



August 24, 2006

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

RE: Applications for Permit to Drill

Lone Tree Federal 2-21-9-17	Lone Tree Federal 8-21-9-17
Lone Tree Federal 3-21-9-17	Lone Tree Federal 9-21-9-17
Lone Tree Federal 4-21-9-17	Lone Tree Federal 11-21-9-17
Lone Tree Federal 5-21-9-17	Lone Tree Federal 12-21-9-17
Lone Tree Federal 6-21-9-17	Lone Tree Federal 13-21-9-17
Lone Tree Federal 7-21-9-17	Lone Tree Federal 16-21-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-21-9-17 and 13-21-9-17 are also Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

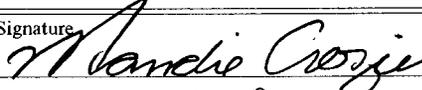
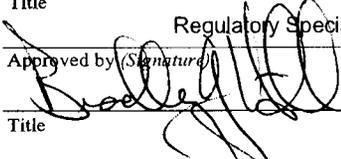
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-13905	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Lone Tree	
8. Lease Name and Well No. Lone Tree Federal 8-21-9-17	
9. API Well No. 43013-33287	
10. Field and Pool, or Exploratory Monument Butte	11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 21, T9S R17E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 16.6 miles southeast of Myton, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2081' f/lse, 3199' f/unit 584974X 40,01811b 4430033Y -110.004291
16. No. of Acres in lease 1200.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1165'	19. Proposed Depth 5650'
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5282' GL
22. Approximate date work will start* 4th Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 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 8/23/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-29-06
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)

RECEIVED

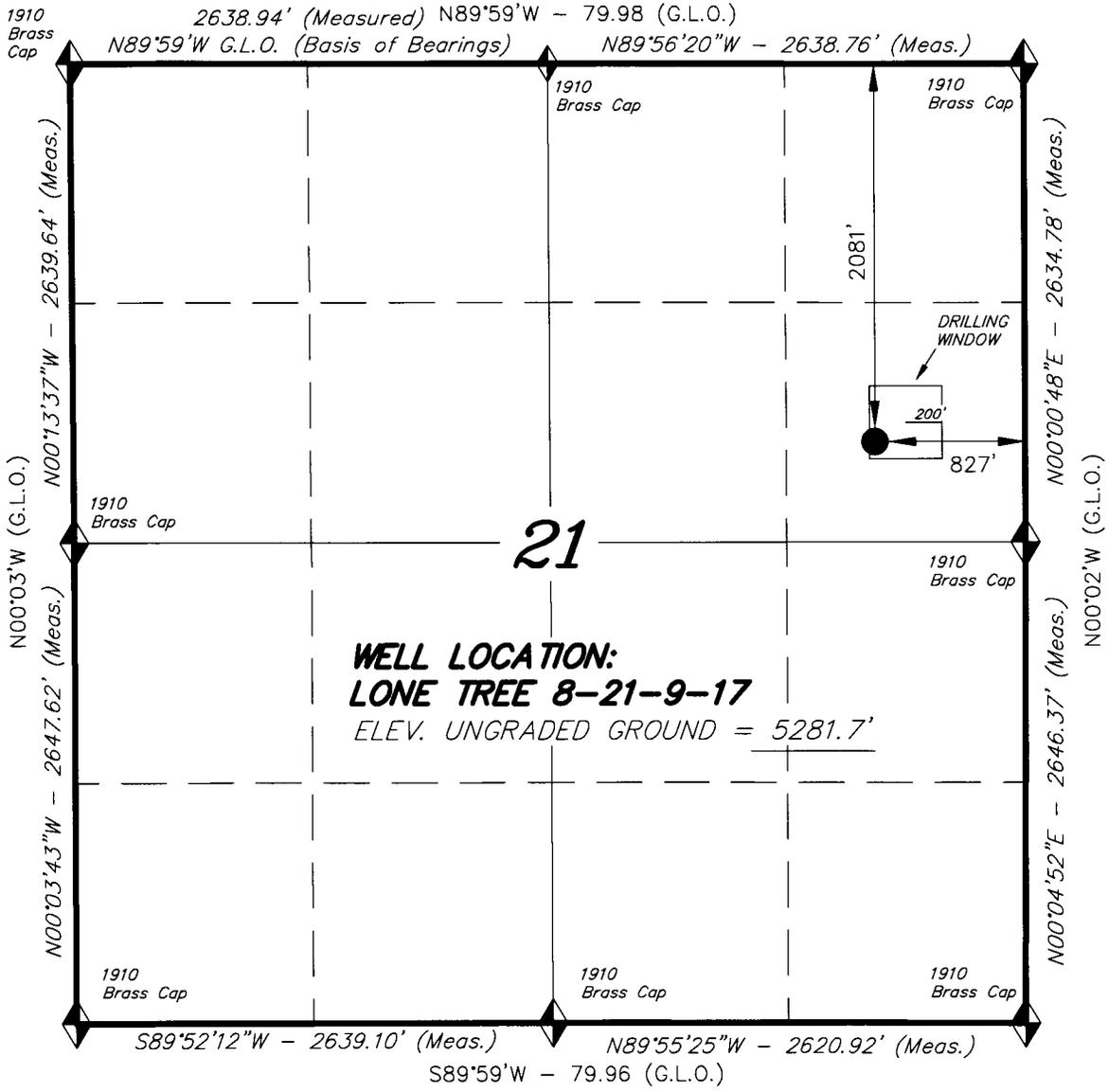
AUG 25 2006

**Federal Approval of this
Action Is Necessary**

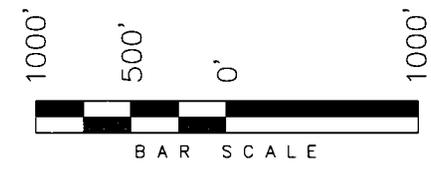
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, LONE TREE 8-21-9-17,
 LOCATED AS SHOWN IN THE SE 1/4 NE
 1/4 OF SECTION 21, T9S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED

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

LONE TREE 8-21-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 04.80"
 LONGITUDE = 110° 00' 18.50"

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 06-16-06	SURVEYED BY: C.M.
DATE DRAWN: 06-20-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #8-21-9-17
SE/NE SECTION 21, 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' – 1970'
Green River	1970'
Wasatch	5650'

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

Green River Formation 1970' – 5650' - 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 #8-21-9-17
SE/NE SECTION 21, 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 #8-21-9-17 located in the SE 1/4 NE 1/4 Section 21, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 11.7 miles ± to it's junction with an existing dirt road to the southwest; proceed southwesterly – 0.9 miles ± to it's junction with an existing road to the south; proceed southeasterly – 2.0 miles ± to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road – 0.4 miles ± 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, 6/2/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #8-21-9-17 Newfield Production Company requests 1970' 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 1970' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

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 #8-21-9-17 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

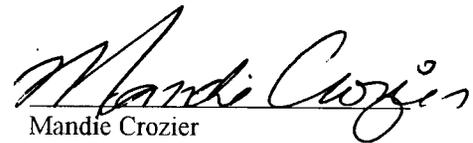
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-21-9-17 SE/NE Section 21, 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.

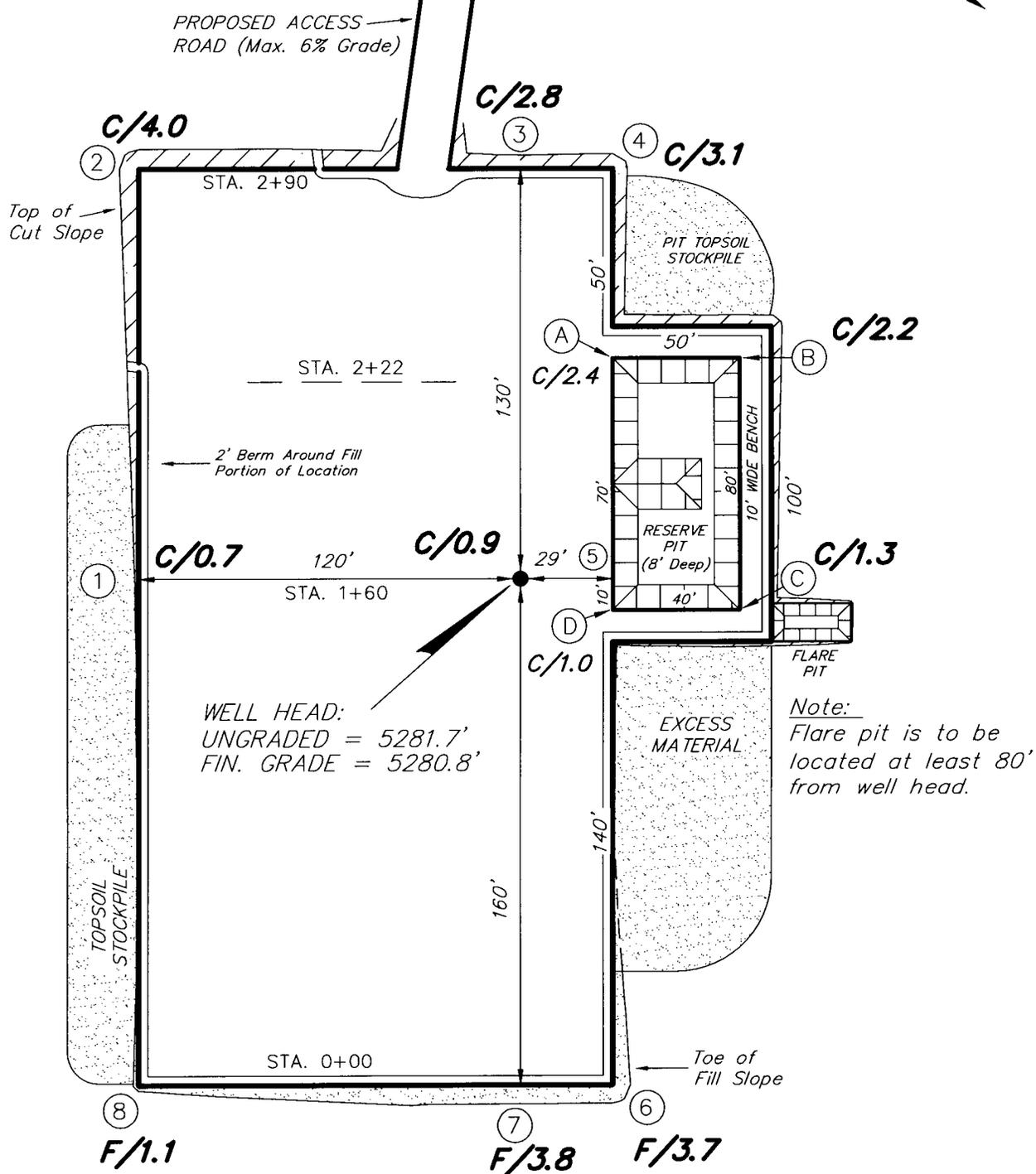
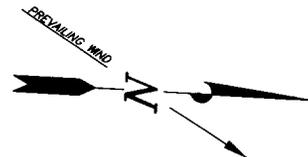
_____ 8/24/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

LONE TREE 8-21-9-17

Section 21, T9S, R17E, S.L.B.&M.



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

REFERENCE POINTS

- 210' EASTERLY = 5275.1'
- 260' EASTERLY = 5273.7'
- 170' SOUTHERLY = 5283.2'
- 220' SOUTHERLY = 5283.8'

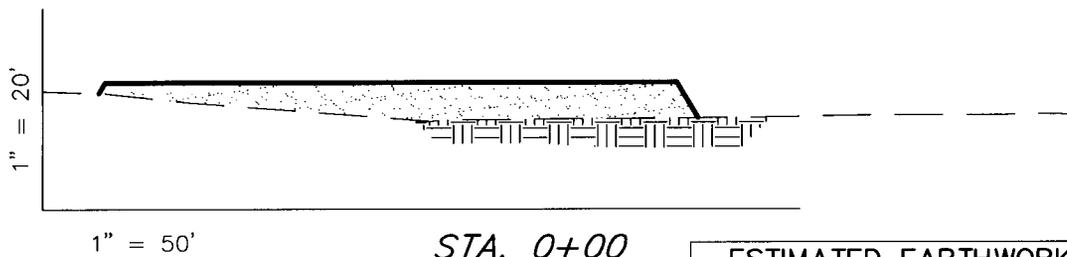
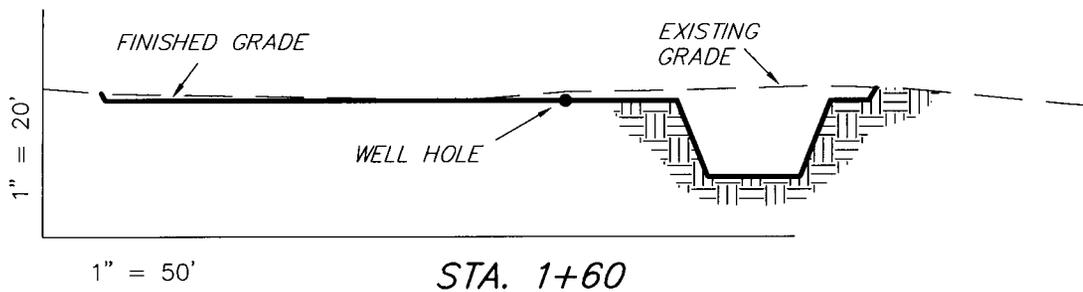
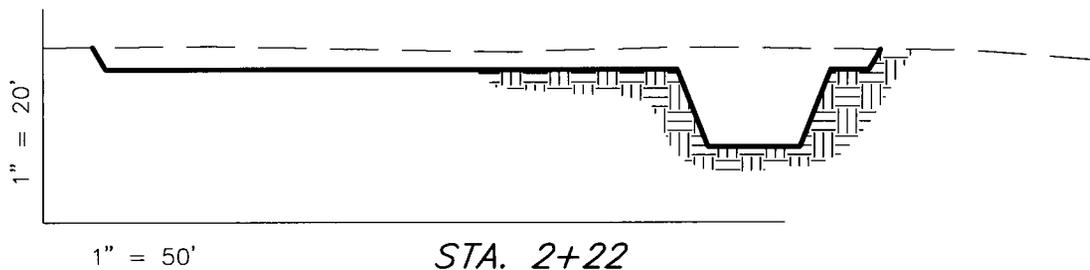
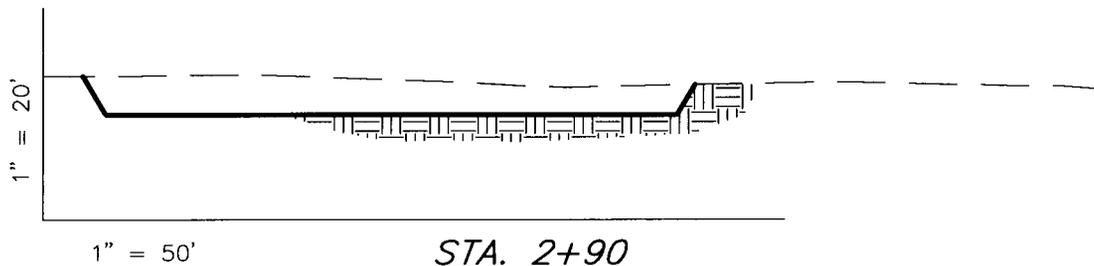
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 06-20-06

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

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE 8-21-9-17



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	1,460	1,460	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,100	1,460	960	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

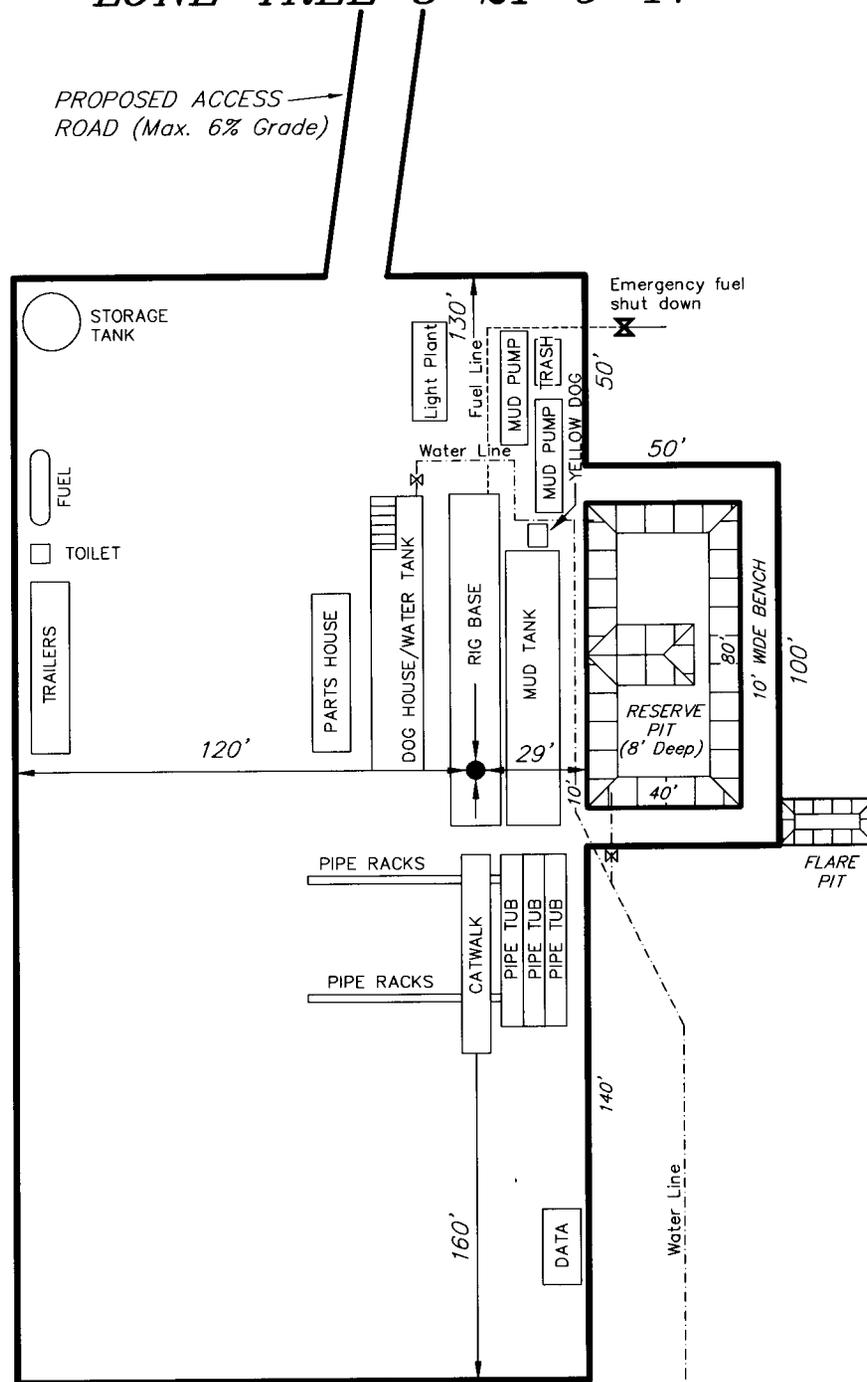
DATE: 06-20-06

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

NEWFIELD PRODUCTION COMPANY

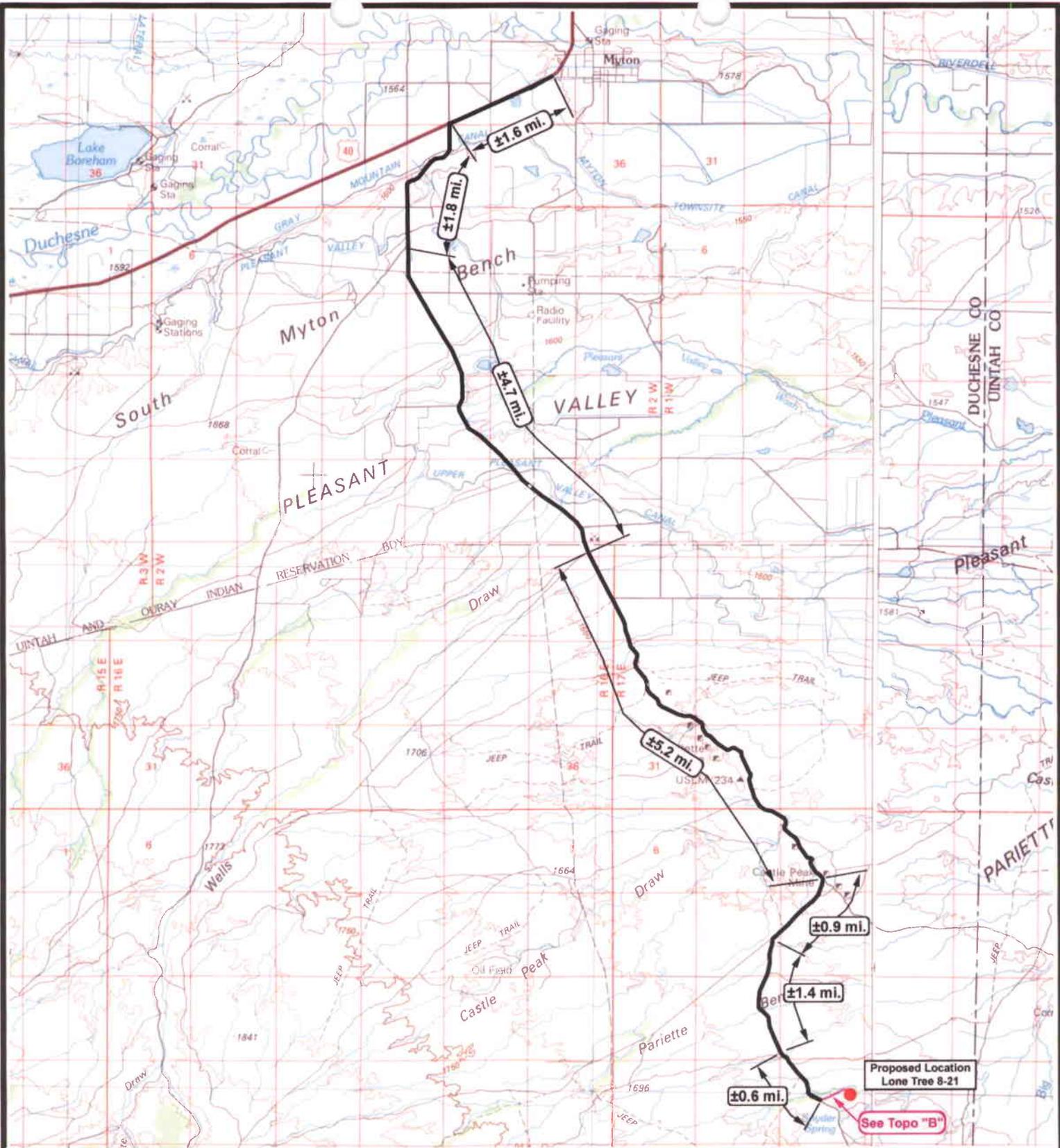
TYPICAL RIG LAYOUT

LONE TREE 8-21-9-17



SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: F.T.M.	DATE: 06-20-06	

(435) 781-2501




NEWFIELD
 Exploration Company

Lone Tree 8-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.




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

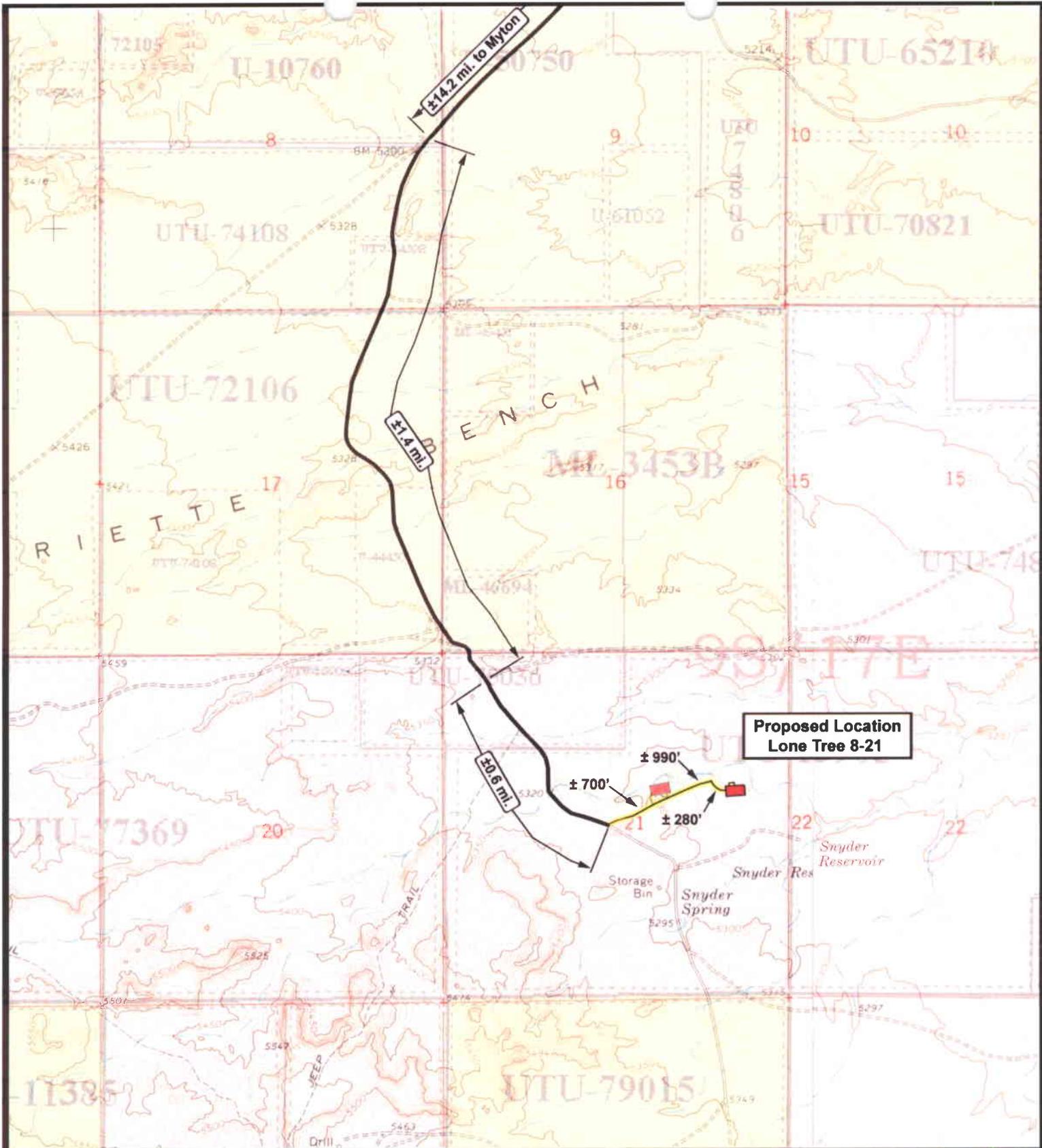
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 06-22-2006

Legend

 Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"



**Proposed Location
Lone Tree 8-21**

 **NEWFIELD**
Exploration Company

Lone Tree 8-21-9-17
SEC. 21, 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: 06-22-2006

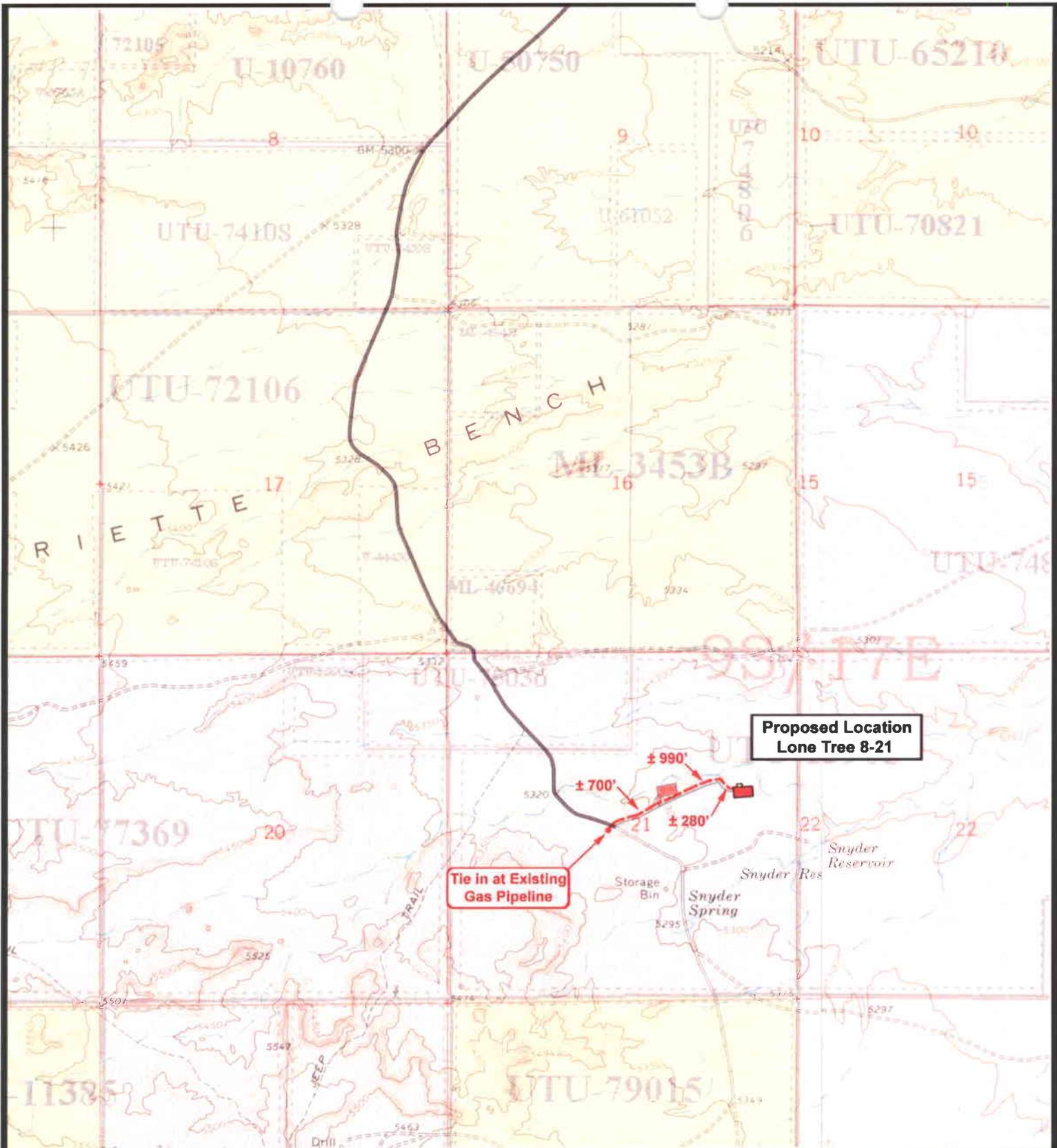
Legend

 Existing Road

 Proposed Access

TOPOGRAPHIC MAP

"B"



**Proposed Location
Lone Tree 8-21**

**Tie in at Existing
Gas Pipeline**

 **NEWFIELD**
Exploration Company

Lone Tree 8-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.




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Land Surveying Inc.
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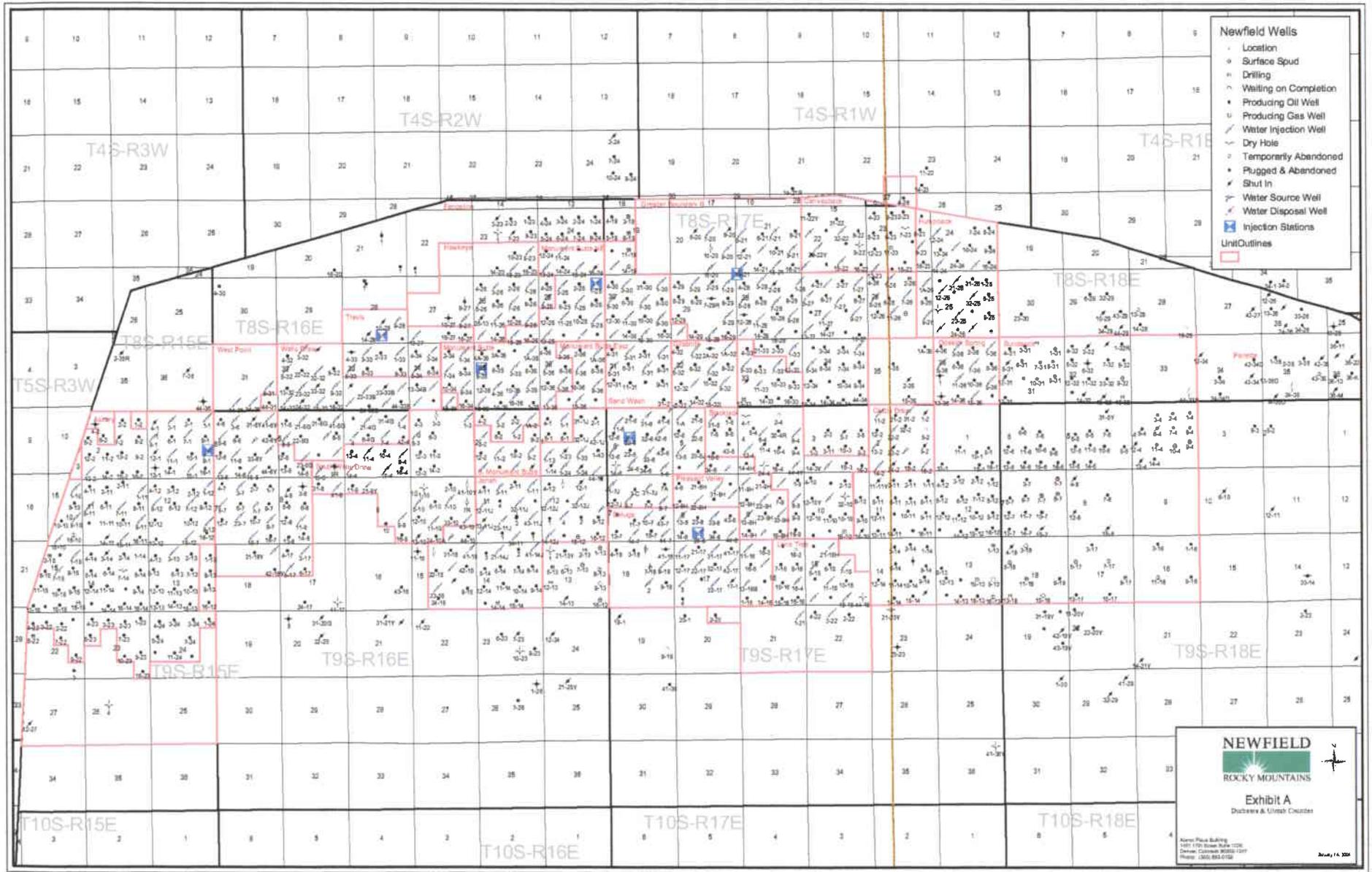
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DRAWN BY: mw
DATE: 06-22-2006

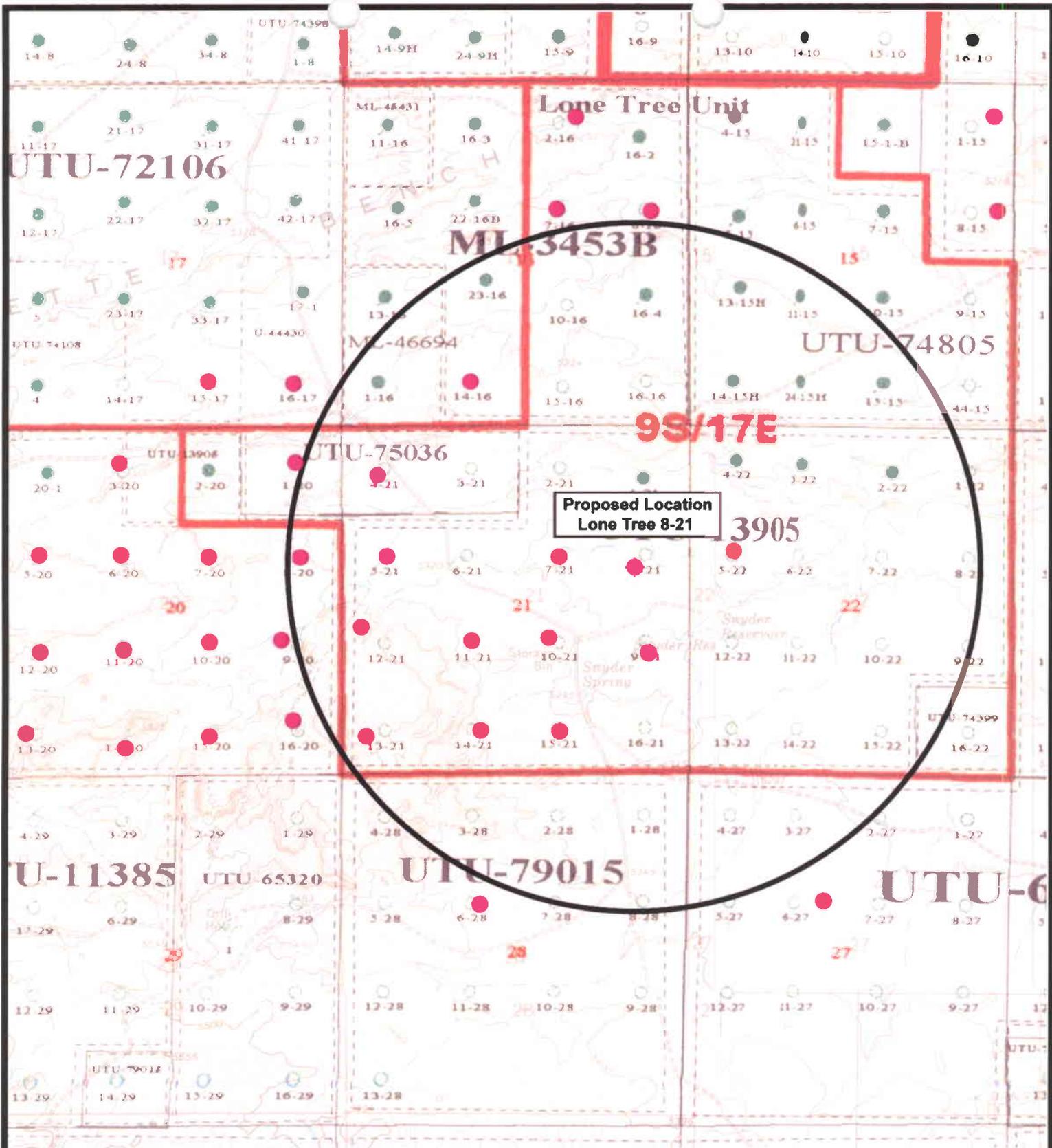
Legend

-  Roads
-  Proposed Gas Line

TOPOGRAPHIC MAP

"C"





Proposed Location
Lone Tree 8-21

3905

9S/17E



Lone Tree 8-21-9-17
SEC. 21, 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: 06-22-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

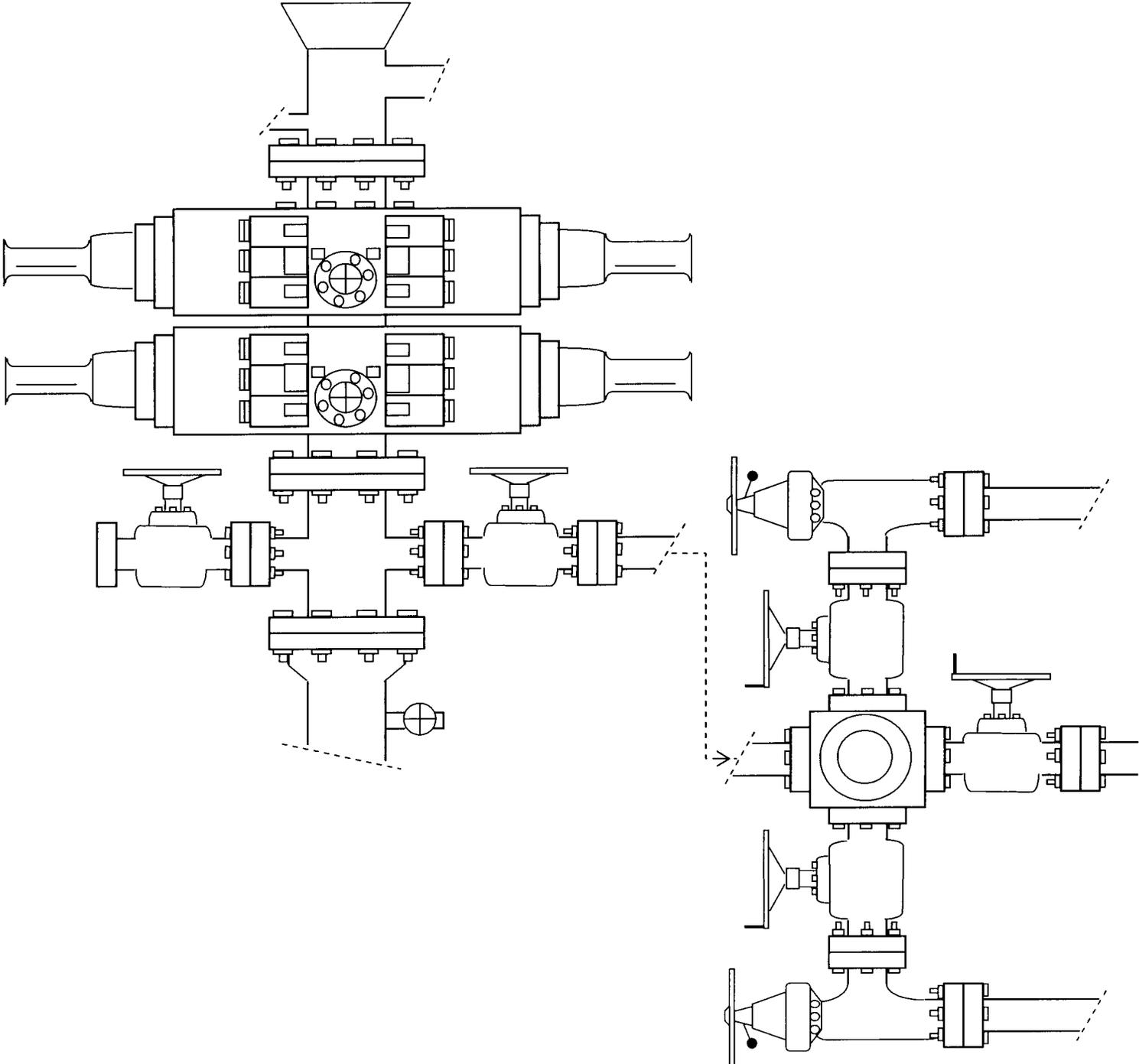


EXHIBIT C

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**

252

NEWFIELD PRODUCTION COMPANY

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

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4, SE 1/4; NW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 2, 2005

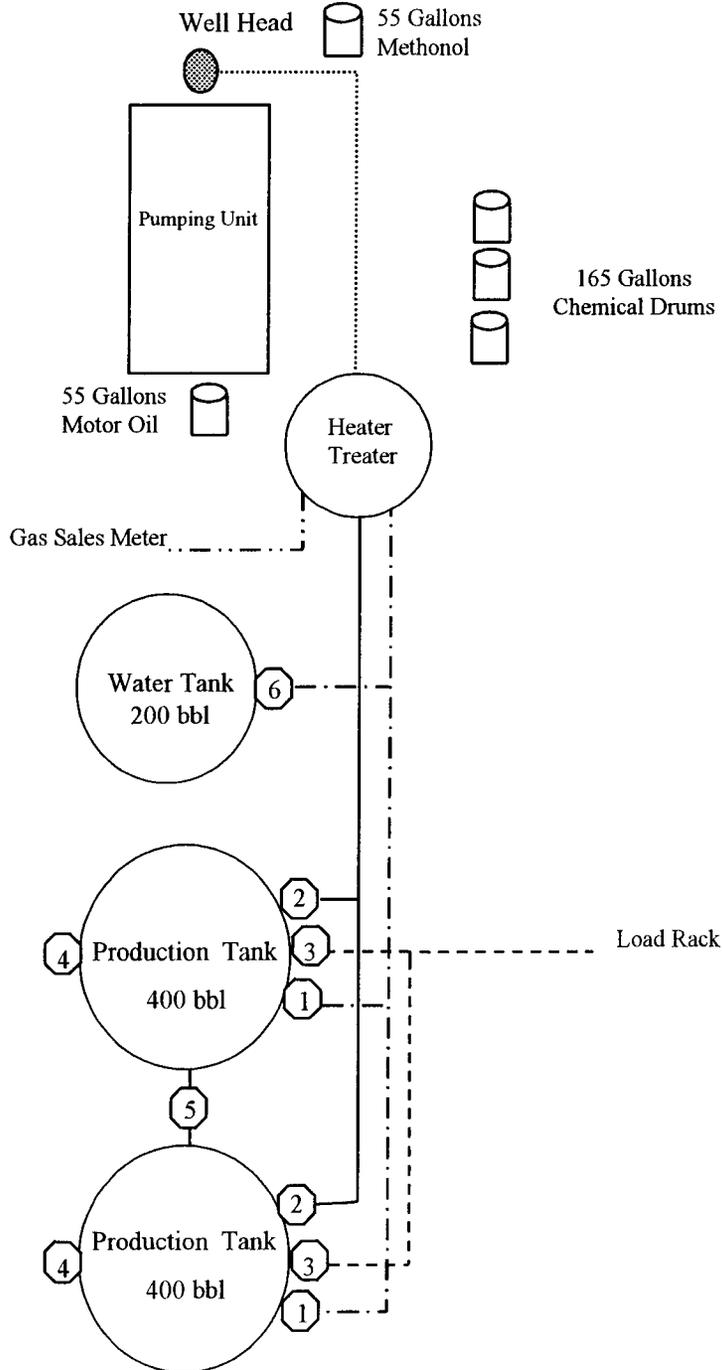
Newfield Production Company Proposed Site Facility Diagram

Lone Tree Federal 8-21-9-17

SE/NE Sec. 21, T9S, 17E

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



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/25/2006

API NO. ASSIGNED: 43-013-33287

WELL NAME: LONE TREE FED 8-21-9-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 21 090S 170E
 SURFACE: 2081 FNL 0827 FEL
 BOTTOM: 2081 FNL 0827 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.01812 LONGITUDE: -110.0043
 UTM SURF EASTINGS: 584974 NORTHINGS: 4430033
 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: 228.5
Eff Date: 8-26-1998
Siting: Sussex General Siting
- _____ R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1-lease approval

T9S R17E

LONE TREE FED
4-21-9-17

LONE TREE FED
3-21-9-17

LONE TREE FED
2-21-9-17

S PLEASANT VALLEY FED 1-21

LONE TREE FED
5-21-9-17

LONE TREE FED
6-21-9-17

LONE TREE FED
7-21-9-17

LONE TREE FED
8-21-9-17

21

LONE TREE FED
12-21-9-17

NGC FEDERAL
33-21-H

LONE TREE FED
11-21-9-17

LONE TREE FED
9-21-9-17

MONUMENT BUTTE FIELD LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

LONE TREE FED
16-21-9-17

LONE TREE FED
13-21-9-17

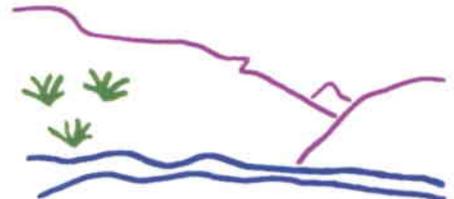
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH

CAUSE: 228-5 / 8-26-1998



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 29-AUGUST-2006

- 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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 29, 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)		
43-013-33281	Lone Tree Fed	2-21-9-17 Sec 21 T09S R17E 0578 FNL 1943 FEL
43-013-33282	Lone Tree Fed	16-21-9-17 Sec 21 T09S R17E 0683 FSL 0668 FEL
43-013-33283	Lone Tree Fed	13-21-9-17 Sec 21 T09S R17E 0556 FSL 0415 FWL
43-013-33284	Lone Tree Fed	12-21-9-17 Sec 21 T09S R17E 2232 FSL 0252 FWL
43-013-33285	Lone Tree Fed	11-21-9-17 Sec 21 T09S R17E 1911 FSL 2156 FWL
43-013-33286	Lone Tree Fed	9-21-9-17 Sec 21 T09S R17E 1809 FSL 0560 FEL
43-013-33287	Lone Tree Fed	8-21-9-17 Sec 21 T09S R17E 2081 FNL 0827 FEL
43-013-33288	Lone Tree Fed	7-21-9-17 Sec 21 T09S R17E 2132 FNL 1941 FEL
43-013-33289	Lone Tree Fed	6-21-9-17 Sec 21 T09S R17E 1832 FNL 2002 FWL
43-013-33290	Lone Tree Fed	5-21-9-17 Sec 21 T09S R17E 1975 FNL 0658 FWL
43-013-33291	Lone Tree Fed	4-21-9-17 Sec 21 T09S R17E 0701 FNL 0557 FWL
43-013-33292	Lone Tree Fed	3-21-9-17 Sec 21 T09S R17E 0799 FNL 1965 FWL

Our records indicate the 13-21-9-17 and the 12-21-9-17 are 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

August 29, 2006

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

Re: Lone Tree Federal 8-21-9-17 Well, 2081' FNL, 827' FEL, SE NE, Sec. 21,
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 43-013-33287.

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 8-21-9-17

API Number: 43-013-33287

Lease: UTU-13905

Location: SE NE **Sec.** 21 **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.

RECEIVED

AUG 25 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

5. Lease Serial No.
UTU-13905

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

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

8. Lease Name and Well No.
Lone Tree Federal 8-21-9-17

9. API Well No.
43-013-33287

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Bk. and Survey or Area
SE/NE Sec. 21, T9S R17E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/NE 2081' FNL 827' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 16.6 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2081' f/ise, 3199' f/unit

16. No. of Acres in lease
1200.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1165'

19. Proposed Depth
5650'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5282' GL

22. Approximate date work will start*
4th Quarter 2006

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

24. Attachments

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

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

25. Signature *Mandie Crozier*
Name (Printed/Typed) Mandie Crozier
Date 8/23/06
Title Regulatory Specialist

Approved by (Signature) *Jerry Kewczka*
Name (Printed/Typed) JERRY KEWCZKA
Date 3-30-2007
Title Assistant Field Manager
Office VERNAL FIELD OFFICE
Lands & Mineral Resources

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

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on reverse)

RECEIVED

APR 09 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

07CX50054A

NoNOS



**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 8-21-9-17
API No: 43-013-33287

Location: SENE, Sec. 21, 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.

LEASE STIPULATIONS AND NOTICES:

1. There is a newly discovered Ferruginous Hawk nest in a tree (Lone Tree) within approximately ¼ miles E of the proposed location and is line-of-site. With this occurrence there will be a time restriction to protect Ferruginous Hawk nesting from March 1 – July 15.
 - **Follow-up Actions and/or Recommendations: There is a newly discovered Ferruginous Hawk nest in a tree (Lone Tree) within approximately ¼ miles E of the proposed location and is line-of-site. Because the nest has been inactive for two or more years, construction and drilling may begin outside the timing restriction. Should the hawk rebuild the nest and is then active again, the operator will stop construction and notify a BLM biologist.**
- Lease Notices (field review and RMP):
 1. 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 and/or their habitat from surface disturbing 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 shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

CONDITIONS OF APPROVAL:

- 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.
 - **Interim Reclamation:**
 - Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, and the reserve pit is closed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.
 - The interim seed mix for this location shall be:

Crested wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 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.

- Certified weed free seed and straw shall be used for final and interim and reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
 - 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 re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - There shall be no primary or secondary weeds in the seed mixture.
 - The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and the stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
 - The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixtures shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in the fall.
-
- The operator will be responsible for treatment and control of invasive and noxious weeds.
 - Once the location is plugged and abandoned, it shall be recontoured to natural topography, 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 reclamation bullet statement above. If reclamation seeding shall 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 8-21-9-17

9. API Well No.

43-013-33287

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)

2081 FNL 827 FEL SE/NE Section 21, T9S R17E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/29/06 (expiration 8/29/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-14-07
By: [Signature]

8-15-07
pm



AUG 14 2007

DN: C=US, O=BLM

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

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

8/10/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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

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

API: 43-013-33287
Well Name: Lone Tree Federal 8-21-9-17
Location: SE/NE Section 21, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 8/29/2006

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 NA

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

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

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

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

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

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

Mandi Cosji
Signature

8/10/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

AUG 14 2007

DIRECTOR, OIL, GAS & MINES

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 8-21-9-17

Api No: 43-013-33287 Lease Type: FEDERAL

Section 21 Township 09S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 09/15/07

Time 10:00 PM

How DRY

Drilling will Commence: _____

Reported by JOHNNT DAVIS

Telephone # (435) 823-3610

Date 09/17/07 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16365	4301333001	FEDERAL 15-18-9-16	SWSE	18	9S	16E	DUCHESNE	9/14/2007	9/25/07
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	12417	4301333287	LONE TREE FED 8-21-9-17	SENE	21	9S	17E	DUCHESNE	9/15/2007	9/25/07
WELL 2 COMMENTS: <i>GRUV</i>											
B	99999	12417	4301333288	LONE TREE FED 7-21-9-17	SWNE	21	9S	17E	DUCHESNE	9/17/2007	9/25/07
WELL 3 COMMENTS: <i>GRUV</i>											
A	99999	16366	4301333701	HANCOCK 4-20-4-1	NWNW	20	4S	1E	DUCHESNE	9/18/2007	9/25/07
WELL 4 COMMENTS: <i>GRUV</i>											
WELL 5 COMMENTS:											
WELL 5 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 - other (explain in comments section)

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

RECEIVED
 SEP 20 2007
 DIV. OF OIL, GAS & MINING

Jenri Park
 Signature
 Production Clerk
 Date 09/20/07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2081 FNL 827 FEL
SENE Section 21 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 8-21-9-17

9. API Well No.
4301333287

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)
Mandie Crozier
Signature *Mandie Crozier*

Title
Regulatory Specialist
Date
10/19/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

**RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING**

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

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:
LONE TREE UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
LONE TREE FEDERAL 8-21-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333287

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: 2081 FNL 827 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 21, T9S, R17E

STATE: UT

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

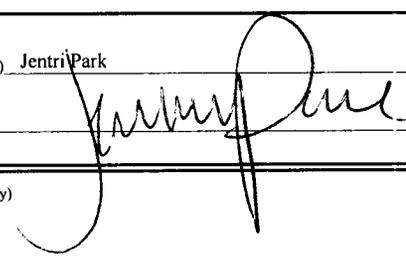
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>11/07/2007</u>	<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 subject well was completed on 10/18/07. attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 11/07/2007

(This space for State use only)

RECEIVED

NOV 16 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

LONETREE 8-21-9-17**8/1/2007 To 12/30/2007****10/12/2007 Day: 1****Completion**

Rigless on 10/11/2007 - 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 @ 5543' & cement top @ 240'. Perforate stage #1. CP4 sds @ 5262- 80' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. 133 BWTR. SIFN.

10/16/2007 Day: 2**Completion**

Rigless on 10/15/2007 - Stage #1 CP4 sds. RU BJ Services. 0 psi on well. Frac CP4 sds w/ 94,251#'s of 20/40 sand in 724 bbls of Lightning 17 fluid. Broke @ 2753 psi. Treated w/ ave pressure of 2035 psi w/ ave rate of 23.1 BPM. ISIP 2171 psi. Leave pressure on well. 857 BWTR. Stage #2 CP1 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5210'. Perforate CP1 sds @ 5096-5108' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 1800 psi on well. Frac CP1 sds w/ 50,108#'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 3622 psi. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.1 BPM. ISIP 2156 psi. Leave pressure on well. 1317 BWTR. Stage #3 LODC sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 13' perf gun. Set plug @ 4920'. Perforate LODC sds @ 4806-19' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 52 shots. RU BJ Services. 1890 psi on well. Frac LODC sds w/ 44,559#'s of 20/40 sand in 430 bbls of Lightning 17 fluid. Broke @ 3476 psi. Treated w/ ave pressure of 2040 psi w/ ave rate of 23.1 BPM. ISIP 2005 psi. Leave pressure on well. 1747 BWTR. Stage #4 A1 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Set plug @ 4750'. Perforate A1 sds @ 4638-52' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 56 shots. RU BJ Services. 1795 psi on well. Frac A1 sds w/ 79,212#'s of 20/40 sand in 611 bbls of Lightning 17 fluid. Broke @ 1856 psi. Treated w/ ave pressure of 1538 psi w/ ave rate of 23.1 BPM. ISIP 1707 psi. Leave pressure on well. 2358 BWTR. Stage #5 D2 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 11' perf gun. Set plug @ 4420'. Perforate D2 sds @ 4304-15' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 44 shots. RU BJ Services. 1470 psi on well. Frac D2 sds w/ 56,937#'s of 20/40 sand in 495 bbls of Lightning 17 fluid. Broke @ 1680 psi. Treated w/ ave pressure of 1788 psi w/ ave rate of 23.1 BPM. ISIP 2047 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 9 hrs. & died. Small show of gas. No sign of oil. Recovered 450 bbls water. SWIFN.

10/17/2007 Day: 3**Completion**

Western #2 on 10/16/2007 - MIRU Western #2. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. (tallying & drifting tbg.). Tag CBP @ 4420'. RU powerswivel & pump. DU CBP in 11 min. Cont. RIH w/ tbg. Tag 4738'. C/O to CBP @ 4750'. DU CBP in 19 min. Cont. RIH w/ tbg. Tag @ 4912'. C/O to CBP @ 4920'. DU CBP in 22 min. Circulate well clean. SWIFN.

10/18/2007 Day: 4**Completion**

Western #2 on 10/17/2007 - Bleed off well. RIH w/ tbg. Tag CBP @ 5210'. DU CBP in 23 min. Cont. RIH w/ tbg. Tag @ 5391'. C/O to PBTB 5583'. Circulate well clean. Pull up to 5929'. RIH w/ swab. SFL @ surface. Made 15 runs. Recovered 142 bbls. Trace of oil. EFL @ 1800'. RIH w/ tbg. Tag PBTB @ 5583'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg., 5 1/2" TAC & 40 jts 2 7/8" tbg. SWIFN.

10/19/2007 Day: 5**Completion**

Western #2 on 10/18/2007 - Bleed off well. Cont. RIH w/ production tbg. as shown below. ND BOP. Set TAC @ 5225' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 20' x 20.5' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 85- 3/4" slick rods, 98- 3/4" guided rods, 1- 8', 6', 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Stroke test to 800 psi. Adjust tag. RD. Put well on production @ 3:00 p.m. 5 spm, 102" stroke length. 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**

5. LEASE DESIGNATION AND SERIAL NO.

UTU-13905

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME

Lone Tree Federal

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

Lone Tree Federal 8-21-9-17

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33287

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface **2081' FNL & 827' FEL (SE/NE) Sec. 21, T9S, R17E**

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

Sec. 21, T9S, R17E

At top prod. Interval reported below

At total depth

14. API NO. **43-013-33287** DATE ISSUED **08/29/07**

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

15. DATE SPUN
09/15/07

16. DATE T.D. REACHED
09/25/07

17. DATE COMPL. (Ready to prod.)
10/18/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5282' GL

5294' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
5625'

21. PLUG BACK T.D., MD & TVD
5583'

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 4304'-5280'

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#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5624'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5354'	TA @ 5226'

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4) 5262'-5280'	.49"	4/72	5262'-5280'	Frac w/ 94,251# 20/40 sand in 724 bbls fluid
(CP1) 5096'-5108'	.369"	4/48	5096'-5108'	Frac w/ 50,108# 20/40 sand in 460 bbls fluid
(LODC) 4806'-4819'	.369"	4/52	4806'-4819'	Frac w/ 44,559# 20/40 sand in 430 bbls fluid
(A1) 4638'-4652'	.369"	4/56	4638'-4652'	Frac w/ 79,212# 20/40 sand in 611 bbls fluid
(D2) 4304'-4315'	.369"	4/44	4304'-4315'	Frac w/ 56,937# 20/40 sand in 495 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 10/18/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 20' x 20.5' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 89	GAS--MCF. 24	WATER--BBL. 15	GAS-OIL RATIO 270
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

RECEIVED

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY
NOV 16 2007

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED *Jentri Park* TITLE Production Clerk

DATE 11/15/2007

JP

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
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 8-21-9-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013332870000	
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: 2081 FNL 0827 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 21 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: 9/12/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 09/12/2014. Initial MIT on the above listed well. On 09/12/2014 the casing was pressured up to 1233 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10637</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 23, 2014</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/16/2014	

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: 9 12 14
 Test conducted by: Tracy Mass
 Others present: _____

Well Name: <u>Lone Tree Federal 8-21-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Movement Butte</u>		
Location: <u>8</u> Sec: <u>21</u> T <u>9</u> N <u>10</u> R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>Utah</u>
Operator: <u>Newfield Production Company</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: 0/150 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>150</u> psig	psig	psig
End of test pressure	<u>150</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1232</u> psig	psig	psig
5 minutes	<u>1233</u> psig	psig	psig
10 minutes	<u>1233</u> psig	psig	psig
15 minutes	<u>1233</u> psig	psig	psig
20 minutes	<u>1233</u> psig	psig	psig
25 minutes	<u>1233</u> psig	psig	psig
30 minutes	<u>1233</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

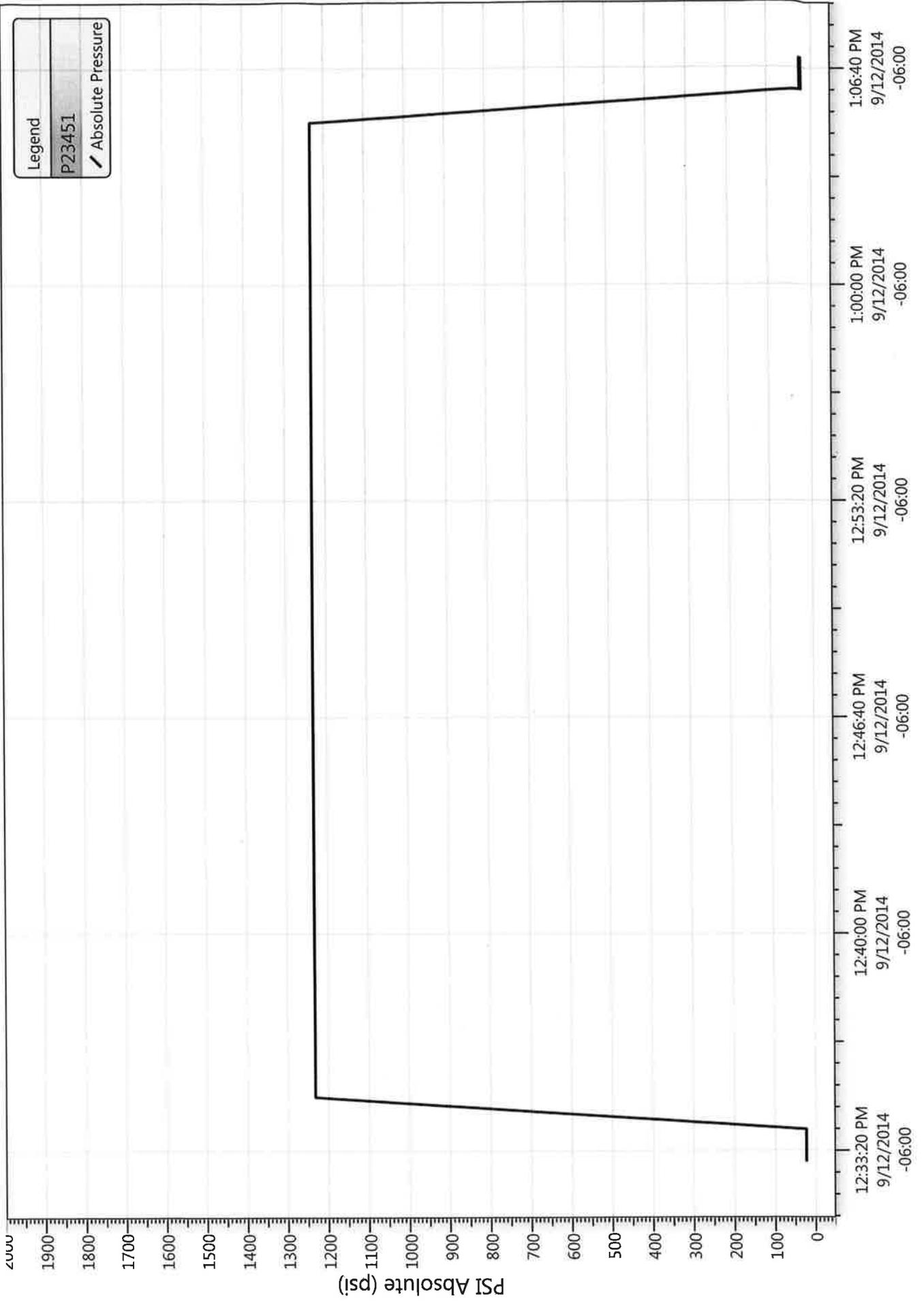
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

8-21-9-17 conversion MIT

9/12/2014 12:32:44 PM





Job Detail Summary Report

Well Name: Lonetree 8-21-9-17

Primary Job Type Conversion	Job Start Date 9/9/2014	Job End Date 9/12/2014
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
9/9/2014	9/9/2014	MIRU	09:00	10:00	Road rig to location
			10:00	18:00	MIRUSU. Pump 40 bbls fresh water @ 250 down csg. Unseat rod pump. Flush tbg & rods w/ 30 bbls fresh water @ 250. Soft seat rod pump. Fill tbg w/ 10 bbls water & pressure test tbg to 3000 psi. Good test. TOH w/ 101- 3/4 4per. Flush tbg & rods w/ 20 bbls fresh water @ 250. Cont. TOH w/ 78- 3/4 slick, 25- 3/4 4per, 6- wt bars & rod pump. X-over to rod eq. ND wellhead. NU BOP's. RD rig floor. TA was not set. SDFD
			18:00	18:30	Comment c/travel.
24hr Activity Summary					
9/10/2014	9/10/2014	Breaking and Doping collars	05:30	06:00	Comment c/travel.
			06:00	07:00	Safety meeting.
			07:00	18:00	Comment Bleed off well. TOH w/ 70- jts 2 7/8 tbg breaking collars & applying liquid teflon dope. Flush tbg w/ 20 bbls fresh water @ 250. Cont. TOH w/ 67-jts 2 7/8 tbg breaking collars & applying liquid teflon dope. LD 38- jts 2 7/8 tbg, SN, TA & NC. TIH w/ 2 3/8 guide collar, 2 3/8 x/n nipple, 2 3/8 tbg sub, x/o, Stack'd 5 1/2 arrow-set packer, 2 7/8 on/off tool, 2 7/8 sn & 137- jts 2 7/8 tbg. CE @ 4244.77'. Pump 10 bbls fresh water pad & drop STD valve. Fill tbg w/ 25 bbls fresh water & pressure test tbg to 3000 psi. Pressure dropped to 2450 psi. Pressure tbg back up tp 3000 psi. Left pressure on over night. SDFD
			18:00	18:30	Comment c/travel
24hr Activity Summary					
9/11/2014	9/11/2014	Pressure test tbg & csg	05:30	06:00	Comment c/travel
			06:00	07:00	ty meeting
			07:00	18:30	Comment . Pressure was 2860 psi. Pressure dropped to 2820 psi. Pressure held for 1 hr @ 2820 psi. Good test. RIH w/ sandline & fish tool to retrieve STD valve. RD rig floor, ND BOP's, NU wellhead. Pump 60 bbls fresh water mixed w/ packer fluid. Set packer w/ 15000 tension w/ CE @ 4244.77'. ND wellhead & NU injection tree. Fill csg w/ bbls fresh water mixed w/ packer fluid. Pressure test csg to 1500 psi. Pressure dropped 60 psi in 15 min consistently for 3 hrs. Pressure slowed down to 10 psi in 15 min. Pressured csg back up to 1500 psi. Psr Falling @ .6 & .3psi Per Min, SWI
			18:30	19:00	Comment C/TVI
24hr Activity Summary					
9/12/2014	9/12/2014	Psr Tst & MIT Csg, R/D & M/O, Move NC#3 To Drilling Yard & Install Twin Stop Crown Saver Device. Conduct MIT.	05:30	06:00	Comment C/TVI



Job Detail Summary Report

Well Name: Lonetree 8-21-9-17

Start Time	End Time	Comment
06:00	11:00	<p>Check Psr On Well, Well @ 1350psi, Call For MIT Hand, Wait On MIT Hand, R/U MIT Hand & Psr Tst Well, Well Held Psr For One Hour, Good Tst, Initial MIT on the above listed well. On 09/12/2014 the casing was pressured up to 1233 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test.</p> <p>EPA# UT22197-10637 R/D & M/O NC#3 @10:00AM, Move Rig to Yard To Install Bear Twin Stop Crown Saver</p>



Schematic

Well Name: Lonetree 8-21-9-17

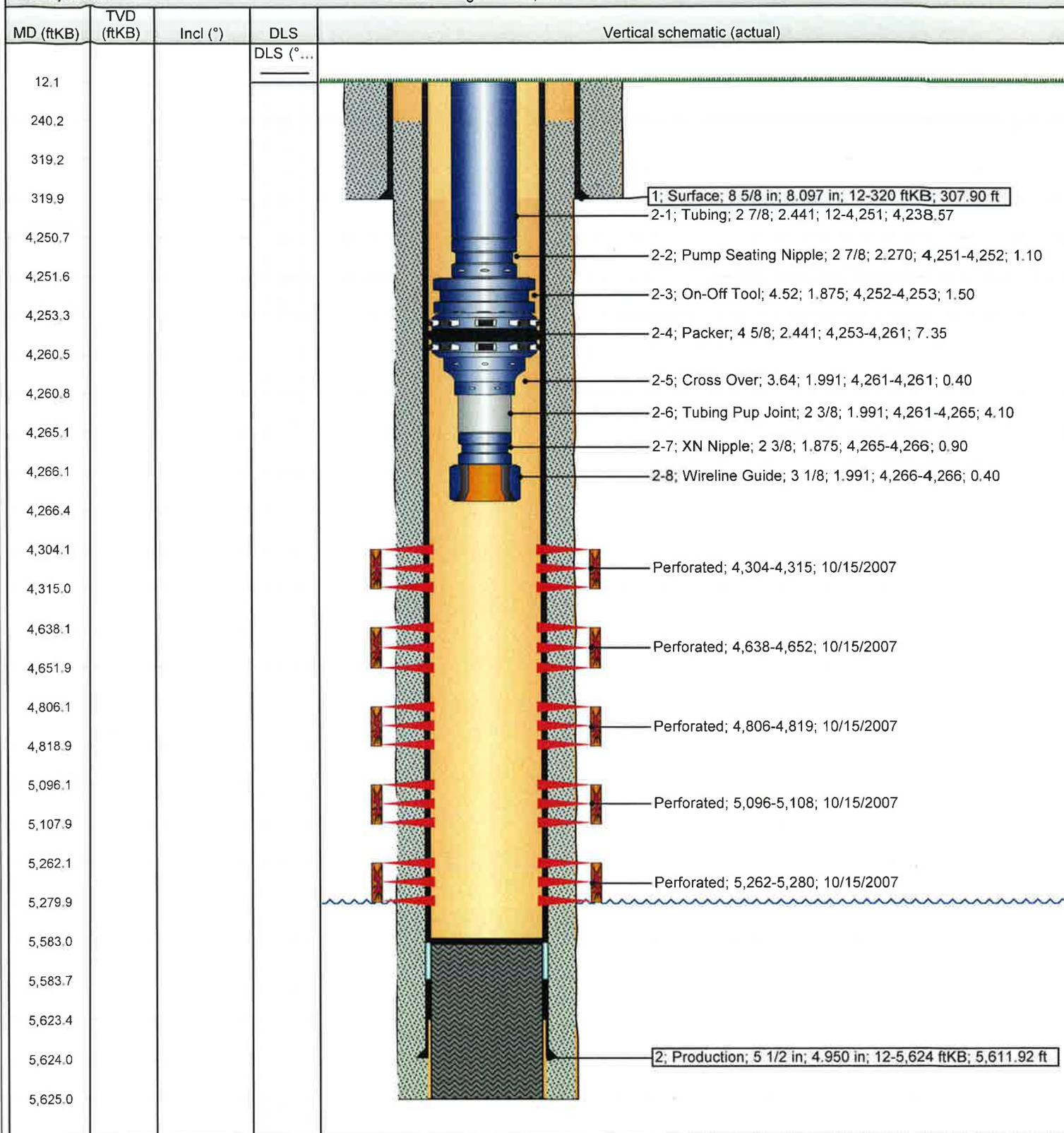
Surface Legal Location 21-9S-17E		API/UWI 43013332870000	Well RC 500159369	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 10/18/2007	Original KB Elevation (ft) 5,294	Ground Elevation (ft) 5,282	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,583.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 9/9/2014	Job End Date 9/12/2014
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TD: 5,625.0

Vertical - Original Hole, 9/16/2014 8:15:58 AM



NEWFIELD

Newfield Wellbore Diagram Data Lonetree 8-21-9-17



Surface Legal Location 21-9S-17E		API/UWI 43013332870000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 9/15/2007		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,294		Ground Elevation (ft) 5,282		Total Depth (ftKB) 5,625.0	
				Total Depth All (TVD) (ftKB)	
				PBD (All) (ftKB) Original Hole - 5,583.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/15/2007	8 5/8	8.097	24.00	J-55	320
Production	9/26/2007	5 1/2	4.950	15.50	J-55	5,624

Cement**String: Surface, 320ftKB 9/18/2007**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,624ftKB 9/26/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 240.0	Bottom Depth (ftKB) 5,625.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3% KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PREMLITE	Estimated Top (ftKB) 240.0
Fluid Description 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed	Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing		9/9/2014		4,266.3				
Tubing	137	2 7/8	2.441	6.50	J-55	4,238.57	12.0	4,250.6
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,250.6	4,251.7
On-Off Tool	1	4.515	1.875			1.50	4,251.7	4,253.2
Packer	1	4 5/8	2.441			7.35	4,253.2	4,260.5
Cross Over	1	3.635	1.991			0.40	4,260.5	4,260.9
Tubing Pup Joint	1	2 3/8	1.991			4.10	4,260.9	4,265.0
XN Nipple	1	2 3/8	1.875			0.90	4,265.0	4,265.9
Wireline Guide	1	3 1/8	1.991			0.40	4,265.9	4,266.3

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
5	C, Original Hole	4,304	4,315	4			10/15/2007
4	A1, Original Hole	4,638	4,652	4			10/15/2007
3	LODC, Original Hole	4,806	4,819	4			10/15/2007
2	CP1, Original Hole	5,096	5,108	4			10/15/2007
1	CP4, Original Hole	5,262	5,280	4			10/15/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,171	0.85	23.4	2,180			
5	2,047	0.91	23.2	1,980			
3	2,005	0.85	23.2	2,470			
2	2,156	0.86	23.2	2,250			
4	1,707	0.8	23.2	1,863			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 94251 lb
5		Proppant White Sand 50108 lb
3		Proppant White Sand 44559 lb
2		Proppant White Sand 79212 lb
4		Proppant White Sand 56937 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: LONE TREE FED 8-21-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013332870000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2081 FNL 0827 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 21 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/17/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 9:15 AM on
10/17/2014. EPA # UT22197-10637

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 21, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/21/2014	