

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

March 22, 2007

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

RE: Applications for Permit to Drill
Greater Boundary II Federal 9-19-8-17
Greater Boundary II Federal 12-20-8-17
Greater Boundary II Federal 3-21-8-17
Greater Boundary II Federal 4-21-8-17
Roberts 1-21-8-17
Roberts 2-21-8-17

Dear Diana:

Enclosed find APD's on the above referenced wells. All are for Fee Surface Locations, please Contact Dave Allred to set up a State On-Site. The proposed 9-19-8-17, 12-20-8-17, 1-21-8-17, 2-21-8-17, and 4-21-8-17 locations are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
MAR 23 2007
DIV. OF OIL, GAS & MINING

STATE OF UTA
 DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK DRILL DEEPEN RE-ENTER

1b. TYPE OF WELL OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (FOOTAGE)
 At Surface **NE/NE 585033X 822' FNL 288' FEL**
 At proposed Producing Zone **4440063Y 40.108409 -110.002218**

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Greater Boundary II

9. WELL NO.
Roberts 1-21-8-17

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NE/NE Sec. 21, T8S, R17E

12. County
Duchesne

13. STATE
UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12.3 miles southeast of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
Approx. 288' f/lse line and 288' f/unit line

16. NO. OF ACRES IN LEASE
NA

17. NO. OF ACRES ASSIGNED TO THIS WELL
Approx. 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approx. 2652'

19. PROPOSED DEPTH
6700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5180' GL

22. APPROX. DATE WORK WILL START*
3rd Quarter 2007

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
See Detail Below				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 3/22/2007
Mandie Crozier

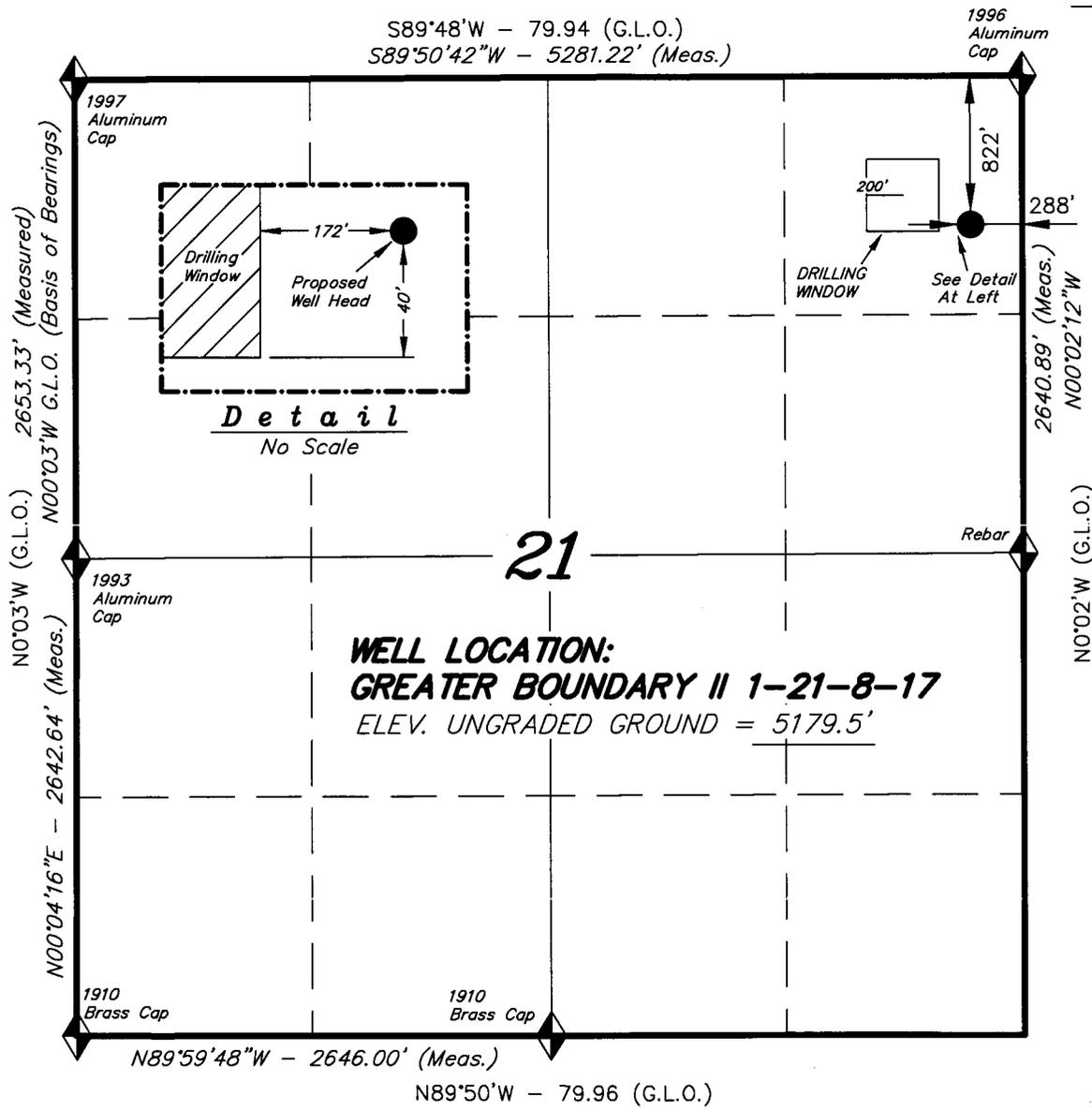
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API Number Assigned: 43-013-33598 APPROVAL: _____

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T8S, R17E, S.L.B.&M.

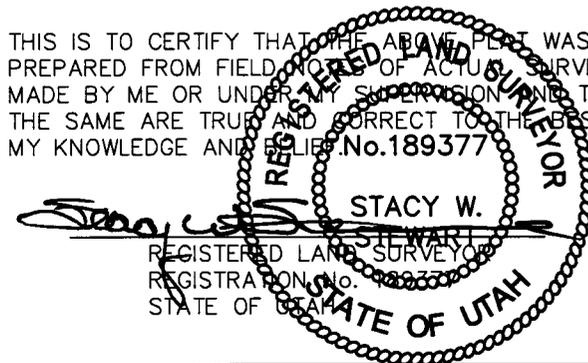
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, GREATER BOUNDARY II 1-21-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 21, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

**GREATER BOUNDARY II 1-21-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 06' 30.59"
 LONGITUDE = 110° 00' 10.92"**

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 01-10-07	SURVEYED BY: C.M.
DATE DRAWN: 01-18-07	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
ROBERTS 1-21-8-17
NE/NE SECTION 21, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 2745'
Green River	2745'
Wasatch	6700'

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

Green River Formation 2745' – 6700' – Oil

4. PROPOSED CASING PROGRAM:

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to Exhibit C for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with air mist system to 3200', then from 3200' +/- to TD a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

Surface – 3200'
3200' – TD'

MUD TYPE

fresh water or air/mist system
fresh water system

From surface to \pm 3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's preference. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2007, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
ROBERTS 1-21-8-17
NE/NE SECTION 21 T8S, R17E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Roberts 1-21-8-17 located in the NE¼ NE¼ Section 21, T8S, R17E, S.L.E. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 6.1 miles ± to its junction with an existing dirt road to the east; proceed easterly - 0.9 miles ± to its junction with an existing road to the south; proceed southerly - 0.9 miles ± to its junction with an existing road to the east; proceed easterly - 2.4 miles ± to its junction with an existing road to the north; proceed northerly - 0.4 miles ± to its junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road - 110' ± to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 110' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to EXHIBIT B.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – EXHIBIT A.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (20' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the cement cuttings removed from the wellbore.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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

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

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours or as to meet the land owners request. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Wade Price, Duchesne County, Utah.

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during re-entry operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey will be forthcoming.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Roberts 1-21-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Roberts 1-21-8-17 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630

Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production is considered to be the operator of well #1-21-8-17, NE/NE Section 21, T8S, R17E, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

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 Resources, Inc. 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 the 18 U.S.C. 1001 for the filing of a false statement.

3/22/07
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

SURFACE AGREEMENT

THIS AGREEMENT made and entered into and between JOHN PRICE and BRENDA PRICE, his wife, whose address is _____, and JAY PRICE AND BECKY PRICE, his wife, whose address is _____, and EVAN PROBST and DEZZIE PROBST, his wife, whose address is _____, hereinafter called "Price, et al." and LOMAX EXPLORATION COMPANY, P.O. Box 4503, Houston, TX 77210-4503 hereinafter called "Lomax".

W I T N E S S E T H:

WHEREAS, Lomax owns or controls, by assignment, rights and interests in United States Oil and Gas Lease, Serial No. U-50376, which covers the following described lands situated in Duchesne County, Utah:

Township 8 South Range 17 East, SLM

- Section 17: All
 - Section 18: Lots 1 and 2
 - Section 19: Lots 3-5, E $\frac{1}{2}$, NE $\frac{1}{2}$ SW $\frac{1}{2}$
 - Section 20: All
 - Section 21: W $\frac{1}{2}$, SE $\frac{1}{2}$
- (containing 1705.60 acres, more or less); and

WHEREAS, Lomax has drilled and completed its 15-20 well in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 20, Township 8 South, Range 17 East, SLM, and intends to conduct drilling and producing operations on other lands in the area on the described United States Oil and Gas Lease; and

WHEREAS, Price, et al are either the owners in fee or contract purchasers of the surface to a portion of the lands described above, including the 15-20 Well location; and

WHEREAS, the parties desire to settle their disputes on all claims for use of the surface and damage to crops and interruption or interference with agricultural improvements arising from the drilling, completion and production activities and operations on the 15-20 Well, and agree as to the measure of surface

RECEIVED

MAR 23 2007

IN WITNESS WHEREOF, the parties have executed this Agreement
as of the 29 day of May, 1984.

John Price
John Price

Brenda Price, his wife

Jay Price
Jay Price

Becky Price
Becky Price, his wife

Evan Probst
Evan Probst

Dezzie Probst
Dezzie Probst, his wife

LOMAX EXPLORATION COMPANY

Attest:

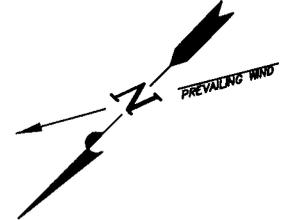
Lynne Sartlett
Secretary

BY Gian Scates
Its

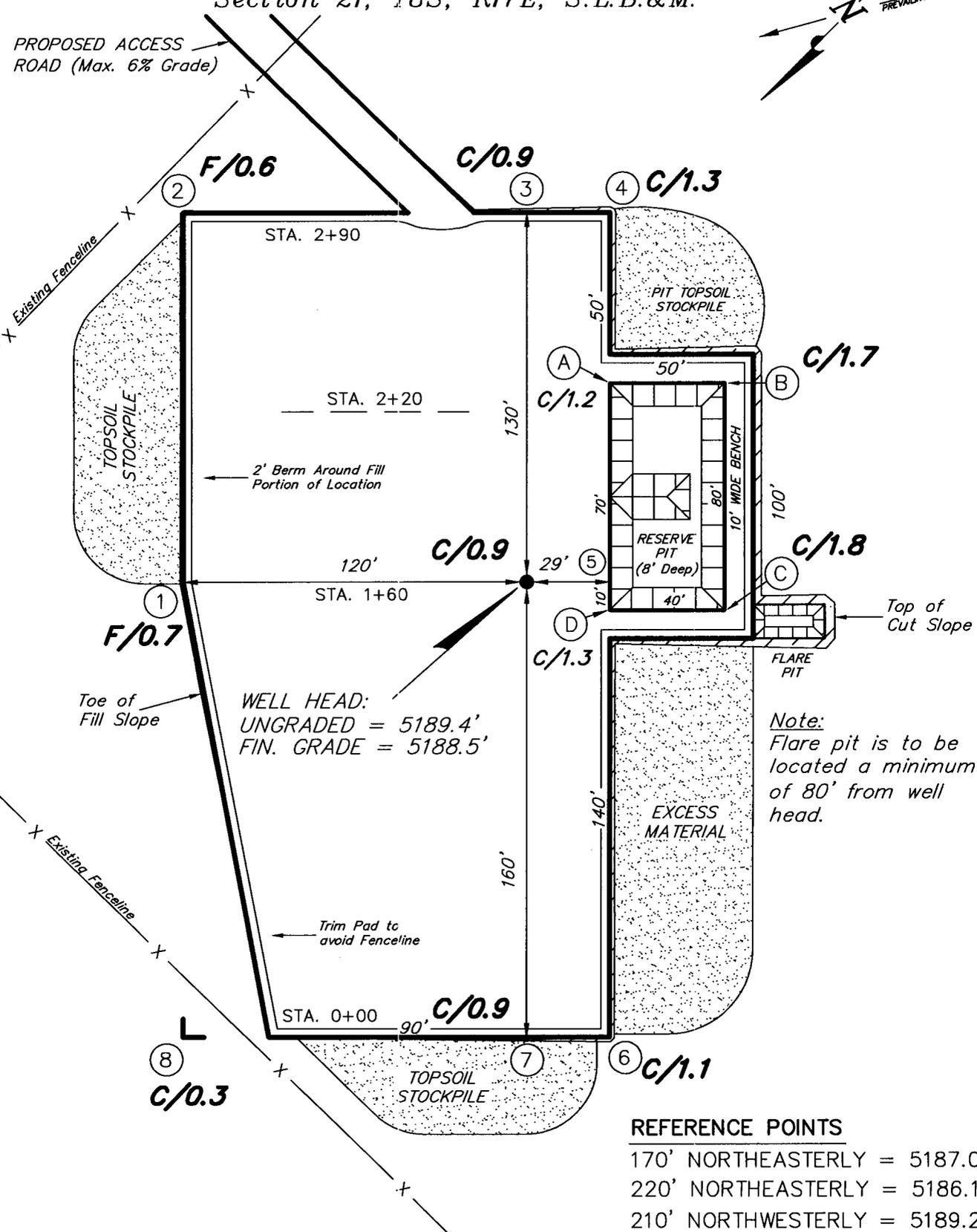
NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY II 1-21-8-17

Section 21, T8S, R17E, S.L.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)



WELL HEAD:
UNGRADED = 5189.4'
FIN. GRADE = 5188.5'

Note:
Flare pit is to be located a minimum of 80' from well head.

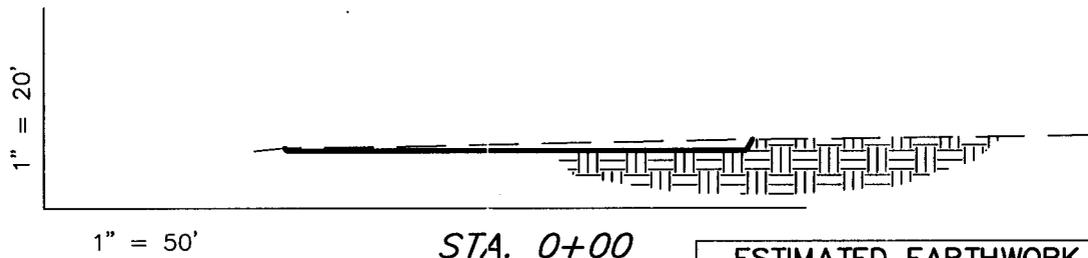
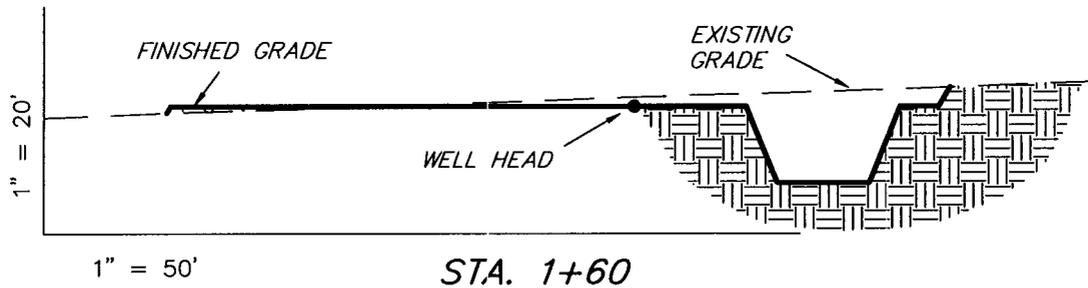
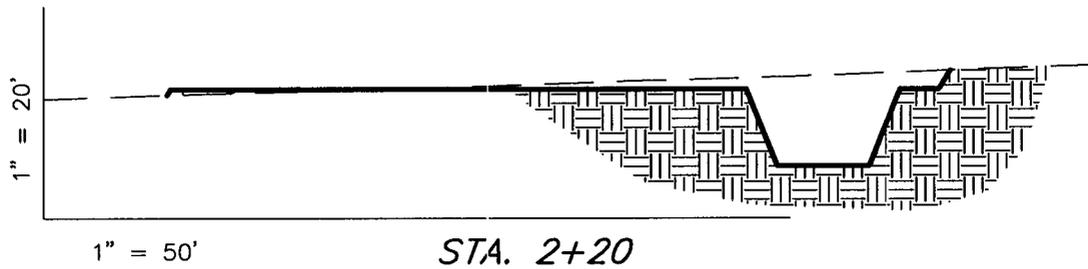
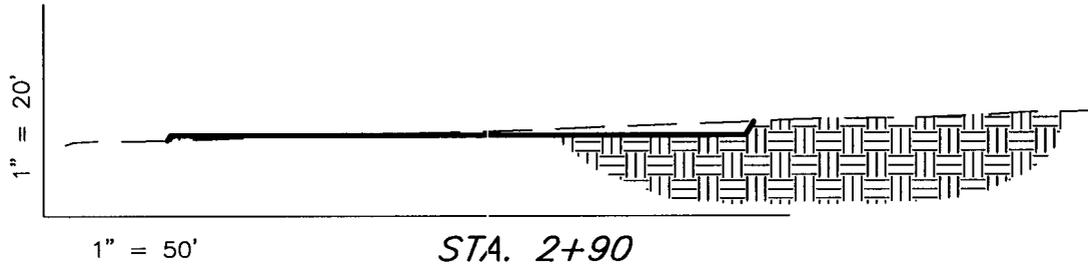
REFERENCE POINTS

170' NORTHEASTERLY	= 5187.0'
220' NORTHEASTERLY	= 5186.1'
210' NORTHWESTERLY	= 5189.2'
260' NORTHWESTERLY	= 5188.2'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: T.C.J.	DATE: 02-22-07

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

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
GREATER BOUNDARY II 1-21-8-17



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	460	450	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	1,100	450	880	650

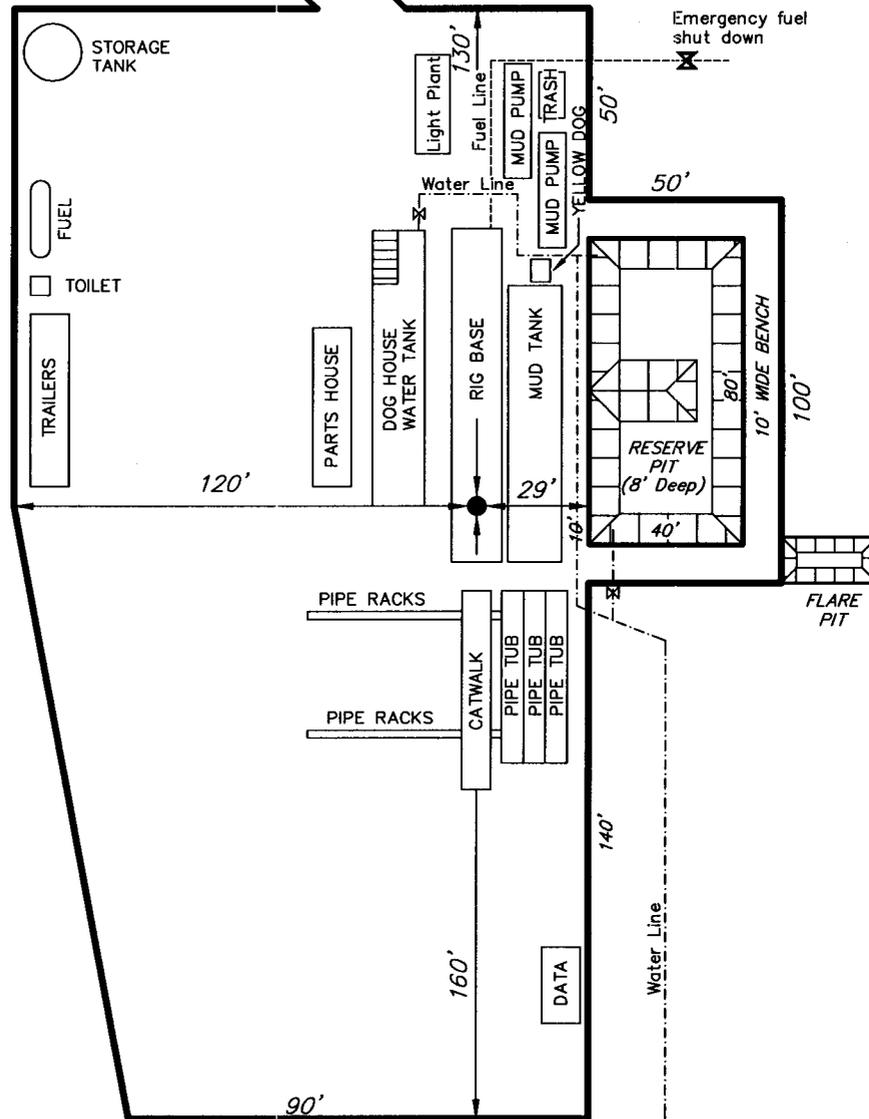
NOTE:
 UNLESS OTHERWISE NOTED
 ALL CUT/FILL SLOPES ARE
 AT 1.5:1

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: T.C.J.	DATE: 02-22-07

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

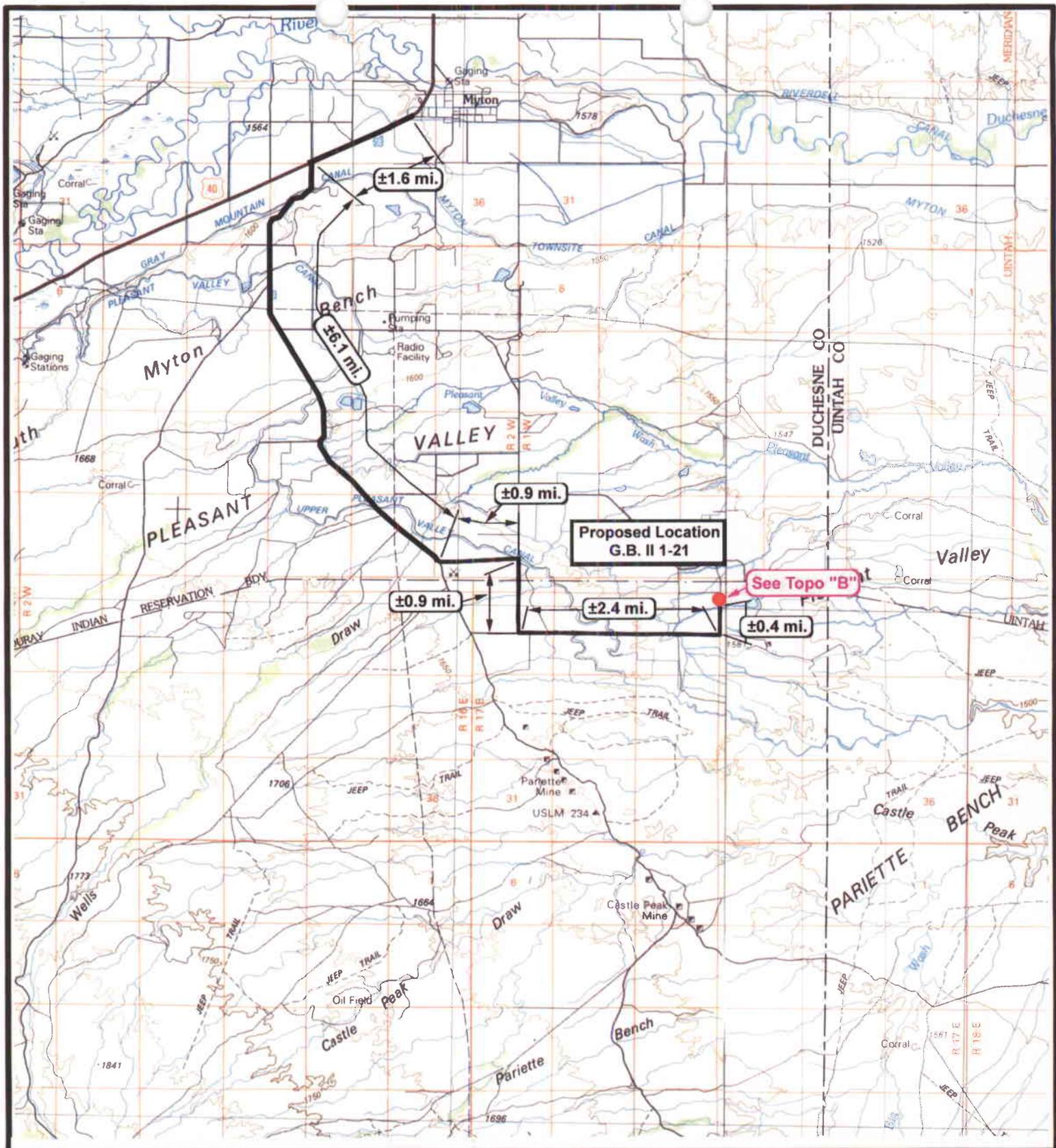
NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
GREATER BOUNDARY II 1-21-8-17

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: T.C.J.	DATE: 02-22-07

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




NEWFIELD
 Exploration Company

Greater Boundary II 1-21-8-17
SEC. 21, T8S, R17E, S.L.B.&M.



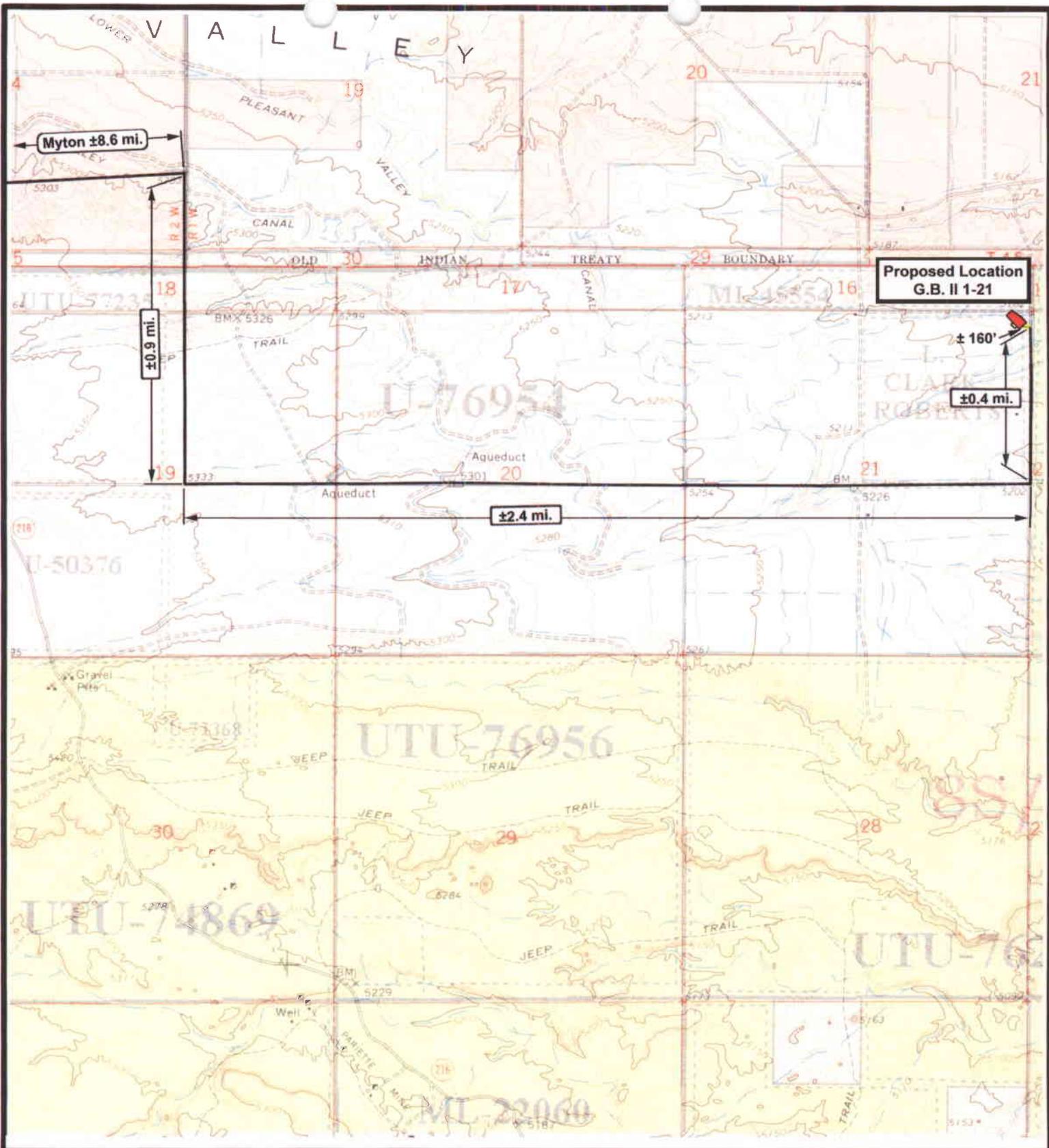

Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 03-15-2007

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



 **NEWFIELD**
Exploration Company

Greater Boundary II 1-21-8-17
SEC. 21, T8S, R17E, S.L.B.&M.



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

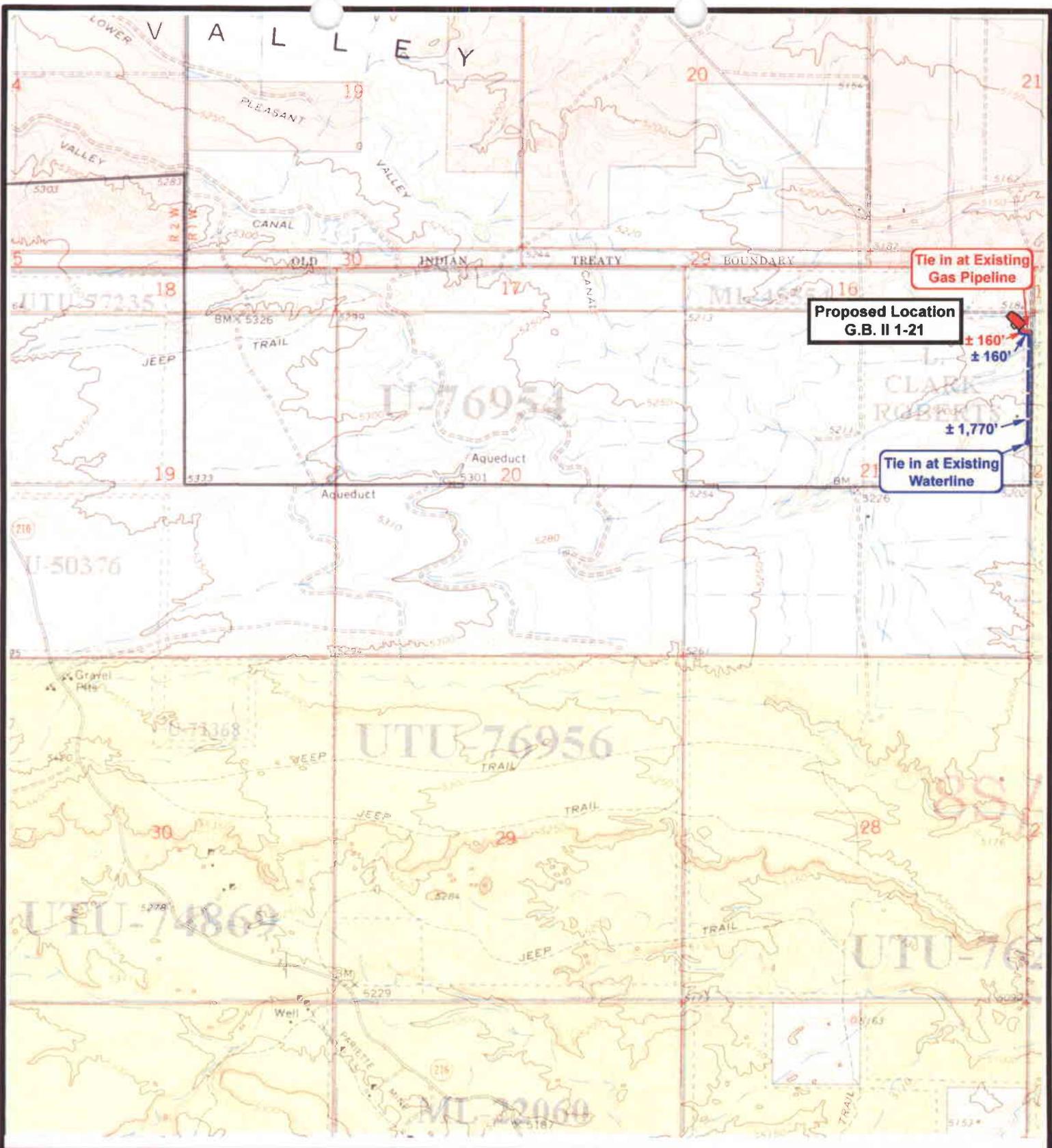
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-15-2007

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

"B"




NEWFIELD
 Exploration Company

Greater Boundary II 1-21-8-17
SEC. 21, T8S, R17E, S.L.B.&M.



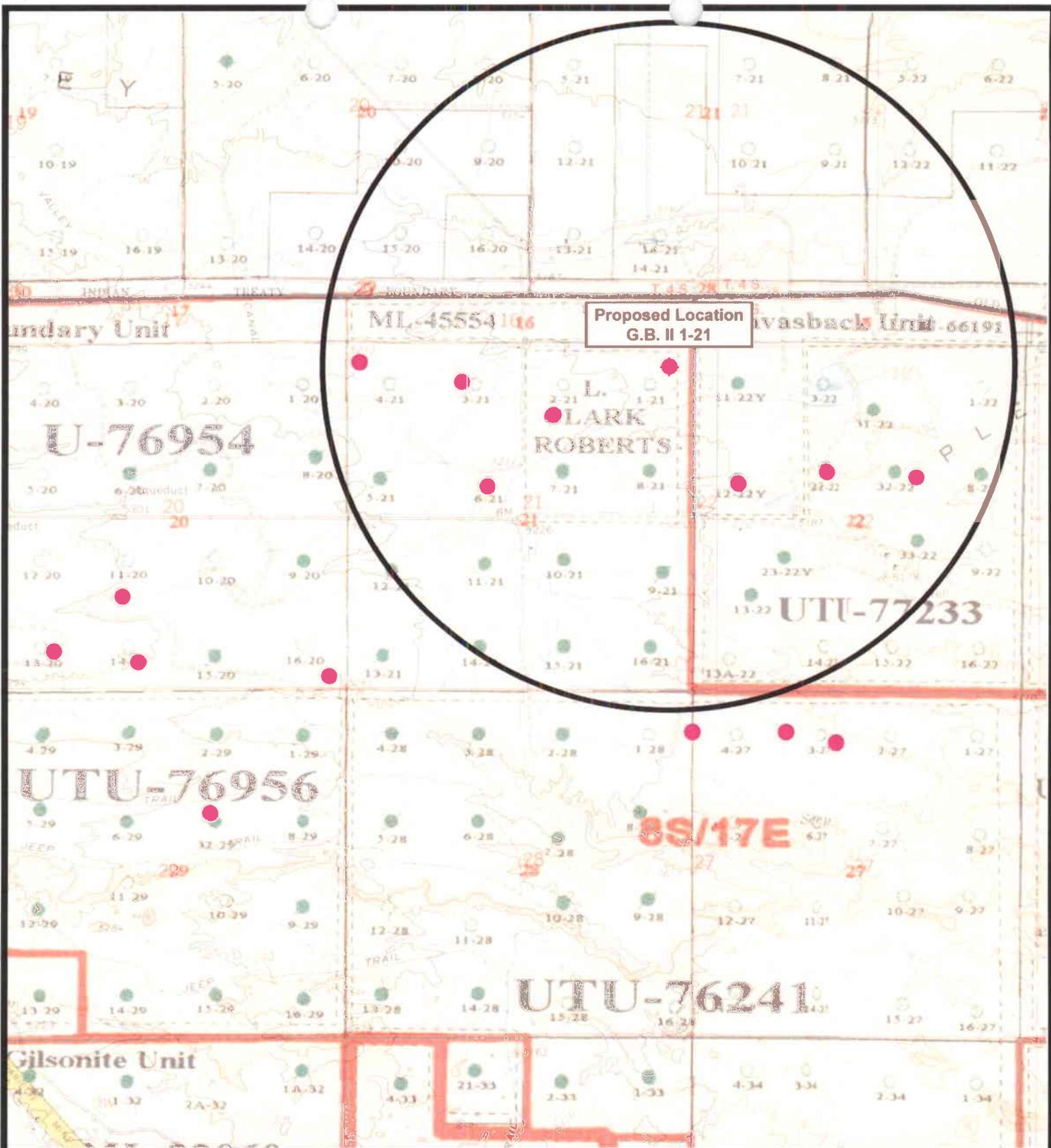

 Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 03-15-2007

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"



Proposed Location
G.B. II 1-21

NEWFIELD
Exploration Company

Greater Boundary II 1-21-8-17
SEC. 21, T8S, R17E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-15-2007

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

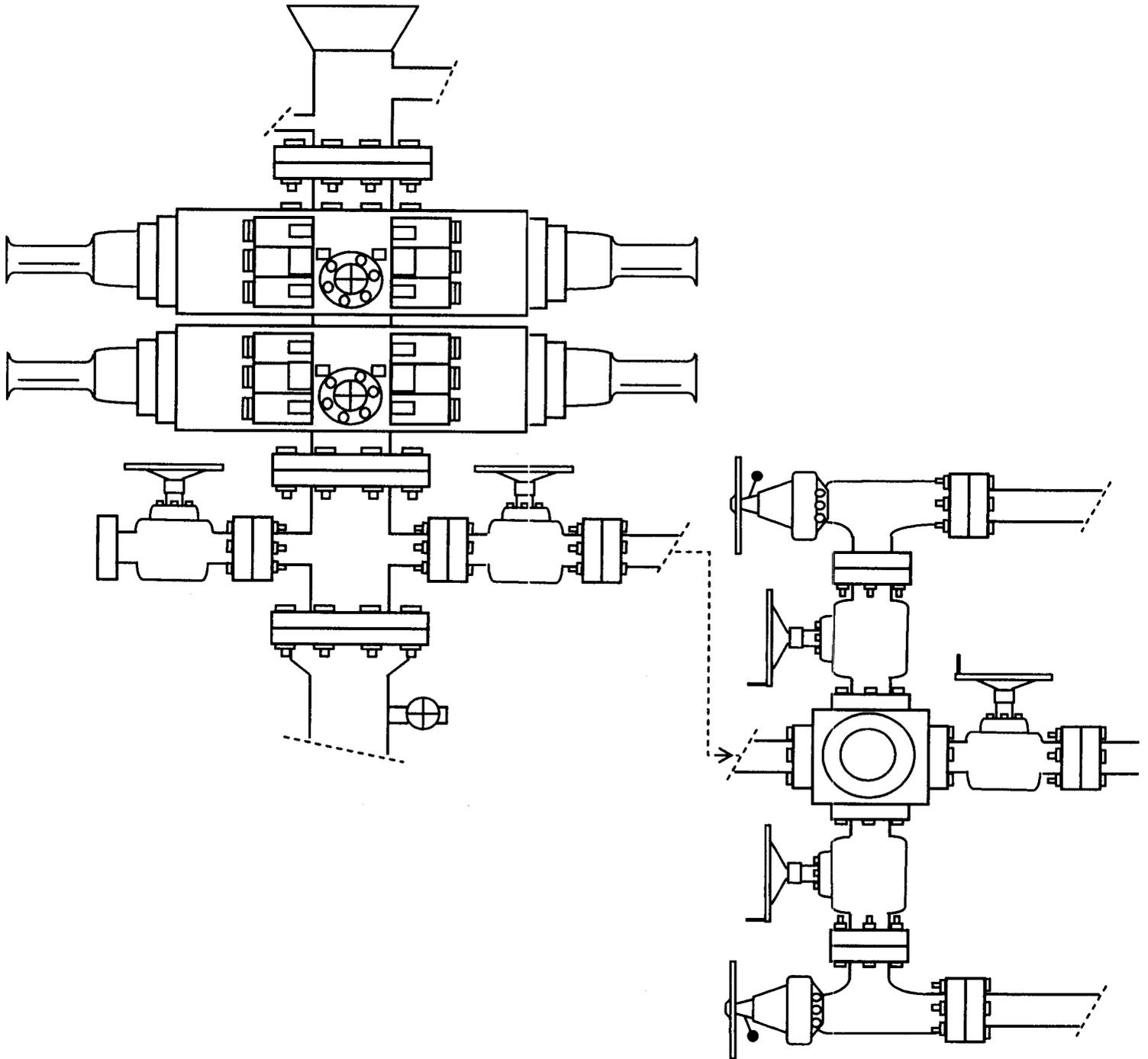


EXHIBIT C

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)

March 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Greater Boundary 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 2007 within the Greater Boundary Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33599	GB Fed II 09-19-8-17	Sec 19 T08S R17E 2297 FSL 1151 FEL
43-013-33600	GB Fed II 12-20-8-17	Sec 20 T08S R17E 2306 FSL 0886 FWL
43-013-33601	GB Fed II 03-21-8-17	Sec 21 T08S R17E 0626 FNL 1836 FWL
43-013-33602	GB Fed II 04-21-8-17	Sec 21 T08S R17E 0346 FNL 0285 FWL
43-013-33597	Roberts 02-21-8-17	Sec 21 T08S R17E 0227 FNL 2345 FEL
43-013-33598	Roberts 01-21-8-17	Sec 21 T08S R17E 0822 FNL 0288 FEL

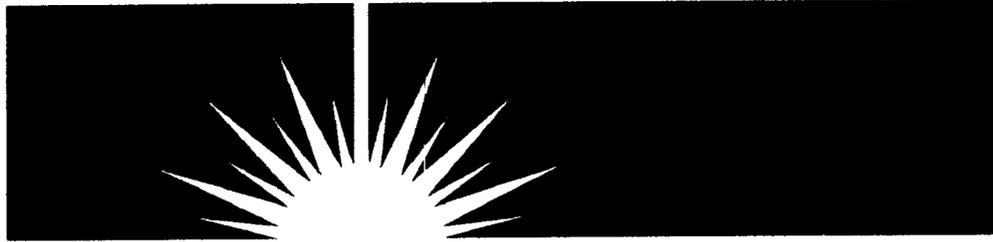
Our records indicate the Roberts 01-21-8-17 is closer than 460 feet from the Greater Boundary Unit boundary.

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

/s/ Michael L. Coulthard

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

NEWFIELD



April 5, 2007

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

RE: APD Amendment.

Dear Diana:

Since submission of the Roberts 1-21-3-17, the location was moved as per the request of the Surface Owner. Enclosed in a new top form page of the APD and a new plat page. The remainder of the APD will remain the same.

Sincerely,

Mandie Crozier
Regulatory Specialist

enclosures

RECEIVED
APR 09 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN			5. LEASE DESIGNATION AND SERIAL NO. FEE	
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/>			7. UNIT AGREEMENT NAME N/A	
1b. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. FARM OR LEASE NAME Greater Boundary II	
2. NAME OF OPERATOR Newfield Production Company			9. WELL NO. Roberts 1-21-8-17	
3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721			10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (FOOTAGE) At Surface NE/NE 5850564 213' FNL 226' FEL 40-110144 At proposed Producing Zone 44402494 -110.001983			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NE Sec. 21, T8S, R17E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12.3 miles southeast of Myton, UT			12. County Duchesne	13. STATE UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 213' f/lse line and 226' f/unit line	16. NO. OF ACRES IN LEASE NA	17. NO. OF ACRES ASSIGNED TO THIS WELL Approx. 40		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 2133'	19. PROPOSED DEPTH 6700'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5189' GL			22. APPROX. DATE WORK WILL START* 3rd Quarter 2007	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
See Detail Below				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 4/5/2007

(This space for State use only)
 API Number Assigned: 43-013-3398 APPROVAL: _____

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

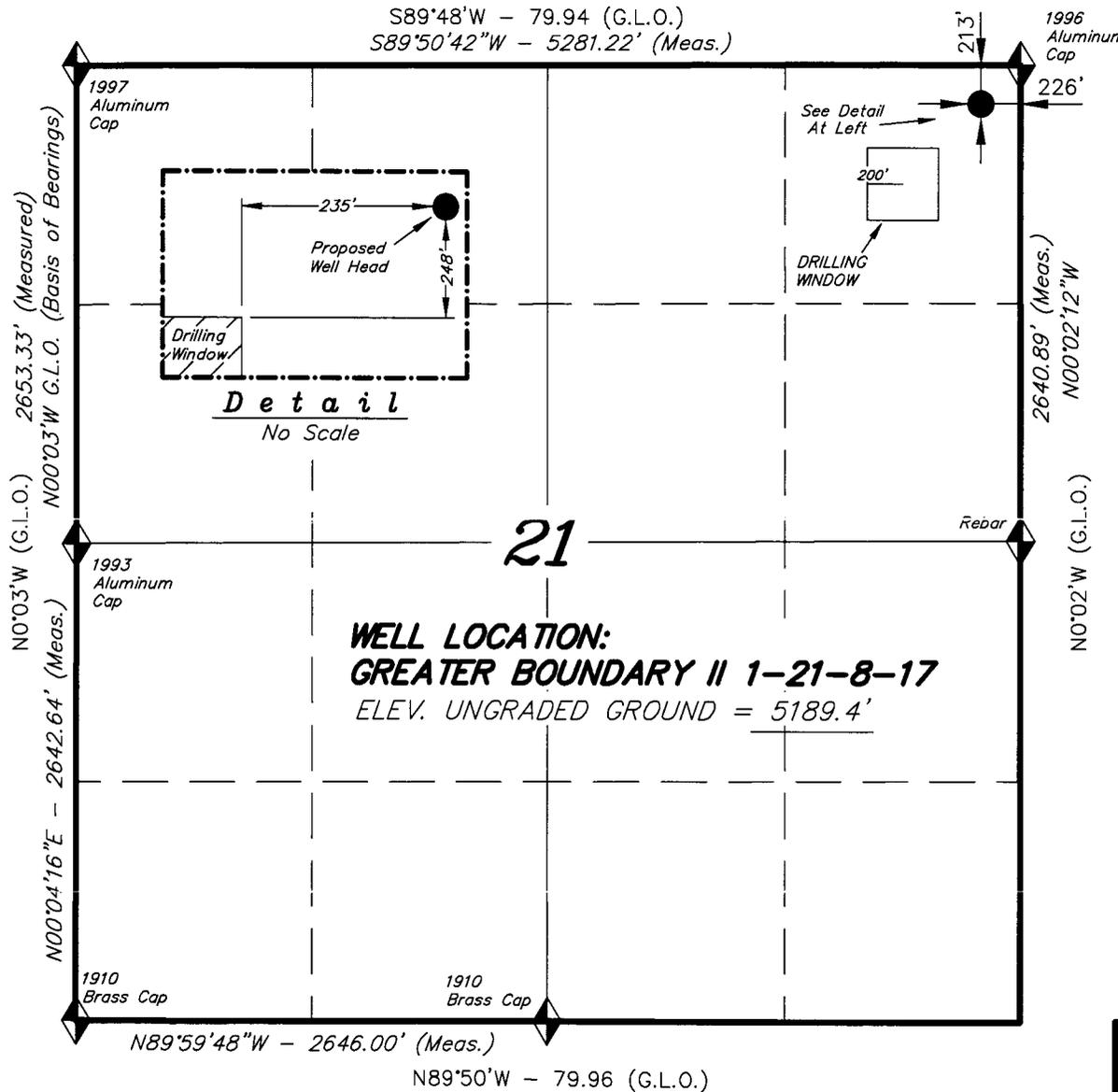
Date: 04-30-07
 By: [Signature]

*See Instructions On Reverse Side

RECEIVED
APR 09 2007
 DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

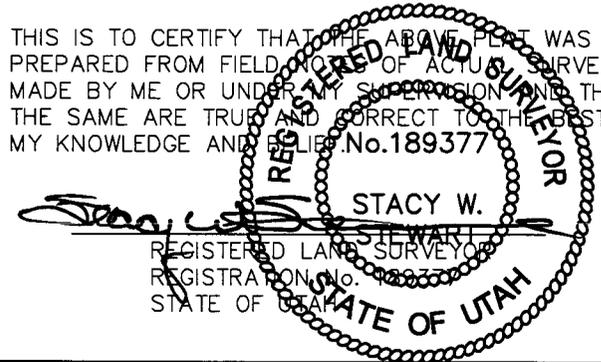
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, GREATER BOUNDARY II 1-21-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 21, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY II 1-21-8-17
(Surface Location) NAD 83
LATITUDE = 40° 06' 36.61"
LONGITUDE = 110° 00' 10.11"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 02-14-07	SURVEYED BY: C.M.
DATE DRAWN: 02-22-07	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

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)

April 9, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Greater Boundary
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 well is planned for calendar year 2007 within the Greater Boundary Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-33598	Roberts 01-21-8-17	Sec 21 T08S R17E 0213 FNL 0226 FEL
--------------	--------------------	------------------------------------

This well was reviewed in our memo dated March 29, 2007. The location has subsequently changed.

Our records indicate the Roberts 01-21-8-17 is closer than 460 feet from the Greater Boundary Unit boundary.

We have no objections to permitting the well 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 - Greater Boundary Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-9-07

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/09/2007

API NO. ASSIGNED: 43-013-33598

WELL NAME: ROBERTS 1-21-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 21 080S 170E
 SURFACE: 0213 FNL 0226 FEL
 BOTTOM: 0213 FNL 0226 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.11014 LONGITUDE: -110.0020
 UTM SURF EASTINGS: 585056 NORTHINGS: 4440249
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/30/07
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: GREATER BOUNDARY II (GR)
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 225-04
Eff Date: 9-22-2004
Siting: Suspended from DTS
- ___ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (04-20-07)

STIPULATIONS:

1- STATEMENT OF BASIS



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 225-04 / 9-22-2004



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

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

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



PREPARED BY: DIANA MASON
DATE: 10-APRIL-2007

Application for Permit to Drill

Statement of Basis

4/24/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
364	43-013-33598-00-00		OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY	Surface Owner-APD			
Well Name	ROBERTS 1-21-8-17	Unit	GREATER BOUNDARY II (GR)		
Field	MONUMENT BUTTE	Type of Work			
Location	NENE 21 8S 17E S 213 FNL 226 FEL	GPS Coord (UTM)	585056E 4440249N		

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 200'. A search of Division of Water Rights records shows five water wells within a 10,000 foot radius of the center of section 21. These wells are from .25 miles to one mile from the proposed location and depth is not listed. The wells are owned by private individuals and are listed for use as stock watering, domestic and irrigation. Considering the shallow depth of the base of moderately saline ground water it is assumed that all these wells are less than 200 feet deep. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells.

Brad Hill
APD Evaluator

4/24/2007
Date / Time

Surface Statement of Basis

The proposed location is approximately 12.3 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Ut and about 13 miles downstream from the location. Broad flats frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Seeps are common in the draws. Access is by State and County roads. One hundred and sixty feet of new construction across private land will be required to reach the location.

The location is on the northeast corner of an flat agricultural field. The staked location has been moved to the north to miss as much of the area irrigated by a pivot sprinkler as possible. The reserve pit area is planned within the outer edge of the area being irrigated. The northeast side of the location has been tapered so as not to cross the fence line and remain on the property. No draws intersect the location and no diversions will be required.

The surface of the location is owned Wade Price. Mr. Price attended the pre-site visit. He had no concerns not already considered and included in the surface owner agreement except that drilling not occur when cows are grazing the field. A metal gate will be installed at the property line. Fencing of the location is not planned.

The location appears to be a suitable site for drilling and operating a well.

Floyd Bartlett
Onsite Evaluator

4/20/2007
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

4/24/2007

Page 2

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name ROBERTS 1-21-8-17
API Number 43-013-33598-0 **APD No** 364 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NENE **Sec** 21 **Tw** 8S **Rng** 17E 213 FNL 226 FEL
GPS Coord (UTM) 585051 4440257 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred and Kim Swasey (Newfield), Corey Stewart (Tri-state Land Surveying), Charles Macdonald (BLM), Wade Price (Land Owner), John Price (Wade Price's father)

Regional/Local Setting & Topography

The proposed location is approximately 12.3 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Ut and about 13 miles downstream from the location. Broad flats frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Seeps are common in the draws. Access is by State and County roads. One-hundred and sixty feet of new construction across private land will be required to reach the location.

The location is on the northeast corner of a flat agricultural field. The staked location has been moved to the north to miss as much of the area irrigated by a pivot sprinkler as possible. The reserve pit area is planned within the outer edge of the area being irrigated. The northeast side of the location has been tapered so as not to cross the fence line and remain on the property. No draws intersect the location and no diversions will be required.

The surface of the location is owned Wade Price. The minerals are FEE owned.

Surface Use Plan

Current Surface Use

Grazing
Grazing
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.01	Width 199	Length 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Alfalfa field bordered on the edge by annual weeds.

Cattle,deer, small mammals and birds.

Soil Type and Characteristics
Deep loamy sand.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	40
		1 Sensitivity Level

Characteristics / Requirements

40' x 80' x 8' deep located in an area of cut on the southeast side of the location. Liner is required. Newfield commonly uses a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

With the increased traffic on the road to the east increased dust will fall on the adjacent alfalfa. Prices and Newfield will work with the Duchesne County to get the road paved or treated for dust reduction.

Floyd Bartlett
Evaluator

4/20/2007
Date / Time

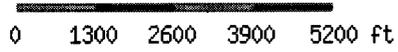
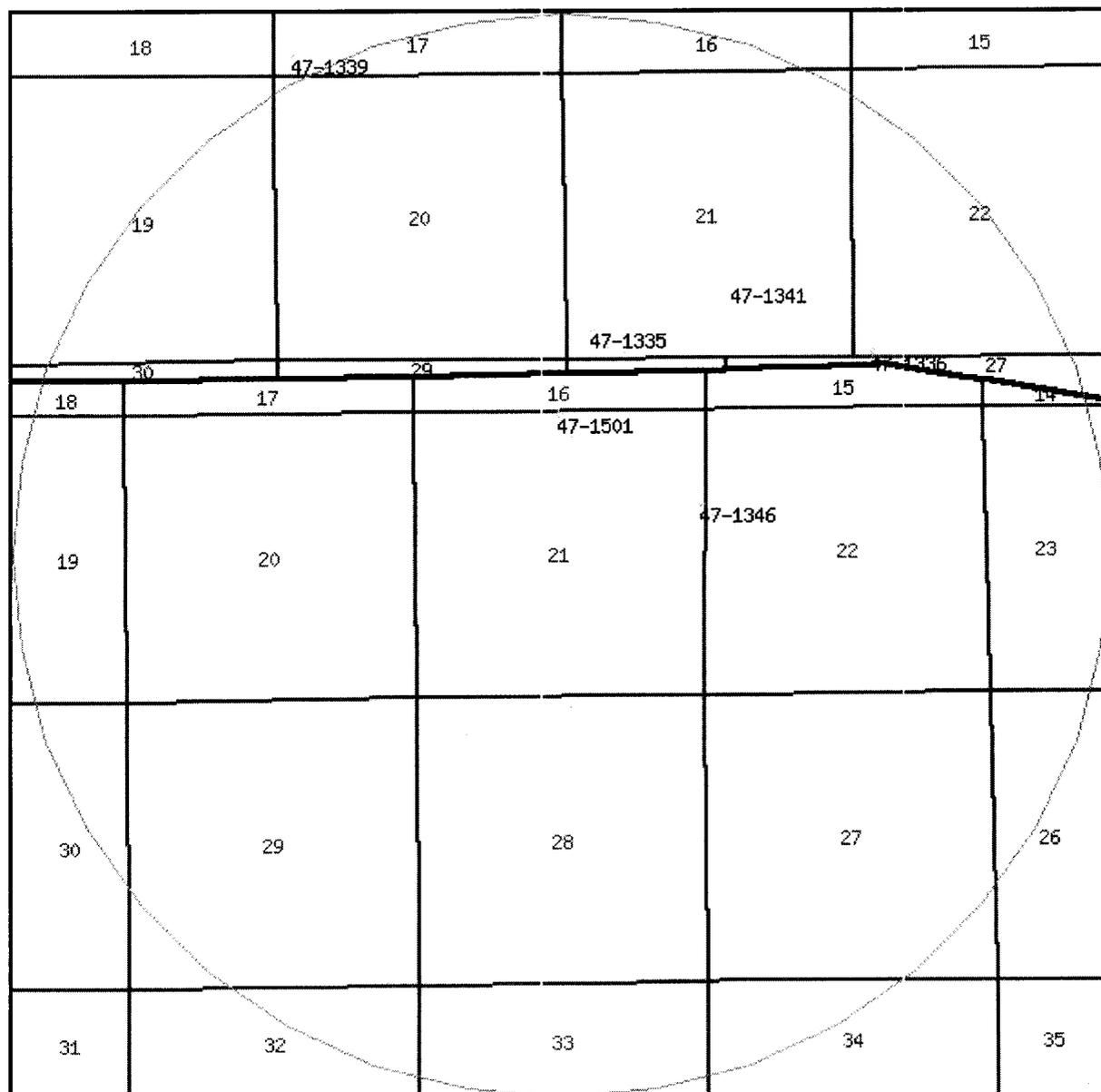
[utah.gov](#)
[Online Services](#)
[Agency List](#)
[Business](#)
[Google](#)

Utah Division of Water Rights

WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 04/24/2007 02:41 PM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 21, Township 8S, Range 17E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner
<u>47-1335</u>	Underground S2050 E470 W4 21 4S 1W US		P	19470807	D	0.015	0.000	HOWARD D MYTON UT
<u>47-1336</u>	Underground N80 E340 SW 22 4S 1W US		P	19470310	D	0.015	0.000	ANDREW M MYTON UT
<u>47-1339</u>	Underground N375 E347 SW 17 4S 1W US		P	19510303	DIS	0.015	0.000	KEN HIGLE MYTON UT
<u>47-1341</u>	Underground N1350 W2230 SE 21 4S 1W US		P	19511018	DS	0.015	0.000	DEAN D. RC 68 EAST 40C
<u>47-1346</u>	Underground S1730 W100 NE 21 8S 17E SL		P	19550318	D	0.015	0.000	LOUIS CLAI MYTON UT
<u>47-1501</u>	Underground S50 W50 N4 21 8S 17E SL		P	19630905	DIS	0.015	0.000	CLARK ANI ABEGGLEN MYTON UT

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

- 2007-04 Newfield Roberts 1-21-8-17

Casing Schematic

Surface

12'

28'

BHP $0.052(6700)8.4 = 2927 \text{ psi}$
anticipate 2000 psi

8-5/8"
MW 8.4
Frac 19.3

TOC @
303.
to TOC @
Surface
290. MD

ilinta
BMSW

known to be - common practice in area

Good $0.12(6700) = 804$
 $2927 - 804 = 2123 \text{ psi}$, MASP

Gas/liquid $0.22(6700) = 1474$
MASP = 1453 psi

BOPE 2 M

Burst: 2950
70% = 2065

Max P @ Surf. shoe

$0.22(6410) = 1410$
 $2927 - 1410 = 1517 \text{ psi}$

290 psi = max allowed pressure @ surface shoe
but to 1517 psi

2745' Green River

Adequate DUD 4/30/07

5-1/2"
MW 8.4

6700' Wasatch
Production
6700. MD

Well name:	2007-04 Newfield Roberts 1-21-8-17	
Operator:	Newfield Production Company	
String type:	Surface	Project ID: 43-013-33598
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 255 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 290 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 253 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,700 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,924 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 290 ft
Injection pressure: 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	103.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	290	2950	10.17	6	244	40.12 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: April 27, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-04 Newfield Roberts 1-21-8-17		
Operator:	Newfield Production Company		
String type:	Production	Project ID:	43-013-33598
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 169 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 303 ft

Burst

Max anticipated surface pressure: 1,450 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,924 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 5,849 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6700	5.5	15.50	J-55	LT&C	6700	6700	4.825	895.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2924	4040	1.382	2924	4810	1.65	91	217	2.39 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: April 27, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6700 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemle method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 30, 2007

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

Re: Roberts 1-21-8-17 Well, 213' FNL, 226' FEL, NE NE, Sec. 21, T. 8 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 43-013-33598.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ROBERTS 1-21-8-17

Api No: 43-013-33598 Lease Type: FEE

Section 21 Township 08S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 07/18/07

Time 1:30 PM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 07/19/07 Signed CHD

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
ROBERTS 1-21-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333598

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 213 FNL 226 FEL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 21, T8S, 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 <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>07/22/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<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.

On 7/18/07/ MIRU NDSI NS #1. Spud well @ 1:30 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 317.43' On 7/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Don Bastian

TITLE Drilling Foreman

SIGNATURE Don Bastian

DATE 07/22/2007

(This space for State use only)

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

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.43

LAST CASING 8 5/8" SET AT 317.43'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL GB Roberts 1-21-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.30'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	305.58
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			307.43
TOTAL LENGTH OF STRING		307.43	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			317.43
TOTAL		305.58	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		305.58	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	7/18/2007	1:30 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		7/21/2007	11:00 AM	Bbls CMT CIRC TO SURFACE <u>4</u>			
BEGIN CIRC		7/22/2007	10:02 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		7/22/2007	10:15 AM	N/A			
BEGIN DSPL. CMT		7/22/2007	10:27 AM	BUMPED PLUG TO _____ 115 _____ PSI			
PLUG DOWN		7/22/2007	10:33 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Don Bastian DATE 7/22/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPlicate - Other instructions on reverse side		5. Lease Serial No. FEE
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA/Agreement, Name and/or GREATER BOUNDARY II
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	8. Well Name and No. ROBERTS 1-21-8-17
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 213 FNL 226 FEL NENE Section 21 T8S R17E		9. API Well No. 4301333598
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

On 7/26/07 MIRU Patterson # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6650'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 173 jt's of 5.5 J-55, 15.5# csgn. Set @ 6638.02'/KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 2 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 6:00 am 8/2/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 08/02/2007

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

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

RECEIVED

(Instructions on reverse)

AUG 06 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6638.02

Flt cllr @ 6616.17

LAST CASING 8 5/8" Set @ 317.43

OPERATOR Newfield Production Company

DATUM 12' KB

WELL GB Roberts 1-21-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 6650' TD loggers 6655'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 5.87' @ 4635.08'					
173	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6604.17
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.6
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6640.02
TOTAL LENGTH OF STRING		6640.02	174	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		152.93	4	CASING SET DEPTH			6638.02
TOTAL		6777.70	178	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6777.7	178				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		5:30 PM	8/1/2007	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		10:00 PM	8/1/2007	Bbls CMT CIRC to surface			2
BEGIN CIRC		10:15 PM	8/1/2007	RECIPROCATED PIPE FOR			THRUSTROKE
BEGIN PUMP CMT		11:45 PM	8/1/2007	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN DSPL. CMT		12:41 AM	8/2/2007	BUMPED PLUG TO			1800 PSI
PLUG DOWN		1:09 AM	8/2/2007				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	450	50/50:2 W/ 2% Gel + 3% KCL,.5%EC1,1/4# sk.C.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 8/2/2007

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

AUG 24 2007

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 <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: ROBERTS 1-21-8-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 213 FNL 226 FEL		9. API NUMBER: 4301333598
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 21, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

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 (Submit in Duplicate) Approximate date work will <u>08/20/2007</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" 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 type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

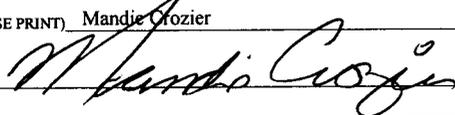
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

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

Date: 08-22-07
 By: 

NAME (PLEASE PRINT) <u>Mandie Crozier</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE 	DATE <u>08/21/2007</u>

(This space for State use only)

8-28-07
RM

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

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:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
ROBERTS 1-21-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333598

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: **213 FNL 226 FEL**

COUNTY: **DUCHESNE**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **NENE, 21, T8S, R17E**

STATE: **UT**

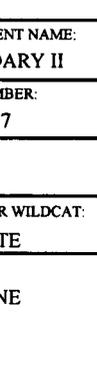
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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: 08/29/2007	<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 08/20/07, attached is a daily completion status report.

RECEIVED
SEP 04 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 08/29/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

ROBERTS 1-21-8-17**6/1/2007 To 10/30/2007****8/10/2007 Day: 1****Completion**

Rigless on 8/9/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6573' & cement top @ 167'. Perforate stage #1, CP5 sds @ 6494-6502' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 32 shots. 157 bbls EWTR. SIFN.

8/15/2007 Day: 2**Completion**

Rigless on 8/14/2007 - RU BJ Services. 150 psi on well. Frac CP5 sds w/ 24,608#'s of 20/40 sand in 388 bbls of Lightning 17 fluid. Broke @ 1881 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2288 psi @ ave rate of 25 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2190 psi. Leave pressure on well. 545 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 10K composite flow through frac plug & 13' perf gun. Set plug @ 6450'. Perforate CP3 sds @ 6335- 6348' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots (2 runs due to misfire). RU BJ Services. 1760 psi on well. Frac CP3 sds w/ 64,782#'s of 20/40 sand in 586 bbls of Lightning 17 fluid. Broke @ 4186 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1878 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1900 psi. Leave pressure on well. 1131 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 10K composite flow through frac plug & 21' perf gun. Set plug @ 6295'. Perforate CP1 sds @ 6209-6230' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 84 shots. RU BJ Services. 1360 psi on well. Frac CP1 sds w/ 110,467#'s of 20/40 sand in 864 bbls of Lightning 17 fluid. Broke @ 3900 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1902 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2310 psi. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 10K composite flow through frac plug & 8' perf gun. Set plug @ 5630'. Perforate C sds @ 5526- 5534' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. Leave pressure on well. SIWFN w/ 1995 BWTR.

8/16/2007 Day: 3**Completion**

Rigless on 8/15/2007 - RU BJ Services. 1054 psi on well. Frac C sds w/ 31,972#'s of 20/40 sand in 410 bbls of Lightning 17 fluid. Broke @ 3800 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1689 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2125 psi. Leave pressure on well. 2405 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 10K composite flow through frac plug, 10' & 5' perf gun. Set plug @ 5050'. Perforate PB7 sds @ 4938- 4948', GB6 sds @ 4876-4881' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 60 shots. RU BJ Services. 1215 psi on well. Frac PB7 & GB6 sds w/ 52,309#'s of 20/40 sand in 489 bbls of Lightning 17 fluid. Broke @ 1742 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2116 psi @ ave rate of 24.8 BPM. ISIP 2260 psi. Begin immediate

flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hrs & died. Rec 210 BTF. 2684 BWTR.

8/17/2007 Day: 4

Completion

Rigless on 8/16/2007 - MIRU Western #2. No pressure on well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4953'. Tbg displaced 12 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4953', plug @ 5050' in 18 minutes; sd @ 5544', plug @ 5630' in 14 minutes; no sd, plug @ 6295' in 45 minutes. Circ hole clean W/ no fluid loss. Hang back swivel. SIFN W/ EOT @ 6310' W/ 2672 BWTR.

8/18/2007 Day: 5

Completion

Rigless on 8/17/2007 - Bleed pressure off annulus. Con't PU & TIH W/ bit and tbg f/ 6310'. Tag plug @ 6450'. PU swivel. Drill out plug (using conventional circulation) in 36 minutes. Con't swivelling jts in hole. Tag fill @ 6534'. Drill plug remains & sd to PBSD @ 6616'. Circ hole clean. Gained est 60 BTF during cleanout. RD swivel. Pull EOT to 6560'. RU swab equipment. IFL @ sfc. Made 12 swb runs rec 142 BTF W/ light gas, tr oil & no sd. Well flowing sporadically @ end. TIH W/ tbg. Tag PBSD @ 6616' (no new fill). Circ hole W/ clean wtr W/ no fluid loss. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg to 1951'. SIFN W/ est 2470 BWTR.

8/21/2007 Day: 6

Completion

Western #2 on 8/20/2007 - Bleed well off--stays flowing W/ fair amount of oil. RU & circ hole. Con't TIH W/ BHA & production tbg f/ 1951' (complete as follows): 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 203 jts 2 7/8 8rd 6.5# J-55 tbg. Well flowing again. Circ W/ clean wtr. ND BOP. Set TA @ 6407' W/ SN @ 6441' & EOT @ 6506'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 18' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 131-3/4" plain rods, 100-7/8" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Rec est 50 BTF from flow. Est 2420 BWTR. Place well on production @ 4:00 PM 8/20/2007 W/ 123" SL @ 6 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
Newfield Exploration Company

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface 213' FNL & 226' FEL (NE/NE) Sec. 21, T8S, R17E
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 22, T8S, R17E

12. COUNTY OR PARISH Duchesne **13. STATE** UT

14. API NO. 43-013-33598 **DATE ISSUED** 04/30/07

15. DATE SPUDDED 07/18/07 **16. DATE T.D. REACHED** 07/31/07 **17. DATE COMPL. (Ready to prod.)** 08/20/07 **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** 5189' GL **19. ELEV. CASINGHEAD** 5201' KB

20. TOTAL DEPTH, MD & TVD 6650' **21. PLUG BACK T.D., MD & TVD** 6616' **22. IF MULTIPLE COMPL., HOW MANY*** _____ **23. INTERVALS DRILLED BY** -----> **ROTARY TOOLS** X **CABLE TOOLS** _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4876'-6502'

25. WAS DIRECTIONAL SURVEY MADE No

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

27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	317'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6638'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 6506'	TA @ 6407'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP5) 6494'-6502'	.49"	4/32
(CP3) 6335'-6348'	.49"	4/52
(CP1) 6209'-6230'	.49"	4/84
(C) 5526'-5534'	.49"	4/32
(PB7 & GB6) 4938'-4948', 4876'-4881'	.49"	4/60

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6494'-6502'	Frac w/ 24,608# 20/40 sand in 388 bbls fluid
6335'-6348'	Frac w/ 64,782# 20/40 sand in 586 bbls fluid
6209'-6230'	Frac w/ 110,467# 20/40 sand in 864 bbls fluid
5526'-5534'	Frac w/ 31,972# 20/40 sand in 410 bbls fluid
4876'-4948'	Frac w/ 52,309# 20/40 sand in 489 bbls fluid

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SEP 16 2007

33.* PRODUCTION

DATE FIRST PRODUCTION 08/20/07 **PRODUCTION METHOD** (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 18' RHAC SM Plunger Pump **DIV. OF OIL, GAS & MINING** **WELL STATUS** (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave **HOURS TESTED** _____ **CHOKE SIZE** _____ **PROD'N. FOR TEST PERIOD** -----> **OIL--BBL.** 68 **GAS--MCF.** 0 **WATER--BBL.** 53 **GAS-OIL RATIO** 0

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

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

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Jentri Park TITLE Production Clerk DATE 9/7/2007

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Roberts 1-21-8-17	Garden Gulch Mkr	4324'	
				Garden Gulch 1	4520'	
				Garden Gulch 2	4638'	
				Point 3 Mkr	4912'	
				X Mkr	5151'	
				Y-Mkr	5186'	
				Douglas Creek Mkr	5324'	
				BiCarbonate Mkr	5599'	
				B Limestone Mkr	5740'	
				Castle Peak	6161'	
				Basal Carbonate	6569'	
				Total Depth (LOGGERS)	6650'	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

FEB 12 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: Additional Well: Boundary Area Permit
UIC Permit No. UT20702-00000
Well ID: UT20702-08269
Roberts 1-21-8-17
213' FNL & 226' FWL
NE NE Sec. 21 T8S-R17E
Duchesne County, Utah
API #43-013-33598

Dear Mr. Sundberg:

The Newfield Production Company request to convert the former Green River Formation oil well Roberts 1-21-8-17 to an enhanced recovery injection well in the Boundary Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions described in the Authorization For Additional Well.

The addition of the proposed injection well within the exterior boundary of the Uintah & Ouray Indian Reservation is being made under the authority of 40 CFR §144.33 (c), terms of the Boundary Area Permit No. UT20702-00000, and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA and written authorization to begin injection is given by the Director. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depth of 4,218 feet and the top of the Wasatch Formation estimated to be at 6,580 feet.

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FEB 23 2009

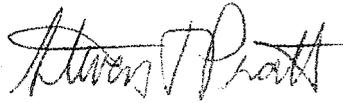
DIV. OF OIL, GAS & MINING

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) a complete EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram, (2) a pore pressure calculation of the injection interval, and (3) the results of a Part I (Internal) Mechanical Integrity (MI) Test.

The initial Maximum Allowable Injection Pressure (MAIP) for the Roberts 1-21-8-17 is **1,415 psig**. UIC Area Permit UT20702-00000 allows the permittee to request a change in the MAIP based upon results of a step rate test which demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Jason Deardorff at (303) 312-6583 or 1-(800)-227-8917 (Ext. 312-6583). Please submit the required data to Margo Smith at the letterhead address citing mail code 8P-W-GW.

Sincerely,



for

Eddie A. Sierra
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Proposed Wellbore and P&A Wellbore Schematics for Roberts 1-21-8-17

cc: Letter Only

Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20702-00000

The Boundary Unit Final UIC Area Permit No. UT20702-00000, effective February 8, 1994, authorizes injection for the purpose of enhanced oil recovery in the Boundary Field. On October 24, 2008, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	<u>Roberts 1-21-8-17</u>
EPA Well ID Number:	<u>UT 20702-08269</u>
Location:	213' FNL & 226' FEL NE NE Sec. 21 T8S-R17E Duchesne County, Utah API #43-013-33598

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20702-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

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

This Authorization is effective upon signature.

Date: FEB 12 2009


for Eddie A. Sierra

*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Roberts 1-21-8-17 EPA Well ID: UT20702-08269

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Roberts 1-21-8-17**
EPA Well ID Number: **UT20702-08269**

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

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

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

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation [4,218 feet (KB)] to the top of the Wasatch Formation, which is estimated to be at a depth of [6,580 feet (KB)].

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,415 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.73 \text{ psi/feet} \quad \text{SG} = 1.015 \quad \text{D} = \underline{\mathbf{4,876 \text{ feet}}} \text{ (top perforation depth KB)} \\ \text{MAIP} &= \underline{\mathbf{1,415 \text{ psig}}} \end{aligned}$$

UIC Area Permit No. UT20702-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

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

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

Demonstration of Mechanical Integrity:

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

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

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

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

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.

PLUG NO. 2: Set a minimum 186-foot cement plug inside the 5-1/2" casing from approximately 3,417 to 3,605 ft (KB).

PLUG NO. 3: Set a minimum 110 ft cement plug inside the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,944 ft (KB) from approximately 1,589-1,699 ft (KB).

PLUG NO. 4: Perforate the long-string casing at 167 ft (current top of cement) and circulate cement between the formation and the 8-5/8" casing to the surface. Set a Class "G" cement plug within the 5-1/2" casing from 367 ft. and up the 5-1/2" casing annulus to the surface.

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

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Roberts 1-21-8-17
EPA Well ID Number: UT20702-08269

Underground Sources of Drinking Water (USDWs): USDWs in the Boundary Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 217 ft below ground surface in the Roberts 1-21-8-17 well.

http:NRWRT1.NR.STATE.UT.US:

There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

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

- TDS of the Douglas Creek Member of the Green River Formation Water: 13,426.9 mg/l.

- TDS of Jonah Facility Injection System source water: 2,913.6 mg/l.

The **injectate** is a blend of culinary water from the Johnson Water District or the Green River supply line and produced Green River Formation Water resulting in TDS < 10,000 mg/l.

Aquifer Exemption is not required because the TDS of water produced from the proposed injection well is greater than 10,000 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 84 feet of shale between the depths of 4,134 ft and 4,218 ft (KB).

Injection Zone: The Injection Zone at this well location is approximately 2,362 ft of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 4,218 feet (KB) to the top of the Wasatch Formation which is estimated to be at 6,580 ft (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL shows 20 ft of 80% or greater cement bond in the Confining Zone. Thus, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is not required at this time.

Surface Casing: 8-5/8" casing is set at 317 ft (KB) in a 12-1/4" hole, using 160 sacks Class G cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,638 ft (KB) in a 7-7/8" hole secured with 800 sacks of cement. Total driller depth 6,650 ft. Plugged back total depth is 6,616 ft. EPA calculates top of cement at 1,543 ft. Estimated CBL top of cement is 167 ft.

Authorization for Additional Well: UIC Area Permit UT20702-00000
Well: Roberts 1-21-8-17 EPA Well ID: UT20702-08269

Perforations: Top perforation: 4,876 ft (KB)

Bottom perforation: 6,502 ft (KB)

AREA OF REVIEW (AOR) WELL REQUIREMENTS

One well that penetrates the confining zone within or proximate to a 1/4 mile radius around the Roberts 1-21-8-17 was identified and evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

Balcron Monument Federal 11-22-8-17Y API: 43-013-31539 NWNW Sec. 22-T8S-R17E
Greater than or equal to 80% cement bond index through Confining Zone from 4,106 ft to 4,162 ft.

Corrective Action Not Required

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**

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

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

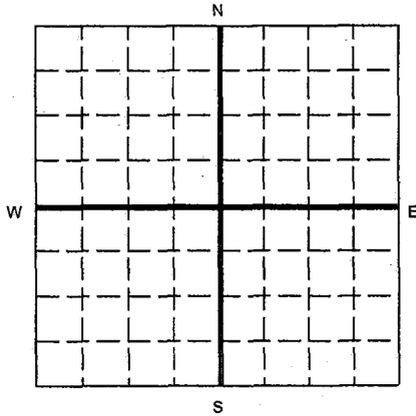


United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee	Name and Address of Contractor
-------------------------------	--------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres



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

WELL CASING RECORD -- BEFORE REWORK

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

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

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

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

Certification

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

Name and Official Title (Please type or print)	Signature	Date Signed
--	-----------	-------------

PAPERWORK REDUCTION ACT

The public reporting and record keeping burden for this collection of information is estimated to average 4 hours per response annually. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Spud Date: 7-18-07
 Put on Production: 8-19-07
 GL: 5189' KB: 5201'

Roberts 1-21-8-17

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (305.58')
 DEPTH LANDED 317.42'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 178 jts (6777.70')
 DEPTH LANDED 6638.05'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Premilit II and 450 sx 50/50 Poz
 CEMENT TOP AT: 167'

TUBING

SIZE/GRADE/WT: 2-7/8" J-55 16.5#
 NO OF JOINTS: 203 jts (6395.00')
 TUBING ANCHOR: (6407.00') KB
 NO OF JOINTS: 1 jt (31.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: (6441.30') KB
 NO OF JOINTS: 2 jts (63.06')
 TOTAL STRING LENGTH: BOT @ 6505.91' w/12' KB

CZ 4134'-4218'
✓ 18' ≈ 80% bond
Rest of CZ just below 30%

FRAC JOB

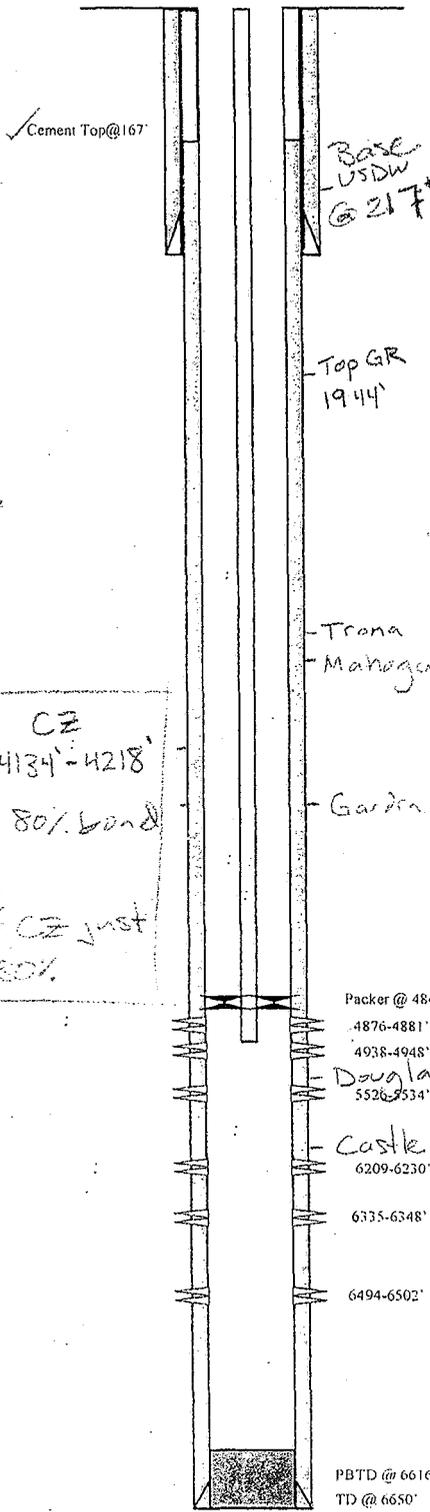
8/14/07 6494-6502' Frac CP5 sds as follows:
 24,608# 20/40 sand in 388 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2288 psi @ ave rate of 25 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2190 psi. Actual flush: 5985 gals

8/14/07 6335-6348' Frac CP3 sds as follows:
 64,782# 20/40 sand in 586 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1878 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1900 psi. Actual flush: 5830 gals.

8/14/07 6209-6230' Frac CP1 sds as follows:
 110,467# 20/40 sand in 864 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1902 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2310 psi. Actual flush: 5628 gals.

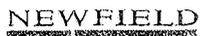
8/15/07 5526-5534' Frac C sds as follows:
 31,972# 20/40 sand in 410 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1689 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2125 psi. Actual flush: 4998 gals.

8/15/07 4876-4881' Frac PB7 & GB6 sds as follows:
 52,309# 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2116 psi @ ave rate of 24.8 BPM. ISIP 2260 psi. Actual flush 4780 gals.



PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
8/14/07	6494-5534'	4	JSPF 32 holes
8/14/07	6335-6348'	4	JSPF 52 holes
8/14/07	6209-6230'	4	JSPF 84 holes
8/14/07	5526-5534'	4	JSPF 32 holes
8/15/07	4938-4948'	4	JSPF 40 holes
8/15/07	4876-4881'	4	JSPF 20 holes



Roberts 1-21-8-17
 213' FNL & 226' FEL
 NE/NE Sec. 21, T8S. 17E
 Duchesne Co, Utah
 API #43-013-33598

Wasatch estimated @ 6580'

Spud Date: 7-18-07
 Put on Production: 8-19-07
 GL: 5189' KB: 5201'

Roberts 1-21-8-17

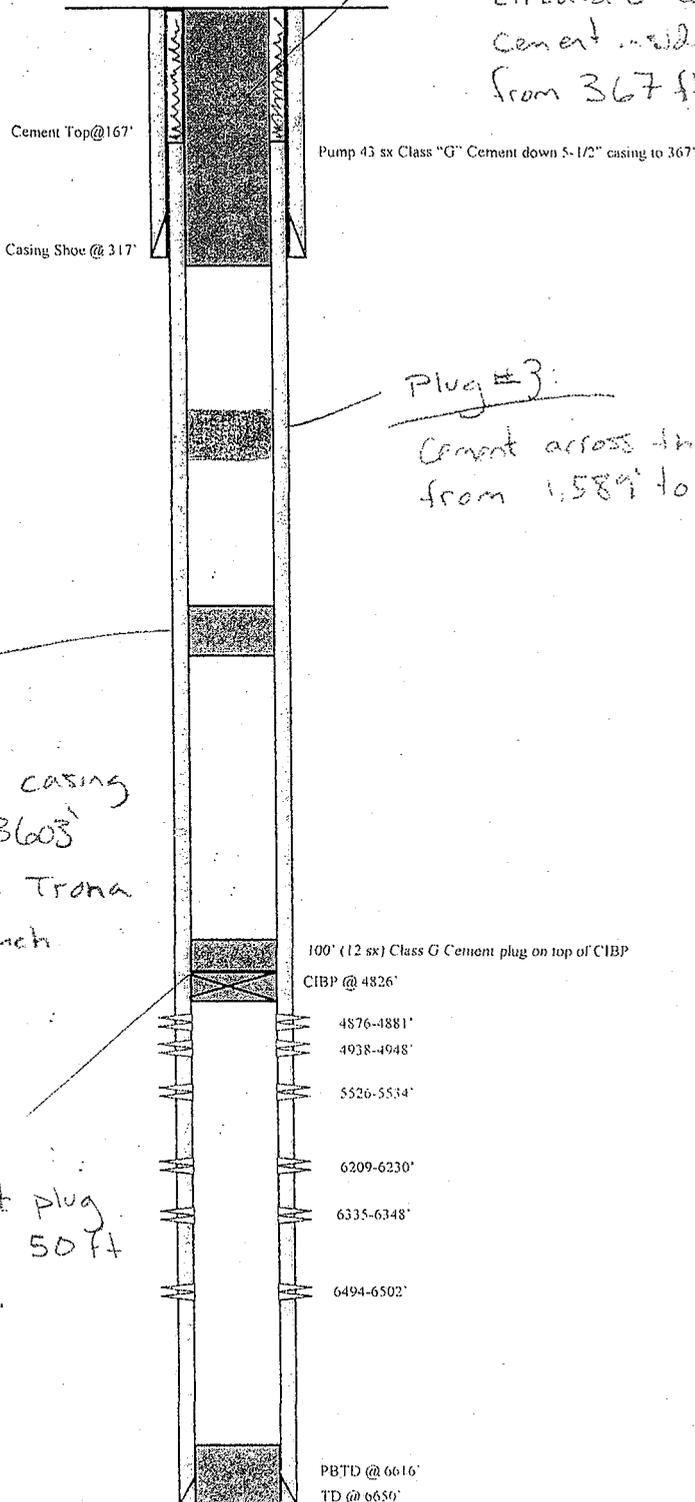
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (305.58')
 DEPTH LANDED: 317.42'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 178 jts (6777.70')
 DEPTH LANDED: 6638.05'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Premilite II and 450 sx 50/50 Poz
 CEMENT TOP AT: 167'

Proposed P & A Wellbore Diagram



Plug #4:
 Perf long-string casing and circulate cement to surface cement inside of long-string from 367 ft to surface.

Plug #3:
 Cement across the inside of casing from 1,589' to 1,699'.

Plug #2:
 cement inside of casing from 3417' to 3608' to seal off the Trona + Mahogany Beach intervals.

Plug #1:
 minimum 20ft plug no more than 50ft above top perf.

NEWFIELD

Roberts 1-21-8-17
 213' FNL & 226' FEL
 NE/NE Sec. 21, T8S, 17E
 Duchesne Co, Utah
 API #43-013-33598

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
ROBERTS 1-21-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333598

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 213 FNL 226 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 21, T8S, R17E

STATE: UT

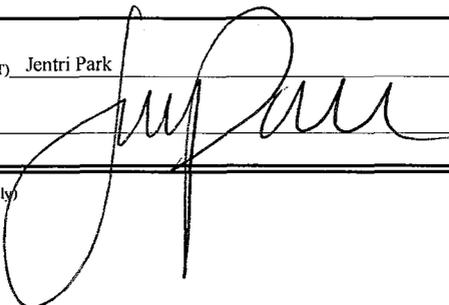
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/01/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 06/16/09. On 06/10/09 Steven Pratt with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 06/25/09. On 06/26/09 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20702-08269 API# 43-013-33598

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE  DATE 07/01/2009

(This space for State use only)

RECEIVED
JUL 06 2009
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 6/26/09
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Roberts</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NW</u> Sec: <u>21</u> T <u>8</u> N <u>8</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Newfield</u>		
Last MIT: _____	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>400</u> psig	psig	psig
End of test pressure	<u>400</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

MIDNIGHT

6 AM

NOON


CHART POOL USA INC.
 (703) 713-1111
 PORTAGE, INDIANA

CHART NO. MP-2500

METER

06-18-09

CHART PUT ON

10:00 A M

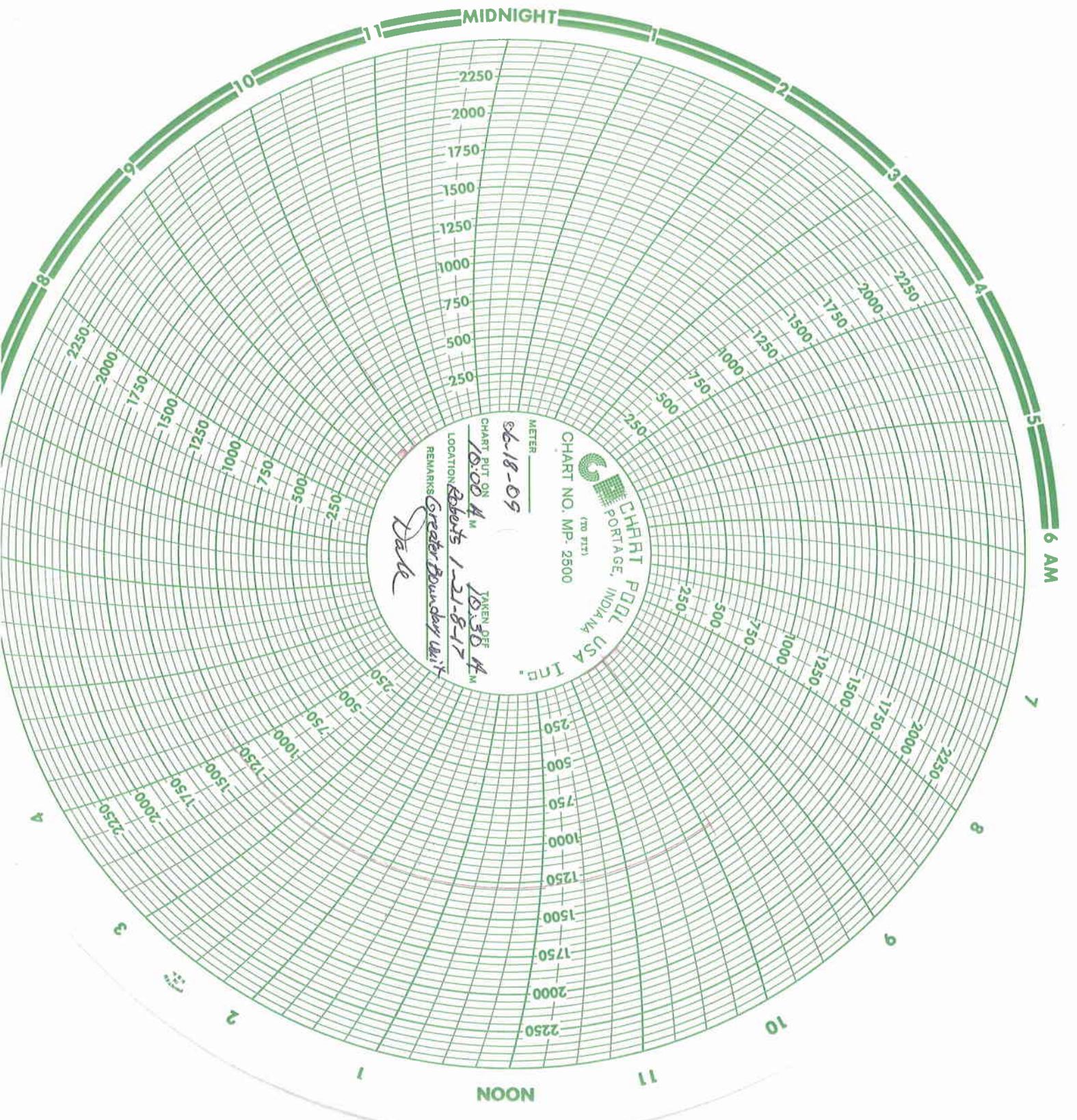
TAKEN OFF

10:30 A M

LOCATION: Roberts 1-21-8-17

REMARKS: Greater Boundary Unit

Dale





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

Ref: 8P-W-GW

JUL 21 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Michael Guinn
District Manager
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: Authorization to Commence Injection
EPA UIC Permit UT20702-08269
Well: Roberts 1-21-8-17
NE/NE Section 21 T8S R17E
Duchesne County, Utah
API #: 43-013-~~38269~~
33598

Dear Mr. Guinn:

Newfield Production Company (Newfield) has satisfactorily completed Environmental Protection Agency (EPA) Prior to Commencing Injection requirements for UIC Permit UT20702-08269, effective February 12, 2009. The Part I (Internal) Mechanical Integrity Test (MIT), Well Rework Record (EPA Form No. 7520-12), schematic diagram, and pore pressure, were reviewed and approved by EPA on July 10, 2009.

As of the date of this letter, Newfield is authorized to commence injection into Roberts 1-21-8-17 at a maximum allowable injection pressure (MAIP) of 1,415 psig. Until such time as the Permittee demonstrates through a Step Rate Test (SRT) that the Fracture Gradient (FG) is other than 0.73 psi/ft, Roberts 1-21-8-17 shall be operated at a MAIP no greater than 1,415 psig.

As of this approval, responsibility for permit compliance and enforcement is transferred to Region 8 UIC Technical Enforcement Program office. Therefore, please direct all monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well to:

RECEIVED

JUL 27 2009

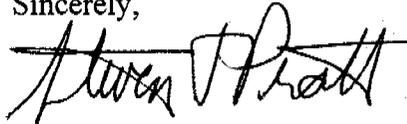
DIV. OF OIL, GAS & MINING

Mr. Nathan Wiser
Technical Enforcement Program – UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20702-08269. If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-312-6583.

Sincerely,



for

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

cc:

Uintah & Ouray Business Committee
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Exploration Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

8. WELL NAME and NUMBER:
ROBERTS 1-21-8-17

9. API NUMBER:
4301333598

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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 GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: CITY **Myton** STATE **UT** ZIP **84052** PHONE NUMBER **435.646.3721**

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: **213 FNL 226 FEL** COUNTY: **DUCHESNE**

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE, 21, T8S, R17E** STATE: **UT**

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 (Submit in Duplicate) Approximate date work will <u>08/13/2009</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Change status put well on injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above reference well was put on injection at 1:30 PM on 8-13-09.

UT20702-08269

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

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE *Kathy Chapman* DATE 08/17/2009

(This space for State use only)

RECEIVED
AUG 18 2009
DIV. OF OIL, GAS & MINING

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: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: ROBERTS 1-21-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013335980000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0213 FNL 0226 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 21 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/22/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 05/22/2014 the casing was pressured up to 1129 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1507 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08269

**Accepted by the
Utah Division of
Oil, Gas and Mining**
FOR RECORD ONLY
June 02, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/29/2014	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 5/22/14
 Test conducted by: Dustin Bennett
 Others present: Dale Giles

Well Name: <u>Roberts 1-21-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NE</u> Sec: <u>21</u> T <u>8</u> N <u>17</u> E W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield production Co.</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1575</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 49 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1507</u> psig	psig	psig
End of test pressure	<u>1507</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1127</u> psig	psig	psig
5 minutes	<u>1128</u> psig	psig	psig
10 minutes	<u>1128</u> psig	psig	psig
15 minutes	<u>1128</u> psig	psig	psig
20 minutes	<u>1128</u> psig	psig	psig
25 minutes	<u>1128</u> psig	psig	psig
30 minutes	<u>1129</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

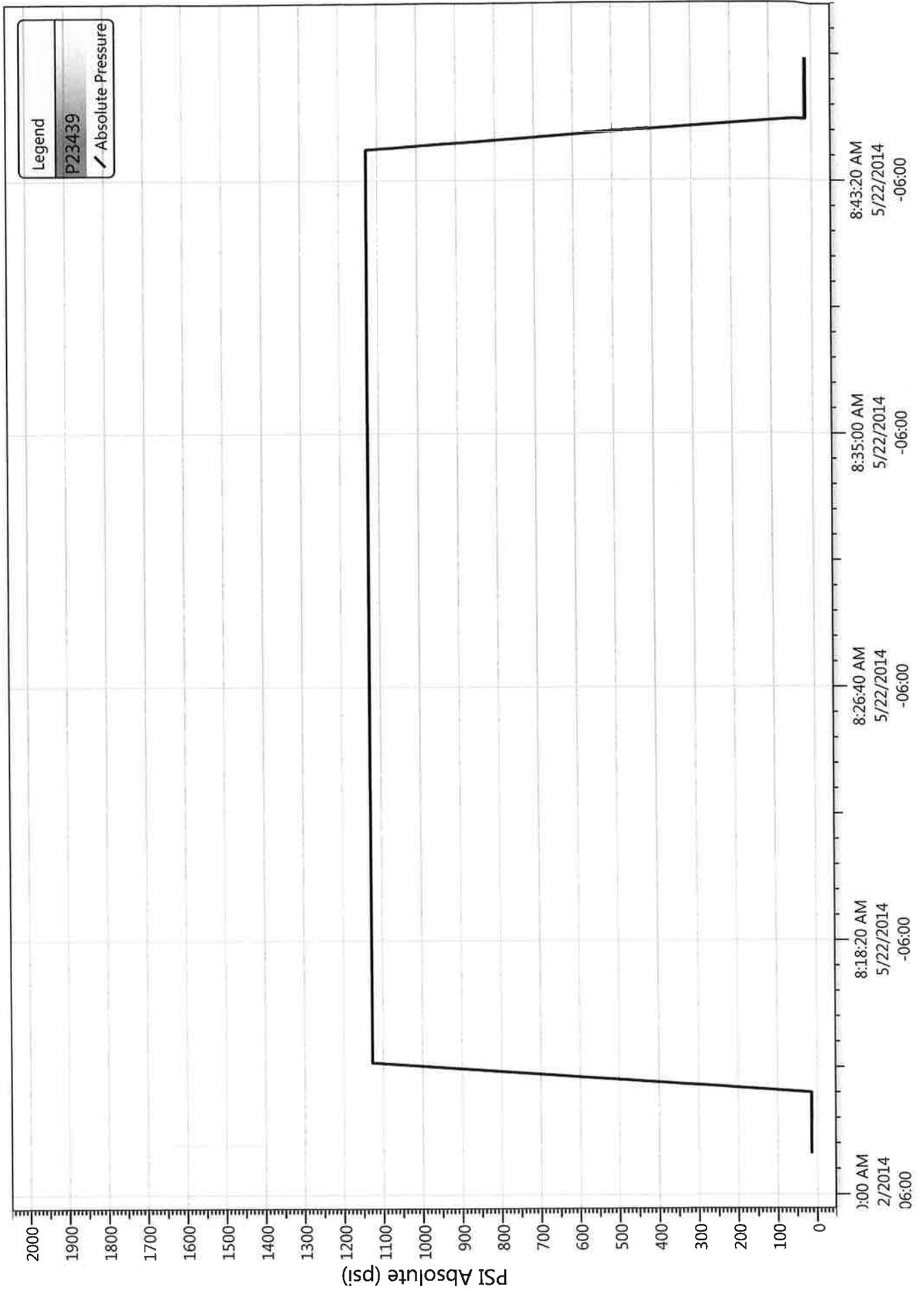
MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Roberts 1-21-8-17 (5 yr MIT 5-22-2014)

5/22/2014 8:10:25 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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 Water Injection Well	8. WELL NAME and NUMBER: ROBERTS 1-21-8-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013335980000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0213 FNL 0226 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 21 Township: 08.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Workover MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. Workover MIT performed on the above listed well. On 10/27/2014 the csg was pressured up to 1366 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 860 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08269

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 05, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/30/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10/27/14
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Roberts 1-21-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NE</u> Sec: <u>21</u> T <u>S</u> N <u>(S)</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut.</u>		
Operator: <u>Newfield production Co.</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1597</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>860</u> psig	psig	psig
End of test pressure	<u>860</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1367</u> psig	psig	psig
5 minutes	<u>1366</u> psig	psig	psig
10 minutes	<u>1366</u> psig	psig	psig
15 minutes	<u>1366</u> psig	psig	psig
20 minutes	<u>1366</u> psig	psig	psig
25 minutes	<u>1366</u> psig	psig	psig
30 minutes	<u>1366</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

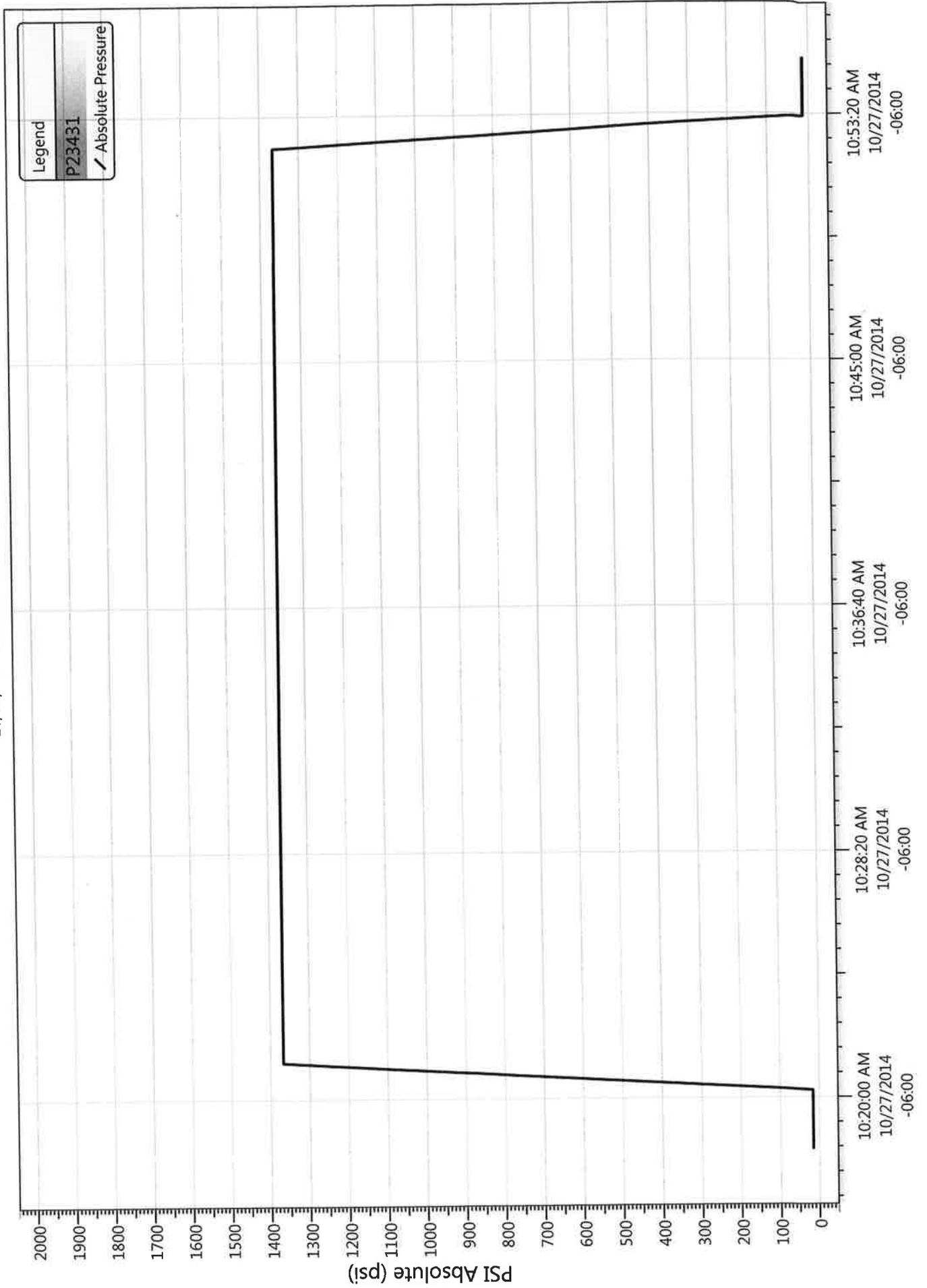
MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Roberts 1-21-8-17 (well rework 10-27-14)

10/27/2014 10:16:29 AM





Well Name: Roberts 1-21-8-17

Job Detail Summary Report

Jobs	Primary Job Type	Job Start Date	Job End Date
Repairs		10/22/2014	10/27/2014

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
10/22/2014	10/22/2014	MIRU	06:00	07:00	CREW TRAVEL TO LOCATION
Start Time	07:00		08:30		SAFETY MEETING (PINCH POINTS), SPOT IN TEE SEAL, LEVEL UP RIG, RIG UP, RELEVEL RIG, STRETCH OUT GUIDE WIRES, CHECK PRESSURES SICP - 1000 PSI, SITP - 250 PSI
Start Time	08:30		09:30		BLEED DOWN CASING TO ZUBIATE TANK, BLEED DOWN TUBING TO ZUBIATE TANK, H2S CLAIMED TO 200 PPM ON MONITORS, SHUT IN WELL
Start Time	09:30		10:30		PUMP H2S SCAVENGER & 30 BBLs WATER DOWN TUBING WITH 1600 PSI SHUT IN WELL
Start Time	10:30		13:30		CASING STARTED FLOWING, FLOW TO ZUBIATE TANK, CASING DIED OFF, OPEN TUBING TO ZUBIATE TANK, TUBING CHARGED UP BLEED DOWN TUBING
Start Time	13:30		14:00		DROP STANDING VALVE, PUMP 25 BBLs TO GET STANDING VALVE TO SEAT, PRESSURE TUBING TO 3300 PSI, WATCH PRESSURE FOR 10 MIN LOST 50 PSI, RIG UP SAND LINE W/ BABY RED FISH TOOL
Start Time	14:00		14:30		BLEED DOWN TUBING FLOWING HARD
Start Time	14:30		15:30		RUN IN HOLE W/ SAND LINE & FISH TOOL TO 4830', LATCH ONTO STANDING VALVE & COME OUT OF HOLE, STAND BACK SAND LINE LUBRICATOR
Start Time	15:30		17:00		NIPPLE DOWN WELL HEAD, ADD 2 7/8" X 8' PUP SUB W/ TIW VALVE, PACKER NOT SET IN TENTION SET IN COMPRESSION, NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS & BLINDS ARE IN OPEN POSITION), RIG UP FLOOR, RIG UP TUBING EQUIPMENT, TRY TO GET PACKER UNSET, WORK UP & DOWN KEEP SETTING WHILE GOING UP NO DOWN WARD MOVEMENT, LAY DOWN 1 - 2 7/8" J-55 TUBING W/ 2 7/8" N-80 X 8' PUP SUB & TIW VALVE, REMOVE TIW VALVE
Start Time	17:00		18:00		PULL TO DERRICK W/ 28 JOINTS 2 7/8" J-55 TUBING PACKER KEPT SETTING HAVE TO UNSET PACKER, PULLING SLOW, BLEW HYDRILIAC BODY ON TONGS, TAKING 1 SET TO OFFICE TO GET FIXED (END DEPTH TUBING OUT ON SURFACE 890' DEPTH IN HOLE 3939') SHUT IN WELL SHUT DOWN FOR NIGHT
Start Time	18:00		19:00		CREW TRAVEL TO LOCATION
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
10/23/2014	10/23/2014	HOOK UP OTHER SET ON TUBING TONGS, BLEED DOWN WELL, PULL TO DERRICK W/ TUBING, CHANGE OUT PACKER, RUN IN THE HOLE W/ TUBING, PRESSURE TEST TUBING	06:00	07:00	CREW TRAVEL TO LOCATION
Start Time	07:00		10:00		SAFETY MEETING (HIGH PRESSURE WHILE TESTING THE TUBING AND CASING), CHECK PRESSURE ON TUBING (150 PSI) AND CASING (200 PSI), RIG UP HOTOILER TO TUBING PUMP 60 BBLs DOWN TUBING UP THE CASING TO REPLACE GAS AND OIL WITH WATER, BLEED OFF ANY REMAINING PRESSURE, OPEN PIPE RAMS, PULL OUT OF HOLE WITH REMAINING 125 JOINTS, PACKER WAS DRAGGING HAD TO PULL SLOW
Start Time	10:00		10:45		GOT PACKER ON SURFACE IT DIDNT HAVE A 3/8 INJECTOR SUB OR 2 3/8 XN NIPPLE CALLED FOR ONE TO BE BROUGHT BY WEATHERFORD



Well Name: Roberts 1-21-8-17

Job Detail Summary Report

Start Time	10:45	End Time	12:00	Comment
Start Time	12:00	End Time	13:00	Comment
Start Time	13:00	End Time	15:00	Comment
Start Time	15:00	End Time	16:00	Comment
Start Time	16:00	End Time	17:00	Comment
Start Time	17:00	End Time	18:00	Comment
Start Time	18:00	End Time	19:00	Comment
Report Start Date	10/24/2014	Report End Date	10/24/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	FINISH CSG TEST
Start Time	07:00	End Time	07:30	Comment
Start Time	07:30	End Time	13:30	Comment
Start Time	13:30	End Time	14:00	Comment
Start Time	14:00	End Time	15:30	Comment
Start Time	15:30	End Time	16:30	Comment
Start Time	16:30	End Time	17:00	Comment
Start Time	17:00	End Time	18:00	Comment
Report Start Date	10/27/2014	Report End Date	10/27/2014	24hr Activity Summary
Start Time		End Time		CONDUCT MIT



Job Detail Summary Report

Well Name: Roberts 1-21-8-17

Start Time	End Time	Comment
10:20	10:50	Workover MIT performed on the above listed well. On 10/27/2014 the csg was pressured up to 1366 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 860 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08269

NEWFIELD

Schematic

Well Name: Roberts 1-21-8-17

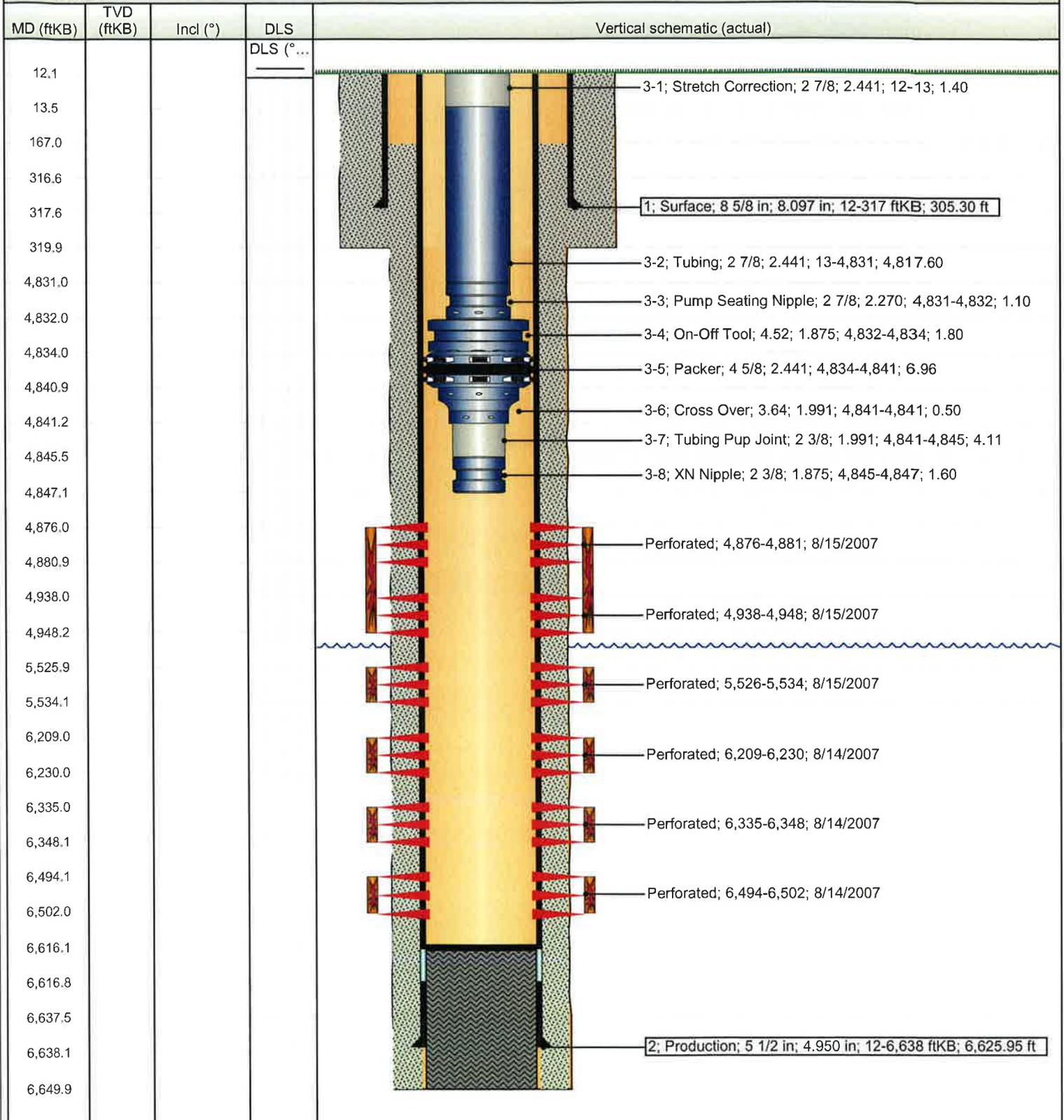
Surface Legal Location 21-8S-17E		API/UWI 43013335980000	Well RC 500160470	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 8/19/2007	Original KB Elevation (ft) 5,201	Ground Elevation (ft) 5,189	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 6,616.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 10/22/2014	Job End Date 10/27/2014
---------------------------------------	-----------------------------	-------------------------------------	------------------------------	----------------------------

TD: 6,650.0

Vertical - Original Hole, 10/29/2014 9:17:41 AM



NEWFIELD

Newfield Wellbore Diagram Data
Roberts 1-21-8-17

Surface Legal Location 21-8S-17E		API/UWI 43013335980000		Lease	
County DUCHESNE		State/Province Utah		Basin Uintah Basin	
Well Start Date 7/18/2007		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,201		Ground Elevation (ft) 5,189		Total Depth (ftKB) 6,650.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 6,616.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/18/2007	8 5/8	8.097	24.00	J-55	317
Production	8/1/2007	5 1/2	4.950	15.50	J-55	6,638

Cement

String: Surface, 317ftKB 7/22/2007

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

String: Production, 6,638ftKB 8/1/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 167.0	Bottom Depth (ftKB) 6,650.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF		Fluid Type Lead	Amount (sacks) 350	Class PREMLIE II	Estimated Top (ftKB) 167.0
Fluid Description 2% Gel + 3% KCL, .5%EC1, 1/4# skC.F.2%SF+.3% SMS+FP-6L mixed		Fluid Type Tail	Amount (sacks) 450	Class 50/50,2	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description Tubing		Run Date 10/24/2014			Set Depth (ftKB) 4,847.1			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)
Stretch Correction	1	2 7/8	2.441			1.40	12.0	13.4
Tubing	153	2 7/8	2.441	6.50	J-55	4,817.60	13.4	4,831.0
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,831.0	4,832.1
On-Off Tool	1	4.515	1.875			1.80	4,832.1	4,833.9
Packer	1	4 5/8	2.441			6.96	4,833.9	4,840.9
Cross Over	1	3.635	1.991			0.50	4,840.9	4,841.4
Tubing Pup Joint	1	2 3/8	1.991			4.11	4,841.4	4,845.5
XN Nipple	1	2 3/8	1.875			1.60	4,845.5	4,847.1

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	PB7 & GB6, Original Hole	4,876	4,881	4			8/15/2007
5	PB7 & GB6, Original Hole	4,938	4,948	4			8/15/2007
4	C, Original Hole	5,526	5,534	4			8/15/2007
3	CP1, Original Hole	6,209	6,230	4			8/14/2007
2	CP3, Original Hole	6,335	6,348	4			8/14/2007
1	CP5, Original Hole	6,494	6,502	4			8/14/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
3	2,310	0.81	25.0	2,290			
2	1,900	0.73	25.0	2,325			
1	2,190	0.77	25.2	2,615			
5	2,260	0.89	24.8	2,487			
4	2,125	0.82	24.8	2,072			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant White Sand 110467 lb
2		Proppant White Sand 64782 lb
1		Proppant White Sand 24608 lb
5		Proppant White Sand 52309 lb
4		Proppant White Sand 31972 lb