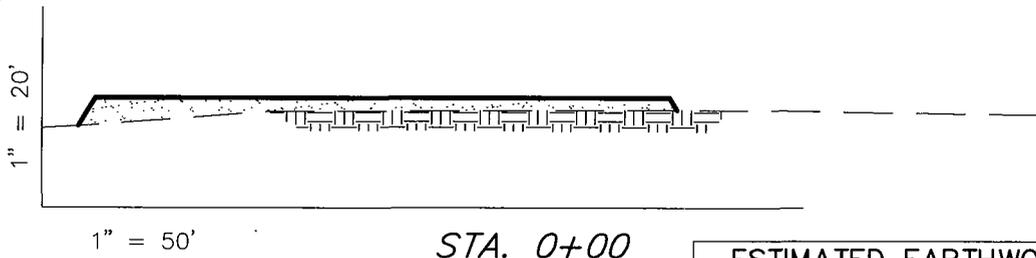
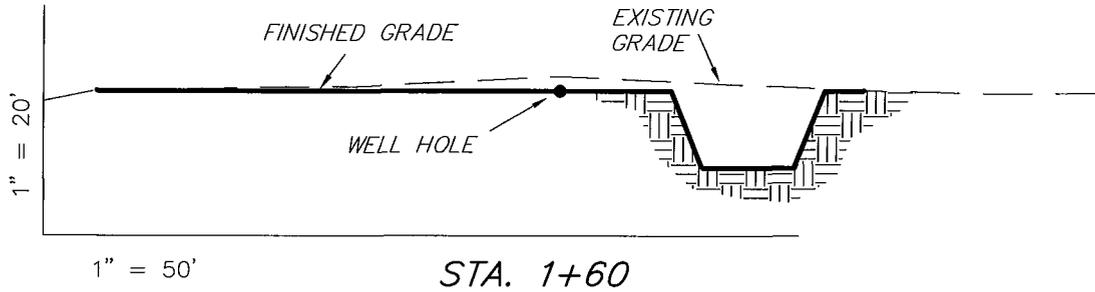
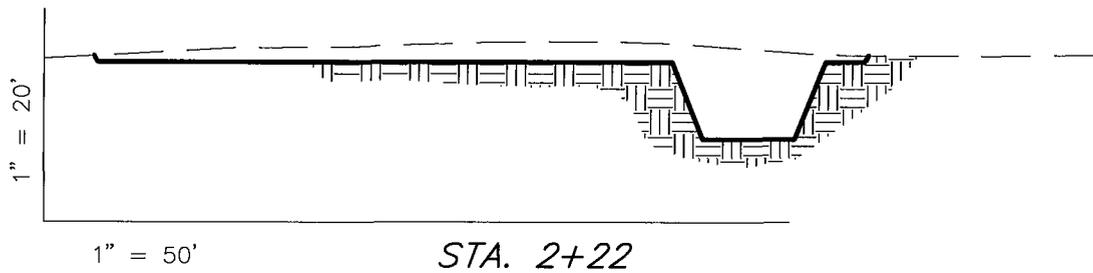
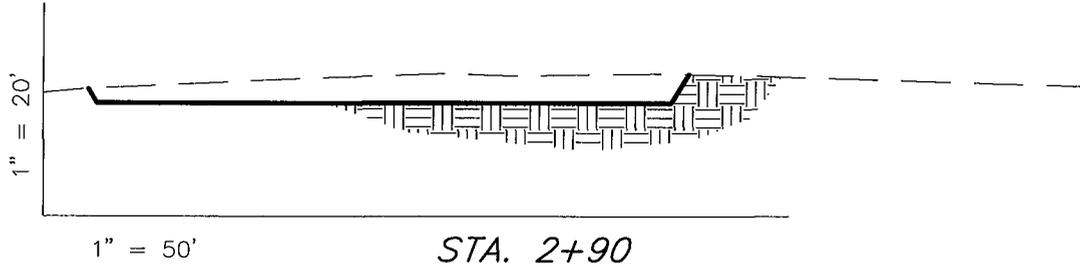
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 06-23-06

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE 13-22-9-17



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	960	960	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,600	960	940	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-23-06

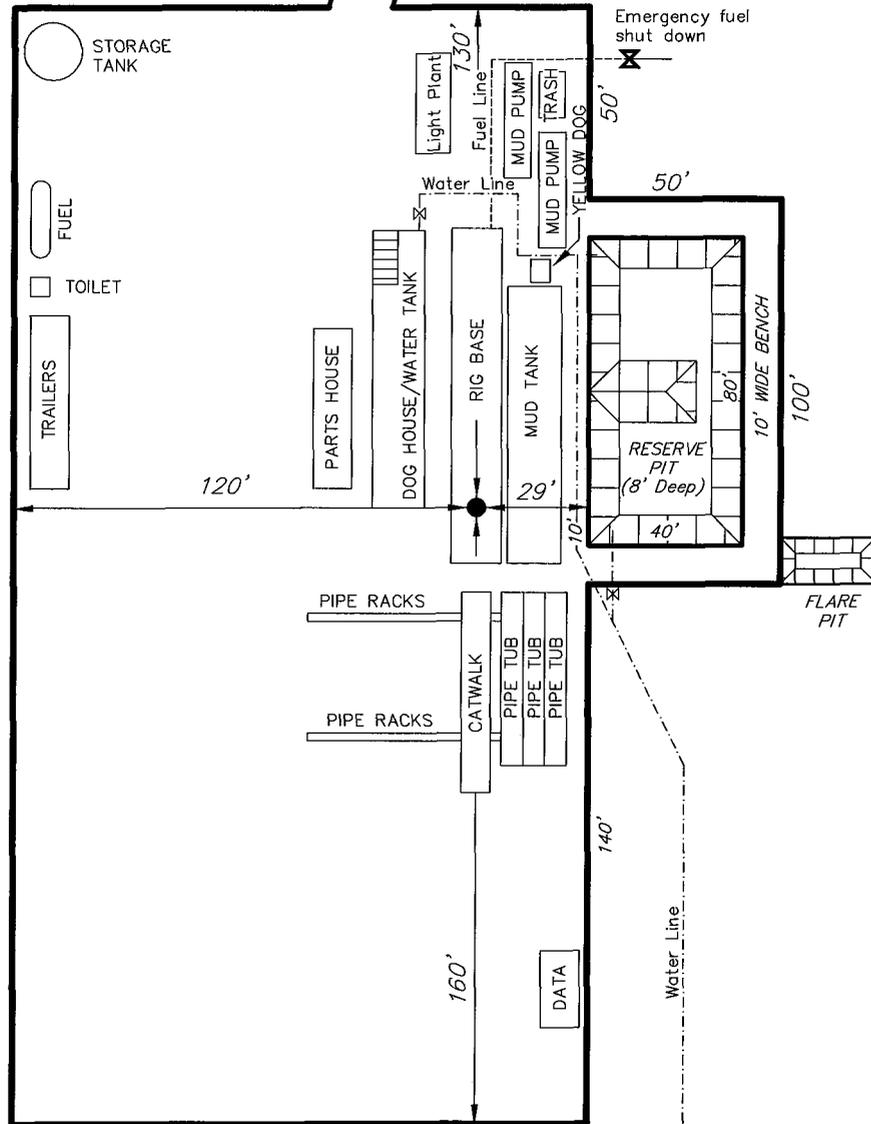
Tri State
Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE 13-22-9-17

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-23-06

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

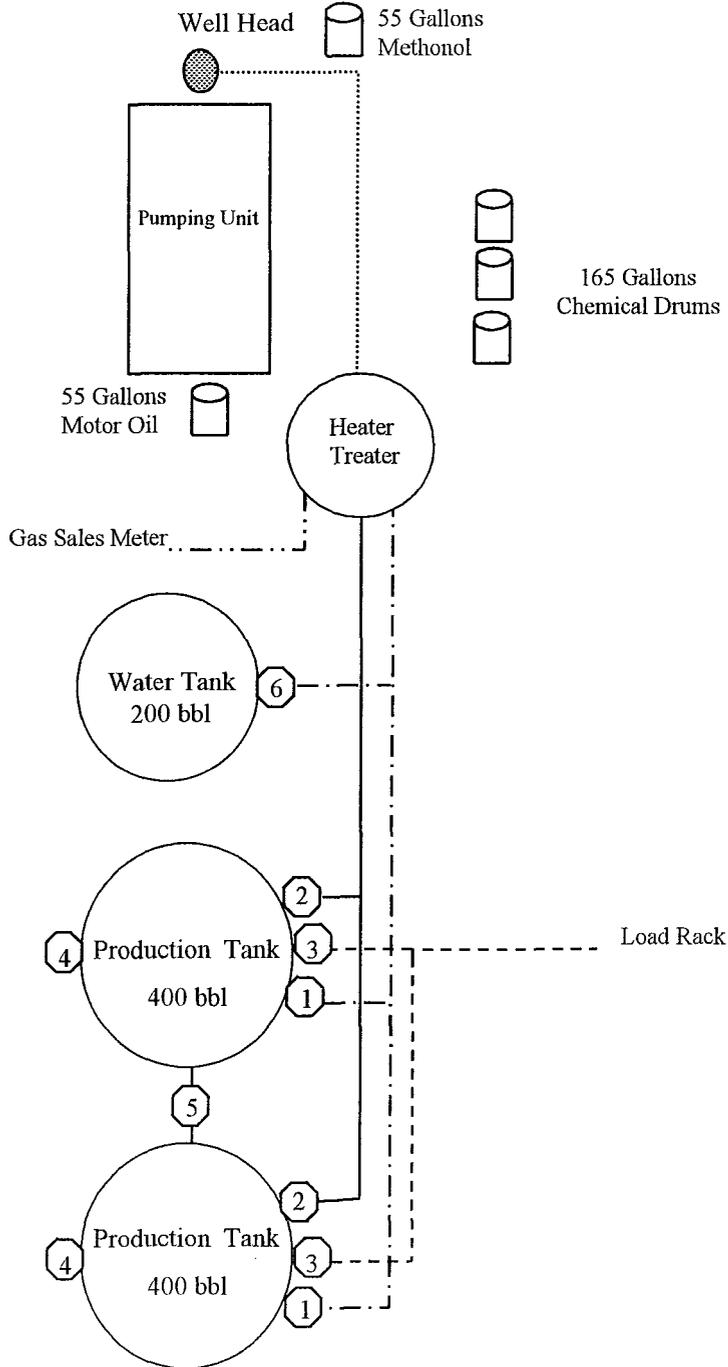
Newfield Production Company Proposed Site Facility Diagram

Lone Tree Federal 13-22-9-17

SW/SW Sec. 22, T9S, R17E

Duchesne County, Utah

UTU-13905



Legend

Emulsion Line
Load Rack	-----
Water Line	-.-.-.-.
Gas Sales
Oil Line	—————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

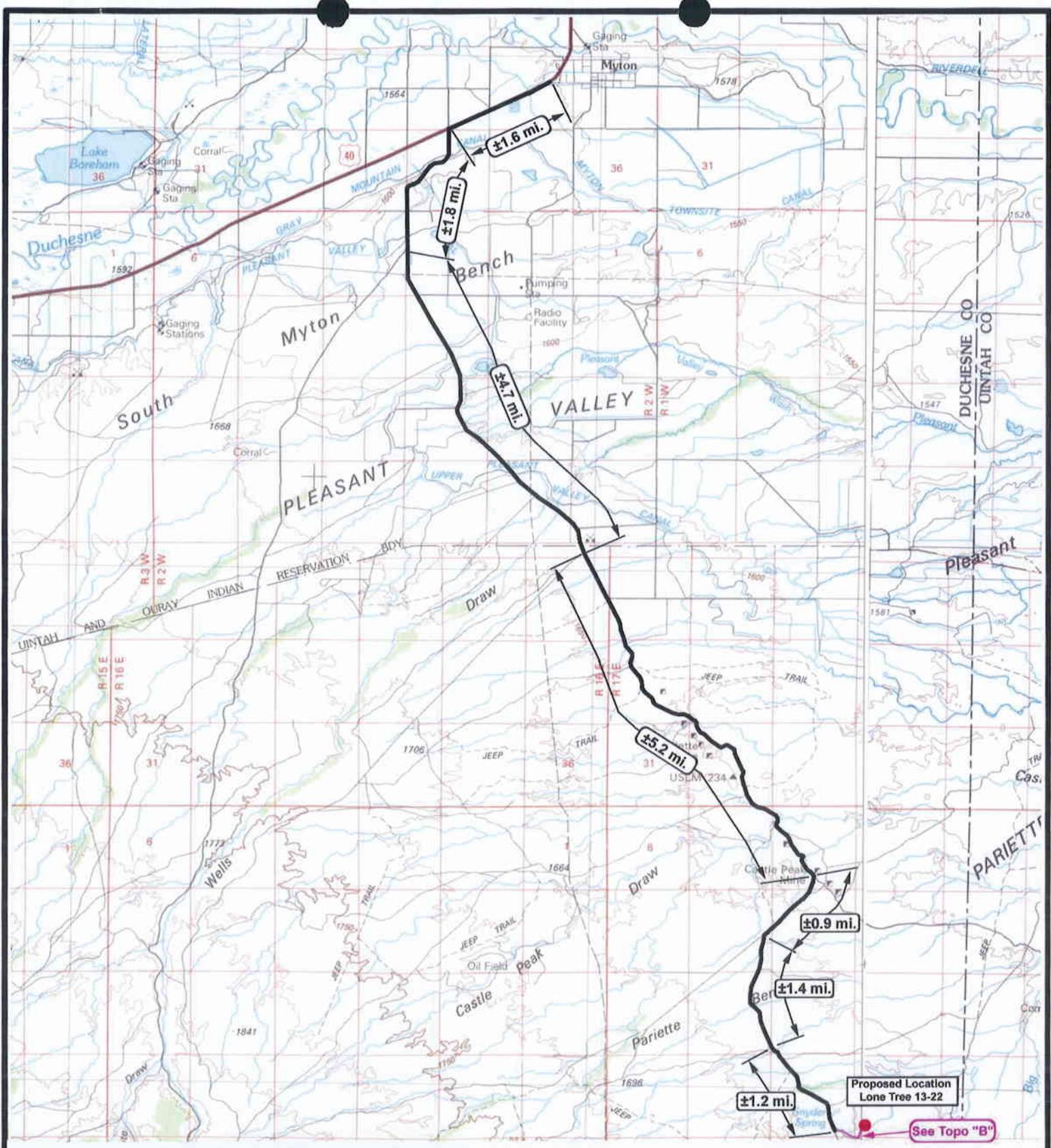
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





See Topo "B"

NEWFIELD
Exploration Company

Lone Tree 13-22-9-17
SEC. 22, T9S, R17E, S.L.B.&M.



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(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

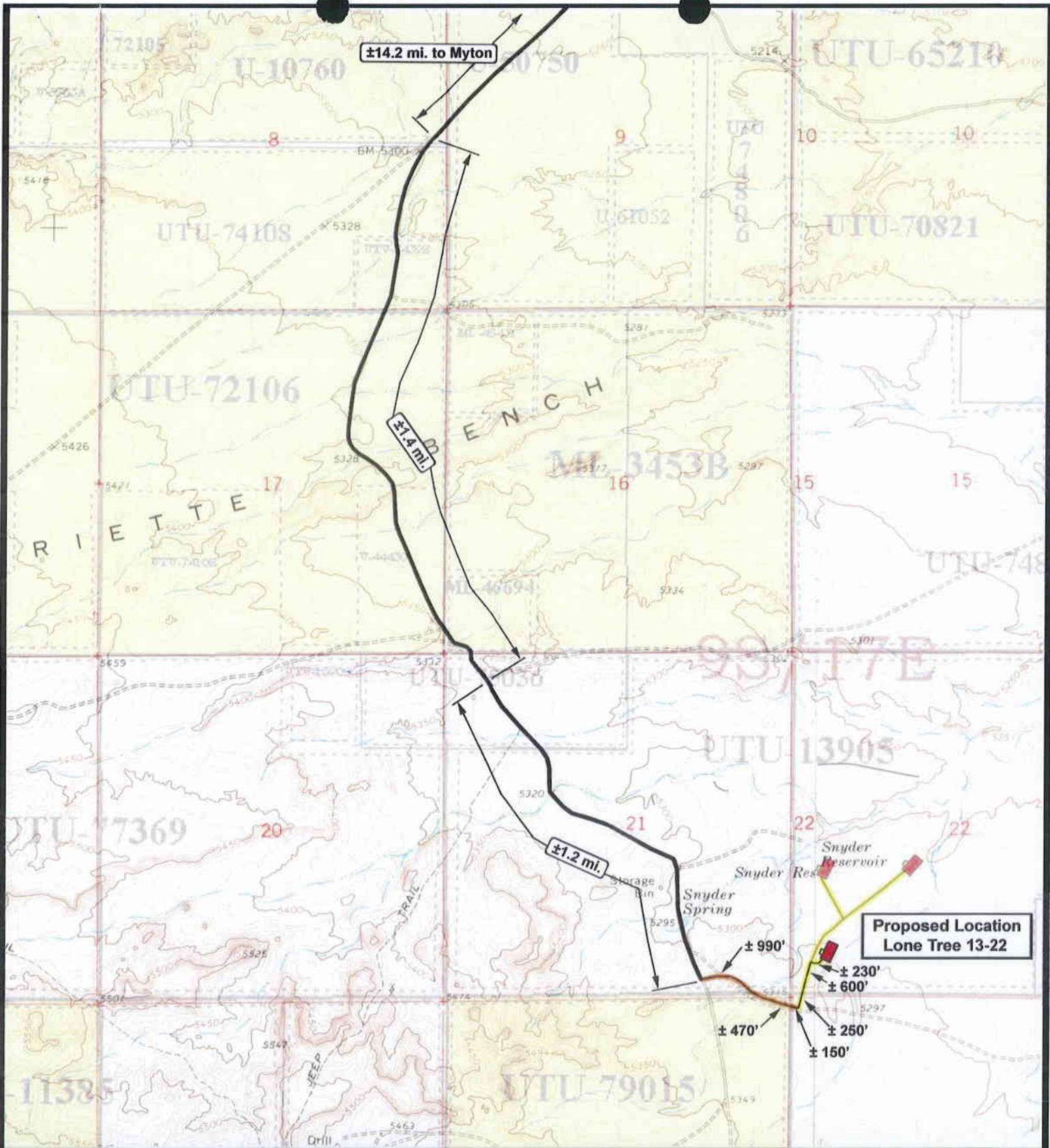
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 06-23-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Lone Tree 13-22-9-17
SEC. 22, T9S, R17E, S.L.B.&M.

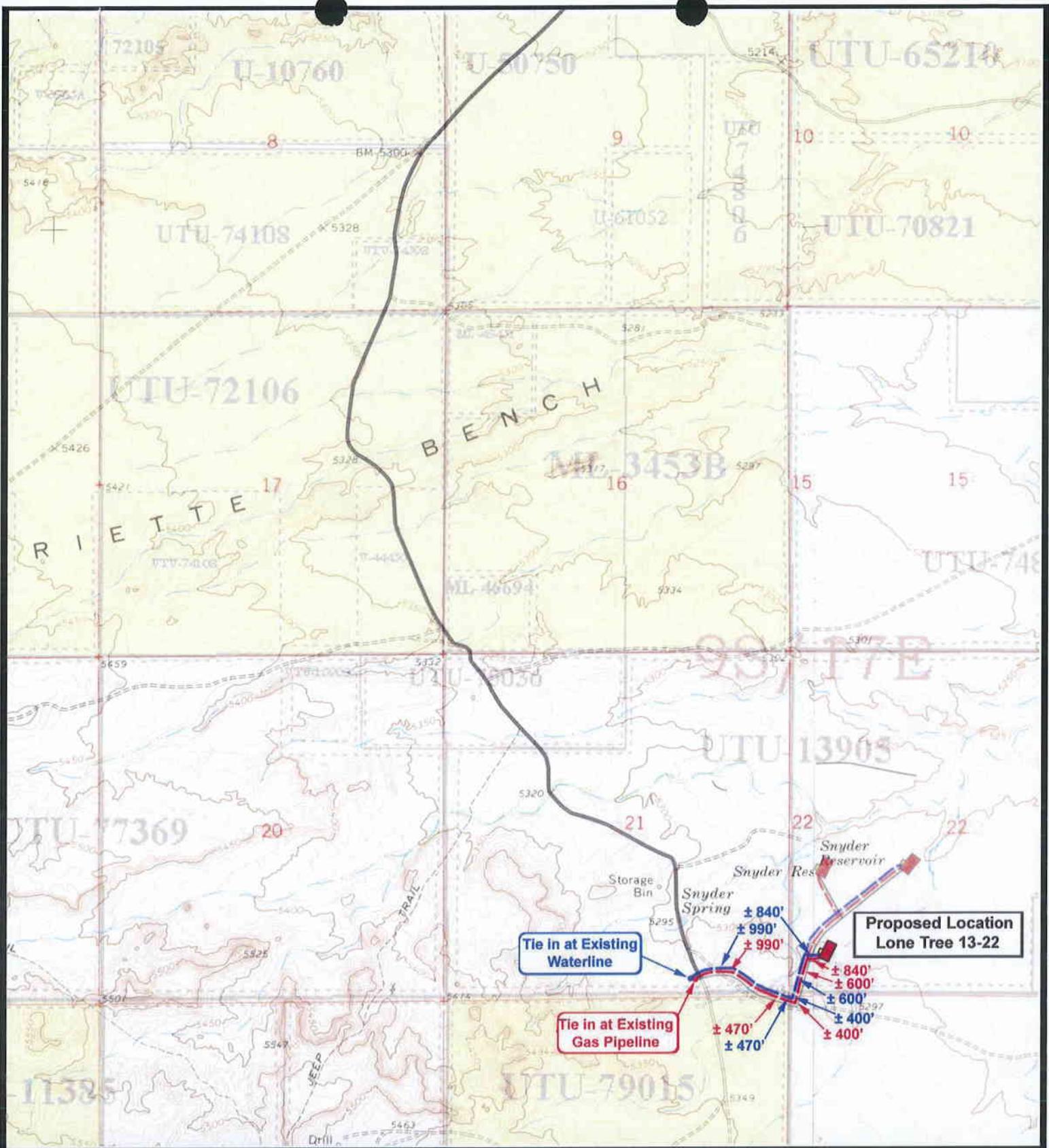


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 06-23-2006

Legend	
	Existing Road
	Proposed Access
	Existing Two-Track

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Lone Tree 13-22-9-17
SEC. 22, T9S, R17E, S.L.B.&M.



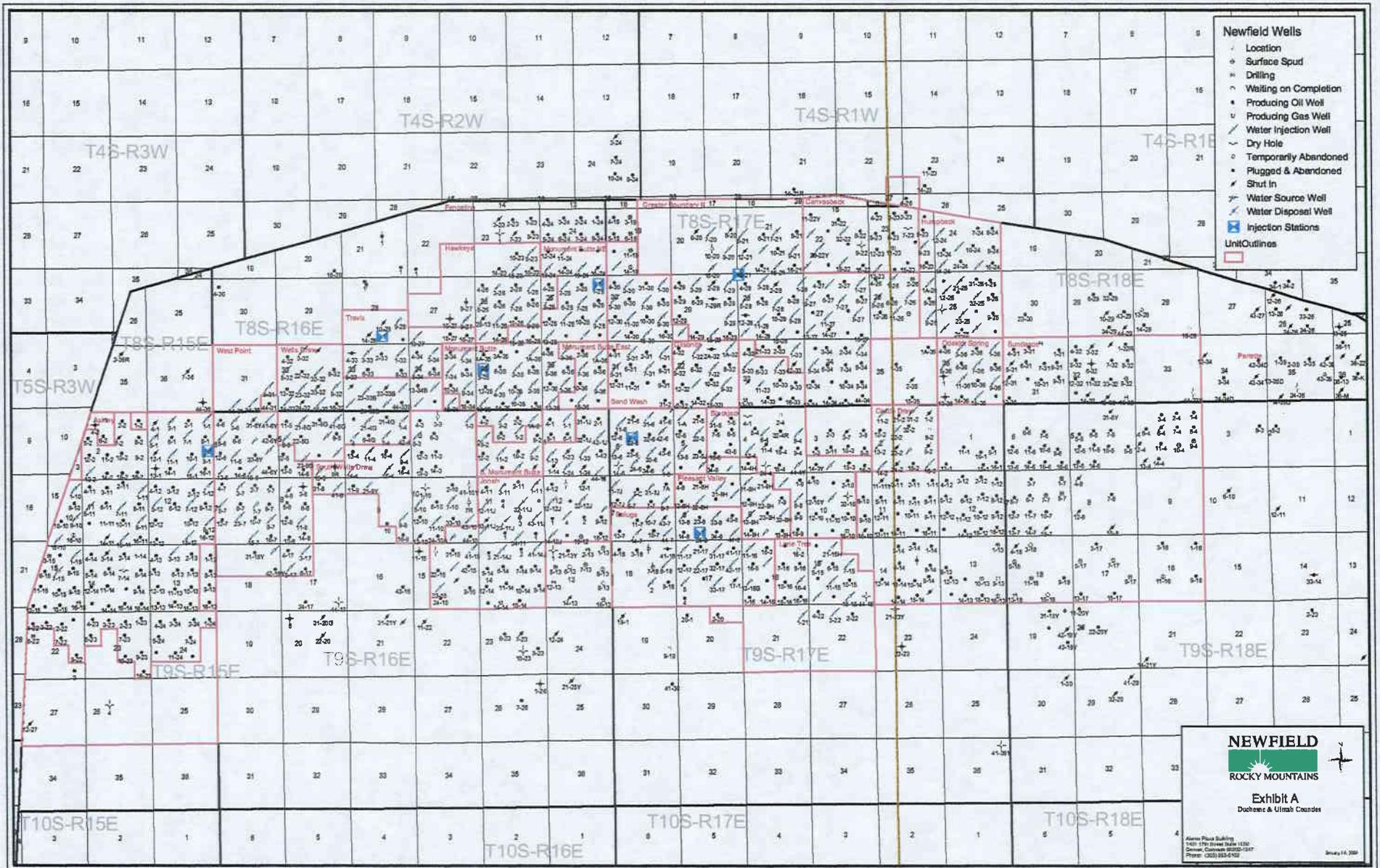
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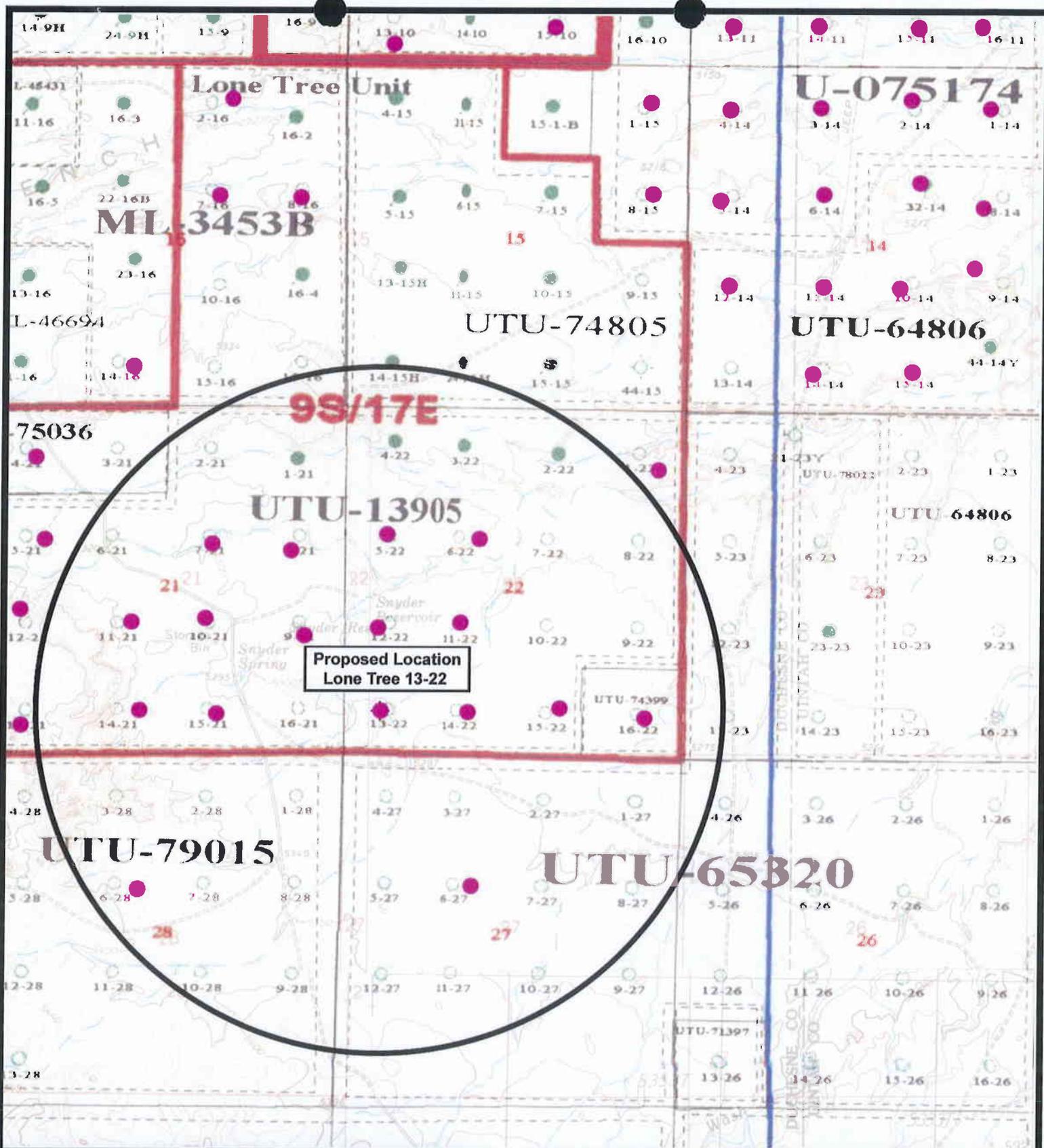
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 06-23-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





Proposed Location
Lone Tree 13-22



NEWFIELD
Exploration Company

Lone Tree 13-22-9-17
SEC. 22, T9S, R17E, S.L.B.&M.




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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 06-23-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

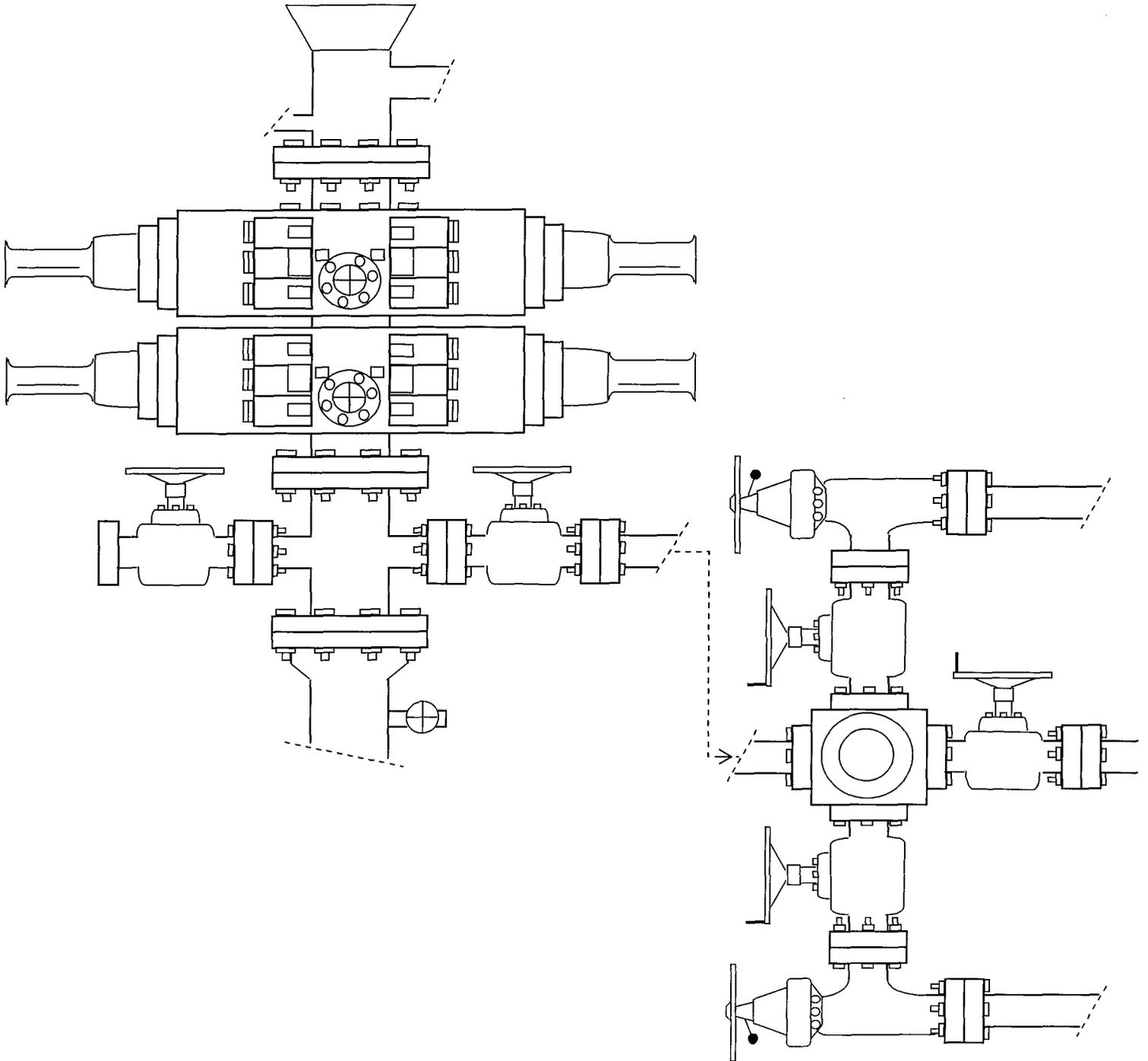


EXHIBIT C

Exhibit "D"

1 of 2

**CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCELS
IN T9S, R17E, SEC. 19, 20, 21 & 22
DUCHESNE COUNTY, UTAH**

Katie Simon

Prepared For:

**Bureau of Land Management
Vernal Field Office**

Prepared Under Contract With:

**Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052**

Prepared By:

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

MOAC Report No. 04-206

June 15, 2005

**United States Department of Interior (FLPMA)
Permit No. 05-UT-60122**

**State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0516b**

2 f 2

NEWFIELD PRODUCTION COMPANY

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

Section 22, T 9 S, R 17 E [entire section excluding the NW 1/4, NE 1/4;
NE 1/4 and NW 1/4, NW 1/4]; NE 1/4, Section 9, T 9 S, R 16 E;
NE 1/4, NE 1/4, Section 10, T 9 S, R 17 E

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 29, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2006

API NO. ASSIGNED: 43-013-33310

WELL NAME: LONE TREE FED 13-22-9-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 22 090S 170E
 SURFACE: 0723 FSL 0556 FWL
 BOTTOM: 0723 FSL 0556 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01136 LONGITUDE: -109.9994
 UTM SURF EASTINGS: 585403 NORTHINGS: 4429287
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-13905
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- 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)
- Intent to Commingle (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: 2285
Eff Date: 8-26-98
Siting: Suspends General Siting
- ___ R649-3-11. Directional Drill

COMMENTS: Sup. Separati file

STIPULATIONS: 1- fee file (Approved)

FEDERAL
14-15H Δ

NGC 24-15H
FED •

S PLEASANT Δ
VALLEY 15-15-9-17

NGC
44-15-H
◇

T9S R17E

S PLEASANT
VALLEY FED 4-22

S PLEASANT Δ
VALLEY FED 3-22-9-17

S PLEASANT
VALLEY FED
2-22-9-17 •

LONE TREE
FED 1-22-9-17
⊙

LONE TREE
FED 5-22-9-17
⊙

LONE TREE
FED 6-22-9-17
⊙

LONE TREE
FED 7-22-9-17
⊙

LONE TREE
FED 8-22-9-17
⊙

LONE TREE
FED 12-22-9-17
⊙

NGC FEDERAL
23-22-H ⊙
LONE TREE
FED 11-22-9-17

LONE TREE
FED 10-22-9-17
⊙

LONE TREE
FED 9-22-9-17
⊙

LONE TREE
FED 13-22-9-17
⊙

LONE TREE
FED 14-22-9-17
⊙

LONE TREE
FED 15-22-9-17
⊙

LONE TREE
FED 16-22-9-17
⊙

22

MONUMENT BUTTE FIELD LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-5 / 8-26-1998

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

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

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 15-SEPTEMBER-2006

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)

September 19, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 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 2006 within the Lone Tree Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33301	Lone Tree Fed 01-22-9-17	Sec 22 T09S R17E 0917 FNL 0436 FEL
43-013-33302	Lone Tree Fed 05-22-9-17	Sec 22 T09S R17E 1812 FNL 0705 FWL
43-013-33303	Lone Tree Fed 06-22-9-17	Sec 22 T09S R17E 1849 FNL 2078 FWL
43-013-33304	Lone Tree Fed 07-22-9-17	Sec 22 T09S R17E 2087 FNL 1813 FEL
43-013-33305	Lone Tree Fed 08-22-9-17	Sec 22 T09S R17E 1913 FNL 0789 FEL
43-013-33306	Lone Tree Fed 09-22-9-17	Sec 22 T09S R17E 1980 FSL 0660 FEL
43-013-33307	Lone Tree Fed 10-22-9-17	Sec 22 T09S R17E 1980 FSL 1980 FEL
43-013-33308	Lone Tree Fed 11-22-9-17	Sec 22 T09S R17E 2055 FSL 1813 FWL
43-013-33309	Lone Tree Fed 12-22-9-17	Sec 22 T09S R17E 1979 FSL 0487 FWL
43-013-33310	Lone Tree Fed 13-22-9-17	Sec 22 T09S R17E 0723 FSL 0556 FWL
43-013-33311	Lone Tree Fed 14-22-9-17	Sec 22 T09S R17E 0626 FSL 1982 FWL
43-013-33312	Lone Tree Fed 15-22-9-17	Sec 22 T09S R17E 0766 FSL 1982 FEL
43-013-33313	Lone Tree Fed 16-22-9-17	Sec 22 T09S R17E 0627 FSL 0764 FEL

Our records indicate the Lone Tree Fed 01-22-9-17 is closer than 460 feet from the Lone Tree Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 19, 2006

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

Re: Lone Tree Federal 13-22-9-17 Well, 723' FSL, 556' FWL, SW SW, Sec. 22,
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 43-013-33310.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Lone Tree Federal 13-22-9-17

API Number: 43-013-33310

Lease: UTU-13905

Location: SW SW Sec. 22 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.

SEP - 8 2006

BLM VERNAL, UTAH

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-13905
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 13-22-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33310
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 723' FSL 556' FWL 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 17.3 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 22, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 723' f/lse, 723' f/unit	16. No. of Acres in lease 1200.00	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. Approx. 1325'	19. Proposed Depth 5600'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5303' GL	22. Approximate date work will start* 1st Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/7/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kenczka	Date 4-19-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD 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

APR 27 2007

DIV. OF OIL, GAS & MINING

UDOGM

07CXSO10BA

No NOS



**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 Company
Well No: Lone Tree Federal 13-22-9-17
API No: 43-013-33310

Location: SWSW, Sec. 22, T9S, R17E
Lease No: UTU-13905
Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

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. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	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)

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Stipulations and Notices

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Wildlife stipulations:
There is a newly discovered Ferruginous hawk nest in a tree (Lone Tree) 0.5 miles south of the location, but is not in line-of-site. **With this occurrence there will be a time restriction to protect Ferruginous hawk nesting from March 1 – July 15.**

Lease Notices from Resource Management Plan:

The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

1. The proposed area contains poor Mountain Plover habitat due to dense vegetation and many rolling hills.
2. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist should be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Conditions of Approval

- **ROW (Right of Way):**
Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction. The estimated time required for construction will be 15 days.
Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. The gas pipelines will be a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. The estimated time required for construction will be 15 days.
Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for

operations. Buried water pipelines will be 3" steel water injection line and a 3" poly water return line. The estimated time required for construction will be 15 days.

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested Wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	1 lbs/acre

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall 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 shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall 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.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall 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.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- 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.
- In accordance with 43 CFR 3162.4-3, this well shall 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.
- 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:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - 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).
 - 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.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- 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, shall 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.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall 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, shall 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) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal 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 shall 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. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- 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.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall 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 shall be obtained and notification given before resumption of operations.
- 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.
- 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.

**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-13905

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 13-22-9-17

9. API Well No.
43-013-33310

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)
723 FSL 556 FWL SW/SW Section 22, T9S R17E

12. CHECK APPROPRIATE BOX(S) 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 9/16/06 (expiration 9/16/07).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

DIV. OF OIL, GAS & MINING

Date: 09-17-07
By: [Signature]

SEP 13 2007
RECEIVED

9-18-07
RM

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

Signed Mandie Crozier Title Regulatory Specialist Date 9/10/2007
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: 43-013-33310
Well Name: Lone Tree Federal 13-22-9-17
Location: SW/SW Section 22, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 9/10/2006

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

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


Signature

9/10/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Lone Tree Federal 13-22-9-17

API No: 43-013-33310 Lease Type: Federal

Section 22 Township 09S Range 17E County Duchesne

Drilling Contractor NDSI Rig # NS #1

SPUDDED:

Date 10-17-07

Time 4:15 PM

How Dry

Drilling will Commence: _____

Reported by Dell Ray

Telephone # 435-828-6110

Date 10-18-07 Signed RM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 8

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

OPERATOR ACCT. NO. N2896

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 ✓	4301333310	LONE TREE FED 13-22-9-17	SWSW	22	9S	17E	DUCHESNE	10/17/2007	10/31/07
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	99998	4301333634	UTE TRIBAL 8-30-4-2	SENE	30	4S	2W	DUCHESNE	10/19/2007	10/31/07
WELL 2 COMMENTS: <i>GRRU Well Plugged</i>											
A	99999	16443	4301333791	UTE TRIBAL 8A-30-4-2	SENE	30	4S	2W	DUCHESNE	10/24/2007	10/31/07
WELL 3 COMMENTS: <i>GRRU</i>											
A	99999	16444	4304736312	FEDERAL 1-14-9-18	NENE	14	9S	18E	UINTAH	10/23/2007	10/31/07
WELL 4 COMMENTS: <i>GRRU</i>											
A	99999	16445	4304739493	UTE TRIBAL 1-26-4-1	NENE	25	4S	1W	DUCHESNE	10/25/2007	10/31/07
WELL 5 COMMENTS: <i>GRRU</i>											
WELL 6 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
 - B - well to existing entity (group or unit well)
 - C - from one existing entity to another existing entity
 - D - well from one existing entity to a new entity
 - E - stop (explain in comments section)

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

Jentri Park
Signature Jentri Park
Production Clerk Jentri Park Date 10/25/07

DIV. OF OIL, GAS & MINING
 RECEIVED
 OCT 25 2007

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.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 723 FSL 556 FWL
 SWSW Section 22 T9S R17E

5. Lease Serial No.
 USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 LONE TREE UNIT

8. Well Name and No.
 LONE TREE FEDERAL 13-22-9-17

9. API Well No.
 4301333310

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	<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	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 11-08-07 MIRU Patterson Rig # 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5550'. 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, 142 jt's of 5.5 J-55, 15.5# csgn. Set @ 5541.35'/KB. Cement with 275 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 30 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig 6:00 am on 11-14-07.

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

Ray Herrera
 Signature *Ray Herrera*

Title
 Drilling Foreman

Date
 11/14/2007

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
 NOV 15 2007
 DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5541.35

Flt cllr @

LAST CASING 8 5/8" SET # 324.73'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 13-22-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson rig #52

TD DRILLER 5550 Loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3788.35' (6.62')					
142	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5489.44
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.66
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5543.35
TOTAL LENGTH OF STRING		5543.35	143	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		271.73	7	CASING SET DEPTH			5541.35
TOTAL		5799.83	150	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5799.83	150				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.		11/13/2007	6:30 PM	Bbls CMT CIRC TO SURFACE			30 bbls
CSG. IN HOLE		11/13/2007	11:00 PM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN CIRC		11/13/2007	11:10 PM	DID BACK PRES. VALVE HOLD ?			yes
BEGIN PUMP CMT		11/14/2007	12:30 am	BUMPED PLUG TO			1600 PSI
BEGIN DSPL. CMT		11/14/2007	1:32 AM				
PLUG DOWN		11/14/2007	1:54 AM				

CEMENT USED		B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	275	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.49 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Bustern Iverson DATE 11/14/2007

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-13905

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
LONE TREE UNIT

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
LONE TREE FEDERAL 13-22-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333310

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 723 FSL 556 FWL COUNTY: DUCHESNE
OTR/TR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/12/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above mentioned well went on production 12/12/07. See attached daily activity report.

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JAN 18 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk
SIGNATURE *Tammi Lee* DATE 01/17/2008

Summary Rig Activity Summary Report
Daily Activity Report

Format For Sundry
LONETREE 13-22-9-17
10/1/2007 To 2/29/2008

11/29/2007 Day: 1

Completion

Rigless on 11/28/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5442' & cement top @ 147'. Perforate stage #1. CP2 sds @ 5130-42' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. 131 BWTR. SIFN.

12/5/2007 Day: 2

Completion

Rigless on 12/4/2007 - RU BJ Services "Ram Head" frac flange. RU BJ CP2 sds, stage #1 down casing w/ 14,828#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2933 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2496 w/ ave rate of 23.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2446. 399 bbls EWTR. Leave pressure on well. SIFN.

12/6/2007 Day: 3

Completion

Rigless on 12/5/2007 - RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 16' perf gun. Set plug @ 4930'. Perforate LODC sds @ 4780-4826' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 184 shots in 2 runs. RU BJ & frac stage #2 w/ 180,416#'s of 20/40 sand in 1254 bbls of Lightning 17 frac fluid. Open well w/ 1522 psi on casing. Perfs broke down @ 4125 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2373 w/ ave rate of 26.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2503. 1653 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 4666'. Perforate A3 sds @ 4559-66' w/ 4 spf for total of 28 shots. RU BJ & frac stage #3 w/ 24,769#'s of 20/40 sand in 342 bbls of Lightning 17 frac fluid. Open well w/ 2305 psi on casing. Perfs broke down @ 2344 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1913 w/ ave rate of 23.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1758. 1995 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 4500'. Perforate B2 sds @ 4447-54' w/ 4 spf for total of 28 shots. RU BJ & frac stage #4 w/ 14,900#'s of 20/40 sand in 257 bbls of Lightning 17 frac fluid. Open well w/ 1480 psi on casing. Perfs broke down @ 1598 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1853 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1593. 2252 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 12' perf gun. Set plug @ 4340'. Perforate D2 sds @ 4223-35' w/ 4 spf for total of 48 shots. RU BJ & frac stage #5 w/ 72,886#'s of 20/40 sand in 559 bbls of Lightning 17 frac fluid. Open well w/ 1463 psi on casing. Perfs broke down @ 2391 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1547 w/ ave rate of 23.2 bpm w/ 8 ppg of sand. ISIP was 1577. 2811 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 10 hours & died w/ 700 bbls rec'd. SIFN.

12/7/2007 Day: 4

Completion

Leed #731 on 12/6/2007 - MIRUSU. Thaw well out. Open well w/ 300 psi on casing (Oil & Gas). Well stays flowing oil & gas. RU Perforators LLC WLT & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite solid plug. Set plug @ 4115'. RD WLT. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU bit (Chomp) & bit sub. Tally & pickup 2-7/8" new J-55, 6.5# tbg of racks & TIH to 2300' (73 jts). SIFN.

12/8/2007 Day: 5

Completion

Leed #731 on 12/7/2007 - Thaw well out. Open well w/ 100 psi on casing (Oil & Gas). Circulate

well clean. Continue PU tbg & TIH. Tag plug @ 4115'. RU pump/tanks & swivel. Drlg out kill plug, C/O to plug @ 4340'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4500'. Drlg out plug #2. TIH w/ tbg to tag plug @ 4666'. Drlg out plug #3. TIH w/ tbg to plug @ 4930'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5416'. Circulate well clean. SIFN.

12/11/2007 Day: 6

Completion

Leed #731 on 12/10/2007 - Thaw well out. Open well w/ 100 psi on casing (Oil & Gas). Circulate well clean to PBTD @ 5501'. Lay down 2 jts tbg. RU swab. Made 11 runs to rec'd 150 bbls of fluid. IFL was surface. FFL was 2000'. RD swab. TIH w/ tbg to tag 9' of fill. Circulate well clean. SIFN.

12/12/2007 Day: 7

Completion

Leed #731 on 12/11/2007 - Thaw wellhead, BOP & tbg stump W/ HO trk. No pressure on well. Con't TOH W/ tbg--LD bit. TIH W/ BHA & production tbg to 2816'. SIFN W/ est 2031 BWTR. **Rig was down 6 hours W/ twisted yolk**

12/13/2007 Day: 8

Completion

Leed #731 on 12/12/2007 - Thaw wellhead, BOP & tbg stump W/ HO trk. No pressure on well. Con't TIH W/ BHA & production tbg f/ 2816' (complete as follows): 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 157 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5100' W/ SN @ 5136' & EOT @ 5203'. Land tbg W/ 16,000# tension. NU wellhead. RU & flush tbg W/ 60 bbls clean wtr (returned same). PU & TIH W/ pump and "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 18' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 90-3/4" plain rods, 89-7/8" scraped rods, 1-4' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2031 BWTR. Place well on production @ 6:00 PM 12/12/2007 W/ 102" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 723' FSL 556' FWL SW/SW
At top prod Interval reported below

At total depth

14 API NO 43-013-33310 DATE ISSUED 9/19/07

12 COUNTY OR PARISH DUCHESNE 13 STATE UT

15 DATE SPUDDED 10/17/07 16 DATE T D REACHED 11/14/07 17 DATE COMPL (Ready to prod) 12/21/07 18 ELEVATIONS (DF, RKB, RT, GR, ETC) * 5303' GL 5315' KB 19 ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD 5550' 21 PLUG BACK T D MD & TVD 5501' 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 4223'-5142' 25 WAS DIRECTIONAL SURVEY MADE No

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

23 CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324' 73"	12 1/4	To surface w/ 160sx of class "G" cement	
5-1/2" J-55	15.5#	5541' 35"	7 7/8	275sx of Premlite II & 400 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 @ 5202.96'	TA @ 5100.27'

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
----------	------	------------	---------------------	----------------------------------

CP2 sds	49"	4/48	5130'-5142'	Frac w/ 14,828 #'s of 20/40 sand in 268 bbls of fluid
L0DC sds 4780'-4826'	49"	4/184	4780'-4826'	rac w/ 180,416 #'s of 20/40 sand in 1254 bbls of fluid
A3 sds 4559'-4566'	49"	4/28	4559'-4566'	Frac w/ 24,769 #'s of 20/40 sand in 342 bbls of fluid
B2 sds 4447'-4454'	49"	4/28	4447'-4454'	Frac w/ 14,900 #'s of 20/40 sand in 257 bbls of fluid
D2 sds 4223'-4235'	49"	4/48	4223'-4235'	Frac w/ 72,886 #'s of 20/40 sand in 559 bbls of fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 12/21/07 PRODUCTION METHOD (Flowing, gas lift, pumping -size and type of pump) 2 1/2' x 1 1/2" x 18' RHAC Pump with SM plunger WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave HOURS TESTED CHOKER SIZE PROD'N FOR TEST PERIOD OIL--BBL 1173 GAS--MCF 474 WATER--BBL 187 GAS-OIL RATIO 611

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 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 Tammi Lee TITLE Production Technician DATE 1/23/2008

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

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JAN 28 2008

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.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 13-22-9-17	3202'	
				3396'	
				3501'	
				3738'	
				3987'	
				4019'	
				4145'	
				4367'	
				4469'	
				5060'	
				5396'	
				0	
				5553'	

NEWFIELD



Well Name: Lone Tree 13-22-9-17

LOCATION: S22, T9S, R17E

COUNTY/STATE: Duchesne

API: 43-013-33310

Spud Date: 10-17-07

TD: 5550'

CSG: 11-13-07

POP: 12-12-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
12/12/2007				2031				POP @ 6:00 P.M. w/ 102" SL @ 5 SPM. 2031 Total water to recover.
12/13/2007	4	0	20	2011	0	25	5 1/2	
12/14/2007	24	60	110	1901	0	35	6 1/2	Drained 110 bbls water from T1 to T3
12/15/2007	22	-20	130	1771	0	0	6 1/2	going down on overheat, Drained 130 bbls from T1 to T3
12/16/2007	14	55	100	1671	0	42	6	Drained 55 bbls from flat tank to T1
12/17/2007	24	86	43	1628	0	35	6	
12/18/2007	24	18	130	1498	0	30	6	
12/19/2007	12	122	74	1424	0	40	6	Down on mechanical problem
12/20/2007	0	0	0	1424	0	0	0	Down on mechanical problem
12/21/2007	0	0	0	1424	0	0	0	Oil in dry gas
12/22/2007	24	163	0	1424	0	30	5	Needs sales line.
12/23/2007	8	93	0	1424	0	200	5 1/2	
12/24/2007	0	0	0	1424	0	200	0	Drained 52 bw to T3
12/25/2007	8	51	7	1417	0	300	5	drained 7 bw from T2 to T3
12/26/2007	0	0	0	1417	0	300	0	clutched for oil sale
12/27/2007	0	0	0	1417	0	300	0	clutched for oil sale
12/28/2007	0	0	0	1417	0	300	0	Clutched for oil sale, POP @ 9:00 A.M.
12/29/2007	10	20	0	1417	0	300	65	Down - replacing treater
12/30/2007	0	0	0	1417	0	300	0	Down - replacing treater
12/31/2007	0	0	0	1417	0	300	0	Down - replacing treater
1/1/2008	0	0	0	1417	0	300	0	Down - replacing treater
1/2/2008	0	0	0	1417	0	300	0	Down - for repairs
1/3/2008	0	0	0	1417	0	300	0	Down - for repairs
1/4/2008	24	196	60	1357	19	90	6	110 bls Oil from T3 to T2
1/5/2008	24	166	35	1322	37	90	6	
1/6/2008	16	146	0	1322	26	200	6	Clutched for oil sale
1/7/2008	0	0	15	1307	0	300	6	Clutched for oil sale, 15 bw from T1 to T3. POP @ 10:30 A.M.
1/8/2008	24	101	41	1266	25	200	6	
1/9/2008	19	153	18	1248	212	400	6	Clutched for oil sale
1/10/2008	0	0	0	1248	0	1000	0	Clutched for oil sale
1/11/2008	19	203	8	1240	80	60	5 1/2	Clutched for oil sale
1/12/2008	24	208	10	1230	75	100	5 1/2	FINAL
		1821	801		474			



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

SEP 08 2010

Ref: 8P-W-GW

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

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

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

RE: Underground Injection Control (UIC)
Additional Well to Lone Tree
Area Permit
EPA UIC Permit UT20853-08866
Well: Lone Tree Federal 13-22-9-17
SWSW Sec. 22 T9S-R17E
Duchesne County, Utah
API No.: 43-013-33310

Dear Mr. Sundberg:

The Environmental Protection Agency Region 8 (EPA) hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree Federal 13-22-9-17 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 UT20853-00000 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.

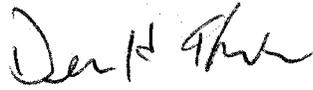
RECEIVED

SEP 22 2010

DIV. OF OIL, GAS & MINING

If you have any questions, please call Tom Aalto at (303) 312-6949 or 1-(800)-227-8917 (Ext. 312-6949). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



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

Enclosures: Authorization for Additional Well
EPA-Annotated Wellbore and P&A Diagrams

cc Letter Only:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Phillip Chimburas, Councilman
Frances Poowegup, Vice-Chairwoman
Richard Jenks, 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

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
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 UT20853-00000

The Lone Tree Final Underground Injection Control (UIC) Area Permit UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery in the Lone Tree Unit. On July 26, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Lone Tree Federal 13-22-9-17
EPA Permit ID Number:	UT20853-08866
Location:	723' FSL & 556' FWL SWSW Sec. 22 T9S-R17E Duchesne County, Utah API #43-013-33310

Pursuant to 40 CFR §144.33, Area UIC Permit 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 UT20853-00000, 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: 9/8/2010

for Melanni J. Pallmon
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*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Lone Tree Federal 13-22-9-17**

EPA Well ID Number: **UT20853-08866**

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; and
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 Zone: The approved injection zone for this well is from the top of Green River Formation, Garden Gulch 2 Member, to the top of the Wasatch Formation. The approved injection zone depth interval for this well is: 3,500 ft. – 5,535 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP for this well is **1,405** psig. The initial MAIP is based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.773 \text{ psi/ft.} \quad \text{SG} = 1.015 \quad \text{D} = 4,223 \text{ ft. (top perforation depth)}$$
$$\text{Initial MAIP} = 1,405 \text{ psig}$$

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

The UIC Area Permit provides the opportunity for the permittee to request a change of the initial 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 (CBL), have satisfactorily demonstrated the presence of adequate Cement Bond Index (CBI) cement to prevent the migration of injection fluids behind the casing from the injection zone. An EPA-annotated wellbore diagram is attached.

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 that there is adequate 80% Cement Bond Index (CBI) cement in the well across the entire Confining Zone (Shale "B"). Therefore, no further demonstration of Part II (external) Mechanical Integrity is required.

Demonstration of Financial Responsibility: At the time of issuance of this Authorization for Additional Well UIC Permit, the Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with Newfield to correct any deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

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:

- Plug No. 1:** Set a cast iron bridge plug (CIBP) 50 ft. above the top injection zone perforations (at the time of this authorization, the top perforation is at 4,223 ft.). Set 100 ft. cement plug on top of the CIBP.

- Plug No. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona /Bird's Nest interval and the Mahogany Bench oil shale in a 176-foot cement plug from 2,354 ft. to 2,530 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a 176-foot cement plug inside the 5-1/2" casing from 2,354 ft. to 2,530 ft.
- Plug No. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,059 ft., in a 120-foot cement plug from 999 ft. to 1,119 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from 999 ft. to 1,119 ft.
- Plug No. 4: Perforate 5-1/2" casing at 375 ft. and squeeze cement up the 5-1/2"x 8-5/8" casing annulus to the surface, unless pre-existing backside cement precludes cement-squeezing this interval. Set a cement plug within the 5-1/2" casing from a depth of 375 ft. to the surface.

An EPA-annotated wellbore Plugging and Abandonment Plan diagram is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 13-22-9-17**
EPA Well ID Number: **UT20853-08866**

Underground Sources of Drinking Water (USDWs): USDWs in the Greater Boundary Unit 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 915 ft. in this well.

Utah Division of Water Rights Information: According to the state website, <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>, there are no known reservoirs, streams, domestic or agricultural water wells within one-quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the injection zone in the Green River Formation was determined to be 22,616 mg/l on February 19, 2010. Due to nearby injection activities of relatively fresh water for the purpose of enhanced oil recovery, this TDS value is likely not be representative of the original TDS content of formation waters at or near this well.

The TDS content of injectate was determined to be 14,518 mg/l on January 5, 2010. The planned injectate is water from the Newfield Injection Facility and consists of culinary water from the Green River supply line or the Johnson Water District supply line blended with produced Green River Formation water.

Aquifer Exemption: The TDS of water samples from the proposed injection formation is greater than 10,000 mg/l. Therefore, an aquifer exemption is not required for this proposed injection well.

Confining Zone: The UIC Area Permit established Areal Confining Zone (ACZ) (also known as the Administrative Confining Zone) directly overlies the Garden Gulch Member of the Green River Formation. However, an alternative confining zone beneath the ACZ has also been identified and approved by EPA. The alternative confining zone is referred to as Shale "B".

Shale "B": 3,427 ft. to 3,500 ft. Shale "B" is approximately 73 ft. in thickness. There is 80 percent Cement Bond Index cement across the entire interval of Shale "B". Also, the Permittee proposed in the permit application that the base of Shale "B" (top of the Garden Gulch 2) be used as the bottom of the confining zone (and top of proposed injection zone) instead of the base of the ACZ. EPA is in agreement with that proposal as it represents a more conservative approach in this case. Therefore, EPA has determined that Shale "B" is the alternate confining zone for this well.

Injection Zone: The injection zone for this well is in the Green River Formation from the top of Garden Gulch 2 (base of Shale "B") at 3,500 ft., to the top of the Wasatch Formation at an estimated depth of approximately 5,535 ft. Due to the change in the designated confining zone, the injection zone has been limited to an interval from the base of Shale "B", at a depth of

*Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 13-22-9-17 EPA Well ID: UT20853-08866*

3500 ft. (top of Garden Gulch 2) to the top of the Wasatch Formation, at an estimated depth of approximately 5,535 ft. The Permittee proposed in the permit application that the injection zone (interval) be lowered to the top of the Garden Gulch #2 (the base of Shale "B") at a depth of 3,500 ft. for this well. EPA is in agreement with that proposal as it represents a more conservative approach in this case. The injection zone at this well location consists of approximately 2,035 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the base of Formation tops are either submitted by the operator or are based on correlations to the Newfield Monument Butte Type Log.

Well Construction: The Cement Bond Log (CBL) for this well shows 80% or greater Cement Bond Index (CBI) cement across the entire 73-foot confining zone (Shale "B"). EPA Region 8 guidance calls for at least 18-feet of 80 % CBI cement through the confining zone. Therefore, no further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is being required.

Surface Casing: 8-5/8" casing is set at 325 ft. in a 12-1/4" hole, using 160 sacks of Class "G" Cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,541 ft. in a 7-7/8" hole secured with 275 sacks of Prem. Lite II cement and 400 sacks of 50/50 POZ cement. Plugged back total depth is 5,501 ft. Cement Bond Log (CBL) shows Top of Cement (TOC) is at 147 ft.

Perforations: Top perforation: 4,223 ft. Bottom perforation: 5,142 ft.

Additional information concerning the well may be found on the state website:
<http://oilgas.ogm.utah.gov/>

Basis for Initial MAIP Calculation: The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

Fracture Gradient: A fracture gradient value of 0.773 psi/ft. was selected by EPA because it is the most conservative fracture gradient for other nearby wells.

Specific Gravity: An injectate specific gravity value of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for this well.

Well Plugging and Abandonment: As discussed in the EPA Region 8 guidance, wells should be plugged and abandoned in a manner to prevent migration of fluids in the wellbore into or between USDWs. The four (4) cement plugs required for this well are as follows:

Plug No. 1 is required to prevent migration of fluids out of the injection zone. It is believed that there are no USDWs below Plug No. 1.

Plug No. 2 is required because the interval of the Green River Formation, containing the Bird's Nest and Trona Members, is reported to contain USDWs in places in the Uinta Basin, and the Mahogany Bench Member is an oil shale resource that is also being protected under U.S. Bureau of Land Management (BLM) requirements.

Plug No. 3 is required across the Uinta Formation/Green River Formation contact to prevent flow between USDWs.

Plug No. 4 is required to prevent fluids from migrating from the surface or from below into shallow USDWs.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following two (2) AOR wells that penetrate the area confining zone within or proximate to a one-quarter (1/4) mile radius around the Lone Tree Federal 13-22-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

<u>AOR Well</u>	<u>API Number</u>	<u>Location</u>
Lone Tree 16-21-9-17	43-013-33282	SESE Sec. 21 T9S R17E
Lone Tree Federal 12-22-9-17	43-013-33309	NWSW Sec. 22 T9S R17E

No Corrective Action Required for the AOR Wells

As discussed below, no corrective action is being required for the two (2) AOR wells because the wells are shown to have adequate cement across the Shale "B" confining zone to prevent fluid migration in the wellbores. These points are discussed briefly below for each AOR well:

Lone Tree 16-21-9-17: The well is a producing oil well. The CBL shows TOC at 203 ft. There is 80 % CBI cement in Shale "B" in the interval 3,418 ft. to 3,478 ft.

Lone Tree Federal 12-22-9-17: The well is a producing oil well. The CBL shows TOC at 937 ft. There is 80 % CBI cement in Shale "B" in the interval 3,450 ft. to 3,525 ft.

REPORTING REQUIREMENTS

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 to EPA for review no later than 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 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 an underground source of drinking water.
- (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)** at: **1-(800)-424-8802 or 1-(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 weeks of the time such information became known.

UT20853-08866

Tom AaHo, EPA
Red

LONE TREE FEDERAL 13-22-9-17

Spud Date: 10/17/07
Put on Production: 11/12/07
GL: 5303' KB: 5315'

Proposed Injection
Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.88')
DEPTH LANDED: 324.73' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est ? bbls cmt to surf.

PRODUCTION CASING

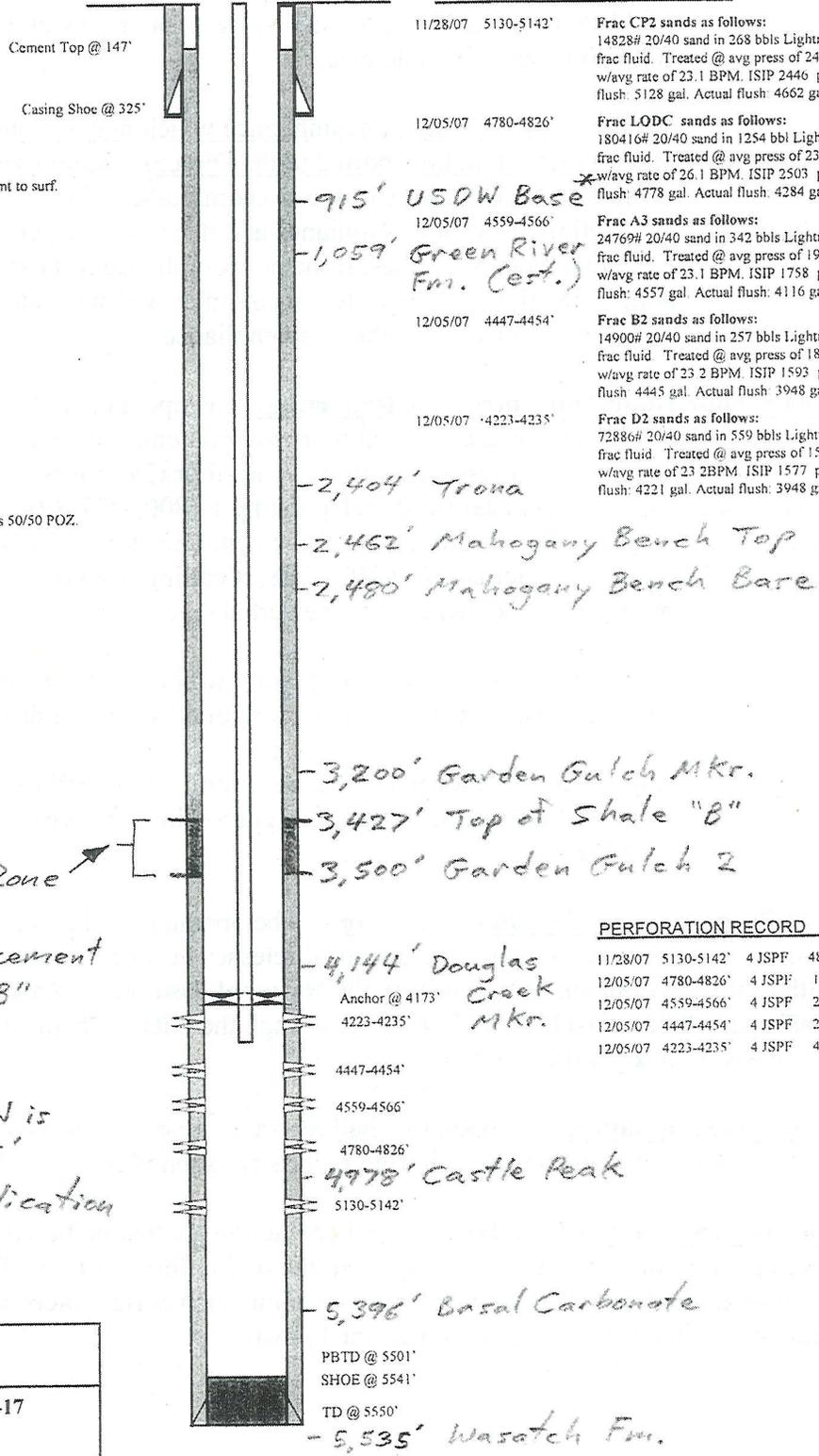
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5528.10')
DEPTH LANDED: 5541.35' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 147'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 157 jts (5088.27')
TUBING ANCHOR: 5100.27' KB
NO. OF JOINTS: 1 jts (32.83')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 5135.85' KB
NO. OF JOINTS: 2 jts (65.56')
TOTAL STRING LENGTH: EOT @ 5202.96' KB

FRAC JOB

11/28/07	5130-5142'	Frac CP2 sands as follows: 14828# 20/40 sand in 268 bbls Lightning 17 frac fluid. Treated @ avg press of 2496 psi w/avg rate of 23.1 BPM. ISIP 2446 psi. Calc flush: 5128 gal. Actual flush: 4662 gal.
12/05/07	4780-4826'	Frac LODC sands as follows: 180416# 20/40 sand in 1254 bbl Lightning 17 frac fluid. Treated @ avg press of 2373 psi w/avg rate of 26.1 BPM. ISIP 2503 psi. Calc flush: 4778 gal. Actual flush: 4284 gal.
12/05/07	4559-4566'	Frac A3 sands as follows: 24769# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1913 psi w/avg rate of 23.1 BPM. ISIP 1758 psi. Calc flush: 4557 gal. Actual flush: 4116 gal.
12/05/07	4447-4454'	Frac B2 sands as follows: 14900# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 1853 psi w/avg rate of 23.2 BPM. ISIP 1593 psi. Calc flush: 4445 gal. Actual flush: 3948 gal.
12/05/07	4223-4235'	Frac D2 sands as follows: 72886# 20/40 sand in 559 bbls Lightning 17 frac fluid. Treated @ avg press of 1547 psi w/avg rate of 23.2 BPM. ISIP 1577 psi. Calc flush: 4221 gal. Actual flush: 3948 gal.



Confining Zone
Shale "B"

There is 80% CBI cement throughout Shale "B" (shaded area).

* The base of the USDW is estimated to be 915' using Technical Publication No. 92.

PERFORATION RECORD

Date	Interval	JSPF	Holes
11/28/07	5130-5142'	4 JSPF	48 holes
12/05/07	4780-4826'	4 JSPF	184 holes
12/05/07	4559-4566'	4 JSPF	28 holes
12/05/07	4447-4454'	4 JSPF	28 holes
12/05/07	4223-4235'	4 JSPF	48 holes

NEWFIELD

LONE TREE FEDERAL 13-22-9-17

723' FSL & 556' FWL
SW/SW Section 22-T9S-R17E
Duchesne Co, Utah
API #43-013-33310; Lease # UTU-13905

UT20853-08866

Toni Aalto, EPA
P&A

LONE TREE FEDERAL 13-22-9-17

Spud Date: 10/17/07
Put on Production: 11/12/07
GL: 5303' KB: 5315'

Initial Production: BOPD,
MCFD, BWPD

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.88')
DEPTH LANDED: 324.73' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

Cement Top @ 147'

Pump 44 sx Class "G" Cement down 5-1/2" casing-to 375'

Casing Shoe @ 325'

Plug 4

499' } 80% CBI Cement
523' }
915' USDW Base. (est.)

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts (5528.10')
DEPTH LANDED: 5541.35' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 147'

Plug 3

120' balance plug using 14 sx Class "G" cement 60'
above Uinta/Green River and extending 60' below
(999'-1119')

Plug 2

176' balance plug using 20 sx Class "G" cement 50'
above Trona-Bird's Nest extending 50' below base of
Mahogany Oil Shale (2354'-2530')

Plug 1

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

CIBP @ 4173'

4223-4235'

4447-4454'

4559-4566'

4780-4826'

5130-5142'

PBTD @ 5501'

SHOE @ 5541'

TD @ 5550'

NEWFIELD

LONE TREE FEDERAL 13-22-9-17

723' FSL & 556' FWL

SW/SW Section 22-T9S-R17E

Duchesne Co, Utah

API #43-013-33310; Lease # UTU-13905

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LONE TREE FED 13-22-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013333100000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0723 FSL 0556 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 Township: 09.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/27/2012	<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 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 08/24/2012. On 08/15/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/27/2012 the casing was pressured up to 1700 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-08866

**Accepted by the
Utah Division of
Oil, Gas and Mining**
FOR RECORD ONLY
 September 13, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/29/2012	

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: 8 / 27 / 2012
 Test conducted by: Cody Marx
 Others present: _____

Well Name: <u>Lone Tree Federal 13-22-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SW</u> Sec: <u>22</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: 1700 psig

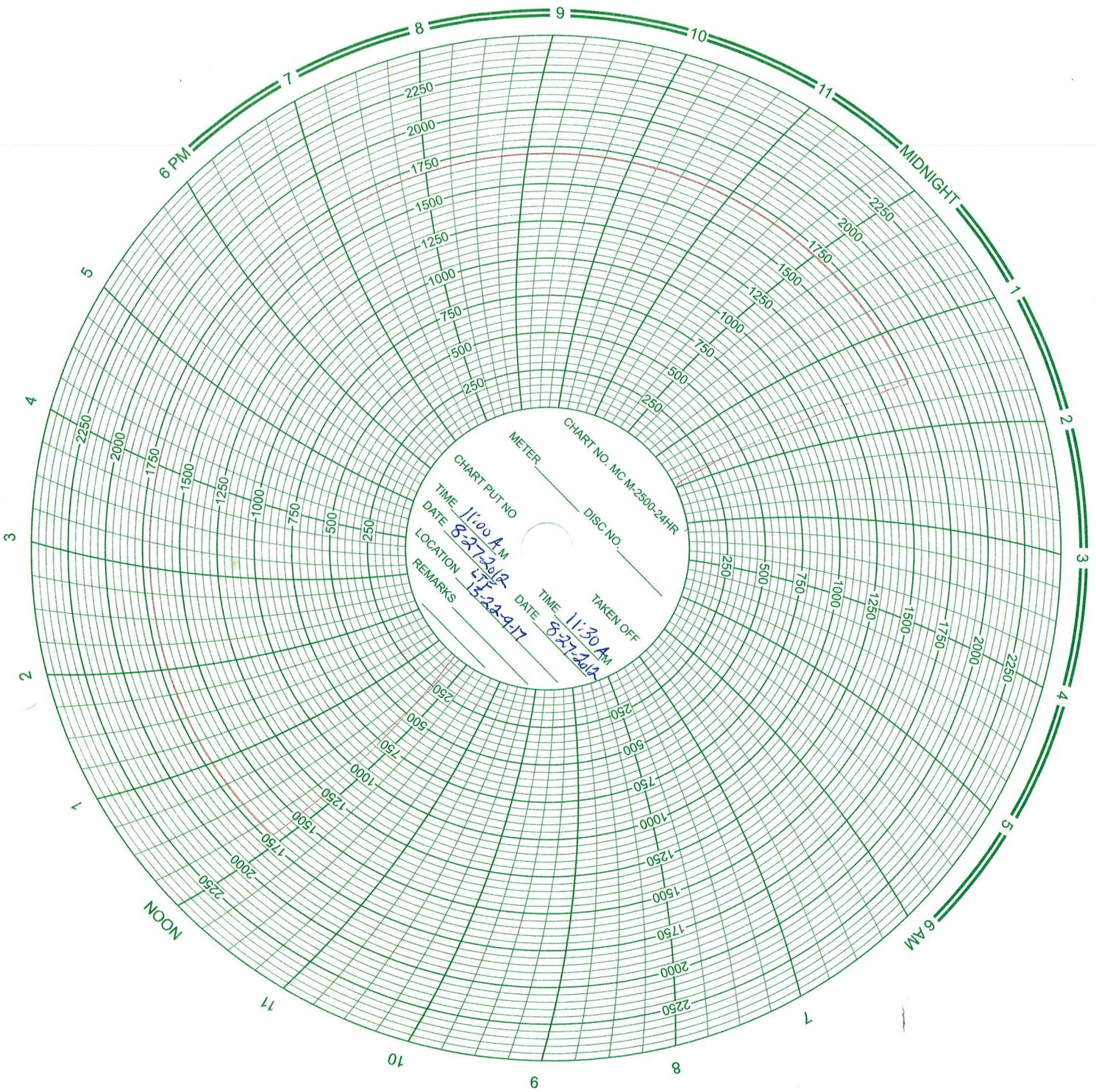
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>300</u> psig	psig	psig
End of test pressure	<u>300</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1700</u> psig	psig	psig
5 minutes	<u>1700</u> psig	psig	psig
10 minutes	<u>1700</u> psig	psig	psig
15 minutes	<u>1700</u> psig	psig	psig
20 minutes	<u>1700</u> psig	psig	psig
25 minutes	<u>1700</u> psig	psig	psig
30 minutes	<u>1700</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: _____



Workfloor, MU & RIH W/ Sandline Tagged Fill @ 5501' (NO NEW FILL), ROH W/ Sandline, POOH W/ Tbg Breaking- Inspecting & Redoping 128 Jts Of Tbg To 4160', RU H/ Oiler To Tbg Pumped 40 BW, LD 8 Jts, Was Not Able To Finish LD Tbg, Believe TA Is Stuck, SWIFN... 6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, X- Over For Tbg, ND Wellhead Flange, TA Was Not Set, NU Weatherford BOP, RU Workfloor, MU & RIH W/ Sandline Tagged Fill @ 5501' (NO NEW FILL), ROH W/ Sandline, POOH W/ Tbg Breaking- Inspecting & Redoping 128 Jts Of Tbg To 4160', RU H/ Oiler To Tbg Pumped 40 BW, LD 8 Jts, Was Not Able To Finish LD Tbg, Believe TA Is Stuck, SWIFN... 6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, X- Over For Tbg, ND Wellhead Flange, TA Was Not Set, NU Weatherford BOP, RU Workfloor, MU & RIH W/ Sandline Tagged Fill @ 5501' (NO NEW FILL), ROH W/ Sandline, POOH W/ Tbg Breaking- Inspecting & Redoping 128 Jts Of Tbg To 4160', RU H/ Oiler To Tbg Pumped 40 BW, LD 8 Jts, Was Not Able To Finish LD Tbg, Believe TA Is Stuck, SWIFN... 6:00PM To 6:30PM C/ Travl **Finalized**

Daily Cost: \$0

Cumulative Cost: \$14,012

8/21/2012 Day: 3

Conversion

NC #2 on 8/21/2012 - RU Power Swivel To Free Tbg, Prepare To Pmp Acid - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 130BW, Worked Tbg Until 1:00PM, Hung Back Power Swivel, RU H/ Oiler To Csg To Fill Well Bore 60 BW To Circulate, Tbg Still Stuck W/ 26' Of Tbg Above BOPs, Prepare To Pmp Acid In The Morning...SWIFN...5:00PM To 5:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 130BW, Worked Tbg Until 1:00PM, Hung Back Power Swivel, RU H/ Oiler To Csg To Fill Well Bore 60 BW To Circulate, Tbg Still Stuck W/ 26' Of Tbg Above BOPs, Prepare To Pmp Acid In The Morning...SWIFN...5:00PM To 5:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 130BW, Worked Tbg Until 1:00PM, Hung Back Power Swivel, RU H/ Oiler To Csg To Fill Well Bore 60 BW To Circulate, Tbg Still Stuck W/ 26' Of Tbg Above BOPs, Prepare To Pmp Acid In The Morning...SWIFN...5:00PM To 5:30PM C/ Travl **Finalized**

Daily Cost: \$0

Cumulative Cost: \$22,534

8/23/2012 Day: 4

Conversion

NC #2 on 8/23/2012 - Pumped Acid W/ Nalco, Work Tbg W/ Power Swivel, Backed Off Tbg - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbls Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbls Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2" Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2"

Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbbs Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbbs Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2" Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2" Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2" Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbbs Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, RU RBS Power Swivel, RU H/ Oiler To Csg Pumped 120BW To Fill Csg, RU Nalco To Pump Acid Down Csg, Nalco Pumped 5Bbbs Of Acid W/ 2BW, H/ Oiler Pumped 10BW To Spot Acid Around TA, Let Set For 15 Min, Used Power Swivel To Work Tbg, H/ Oiler Pumped 60 BW Down Tbg To Reverse Acid Up Csg, Backed Off Tbg @ Jt #151 W/ Power Swivel, Leaving 6- Jts Above TA, Moved In RIg Pump & Flat Tk....SWIFN.. - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, PU & MU RBS 4 1/2" Shoe, 7- Jts Washover, Bushing, X-O Sub, AJ- LBS, AJ-Jar, X-O Sub, 6' Pup Jt (250.05'), 12- Jts Tbg (390'), RU RBS Power swivel, RU WWS Rig Pump To Csg, Milled On TA Until Free & Fell To Bottom, TIH W/ 20 Jts Of Tbg, POOH W/ Tbg, LD Fishing Assembly, PU & MU RBS Scrapper, TIH W/ 160 Jts Tagged Tbg @ 5218', RU H/ Oiler To Tbg Pumped 40BW, LD 33- Jts, POOH W/ Scapper, PU & MU Weatherford Arrow Set PKR W/ XN- Nipple, TIH W/ 88 Jts..SWIFN 7:00PM To 7:30PM C/ Travl

Daily Cost: \$0

Cumulative Cost: \$30,316

8/24/2012 Day: 6

Conversion

Summary Rig Activity

NC #2 on 8/24/2012 - Pressure Test Tbg, NU Injection Tree, Pressure Test Csg - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, TIH W/ 40 Jts, RU H/ Oiler To Tbg Pumped 10BW Pad, Seated Stnd Valve W/ Sandline, 20 BW To Fill, MU Isolation T, Pressured Up Tbg To 3000psi, Lost 600psi In 30 Min, Pressure Back Up To 3000psi, Lost 275psi In 30 Min, Pressured Tbg To 1500psi Let Pressure Bleed Off Slowly To 0psi, Pressured Back To 3000psi, Held Solid For 60 Min, GOOD TEST, Retrieved Stand Valve, RD Work Floor, ND Weatherford BOP, MU Injection Tree, RU H/ Oiler To Csg Pumped 70BW W/ Johnson Wtr & PKR Fluid, Set Weatherford Retrievable PKR W/ "XN" Nipple (CE @ 1478.94'), 10 BW To Fill Csg, NU Injection Tree, Pressured Up Csg To 1500psi, Watched For 45 Min, GOOD TEST, RDSU... 7:30PM To 8:00PM C/ Travl....FINAL REPORT!! READY FOR MIT - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, TIH W/ 40 Jts, RU H/ Oiler To Tbg Pumped 10BW Pad, Seated Stnd Valve W/ Sandline, 20 BW To Fill, MU Isolation T, Pressured Up Tbg To 3000psi, Lost 600psi In 30 Min, Pressure Back Up To 3000psi, Lost 275psi In 30 Min, Pressured Tbg To 1500psi Let Pressure Bleed Off Slowly To 0psi, Pressured Back To 3000psi, Held Solid For 60 Min, GOOD TEST, Retrieved Stand Valve, RD Work Floor, ND Weatherford BOP, MU Injection Tree, RU H/ Oiler To Csg Pumped 70BW W/ Johnson Wtr & PKR Fluid, Set Weatherford Retrievable PKR W/ "XN" Nipple (CE @ 1478.94'), 10 BW To Fill Csg, NU Injection Tree, Pressured Up Csg To 1500psi, Watched For 45 Min, GOOD TEST, RDSU... 7:30PM To 8:00PM C/ Travl....FINAL REPORT!! READY FOR MIT - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, TIH W/ 40 Jts, RU H/ Oiler To Tbg Pumped 10BW Pad, Seated Stnd Valve W/ Sandline, 20 BW To Fill, MU Isolation T, Pressured Up Tbg To 3000psi, Lost 600psi In 30 Min, Pressure Back Up To 3000psi, Lost 275psi In 30 Min, Pressured Tbg To 1500psi Let Pressure Bleed Off Slowly To 0psi, Pressured Back To 3000psi, Held Solid For 60 Min, GOOD TEST, Retrieved Stand Valve, RD Work Floor, ND Weatherford BOP, MU Injection Tree, RU H/ Oiler To Csg Pumped 70BW W/ Johnson Wtr & PKR Fluid, Set Weatherford Retrievable PKR W/ "XN" Nipple (CE @ 1478.94'), 10 BW To Fill Csg, NU Injection Tree, Pressured Up Csg To 1500psi, Watched For 45 Min, GOOD TEST, RDSU... 7:30PM To 8:00PM C/ Travl....FINAL REPORT!! READY FOR MIT **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$71,268**8/29/2012 Day: 7****Conversion**

Rigless on 8/29/2012 - Conduct initial MIT - On 08/15/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/27/2012 the casing was pressured up to 1700 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-08866 - On 08/15/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/27/2012 the casing was pressured up to 1700 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-08866 - On 08/15/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/27/2012 the casing was pressured up to 1700 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-08866 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$108,238**Pertinent Files: [Go to File List](#)**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: LONE TREE FED 13-22-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013333100000
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: 0723 FSL 0556 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 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: 9/26/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 6:15 PM on 09/26/2012. EPA # UT20853-08866		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 01, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 9/27/2012



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

SEP 19 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20853-08866
Well: Lone Tree Federal 13-22-9-17
SWSW Sec. 22-T9S-R17E
Duchesne County, Utah
API No.: 43-013-33310

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) August 29, 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 UT20853-08866.

As of the date of this letter, Newfield is authorized to commence injection into the Lone Tree Federal 13-22-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,405 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:

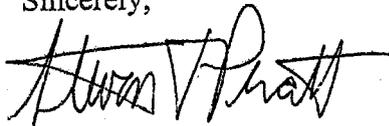
Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

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 UT20853-08866.

If you have questions regarding the above action, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278.

Sincerely,



for Howard M. Cantor, for
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

Johnna Blackhair
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

Spud Date: 10/17/07
 Put on Production: 11/12/07
 GL: 5303' KB: 5315'

LONE TREE FEDERAL 13-22-9-17

Injection Wellbore
Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.88')
 DEPTH LANDED: 324.73' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est ? bbls cmt to surf.

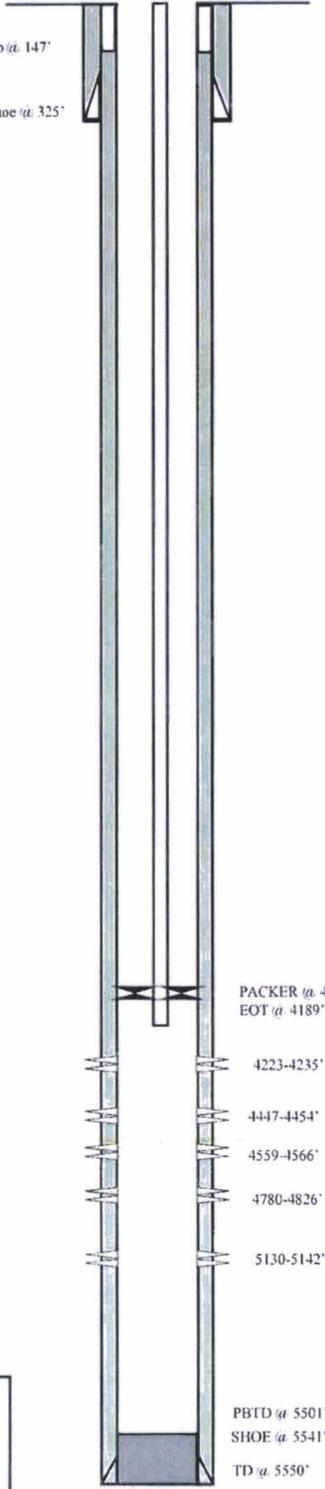
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (5528.10')
 DEPTH LANDED: 5541.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 147'

TUBING

SIZE GRADE WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4160.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4172.8' KB
 ON OFF 2-7/8" AT: 4173.9
 X SEAL NIPPLE AT: 4175.3'
 PACKER CE @: 4178.94'
 XO 2-7/8" x 2-3/8" AT: 4182.6'
 TBG PUP 2-3/8" L-80 AT: 4183.1'
 XN NIPPLE 2-3/8" AT: 4187.1'
 TOTAL STRING LENGTH: EOT @ 4189' KB

Cement Top @ 147'
 Casing Shoe @ 325'



FRAC JOB

11/28/07	5130-5142'	Frac CP2 sands as follows: 14828# 20/40 sand in 268 bbls Lightning 17 frac fluid. Treated @ avg press of 2496 psi w/avg rate of 23.1 BPM. ISIP 2446 psi. Calc flush: 5128 gal. Actual flush: 4662 gal.
12/05/07	4780-4826'	Frac LODC sands as follows: 180416# 20/40 sand in 1254 bbl Lightning 17 frac fluid. Treated @ avg press of 2373 psi w/avg rate of 26.1 BPM. ISIP 2503 psi. Calc flush: 4778 gal. Actual flush: 4284 gal.
12/05/07	4559-4566'	Frac A3 sands as follows: 24769# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1913 psi w/avg rate of 23.1 BPM. ISIP 1758 psi. Calc flush: 4557 gal. Actual flush: 4116 gal.
12/05/07	4447-4454'	Frac B2 sands as follows: 14900# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 1853 psi w/avg rate of 23.2 BPM. ISIP 1593 psi. Calc flush: 4445 gal. Actual flush: 3948 gal.
12/05/07	4223-4235'	Frac D2 sands as follows: 72886# 20/40 sand in 559 bbls Lightning 17 frac fluid. Treated @ avg press of 1547 psi w/avg rate of 23.2 BPM. ISIP 1577 psi. Calc flush: 4221 gal. Actual flush: 3948 gal.
05/18/10		Pump Change. Rod & Tubing updated.
08/24/12		Convert to Injection Well
08/27/12		Conversion MIT Finalized - update the detail

PERFORATION RECORD

11/28/07	5130-5142'	4 JSPF	48 holes
12/05/07	4780-4826'	4 JSPF	184 holes
12/05/07	4559-4566'	4 JSPF	28 holes
12/05/07	4447-4454'	4 JSPF	28 holes
12/05/07	4223-4235'	4 JSPF	48 holes

NEWFIELD

LONE TREE FEDERAL 13-22-9-17

723' FSL & 556' FWL

SW-SW Section 22-T9S-R17E

Duchesne Co, Utah

API #43-013-33310; Lease # UTU-13905