

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-13905	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. Lone Tree	
8. Lease Name and Well No. Lone Tree Federal H-22-9-17	
9. API Well No. 43013-34158	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
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	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 22, T9S R17E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	14. Distance in miles and direction from nearest town or post office* Approximately 16.7 miles southeast of Myton, UT
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NW 1863' FNL 2098' FWL At proposed prod. zone ^{NW/NE} 1295' FNL 2517' FEL	15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1295' f/lse, 2517' f/unit (Also to nearest drig. unit line, if any)
16. No. of acres in lease 1,200.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1309'	19. Proposed Depth 5,680'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5251' GL
22. Approximate date work will start* 12-22-08	23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 12/04/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-08
Title Office ENVIRONMENTAL MANAGER		

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

(Continued on page 2)

Federal Approval of this Action is Necessary

*(Instructions on page 2)

Surf

BHL

RECEIVED
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DIV. OF OIL, GAS, & MINING

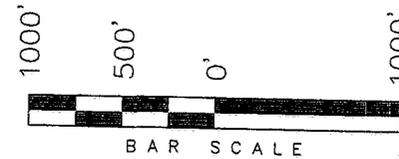
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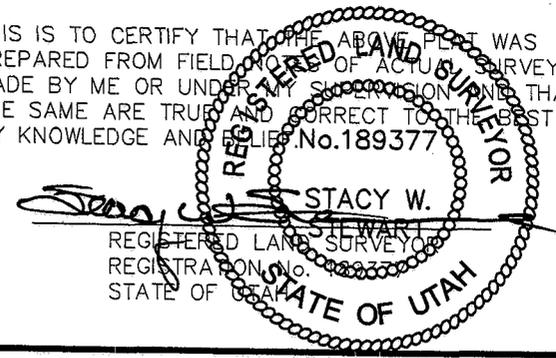
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

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



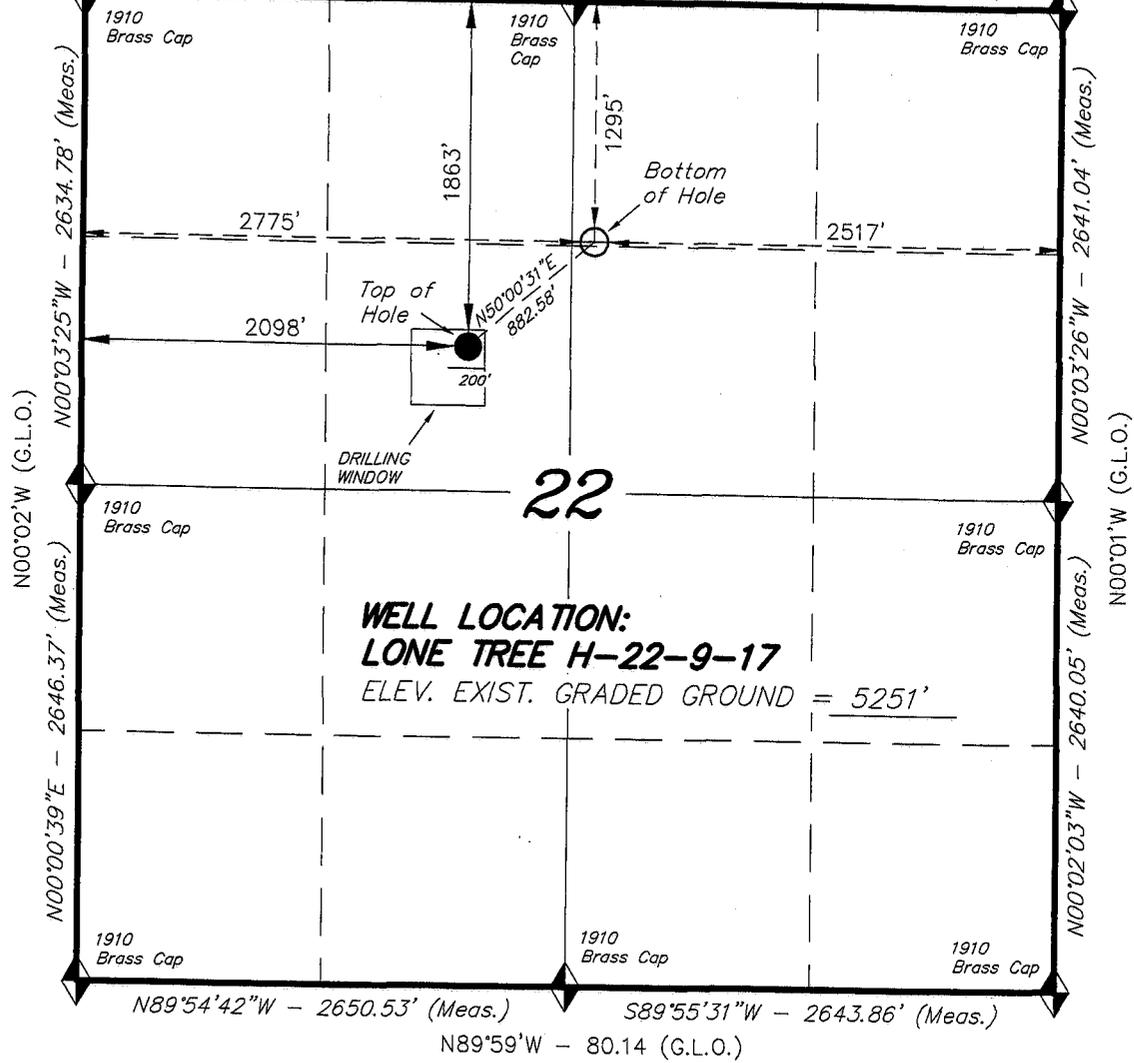
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



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

DATE SURVEYED: 10-10-08	SURVEYED BY: T.C.
DATE DRAWN: 10-14-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

2653.96' (Measured) N89°57'W - 80.20 (G.L.O.)
N89°57'W G.L.O. (Basis of Bearings) S89°57'54"W - 2638.32' (Meas.)



◆ = SECTION CORNERS LOCATED

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

LONE TREE H-22-9-17
(Surface Location) NAD 83
LATITUDE = 40° 01' 06.87"
LONGITUDE = 109° 59' 40.87"

NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL H-22-9-17
AT SURFACE: SE/NW 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' – 1123'
Green River	1123'
Wasatch	5680'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:
Green River Formation 1123' – 5680' - 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 H-22-9-17
AT SURFACE: SE/NW 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 H-22-9-17 located in the SE 1/4 NW 1/4 Section 22, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.5 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 dirt road to the south; proceed southeasterly - 2.0 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.9 miles \pm to it's junction with the beginning of the access road to the existing Lone Tree Federal 6-22-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Lone Tree Federal 6-22-9-17 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Lone Tree Federal 6-22-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Lone Tree Federal H-22-9-17. 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

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Lone Tree Federal H-22-9-17 will be drilled off of the existing Lone Tree Federal 6-22-9-17 well pad. No additional surface disturbance will be required for this location.

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. AERC Project #1592, 12/29/97. Paleontological Resource Survey prepared by, Wade E. Miller, 6/29/05. See attached report cover pages, Exhibit "D".

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), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

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

Reserve Pit Liner

A 16 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)

Squirrell Tail

Elymus Elymoides

6 lbs/acre

Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal H-22-9-17 was on-sited on 8/22/08. The following were present; Dave Allred (Newfield Production), Tim Eaton (Newfield Production), Dave Gordon (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

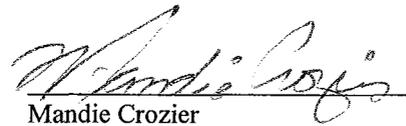
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-22-9-17 SE/NW 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, Federal Bond #WYB000493.

I hereby certify that the proposed drill site 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.

11/22/08

Date



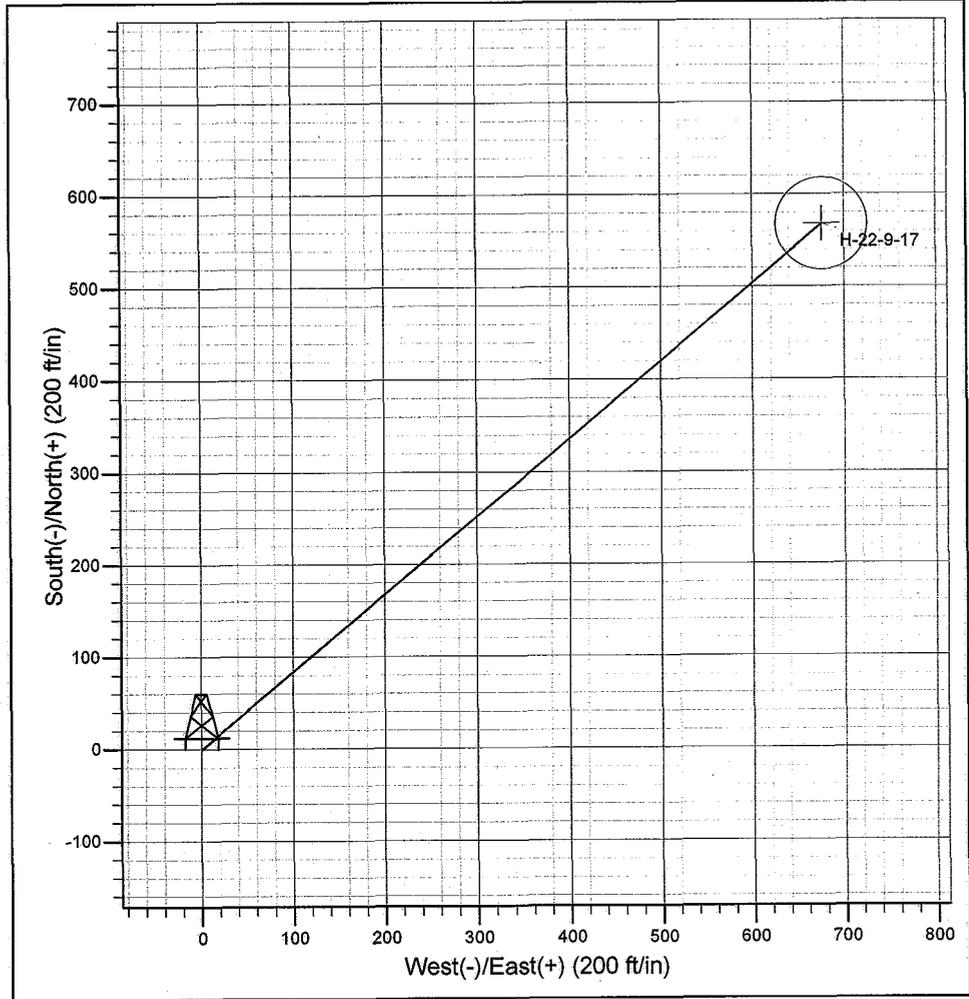
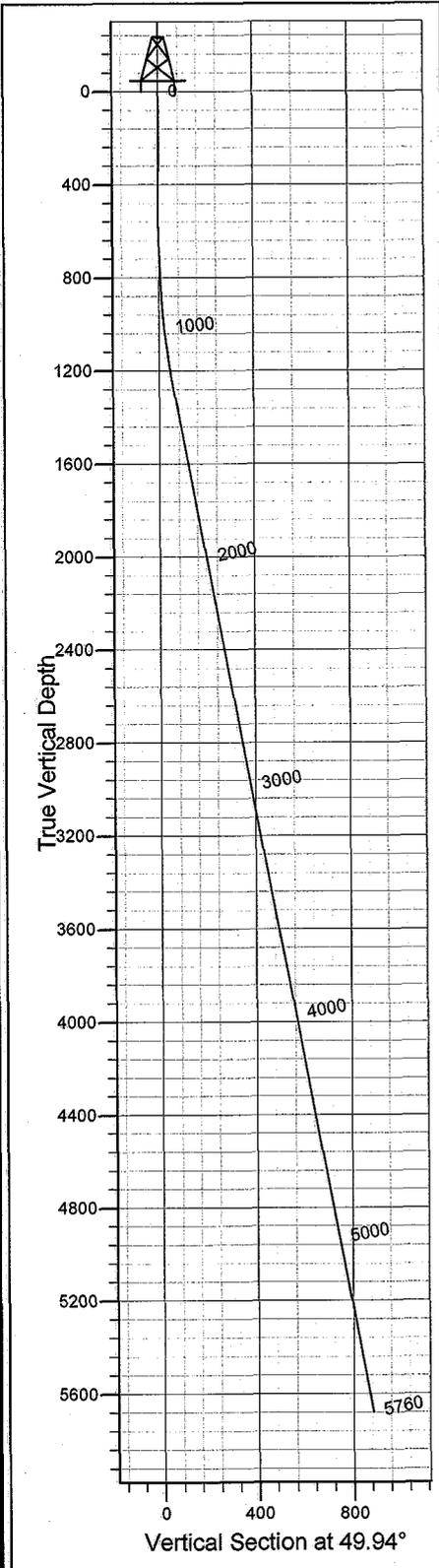
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD



Newfield Production Company

Project: Monument Butte
Site: Lone Tree H-22-9-17
Well: Lone Tree H-22-9-17
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1305.1	10.58	49.94	1301.1	41.8	49.7	1.50	49.94	64.9	
4	5759.7	10.58	49.94	5680.0	568.0	675.5	0.00	0.00	882.6	H-22-9-17

PROJECT DETAILS: Monument Butte
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level

Azimuths to True North
 Magnetic North: 11.60°
 Magnetic Field
 Strength: 52548.3snT
 Dip Angle: 65.86°
 Date: 11/20/2008
 Model: IGRF200510

Created by: Hans Wychgram
 Date: 11-20-2008



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree H-22-9-17
Well: Lone Tree H-22-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree H-22-9-17
TVD Reference: RKB @ 5263.0ft (NDSI #2)
MD Reference: RKB @ 5263.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Monument Butte		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Lone Tree H-22-9-17				
Site Position:		Northing:	2,188,174.88m	Latitude:	40° 1' 6.870 N
From:	Lat/Long	Easting:	628,491.31m	Longitude:	109° 59' 40.870 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	0.96 °

Well	Lone Tree H-22-9-17					
Well Position	+N/-S	0.0 ft	Northing:	2,188,174.88 m	Latitude:	40° 1' 6.870 N
	+E/-W	0.0 ft	Easting:	628,491.31 m	Longitude:	109° 59' 40.870 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,251.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/20/2008	11.60	65.86	52,548

Design	Design #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	49.94	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,305.1	10.58	49.94	1,301.1	41.8	49.7	1.50	1.50	0.00	49.94	
5,759.7	10.58	49.94	5,680.0	568.0	675.5	0.00	0.00	0.00	0.00	H-22-9-17



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree H-22-9-17
Well: Lone Tree H-22-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree H-22-9-17
TVD Reference: RKB @ 5263.0ft (NDSI #2)
MD Reference: RKB @ 5263.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	49.94	700.0	0.8	1.0	1.3	1.50	1.50	0.00
800.0	3.00	49.94	799.9	3.4	4.0	5.2	1.50	1.50	0.00
900.0	4.50	49.94	899.7	7.6	9.0	11.8	1.50	1.50	0.00
1,000.0	6.00	49.94	999.3	13.5	16.0	20.9	1.50	1.50	0.00
1,100.0	7.50	49.94	1,098.6	21.0	25.0	32.7	1.50	1.50	0.00
1,200.0	9.00	49.94	1,197.5	30.3	36.0	47.0	1.50	1.50	0.00
1,300.0	10.50	49.94	1,296.1	41.2	49.0	64.0	1.50	1.50	0.00
1,305.1	10.58	49.94	1,301.1	41.8	49.7	64.9	1.50	1.50	0.00
1,400.0	10.58	49.94	1,394.4	53.0	63.0	82.3	0.00	0.00	0.00
1,500.0	10.58	49.94	1,492.7	64.8	77.1	100.7	0.00	0.00	0.00
1,600.0	10.58	49.94	1,591.0	76.6	91.1	119.0	0.00	0.00	0.00
1,700.0	10.58	49.94	1,689.3	88.4	105.1	137.4	0.00	0.00	0.00
1,800.0	10.58	49.94	1,787.6	100.2	119.2	155.7	0.00	0.00	0.00
1,900.0	10.58	49.94	1,885.9	112.0	133.2	174.1	0.00	0.00	0.00
2,000.0	10.58	49.94	1,984.2	123.9	147.3	192.5	0.00	0.00	0.00
2,100.0	10.58	49.94	2,082.5	135.7	161.3	210.8	0.00	0.00	0.00
2,200.0	10.58	49.94	2,180.8	147.5	175.4	229.2	0.00	0.00	0.00
2,300.0	10.58	49.94	2,279.1	159.3	189.4	247.5	0.00	0.00	0.00
2,400.0	10.58	49.94	2,377.4	171.1	203.5	265.9	0.00	0.00	0.00
2,500.0	10.58	49.94	2,475.7	182.9	217.5	284.2	0.00	0.00	0.00
2,600.0	10.58	49.94	2,574.0	194.7	231.6	302.6	0.00	0.00	0.00
2,700.0	10.58	49.94	2,672.3	206.6	245.6	320.9	0.00	0.00	0.00
2,800.0	10.58	49.94	2,770.6	218.4	259.7	339.3	0.00	0.00	0.00
2,900.0	10.58	49.94	2,868.9	230.2	273.7	357.7	0.00	0.00	0.00
3,000.0	10.58	49.94	2,967.2	242.0	287.8	376.0	0.00	0.00	0.00
3,100.0	10.58	49.94	3,065.5	253.8	301.8	394.4	0.00	0.00	0.00
3,200.0	10.58	49.94	3,163.8	265.6	315.9	412.7	0.00	0.00	0.00
3,300.0	10.58	49.94	3,262.1	277.4	329.9	431.1	0.00	0.00	0.00
3,400.0	10.58	49.94	3,360.4	289.3	344.0	449.4	0.00	0.00	0.00
3,500.0	10.58	49.94	3,458.7	301.1	358.0	467.8	0.00	0.00	0.00
3,600.0	10.58	49.94	3,557.0	312.9	372.1	486.1	0.00	0.00	0.00
3,700.0	10.58	49.94	3,655.3	324.7	386.1	504.5	0.00	0.00	0.00
3,800.0	10.58	49.94	3,753.6	336.5	400.2	522.9	0.00	0.00	0.00
3,900.0	10.58	49.94	3,851.9	348.3	414.2	541.2	0.00	0.00	0.00
4,000.0	10.58	49.94	3,950.2	360.1	428.3	559.6	0.00	0.00	0.00
4,100.0	10.58	49.94	4,048.5	371.9	442.3	577.9	0.00	0.00	0.00
4,200.0	10.58	49.94	4,146.8	383.8	456.4	596.3	0.00	0.00	0.00
4,300.0	10.58	49.94	4,245.1	395.6	470.4	614.6	0.00	0.00	0.00
4,400.0	10.58	49.94	4,343.4	407.4	484.5	633.0	0.00	0.00	0.00
4,500.0	10.58	49.94	4,441.7	419.2	498.5	651.4	0.00	0.00	0.00
4,600.0	10.58	49.94	4,540.0	431.0	512.6	669.7	0.00	0.00	0.00
4,700.0	10.58	49.94	4,638.3	442.8	526.6	688.1	0.00	0.00	0.00
4,800.0	10.58	49.94	4,736.6	454.6	540.7	706.4	0.00	0.00	0.00
4,900.0	10.58	49.94	4,834.9	466.5	554.7	724.8	0.00	0.00	0.00
5,000.0	10.58	49.94	4,933.2	478.3	568.8	743.1	0.00	0.00	0.00
5,100.0	10.58	49.94	5,031.5	490.1	582.8	761.5	0.00	0.00	0.00
5,200.0	10.58	49.94	5,129.8	501.9	596.9	779.8	0.00	0.00	0.00



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Lone Tree H-22-9-17
Well: Lone Tree H-22-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Lone Tree H-22-9-17
TVD Reference: RKB @ 5263.0ft (NDSI #2)
MD Reference: RKB @ 5263.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	10.58	49.94	5,228.1	513.7	610.9	798.2	0.00	0.00	0.00
5,400.0	10.58	49.94	5,326.4	525.5	625.0	816.6	0.00	0.00	0.00
5,500.0	10.58	49.94	5,424.7	537.3	639.0	834.9	0.00	0.00	0.00
5,600.0	10.58	49.94	5,523.0	549.2	653.1	853.3	0.00	0.00	0.00
5,700.0	10.58	49.94	5,621.3	561.0	667.1	871.6	0.00	0.00	0.00
5,759.7	10.58	49.94	5,680.0	568.0	675.5	882.6	0.00	0.00	0.00

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

LONE TREE H-22-9-17 (Proposed Well)

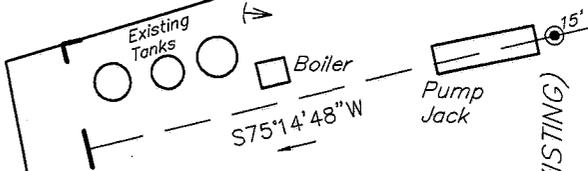
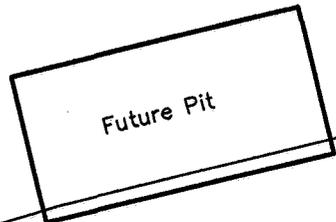
LONE TREE 6-22-9-17 (Existing Well)

Pad Location: SENW Section 22, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

H-22-9-17 (PROPOSED)
1863' FNL & 2098' FWL

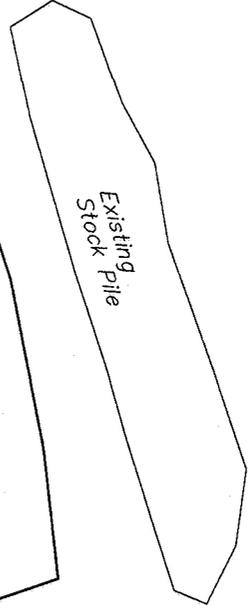


S75°14'48"W

6-22-9-17 (EXISTING)

H-22-9-17 (PROPOSED)

N50°01'06"E - 882.67'
(To Bottom Hole)



Existing Access

Existing Anchor (Typ.)

Edge of Existing Pad

BOTTOM HOLE FOOTAGES

H-22-9-17 (PROPOSED)
1295' FNL & 2775' FWL

Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
H-22-9-17	567'	676'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
H-22-9-17	40° 01' 06.87"	109° 59' 40.87"
6-22-9-17	40° 01' 06.97"	109° 59' 41.10"

SURVEYED BY: T.C.	DATE SURVEYED: 10-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-14-08
SCALE: 1" = 50'	REVISED:

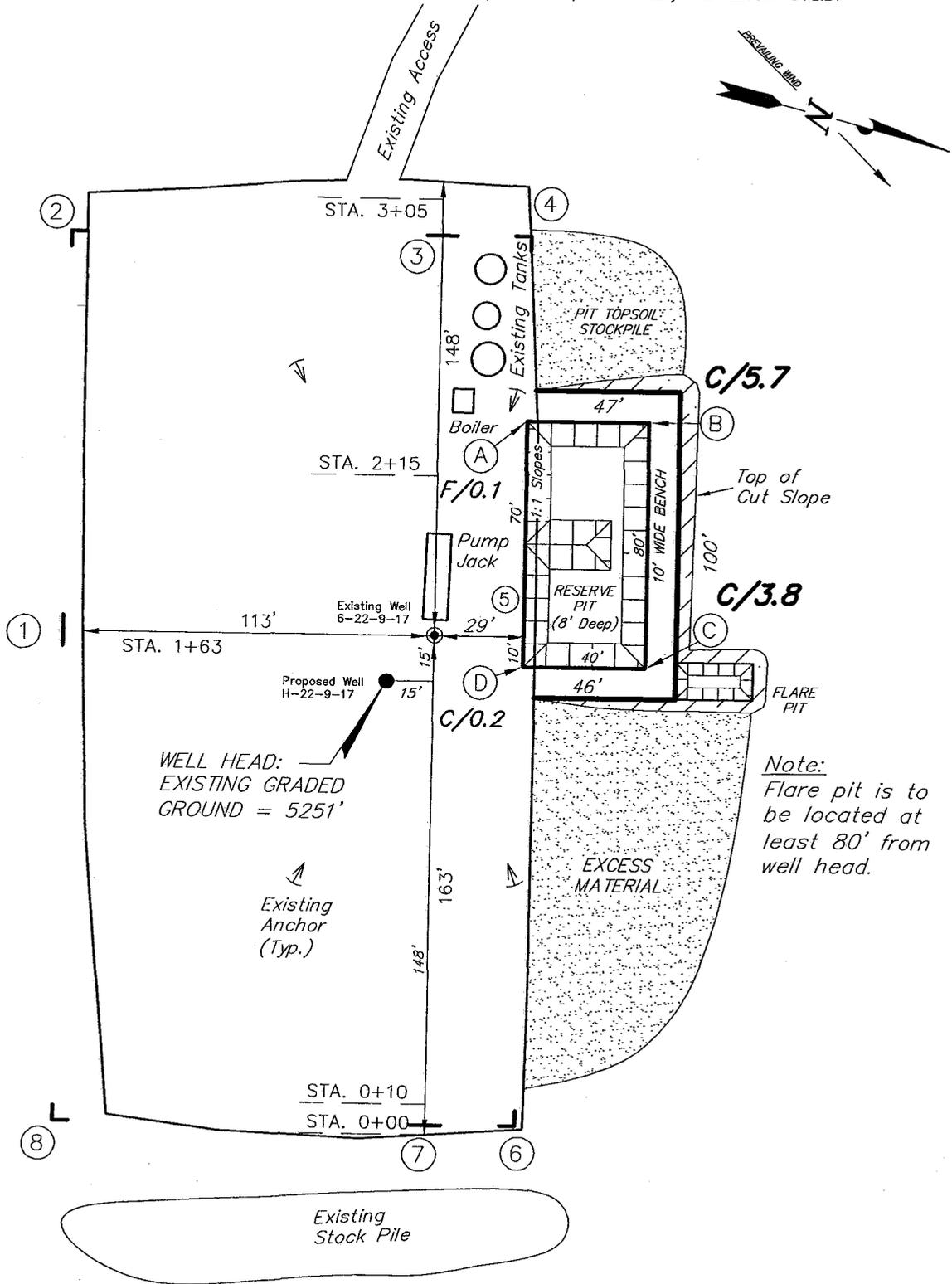
Tri State
Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

LONE TREE H-22-9-17 (Proposed Well)

LONE TREE 6-22-9-17 (Existing Well)

Pad Location: SENW Section 22, T9S, R17E, S.L.B.&M.



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

SURVEYED BY: T.C.	DATE SURVEYED: 10-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-15-08
SCALE: 1" = 50'	REVISED:

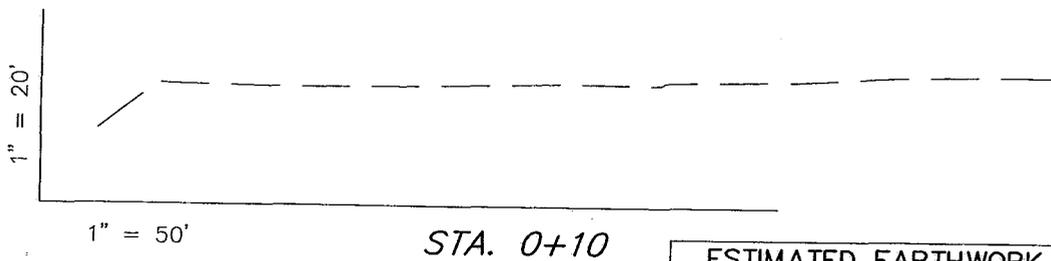
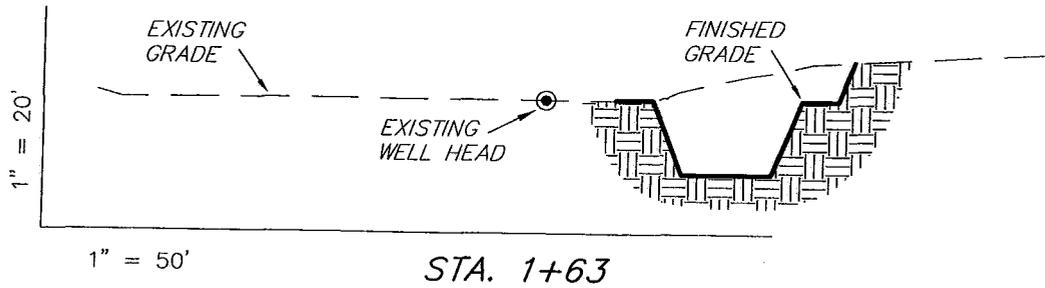
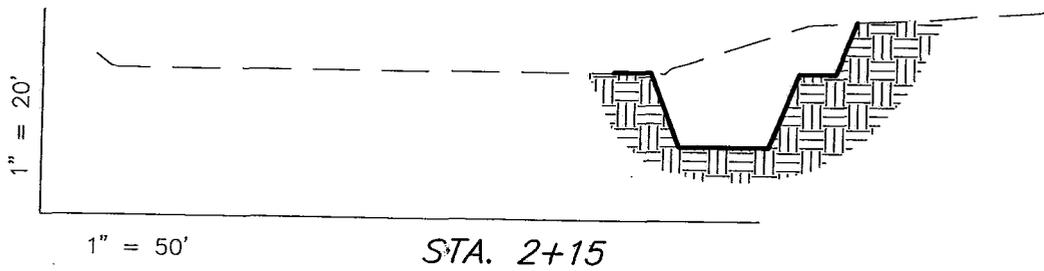
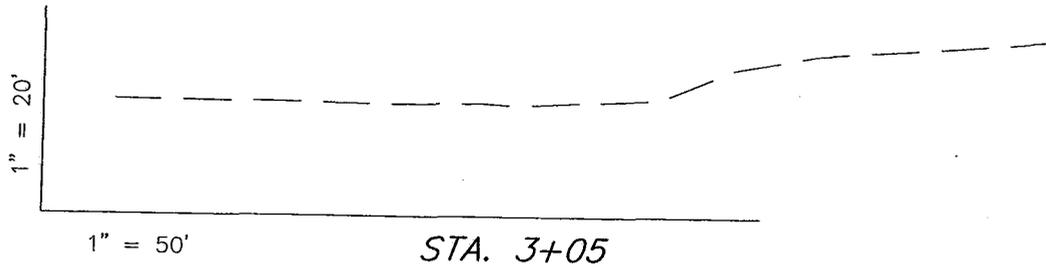
Tri State
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NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE H-22-9-17 (Proposed Well)

LONE TREE 6-22-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
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	650	0	Topsoil is not included in Pad Cut	650
PIT	640	0		640
TOTALS	1,290	0	140	1,290

SURVEYED BY: T.C.	DATE SURVEYED: 10-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-15-08
SCALE: 1" = 50'	REVISED:

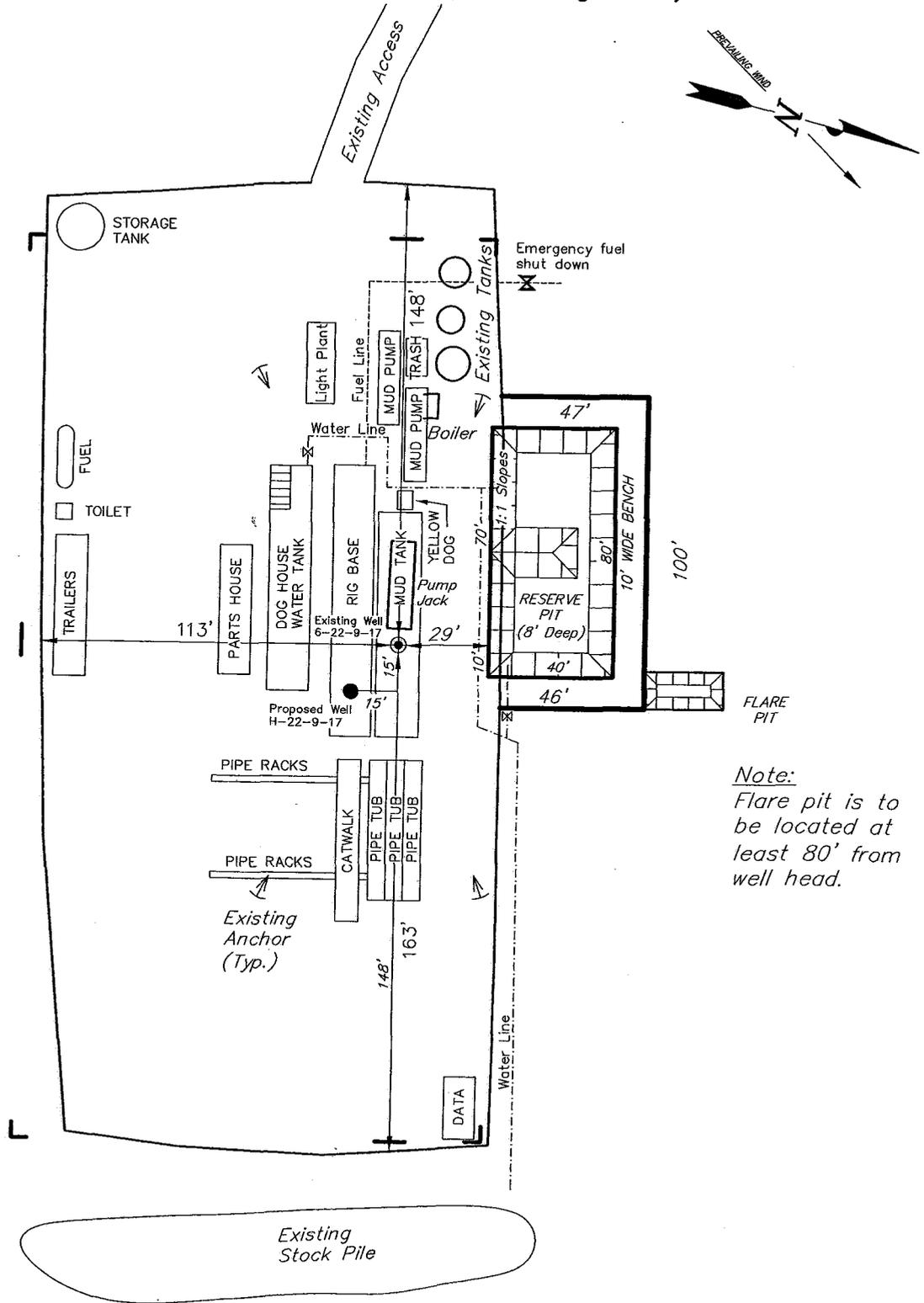
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE H-22-9-17 (Proposed Well)

LONE TREE 6-22-9-17 (Existing Well)



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

SURVEYED BY: T.C.	DATE SURVEYED: 10-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-15-08
SCALE: 1" = 50'	REVISED:

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

Lowfield Production Company Proposed Site Facility Diagram

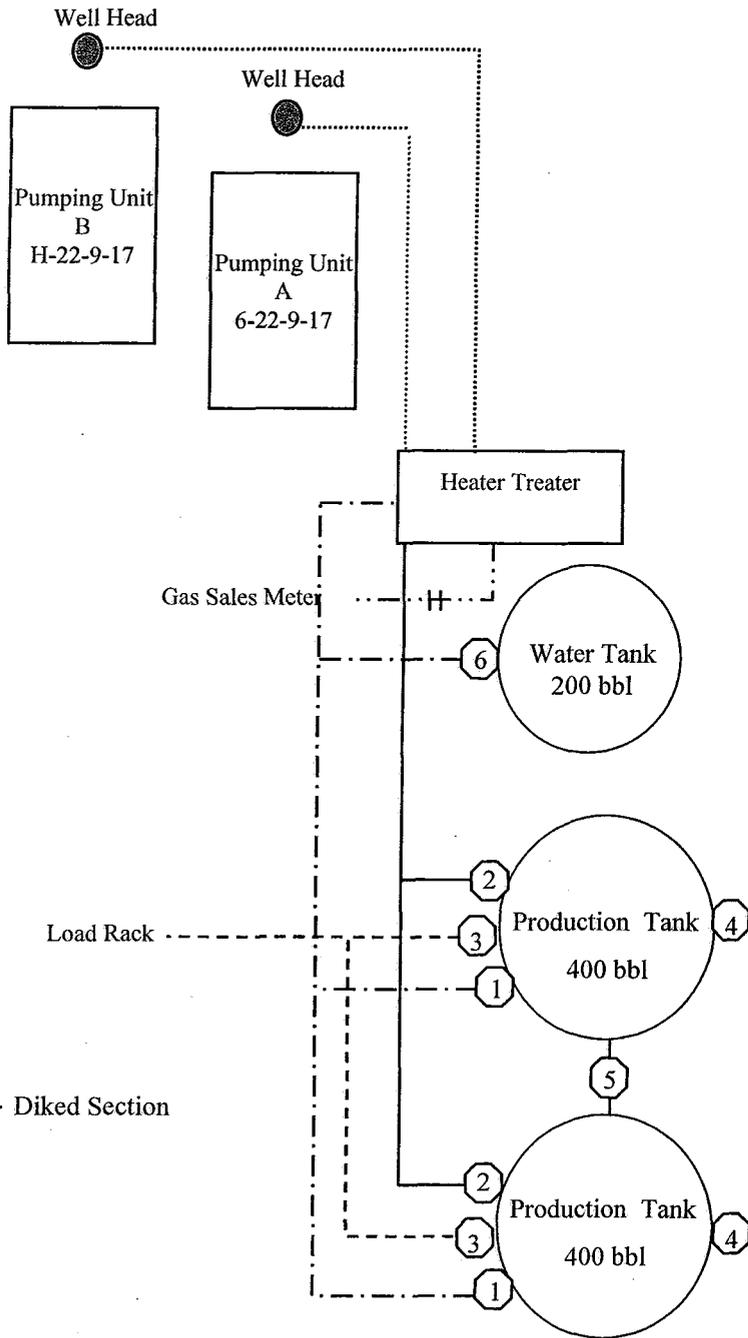
Lone Tree Federal H-22-9-17

From the 6-22-9-17 Location

SE/NW Sec. 22 T9S, R17E

Duchesne County, Utah

UTU-13905



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

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

Sales Phase:

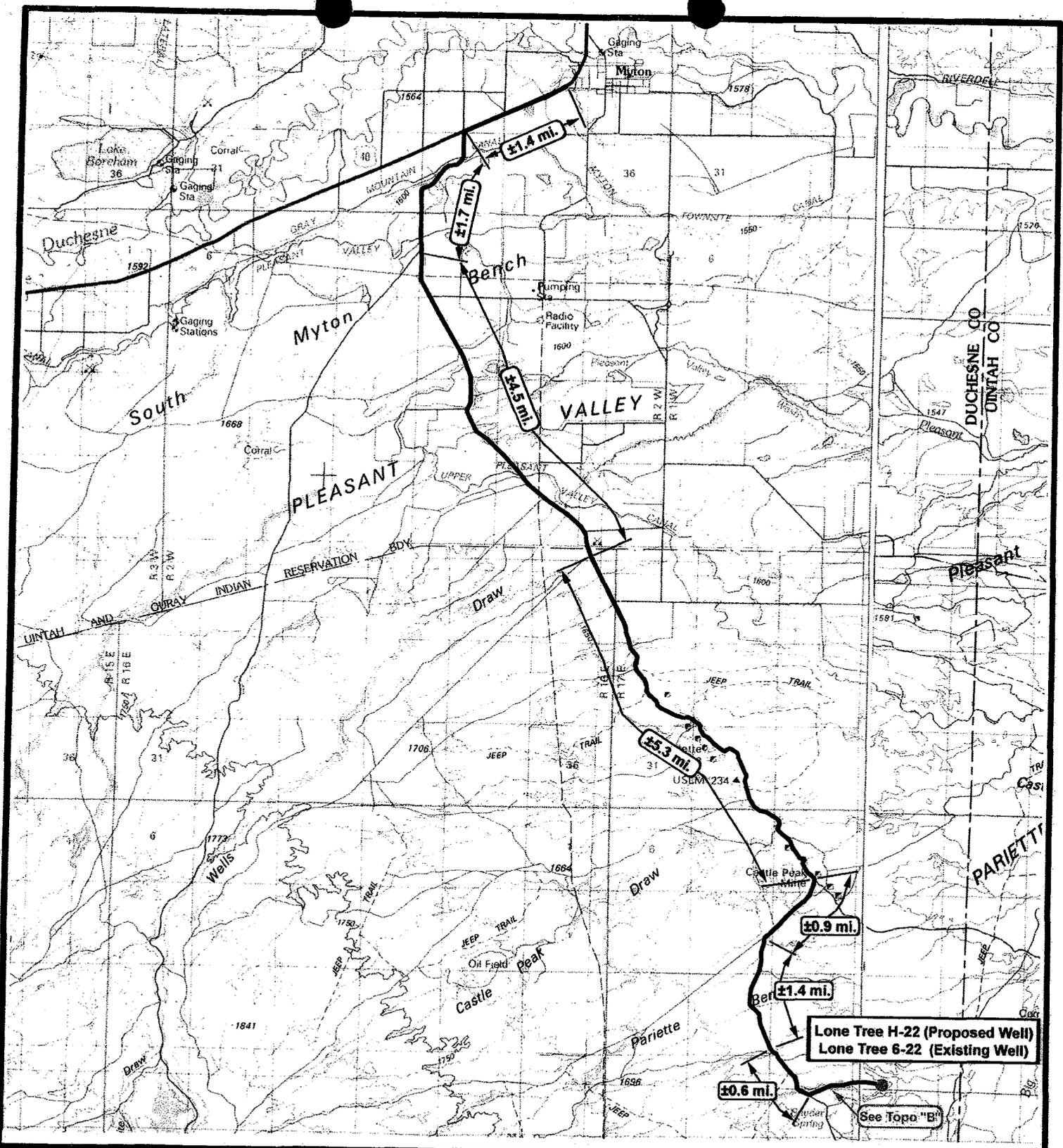
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



NEWFIELD
Exploration Company

Lone Tree H-22-9-17 (Proposed Well)
Lone Tree 6-22-9-17 (Existing Well)
 Pad Location: SENW SEC. 9, T9S, R17E, S.L.B.&M.



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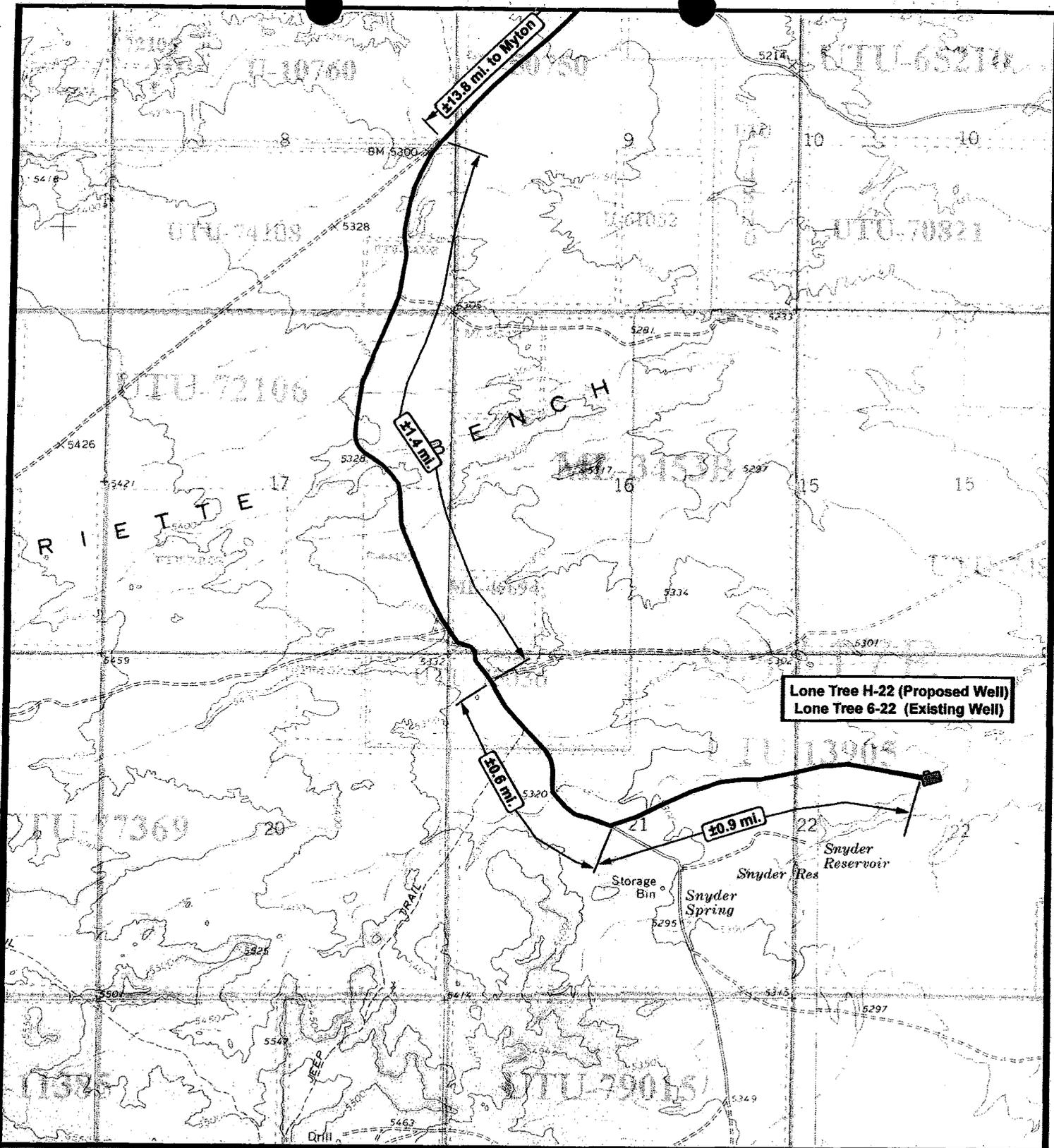
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 10-17-2008

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



Lone Tree H-22 (Proposed Well)
Lone Tree 6-22 (Existing Well)



NEWFIELD
Exploration Company

Lone Tree H-22-9-17 (Proposed Well)
Lone Tree 6-22-9-17 (Existing Well)
Pad Location: SENW SEC. 9, T9S, R17E, S.L.B.&M.




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

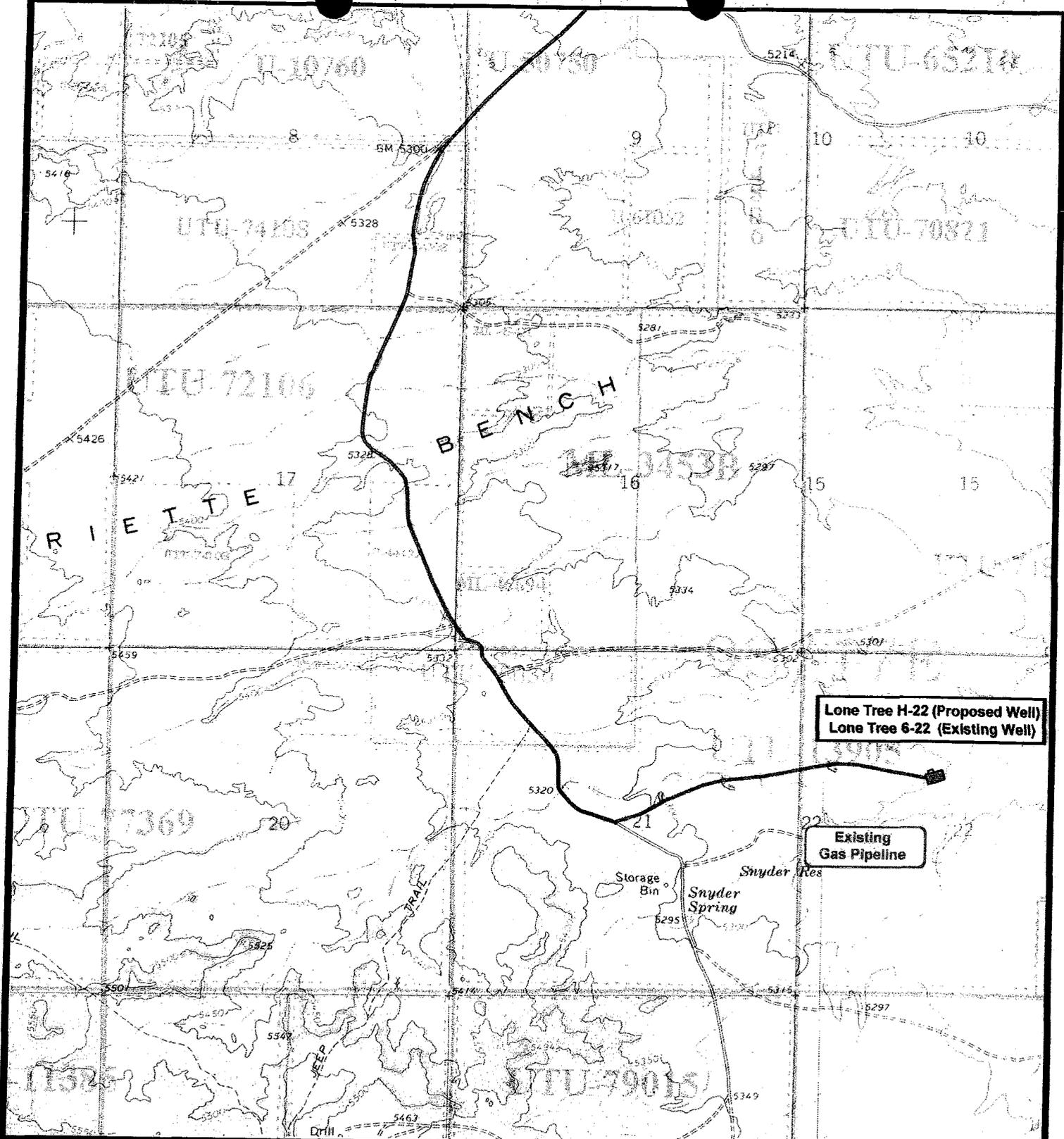
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 10-17-2008

Legend

 Existing Road

TOPOGRAPHIC MAP

"B"



Lone Tree H-22 (Proposed Well)
Lone Tree 6-22 (Existing Well)

Existing Gas Pipeline



NEWFIELD
 Exploration Company

Lone Tree H-22-9-17 (Proposed Well)
Lone Tree 6-22-9-17 (Existing Well)
 Pad Location: SENW SEC. 9, T9S, R17E, S.L.B.&M.



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

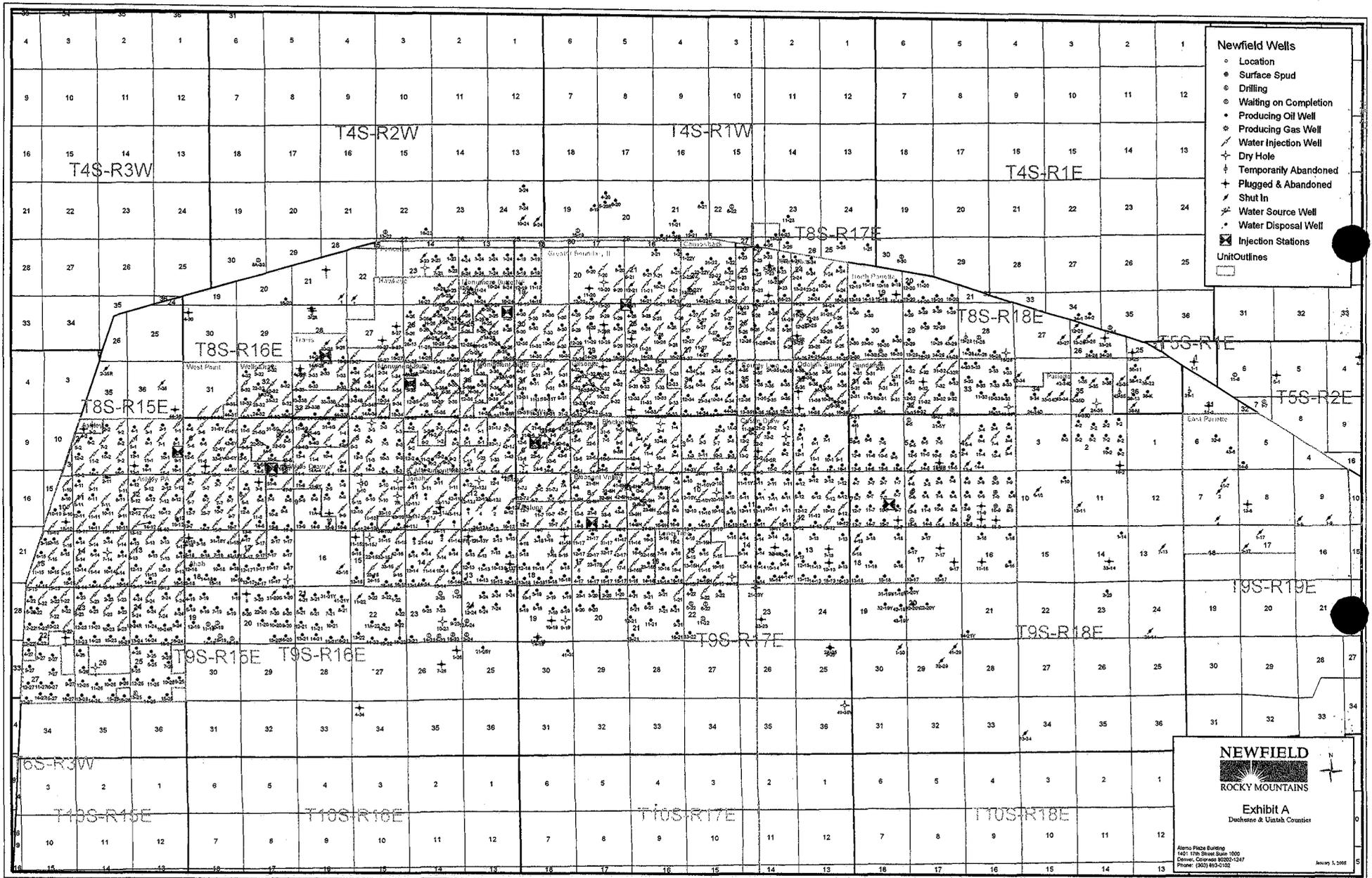
SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 10-17-2008

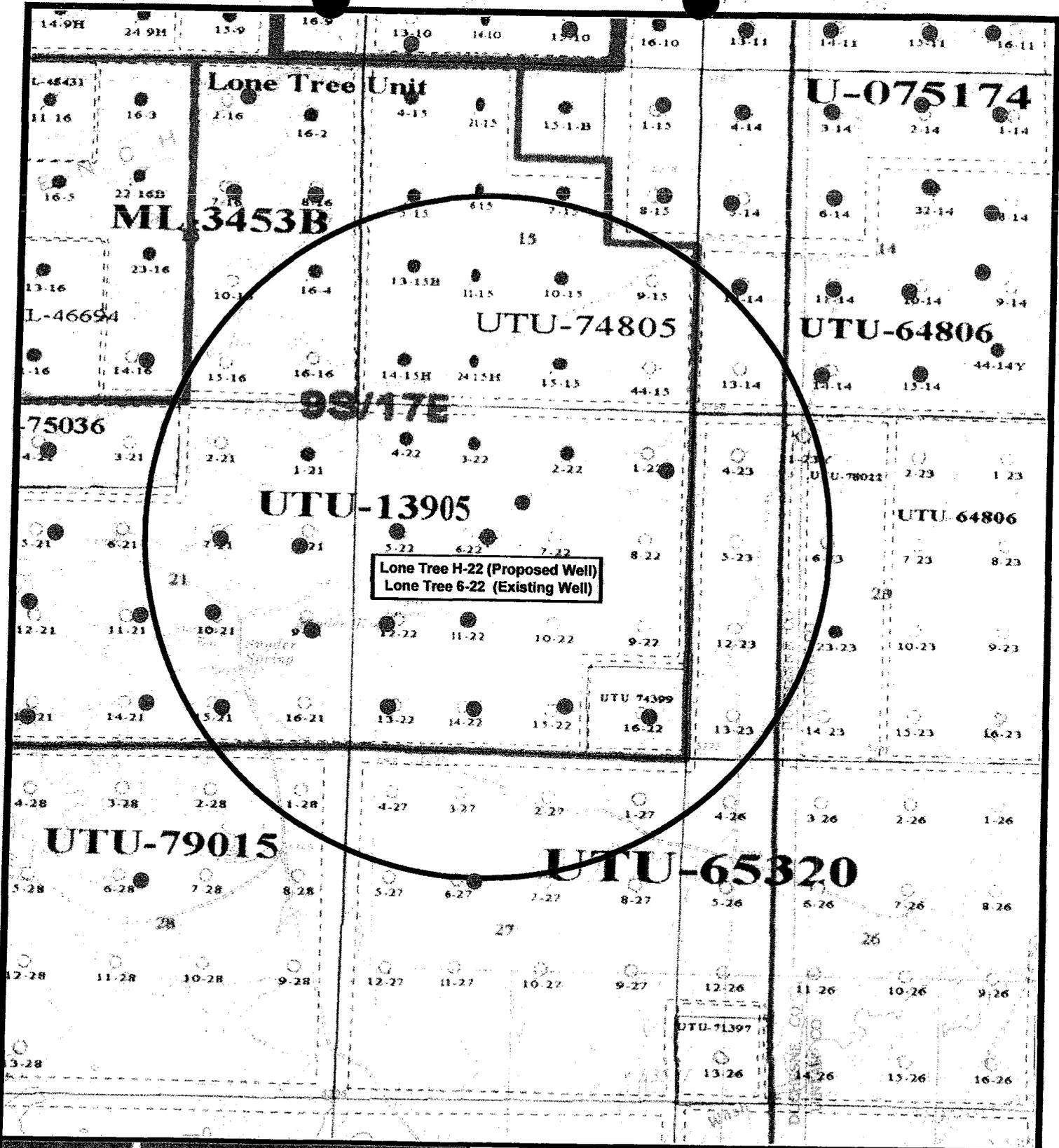
Legend

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
 Exploration Company

Lone Tree H-22-9-17 (Proposed Well)
Lone Tree 6-22-9-17 (Existing Well)
 Pad Location: SENW SEC. 9, 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: JAS
 DATE: 10-17-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

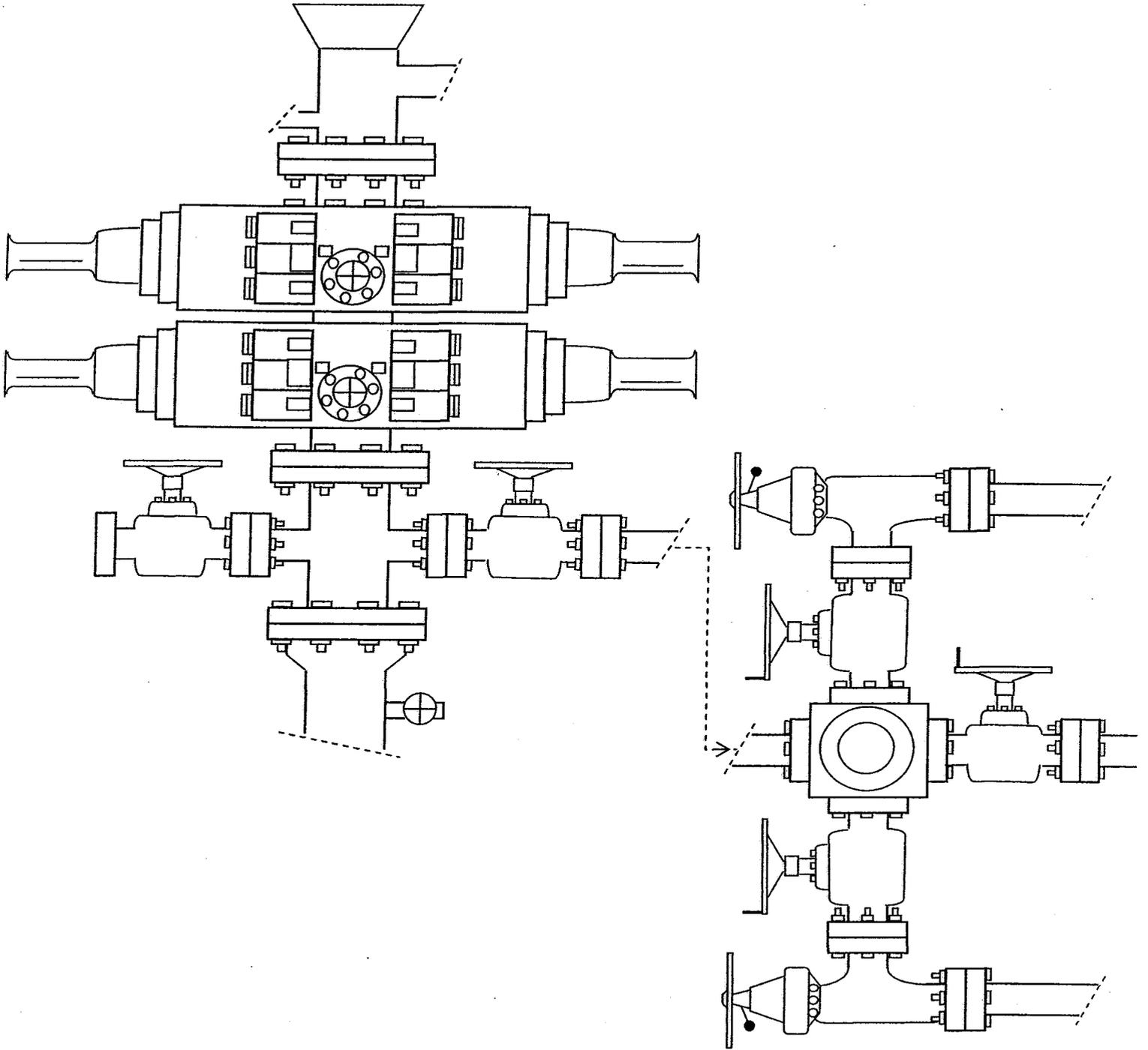


EXHIBIT C

Exhibit "D" Program
1 of 2 10992d

CULTURAL RESOURCE EVALUATION OF THE ASHLEY UNIT, SOUTH WELLS DRAW UNIT & SOUTH PLEASANT VALLEY UNIT LEASE AREAS IN THE WELLS DRAW & PLEASANT VALLEY LOCALITIES IN DUCHESNE COUNTY, UTAH

Report Prepared for Inland Production Company

Department of Interior Permit No.: UT-97-54937

Utah State Project No.: UT-97-AF-0722b,s

AERC Project 1592 (IPC-97-5A)

Authors of the Report:
F. Richard Hauck & Glade Hadden



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668

Fax: (801) 292-0614

ari@xmission.com

December 29, 1997

08 210

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: 12/11/2008

API NO. ASSIGNED: 43-013-34158

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 22 090S 170E
 SURFACE: 1863 FNL 2098 FWL
 BOTTOM: 1295 FNL 2517 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.01866 LONGITUDE: -109.9938
 UTM SURF EASTINGS: 585865 NORTHINGS: 4430103
 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. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: LONE TREE (GRRV)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 228.5
Eff Date: 8-26-1998
Siting: Suspend Drilling Siting
- R649-3-11. Directional Drill

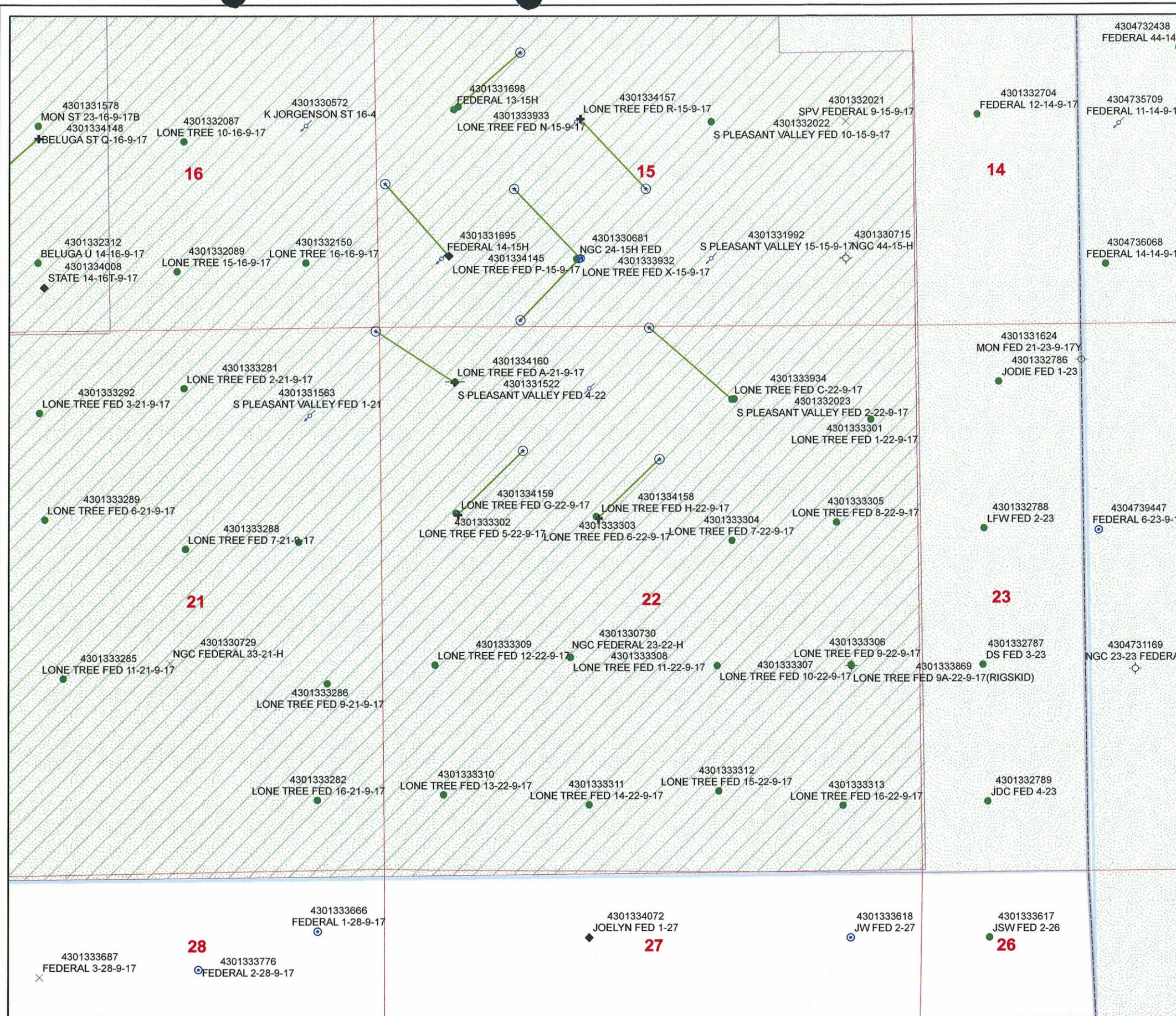
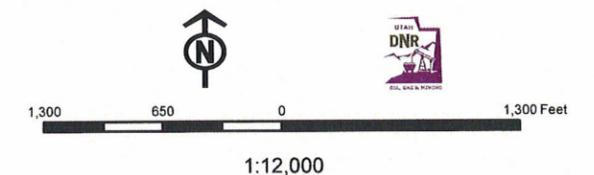
COMMENTS: Sep, Separate Site

STIPULATIONS: 1- Seismic Approval

API Number: 4301334158
Well Name: LONE TREE FED H-22-9-17
Township 09.0 S Range 17.0 E Section 22
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|---------------------------|
| Units | Wells Query Events |
| STATUS | ✕ <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | <Null> |
| GAS STORAGE | APD |
| NF PP OIL | DRL |
| NF SECONDARY | GI |
| PI OIL | GS |
| PP GAS | LA |
| PP GEOTHERML | NEW |
| PP OIL | OPS |
| SECONDARY | PA |
| TERMINATED | PGW |
| Fields | POW |
| STATUS | RET |
| ACTIVE | SGW |
| COMBINED | SOW |
| Sections | TA |
| | TW |
| | WD |
| | WI |
| | WS |





December 9, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Lone Tree Federal H-22-9-17
Lone Tree Unit
UTU-77236X
Surface Hole: T9S R17E, Section 22: SENW
1863' FNL 2098' FWL
Bottom Hole: T9S R17E, Section 22
1295' FNL 2517' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 24, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Lone Tree Unit UTU-77236X. Newfield certifies that it is the Lone Tree Unit Operator and all lands within 460 feet of the entire directional well bore are within the Lone Tree Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

DEC 15 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-13905	
6. If Indian, Allottee or Tribe Name NA	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	7. If Unit or CA Agreement, Name and No. Lone Tree
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	8. Lease Name and Well No. Lone Tree Federal H-22-9-17
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
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1863' FNL 2098' FWL At proposed prod. zone 1295' FNL 2517' FEL	
11. Sec., T, R, M. or Blk. and Survey or Area Sec. 22, T9S R17E	
14. Distance in miles and direction from nearest town or post office* Approximately 16.7 miles southeast of Myton, UT	
12. County or Parish Duchesne	
13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1295' f/lse, 2517' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 1,200.00
17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1308'	19. Proposed Depth 5,680'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5251' GL	22. Approximate date work will start* 1st Oct. 2009
23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

(Continued on page 2)

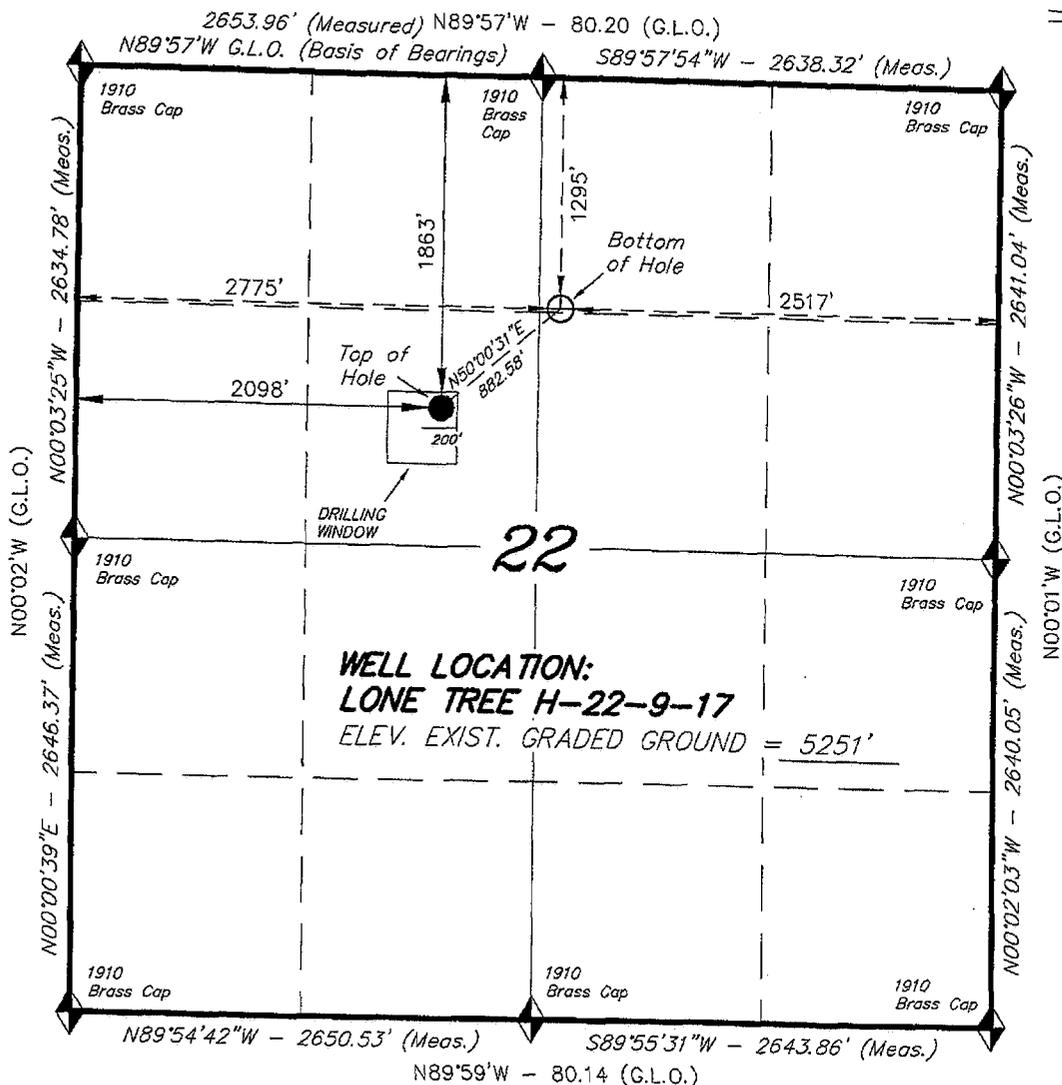
*(Instructions on page 2)

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, LONE TREE H-22-9-17,
 LOCATED AS SHOWN IN THE SE 1/4 NW
 1/4 OF SECTION 22, 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. 22033
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 10-10-08	SURVEYED BY: T.C.
DATE DRAWN: 10-14-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV.
 U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

LONE TREE H-22-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 06.87"
 LONGITUDE = 109° 59' 40.87"

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)

December 19, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 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 2008 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34161	Lone Tree Fed	14-21-9-17 Sec 21 T09S R17E 0655 FSL 2179 FWL
43-013-34162	Lone Tree Fed	10-21-9-17 Sec 21 T09S R17E 2058 FSL 2079 FEL
43-013-34163	Lone Tree Fed	15-21-9-17 Sec 21 T09S R17E 0589 FSL 1893 FEL
43-013-34157	Lone Tree Fed	R-15-9-17 Sec 15 T09S R17E 1998 FSL 1983 FWL
		BHL Sec 15 T09S R17E 1320 FSL 2620 FEL
43-013-34158	Lone Tree Fed	H-22-9-17 Sec 22 T09S R17E 1863 FNL 2098 FWL
		BHL Sec 22 T09S R17E 1295 FNL 2517 FEL
43-013-34159	Lone Tree Fed	G-22-9-17 Sec 22 T09S R17E 1829 FNL 0724 FWL
		BHL Sec 22 T09S R17E 1213 FNL 1375 FWL
43-013-34160	Lone Tree Fed	A-21-9-17 Sec 22 T09S R17E 0546 FNL 0697 FWL
		BHL Sec 21 T09S R17E 0050 FNL 0060 FEL

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



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 22, 2008

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Re: Lone Tree Federal H-22-9-17 Well, Surface Location 1863' FNL, 2098' FWL,
SE NW, Sec. 22, T. 9 South, R. 17 East, Bottom Location 1295' FNL, 2517' FEL,
NW NE, 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 43-013-34158.

Sincerely,

Gil Hunt
Associate Director

js
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Lone Tree Federal H-22-9-17
API Number: 43-013-34158
Lease: UTU-13905

Surface Location: SE NW **Sec.** 22 **T.** 9 South **R.** 17 East
Bottom Location: NW NE **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 Dustin Doucet at (801) 538-5281 (801) 733-0983 home

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.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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

APPLICATION FOR PERMIT TO DRILL OR REENTER 1 15

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 NA	
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 H-22-9-17	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 3A158	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SE/NW 1863' FNL 2098' FWL At proposed prod. zone 1295' FNL 2517' FEL <i>NWNE</i>		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximately 16.7 miles southeast of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 22, T9S R17E	
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1295' f/lse, 2517' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 1,200.00	17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1309'	19. Proposed Depth 5,680'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5251' GL	22. Approximate date work will start* 1st Qtr. 2009	23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		

Approved by (Signature) <i>Jean Kevicka</i>	Name (Printed/Typed) JEAN KEVICKA	Date APR 27 2009
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

NOS 10/20/08

RECEIVED AFMISS# 095XS1058A

MAY 13 2009

DIV. OF OIL, GAS & MINING

UDOGM



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lone Tree Federal H-22-9-17
API No: 43-013-34158

Location: SENW, Sec. 22, T9S, R17E
Lease No: UTU-13905
Agreement: Lone Tree (GR) 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:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

Fax: (435) 781-3420

**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 two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, 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)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- 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 determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

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 using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Forage Kochia seeds must be broadcast. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia prostrata</i>	0.20	1/4"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

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, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed. 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.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- 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.
- While actively drilling, 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 ($\frac{1}{4}$ 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.

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:
	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LONE TREE FED H-22-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013341580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1863 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input 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 checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

Newfield requests to extend the permit to drill this well for one more year.

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

Date: December 21, 2009

By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 12/17/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341580000

API: 43013341580000

Well Name: LONE TREE FED H-22-9-17

Location: 1863 FNL 2098 FWL QTR SENW SEC 22 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/22/2008

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 rightof- 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

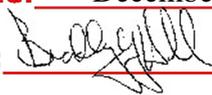
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 12/17/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: December 21, 2009

By: 

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Exploration Rig
Name/# Ross Rig # 29 Submitted By Alvin
Nielsen Phone Number 435-823-
7468

Well Name/Number Lone Tree Fed H-22-9-
17

Qtr/Qtr SE/NW Section 22 Township 9S
Range 17E
Lease Serial Number UTU-13905

API Number 43-013-
34158

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 5/17/10 9:00 AM
PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 5/17/10 3:00 AM PM

BOPE

Initial BOPE test at surface casing point

- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks Ross Rig # 29 spud the Lone Tree Fed H-22-9-17 @ 9:00 AM on 5/17/10 & Run 85/8" casing @ 3:00 PM on 5/17/10.

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

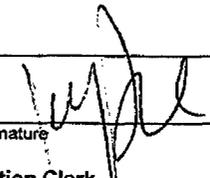
OPERATOR ACCT. NO. N2695

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	17633	4301350292	UTE TRIBAL 15-27-4-3	SWSE	27	4S	3W	DUCHESNE	6/2/2010	6/7/10
WELL 1 COMMENTS: <i>GRRV</i> CONFIDENTIAL											
B	99999	17400	✓ 4301334158 4301334159	LONE TREE FEDERAL H-22-9-17	SEW	22	9S	17E	DUCHESNE	5/17/2010	6/7/10
<i>GRRV</i> <i>BHL = N W N E</i>											
A	99999	17634	4304750967	CHASEL 3-23-4-1W	NENW	23	4S	1W	UINTAH	5/22/2010	6/7/10
<i>GRRV</i>											
B	99999	17400	✓ 4304740411	CASTLE DRAW ST H-2-9-17	NENW	2	9S	17E	UINTAH	5/24/2010	6/7/10
<i>GRRV</i> <i>BHL = N E N W</i>											
b	99999	17400	✓ 4301350110	ST MON BUTTE EAST M-36-8-16	SEW	36	8S	16E	DUCHESNE	5/22/2010	6/7/10
WELL 5 COMMENTS: <i>GRRV</i> <i>BHL = S E N W</i>											
B	99999	17400	✓ 4301350109	ST MON BUTTE EAST G-36-8-16	SEW	36	8S	16E	DUCHESNE	5/24/2010	6/7/10
WELL 5 COMMENTS: <i>GRRV</i> <i>BHL = N W N W</i>											

- ACTION CODES (See instructions on back of form)
- A - 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)

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DIV. OF OIL, GAS & MINING

Signature: 
 Jentri Park
 Production Clerk
 Date: 06/02/10

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-13905
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 22 T9S R17E		8. Well Name and No. LONE TREE FEDERAL H-22-9-17
		9. API Well No. 4301334158
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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	Spud Notice _____	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____	

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

On 5-17-10 MIRU ROSS spud rig #21. Drill 325' of 12 1/4" hole with air mist. TIH W/ Jt's 8 5/8" J-55 24# csgn. Set @ 327.25. On 5-20-10 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 0 bbls cement to pit. On 5-21-10 cement w/ 1" pipe from the top w/ 25 sks of class G.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Xabier Lasa	Title Drilling Foreman
Signature 	Date 05/23/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

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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
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: LONE TREE FEDERAL H-22-9-17
9. API NUMBER: 4301334158
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

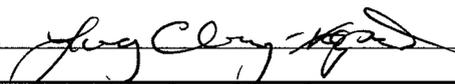
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		8. WELL NAME and NUMBER: LONE TREE FEDERAL H-22-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 4301334158
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: <i>1863 FNL 2098 FWL</i>		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 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 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>06/16/2010</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 06-16-10, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>06/17/2010</u>

(This space for State use only)

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JUN 21 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

LONE TREE H-22-9-17**4/1/2010 To 8/30/2010****6/7/2010 Day: 1****Completion**

Rigless on 6/7/2010 - Ran CBL & perforated 1st stage. SIWFN w/ 135 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 5624' w/ TOC @ 220'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 5400- 07' & 5368- 71' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 30 shots. RD WLT & Hot Oiler. SIFN w/ 135 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$12,135

6/10/2010 Day: 2**Completion**

Rigless on 6/10/2010 - Frac, perforate & flowback. - Frac & perforate well. 1611 BWTR. Open for immediate flowback @ approx 3 BPM. Well flowed for 4 1/2 hours & died. Recovered approx 650 bbls. 961 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$92,331

6/14/2010 Day: 3**Completion**

Stone #8 on 6/14/2010 - MIRUSU. PU tbg & tag plug. - MIRUSU. Check pressure on well, 150 psi. Bleed pressure off well. ND frac BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & 2 7/8" J-55 8rd EUE tbg. Pump down tbg to attempt kill w/o success. Install tbg disc & continue PU tbg. Tag plug @ 4440'. RU drill equipment. SWIFN. 900 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$100,571

6/15/2010 Day: 4**Completion**

Stone #8 on 6/15/2010 - Drill out plugs & swab - Check pressure on well, 125 psi. Bleed off pressure. Tag plug @ 4440'. Drill out plug in 15 min. Continue PU tbg & tag fill @ 4650'. Clean out to plug @ 4680'. Drill out plug in 15 min. Continue PU tbg & tag fill @ 4822'. Clean out to plug @ 5340'. Drill out plug in 15 min. Continue PU tbg & tag @ 5579'. Clean out to PBTD @ 5668'. Circulate well clean. LD 3- jts tbg. RU swab equipment. Made 17 swab runs w/ SFL @ surface & EFL @ 1200'. Recovered 161 bbls ending w/ trace of oil & good show of gas. 739 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$107,247

6/16/2010 Day: 5**Completion**

Stone #8 on 6/16/2010 - Round trip tbg & start PU rods - Check pressure on well, 250 psi csg & 125 psi tbg. Bleed pressure off well. TOO H w/ 46- jts tbg. Well started flowing. Pump 100 bbls production water & could not kill well. TIH w/ 46- jts tbg. Wait on brine water. Heat & transfer 70 bbls oil out of flat tank. Pump 120 bbls brine water down tbg. TOO H w/ tbg & LD

BHA. TIH w/ tbg as detailed. RD rig floor. ND BOPs. Set TA @ 5333' w/ 18,000#s tension. X-over for rods. Flush tbg w/ 50 bbls brine water. PU & prime Central Hydraulic rod pump. PU 4- 1 1/2" weight rods & 100- 7/8" guided rods. SWIFN. - Continue PU rods as detailed. RU pumping unit. Fill tbg w/ 5 BW & stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 12:00 noon w/ 144" SL & 4 SPM. 744 BWTR. - Check pressure on well, 250 psi csg & 125 psi tbg. Bleed pressure off well. TOO H w/ 46- jts tbg. Well started flowing. Pump 100 bbls production water & could not kill well. TIH w/ 46- jts tbg. Wait on brine water. Heat & transfer 70 bbls oil out of flat tank. Pump 120 bbls brine water down tbg. TOO H w/ tbg & LD BHA. TIH w/ tbg as detailed. RD rig floor. ND BOPs. Set TA @ 5333' w/ 18,000#s tension. X-over for rods. Flush tbg w/ 50 bbls brine water. PU & prime Central Hydraulic rod pump. PU 4- 1 1/2" weight rods & 100- 7/8" guided rods. SWIFN. - Continue PU rods as detailed. RU pumping unit. Fill tbg w/ 5 BW & stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 12:00 noon w/ 144" SL & 4 SPM. 744 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$148,609

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 1863' FNL & 2098' FWL (SE/NW) SEC. 22, T9S, R17E (UTU-13905)
 At top prod. interval reported below 1424' FNL & 2625' FWL (SE/NW) SEC. 22, T9S, R17E (UTU-13905)
 At total depth 1243' FNL & 2441' FEL (NW/NE) SEC. 22, T9S, R17E (UTU-13905)
BHL reviewed by HSM

5. Lease Serial No.
UTU-13905

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

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

9. AFI Well No.
43-013-34158

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 22, T9S, R17E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
05/17/2010

15. Date T.D. Reached
06/01/2010

16. Date Completed 06/16/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5215' GL 5263' KB

18. Total Depth: MD 5725'
TVD 5628'

19. Plug Back T.D.: MD 5668'
TVD 5612

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	327'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5715'		225 PRIMLITE		220'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5461'	TA @ 5330'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5368-5407' CP4	.36"	3	30
B) Green River			5239-5309' CP2 CP3	.34"	3	33
C) Green River			4757-4777' A1	.34"	3	36
D) Green River			4557-4635' B.5 B2	.34"	3	42

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5368-5407'	Frac w/ 18928#'s 20/40 sand in 166 bbls of Lightning 17 fluid.
5239-5309'	Frac w/ 34591#'s 20/40 sand in 233 bbls of Lightning 17 fluid.
4757-4777'	Frac w/ 100073#'s 20/40 sand in 606 bbls of Lightning 17 fluid.
4557-4635'	Frac w/ 49771#'s 20/40 sand in 308 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-17-10	6-29-10	24	→	143	0	23			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3333' 3528'
				GARDEN GULCH 2 POINT 3	3640' 3889'
				X MRKR Y MRKR	4142' 4181'
				DOUGALS CREEK MRK BI CARBONATE MRK	4306' 4536'
				B LIMESTON MRK CASTLE PEAK	4659' 5139'
				BASAL CARBONATE	5564'

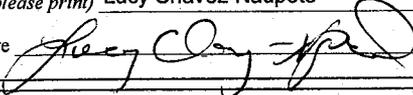
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1 & D2) 4337-4393', .34" 3/30 Frac w/ 46720#'s of 20/40 sand in 298 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 07/12/2010

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.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 22 T9S R17E
H-22-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

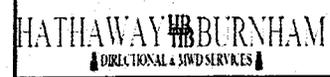
01 July, 2010

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S R17E
Well: H-22-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well H-22-9-17
TVD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
MD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 22 T9S R17E, SEC 22 T9S R17E				
Site Position:		Northing:	7,178,000.00ft	Latitude:	40° 0' 56.518 N
From:	Lat/Long	Easting:	2,062,600.00ft	Longitude:	109° 59' 33.065 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.97 °

Well	H-22-9-17, SHL LAT: 40 01 06.87, LONG: -109 59 40.87					
Well Position	+N/-S	0.0 ft	Northing:	7,179,037.07 ft	Latitude:	40° 1' 6.870 N
	+E/-W	0.0 ft	Easting:	2,061,975.24 ft	Longitude:	109° 59' 40.870 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,263.0 ft	Ground Level:	5,251.0 ft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/19	11.42	65.81	52,374

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	50.01	

Survey Program	Date 2010/07/01				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
353.0	5,725.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
353.0	0.26	119.53	353.0	-0.4	0.7	0.3	0.07	0.07	0.00
415.0	0.22	124.14	415.0	-0.5	0.9	0.4	0.07	-0.06	7.44
507.0	0.18	135.80	507.0	-0.7	1.2	0.4	0.06	-0.04	12.67
538.0	0.20	105.30	538.0	-0.8	1.3	0.5	0.33	0.06	-98.39
568.0	0.35	101.00	568.0	-0.8	1.4	0.5	0.50	0.50	-14.33
630.0	1.14	54.44	630.0	-0.5	2.1	1.3	1.51	1.27	-75.10
660.0	1.52	47.61	660.0	0.0	2.6	2.0	1.37	1.27	-22.77
691.0	1.96	55.10	691.0	0.5	3.4	2.9	1.59	1.42	24.16
722.0	2.68	53.65	721.9	1.3	4.4	4.2	2.33	2.32	-4.68
752.0	3.10	52.40	751.9	2.2	5.6	5.7	1.42	1.40	-4.17
783.0	3.70	50.14	782.9	3.3	7.0	7.5	1.98	1.94	-7.29
813.0	4.07	48.20	812.8	4.7	8.5	9.5	1.31	1.23	-6.47



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S R17E
 Well: H-22-9-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well H-22-9-17
 TVD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
 MD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
858.0	4.86	52.60	857.6	6.9	11.3	13.0	1.91	1.76	9.78
904.0	5.30	51.87	903.5	9.4	14.5	17.1	0.97	0.96	-1.59
949.0	5.95	52.00	948.2	12.1	17.9	21.5	1.44	1.44	0.29
995.0	6.53	49.50	994.0	15.3	21.8	26.5	1.39	1.26	-5.43
1,040.0	7.38	47.80	1,038.6	18.9	25.9	32.0	1.94	1.89	-3.78
1,085.0	8.11	48.05	1,083.2	22.9	30.4	38.0	1.62	1.62	0.56
1,130.0	8.60	47.72	1,127.8	27.3	35.3	44.6	1.09	1.09	-0.73
1,176.0	9.10	46.90	1,173.2	32.1	40.5	51.6	1.12	1.09	-1.78
1,221.0	9.50	47.40	1,217.6	37.1	45.8	58.9	0.91	0.89	1.11
1,267.0	10.00	48.50	1,263.0	42.3	51.6	66.7	1.16	1.09	2.39
1,312.0	10.24	48.55	1,307.3	47.5	57.5	74.6	0.53	0.53	0.11
1,357.0	10.40	46.82	1,351.5	52.9	63.5	82.6	0.78	0.36	-3.84
1,402.0	10.42	48.82	1,395.8	58.4	69.5	90.8	0.80	0.04	4.44
1,448.0	10.90	50.40	1,441.0	63.9	76.0	99.3	1.22	1.04	3.43
1,493.0	11.10	49.13	1,485.2	69.5	82.5	107.9	0.70	0.44	-2.82
1,538.0	11.10	50.20	1,529.3	75.1	89.1	116.5	0.46	0.00	2.38
1,584.0	11.21	51.12	1,574.5	80.7	96.0	125.4	0.45	0.24	2.00
1,674.0	11.80	50.69	1,662.6	92.0	109.9	143.4	0.66	0.66	-0.48
1,765.0	12.00	50.07	1,751.7	104.0	124.4	162.1	0.26	0.22	-0.68
1,855.0	12.00	46.71	1,839.7	116.4	138.4	180.8	0.78	0.00	-3.73
1,946.0	12.39	47.10	1,928.7	129.5	152.4	200.0	0.44	0.43	0.43
2,037.0	12.50	48.90	2,017.5	142.7	167.0	219.6	0.44	0.12	1.98
2,127.0	12.40	49.06	2,105.4	155.4	181.6	239.0	0.12	-0.11	0.18
2,218.0	11.32	48.50	2,194.5	167.7	195.7	257.7	1.19	-1.19	-0.62
2,309.0	10.30	48.10	2,283.9	179.1	208.4	274.8	1.12	-1.12	-0.44
2,400.0	10.20	51.17	2,373.4	189.6	220.8	291.0	0.61	-0.11	3.37
2,490.0	12.48	53.85	2,461.6	200.3	234.8	308.6	2.60	2.53	2.98
2,581.0	12.60	49.90	2,550.5	212.5	250.4	328.4	0.95	0.13	-4.34
2,671.0	14.20	54.40	2,638.0	225.2	266.8	349.2	2.12	1.78	5.00
2,761.0	12.80	53.00	2,725.5	237.7	283.8	370.2	1.60	-1.56	-1.56
2,852.0	14.00	52.70	2,814.1	250.4	300.6	391.2	1.32	1.32	-0.33
2,943.0	13.90	50.60	2,902.4	264.0	317.8	413.1	0.57	-0.11	-2.31
3,033.0	14.20	50.20	2,989.7	277.9	334.6	435.0	0.35	0.33	-0.44
3,124.0	14.30	49.70	3,077.9	292.3	351.8	457.4	0.17	0.11	-0.55
3,214.0	13.80	47.50	3,165.2	306.8	368.2	479.2	0.81	-0.56	-2.44
3,305.0	13.10	48.80	3,253.7	320.9	383.9	500.4	0.84	-0.77	1.43
3,396.0	11.70	47.00	3,342.6	334.0	398.4	519.9	1.60	-1.54	-1.98
3,487.0	11.10	47.80	3,431.8	346.2	411.7	537.9	0.68	-0.66	0.88
3,577.0	11.40	51.50	3,520.0	357.5	425.1	555.4	0.87	0.33	4.11
3,668.0	11.60	50.50	3,609.2	368.9	439.2	573.6	0.31	0.22	-1.10
3,759.0	10.80	50.00	3,698.5	380.2	452.7	591.2	0.89	-0.88	-0.55
3,849.0	10.00	49.00	3,787.0	390.8	465.1	607.5	0.91	-0.89	-1.11
3,940.0	9.90	50.70	3,876.6	400.9	477.1	623.2	0.34	-0.11	1.87
4,031.0	9.80	52.10	3,966.3	410.6	489.3	638.8	0.29	-0.11	1.54
4,122.0	9.90	54.00	4,055.9	420.0	501.7	654.3	0.37	0.11	2.09
4,212.0	10.31	53.89	4,144.6	429.3	514.5	670.1	0.46	0.46	-0.12
4,303.0	10.50	50.80	4,234.1	439.3	527.5	686.5	0.65	0.21	-3.40
4,394.0	10.92	49.30	4,323.5	450.2	540.5	703.4	0.55	0.46	-1.65
4,484.0	11.30	50.80	4,411.8	461.3	553.7	720.7	0.53	0.42	1.67
4,575.0	11.60	47.50	4,501.0	473.1	567.4	738.8	0.79	0.33	-3.63
4,666.0	11.87	46.10	4,590.1	485.8	580.9	757.3	0.43	0.30	-1.54
4,756.0	11.20	45.30	4,678.3	498.4	593.8	775.2	0.77	-0.74	-0.89
4,847.0	11.70	50.00	4,767.4	510.5	607.1	793.2	1.16	0.55	5.16
4,938.0	10.50	52.80	4,856.7	521.5	620.8	810.8	1.45	-1.32	3.08



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S R17E
 Well: H-22-9-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well H-22-9-17
 TVD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
 MD Reference: H-22-9-17 @ 5263.0ft (CAPSTAR 328)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,028.0	10.40	52.18	4,945.2	531.4	633.7	827.1	0.17	-0.11	-0.69
5,119.0	10.80	48.50	5,034.7	542.1	646.6	843.8	0.86	0.44	-4.04
5,210.0	11.00	47.30	5,124.1	553.6	659.4	861.0	0.33	0.22	-1.32
5,288.7	11.70	51.18	5,201.2	563.7	671.1	876.5	1.31	0.88	4.93
H-22-9-17 TGT									
5,300.0	11.80	51.70	5,212.3	565.2	672.9	878.8	1.31	0.92	4.60
5,391.0	12.70	52.70	5,301.2	577.0	688.2	898.1	1.02	0.99	1.10
5,481.0	12.90	52.20	5,389.0	589.1	704.0	918.0	0.25	0.22	-0.56
5,572.0	11.60	50.90	5,477.9	601.1	719.1	937.3	1.46	-1.43	-1.43
5,675.0	10.60	50.40	5,579.0	613.7	734.4	957.1	0.98	-0.97	-0.49
5,725.0	10.60	50.40	5,628.1	619.6	741.5	966.3	0.00	0.00	0.00

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
H-22-9-17 TGT	0.00	0.00	5,200.0	567.2	676.2	7,179,615.56	2,062,641.80	40° 1' 12.475 N	109° 59' 32.178 W
- hit/miss target									
- Shape									
- actual wellpath misses by 6.3ft at 5288.8ft MD (5201.3 TVD, 563.7 N, 671.1 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



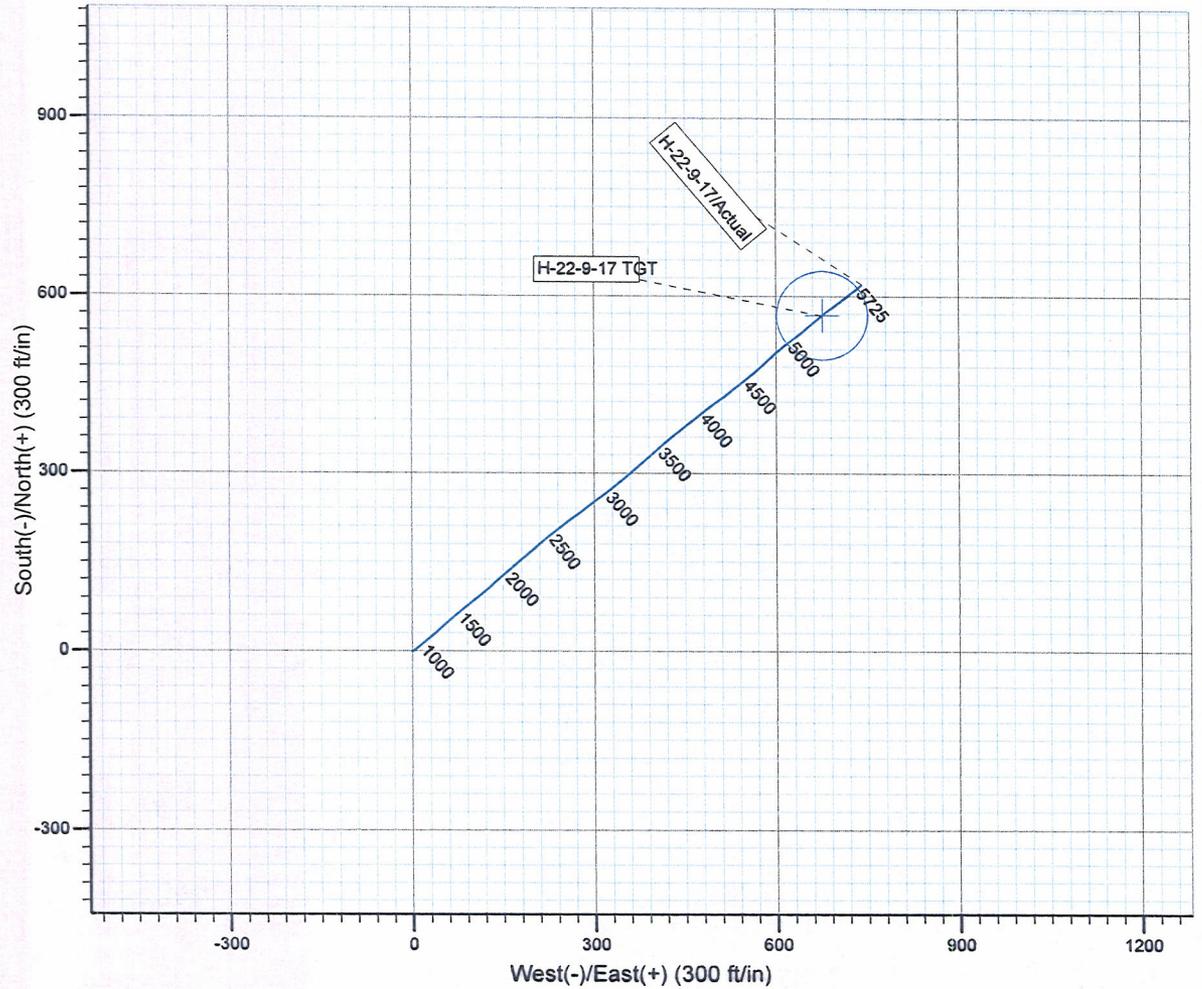
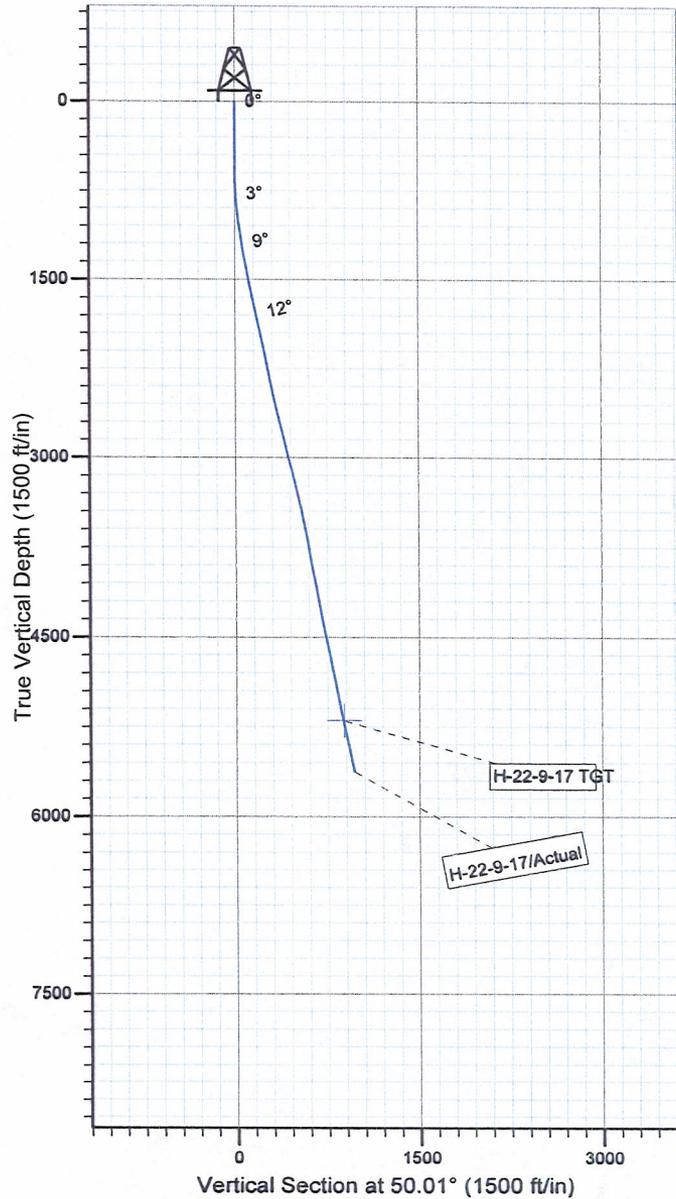
Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S R17E
 Well: H-22-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.42°

Magnetic Field
 Strength: 52373.9snT
 Dip Angle: 65.81°
 Date: 2010/05/19
 Model: IGRF2010



Design: Actual (H-22-9-17/Wellbore #1)

Created By: *Tom Hudson* Date: 21:17, July 01 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

LONE TREE H-22-9-17**3/1/2010 To 7/30/2010****LONE TREE H-22-9-17****Waiting on Cement****Date:** 5/20/2010

Ross #21 at 327. Days Since Spud - with 35 sks, Class G, got cement to surface. BLM and stater were notified, BLM Witnessed. - 327.25'KB, ON 5-20-10 Cemented w/ BJ w/ 160 sks of class G+2%kcl+.25#/sk cello flake mixed @ 1.17 - On 5-17-10 Ross#21 drilled 12 1/4" hole to 325' and P/U and run 7 jts of 8 5/8" J-55, 24#, STC set @ - yield and 15.8 ppg. Did not get cement Back. On 5-21-10 cement w/ 1" pipe from the top

Daily Cost: \$0**Cumulative Cost:** \$36,434**LONE TREE H-22-9-17****Rigging down****Date:** 5/29/2010

Capstar #328 at 327. 0 Days Since Spud - Rig down & get ready to move the rig to the Lone Tree Fed H-22-9-17 on 5/29/10

Daily Cost: \$0**Cumulative Cost:** \$36,784**LONE TREE H-22-9-17****Drill 7 7/8" hole with fresh water****Date:** 5/30/2010

Capstar #328 at 2585. 1 Days Since Spud - & floor valve pipe rams blind rams inside & outside choke valves to 2000#s for 10 min - & Hydril to 1500#s for 10 min & casing to 1500#s for 30 min all ok - Hook up flair lines & Strap BHA - PU BHA Smith PDC Bit Dog sub, Hunting MM, NMDC, Gap sub, Ant sub, NMDC, 25 4.5" HWDP & TIH - & Tag @ 254' - Accepted rig @ 1:00 PM on 5/29/10 held saftey mtg with B&C Quick test & Test bops, Upper kelly valve - Drill 77/8" hole from 254' to 2585' WOB= 12/20 RPMS= 184 GPM= 409 ROP= 179' pr hr - Move rig 1/4 of a mile & Rig up w/ Howcroft Trucking on the Lone Tree Fed H-22-9-17 on 5/29/10 - Nipple up Bops

Daily Cost: \$0**Cumulative Cost:** \$98,786**LONE TREE H-22-9-17****Drill 7 7/8" hole with fresh water****Date:** 5/31/2010

Capstar #328 at 5214. 2 Days Since Spud - Drill 77/8" hole from 3990' to 5214' WOB= 14/20 RPMS= 184 GPM= 409 ROP= 81.6' pr hr - Rig serv - Drill 77/8" hole from 2585' to 3990' WOB= 14/20 RPMS= 184 GPM= 409 ROP= 165' pr hr

Daily Cost: \$0**Cumulative Cost:** \$120,616**LONE TREE H-22-9-17****Cleaning mud pits****Date:** 6/1/2010

Capstar #328 at 5725. 3 Days Since Spud - Drill 77/8" hole from 5214' to 5725' WOB= 20 RPMS= 184 GPM= 409 ROP= 113' pr hr Well flowing @ 5590' - Circ f/ laydown - LDDP to 3514' - Pump 260 bbls of brine wtr lost returns pumped down back side to get returns - LDDP & BHA - Held saftey mtg w/ Phoenix Survey Inc & log w/ Duel Guard Gamma Ray Compensated Density - Compensated Neutron Gamma Ray - RU to run 5.5 casing - Run 131 jts of 5.5 J55 15.5# LT&C shoe @ 5714.78' & Float collar @ 5668.03' 4 jts will be Trans to -

Monumont Butte East State H-36-8-16 - Circ f/ cmt job - Held saftey mtg & RU BJ cemented w/ 225 sks mixed @ 11 ppg 3.53 yeild PLII+3%KCL+5#CSE+0.5#CF+2#KOL+ - .5SMS+FP+SF & 400sks of tail cement mixed @ 14.4 ppg 1.24 yeild 50:50:2+3%KCL+0.5% EC-1+.25#CF+.05#SF - +.3SMS+FP-6L - Nipple down & Set 5.5 casing slips w/ 80,000#s - Clean mud pits - 20 gpm

Daily Cost: \$0

Cumulative Cost: \$258,431

LONE TREE H-22-9-17

Cleaning mud pits

Date: 6/2/2010

Capstar #328 at 5725. 4 Days Since Spud - Release rig @ 9:00 AM on 6/1/10 - Clean mud pits **Finalized**

Daily Cost: \$0

Cumulative Cost: \$260,401

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 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 H-22-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013341580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1863 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/19/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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" value="Well Clean Out"/>

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

The above mentioned well has had a history of scale. Newfield will be doing a well clean out of the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.

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

Date: August 25, 2016
 By: *Dark Oust*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/19/2016	

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 Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: LONE TREE FED H-22-9-17	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013341580000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1863 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW 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: 8/23/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Well Clean Out"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The well clean out has been completed on the above mentioned well. See attached job summary report.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 02, 2016			
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		DATE 8/30/2016	

LiteChem Acid Job Procedure



8/22/2016

Derwin Priebe
 Hope Weller
 Newfield Exploration

Lone Tree H-22-9-17

LiteChem Acid Cleanup Treatment Volumes

Table 1: Recommended Volume for HCl Acid Cleanup

Stage	Chemical	Volume
<i>Pre Flush</i>	Fresh Water	10 gallons
<i>Pre Flush</i>	PAW3900	5 gallons
<i>Pre Flush</i>	FAW21	1 gallon
<i>Main Pill</i>	15% HCl Acid	110 gallons
<i>Main Pill</i>	CRO242ES	.5 gallons
<i>Main Pill</i>	PAW3900	10 gallons
<i>Main Pill</i>	FAW21	6 gallons
<i>1st Over Flush</i>	Fresh Water	277 gallons
<i>1st Over Flush</i>	FAW21	3 gallons
<i>1st Over Flush</i>	CRW9220	5 gallons
<i>1st Over Flush</i>	SCW356	5 gallons
<i>2nd Over Flush</i>	Fresh Water	71 gallons
<i>2nd Over Flush</i>	FAW21	1 gallons

Treatment recommendation needs to be applied as follows:

1. RUMO LiteChem equipment with necessary chemical and fresh water volumes
2. Inspect the equipment and tank vessels for condition/cleanliness (no solids, residual chemicals, crude or water should be present).
3. Conduct a pretreatment safety meeting with all personnel on location. **Review all related Material Safety Data Sheets and handling of dangerous goods. Take all necessary precautions when handling the chemicals.**
4. Stage recommended volume for treatment of **Fresh Water, PAW3900, 15% HCl, CRO242ES and FAW21** (See Table 1) on location
5. **Clutch unit and shut tubing and casing in at surface to ensure treatment to go down casing**
6. Load the recommended *Pre Flush Volume* of **Fresh Water, PAW3900 and FAW21** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**

LiteChem Acid Job Procedure



7. Load the recommended *Main Pill Volume* of **15% HCl, CRO242ES, PAW3900** and **FAW21** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**
8. Load the recommended *1st Over Flush Volume* of **Fresh Water, FAW21, CRW9220, and SCW356** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**
9. **Wait 30 minutes in-between pumping step 8 and 9.** Load the recommended *2nd Over Flush Volume* of **Fresh Water and FAW21** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**
10. Disconnect LiteChem equipment
11. **Leave well shut in for a minimum of 12-24 hours and return to production**