

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 R. L. JACOBS OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
 2467 Commerce Blvd, Grand Junction, Colo. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 660' FSL 1980' FEL Sec 7. T9S.-R18E, SLM
 At proposed prod. zone SWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19 Miles SE of Myton, Utah.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 2640'

16. NO. OF ACRES IN LEASE
 640 acres

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 none

19. PROPOSED DEPTH
 6500' *Watch*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 ungraded ground elevation 4078'

22. APPROX. DATE WORK WILL START*
 April 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12A"	8 5/8"	J-55, 24# new	300'	Circ. to surface
7 7/8"	4 1/2"	J-55 5# new	6500'	Circ. to surface

RECEIVED
 APR 08 1982

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 4/15/82
 BY: [Signature]

DIVISION OF
 OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 or reventer program, if any.

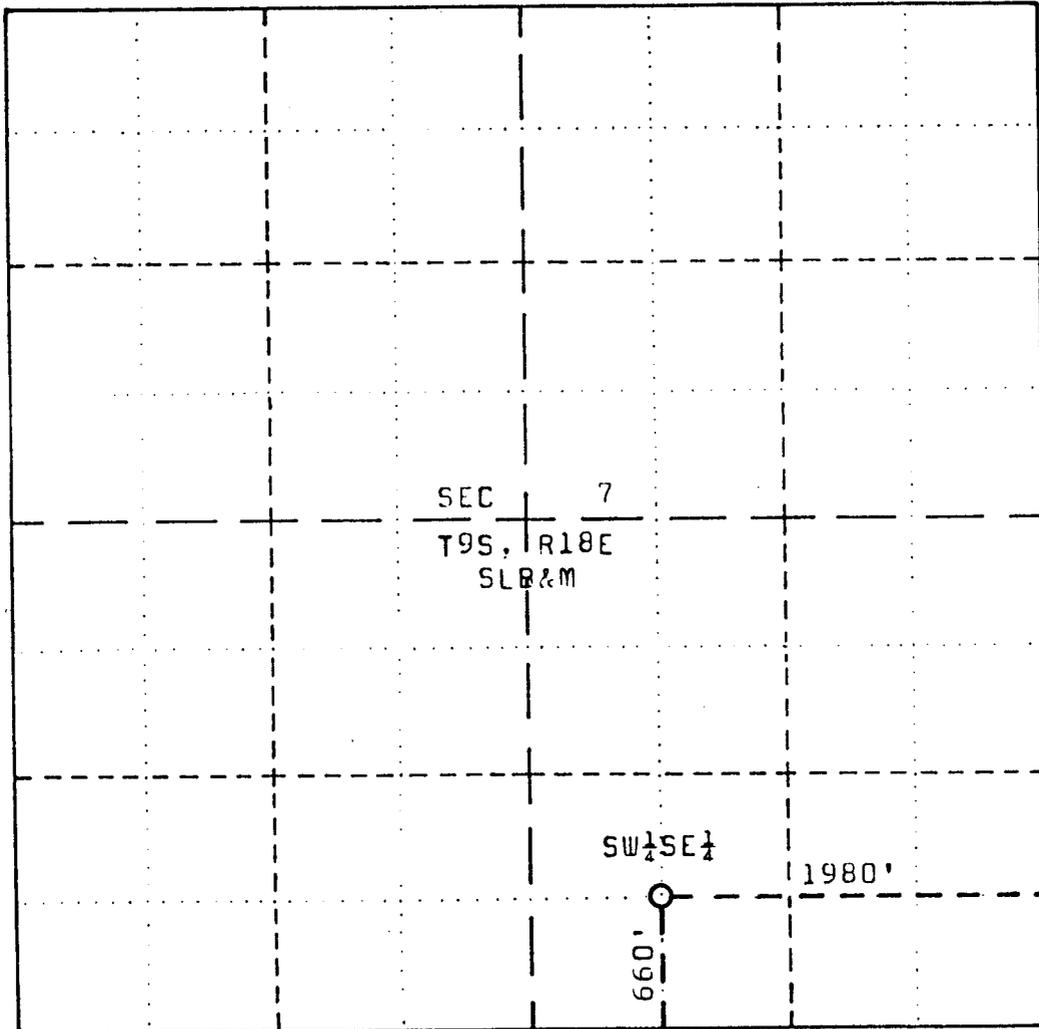
24. SIGNED [Signature] TITLE Field Operations DATE 30 March 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



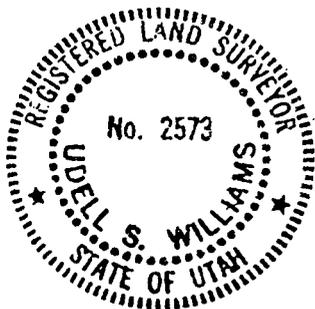
SCALE: 1" = 1000'

R. L. JACOBS-BELCO #34-7

Located North 660 feet from the South boundary and West 1980 feet from the East boundary of Section 7, T9S, R18E, SLB&M.

Elev. 5065

Uintah County. Utah



SURVEYOR'S CERTIFICATE

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

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

R. L. JACOBS-BELCO #34-7
SW 1/4 SE 1/4 SECTION 7
T9S, R18E, SLB&M

SURVEYED BY: USW DATE: 3/29/82
DRAWN BY: HSW DATE: 3/30/82

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GEOLOGICAL SURVEY

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20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) ungraded ground elevation 4078'

22. APPROX. DATE WORK WILL START* April 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.
U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
APR 6 1982

7. UNIT AGREEMENT NAME
Eight Mile Flat Unit SALT LAKE CITY, UT

8. FARM OR LEASE NAME

9. WELL NO.
Belco 34-7

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T9S.-R18E SLM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	J-55, 24# new	300'	Circ. to surface
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RECEIVED
APR 19 1982

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

SIGNED [Signature] TITLE Field Operations DATE 30 March 1982

(This space for Federal or State office use)

PERMIT NO. [Signature] APPROVAL DATE APR 16 1982
 APPROVED BY [Signature] TITLE Dist Oil & Gas Supervisor DATE APR 16 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State 046

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

Identification CER/EA No. 244-82

APR 16 1982

SALT LAKE CITY, UTAH

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator R. L. Jacobs Oil and Gas Company
Project Type Oil Well
Project Location 660' FSL 1980' FEL Section 7, T. 9 S., R. 18 E.
Well No. Belco 34-7 Lease No. U-16540
Date Project Submitted April 6, 1982

FIELD INSPECTION

Field Inspection
Participants

Date April 15, 1982

Greg Darlington - MMS, Vernal
Garv Slagel - BLM, Vernal
Ken Young - Hiko Bell
Bob West - Jacobs Drilling
Charley Scott - Dirt Contractor

Related Environmental Documents: Unit Resource Analysis, Duchesne
Planning Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

April 16, 1982
Date Prepared

I concur

APR 16 1982
Date

Gregory Darlington
Environmental Scientist

W. J. Martin FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

Proposed Actions:

R.L. Jacobs Oil and Gas Company plans to drill the Belco 34-7 well, a 6500' oil and gas test of various formations. A new access road of about 1000' length will be required to reach the existing road from the proposed location. A pad 200' by 300' and a reserve pit 100' by 150' are planned for the location.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulation
2. Lease stipulation
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: April 15, 1982

Well No.: Belco 34-7

Lease No.: V-16540

Approve Location:

Approve Access Road:

Modify Location or Access Road: Topsoil on West side of SW corner

excuse ~~the~~ fill on South of Pad

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Need location as soon as possible to meet

April 25 deadline for drilling contract. Plan on hand carrying

APD in April 16, 1982 via Bob West

Hiko Bell were the local consultants to contact for the oxide or

apparently Mr. West shows their office.

Relatively flat, good looking location.
Problems with equipment being stolen in the area from the PLM camp and
from the dirt contractor were discussed.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 16 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)		Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)							
Public health and safety							1, 2, 4, 6	April 15, 1982		
Unique charac- teristics							1, 2, 4, 6			
Environmentally controversial							1, 2, 4, 6			
Uncertain and unknown risks							1, 2, 4, 6			
Establishes precedents							1, 2, 4, 6			
Cumulatively significant							1, 2, 4, 6			
National Register historic places							1, 6			
Endangered/ threatened species							1, 6			
Violate Federal, State, local, tribal law							1, 2, 4, 6			

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*



*Northeast View
Jacobs-Belco 34-7*



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

April 16, 1982

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Jacobs Oil & Gas Company
T9S, R18E, Sec. 7
Belco #34-7

Dear Mr. Guynn:

On April 15, 1982, a joint onsite inspection was made of the above reference well site locations and proposed access roads by people representing Jacobs Oil & Gas, Hiko Bell Mining & Oil, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

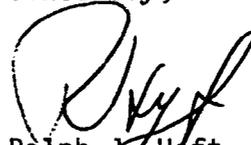
1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and travelling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be construct. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. A muffler system will be installed on the pumping unit.
10. The topsoil will be stockpiled on the southwest end of the pad. Any excess cut material will be placed on the south end of the pad.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

R.L. JACOBS OIL & GAS COMPANY

Section 7, T9S-R18E, S1M
Belco 34-7

Uintah County, Utah

DRILLING PLAN

1. The geologic name of the surface formation is in the Tertiary Uinta Formation.
2. Estimated tops of important geologic markers are as follows:

Green River Formation	1725
Wasatch Tongue	5925
Wasatch Formation	6300
Proposed T.D.	6500
3. Oil or gas may be encountered in the Green River and Wasatch Formations. No other formations are expected to produce water, oil, gas, or other minerals in measureable quantities.
4.

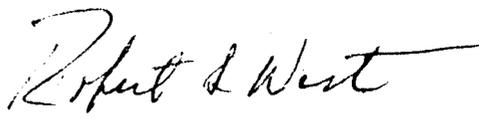
<u>Size of Hole</u>	<u>Size of Casing & Wt./ft.</u>	<u>Setting Depth</u>	<u>Quantity of Cement</u>
12 $\frac{1}{2}$ "	8 5/8", 24# , new	300'	Circ to surface
7 7/8"	4 1/2", 10.5#, new	6500'	440 sx.
5. Operator's minimum specifications for pressure control equipment is a 10", 3000 psi hydraulic blowout preventer. Blowout preventer will be tested daily. Refer to Diagram "C".
6. Fresh water base drilling mud will be used for the entire drilling operations, utilizing a dispersed mud system to a total depth. Mud weight will be controlled by controlling drilling solids. Barite will be used for weighing material in the event that abnormal pressures are encountered. Total system volume will be 350 barrels, not including potential reserve pit volume.
7. Auxiliary equipment is as follows:
 - (1) Kelly Cocks
 - (2) Bit Floats
 - (3) A full opening-quick close drill pipe valve is to be located on the derrick floor at all times.
8. Commercial shows of oil and gas will be tested. We are anticipating drill stem tests in the Wasatch and Green River Formations. No coring is anticipated.

DRILLING PLAN, Continued
R.I. JACORS OIL & GAS COMPANY
Belco 34-7
Uintah County, Utah

Page Two

The logging program is as follows:

- (1) Mud logging unit: from 300' to T.D.
 - (2) Dual Induction Laterlog-T.D. to base of surface casing.
 - (3) BHC-Gamma Ray Sonic w/Caliper, Integrated T.D. to base of surface casing.
 - (4) Formations Density/Compensated Neutron: Zones of interest.
9. No abnormal pressures or temperatures are anticipated. No potential hazards such as hydrogen sulfide are expected, based upon well experience in the area.
10. The anticipated starting date: April 15, 1982


Robert S. West

Roosevelt, Utah

R.L. JACOBS OIL & GAS COMPANY

13 Point Surface Use Plan

For
Well Location
Eighth Mile Flat Unit

Belco 34-7

located in

Section 7, T9S, R18E, S.L.B.&M.
Uintah County, Utah

8 Mile Flat-Belco 34-7
Section 7, T9S, R18E S.L.B. & M.

1. EXISTING ROADS

To reach R.L. JACOBS OIL & GAS Company well location 8 Mile Flat located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 7, T9S, R18E, S.L.B. & M., Uintah County, Utah; proceed Southwesterly out of Myton, Utah along U.S. Highway 40 - 1.5 miles to the junction of this Highway and Utah State Highway 53, to the South; proceed Southerly along this Highway 1.5 miles more or less, to the intersection of Utah State Highway 53 and Utah State Highway 216, thence proceed Southeasterly along Utah State Highway 216 10.9 miles to the junction of this road and an existing road to the East; proceed Easterly along this service road 2.5 miles to a flaged area. Road is to be built to the location of Belco 34-7 approx 1000' due South. See detail on map "B". The location is to the right (south) 1000'.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads up to the intersection of Utah State Highway 53 and 216, at which point Utah State Highway 216 is constructed out of existing native materials that are prevalent to the existing area. It is located in and ranges from clay to sandy-clay shale materials, as are the aforementioned dirt oil field service roads and other roads in the vicinity.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase, of the well. These roads will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B". There will be no planned access road. The existing road described in Item #1 goes to the location site.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known production wells, abandoned wells, temporarily abandoned wells, water wells, disposal wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a $\frac{1}{2}$ mile radius of this location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Hiko Bell Mining & Oil Company tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within $\frac{1}{2}$ mile radius of this location site.

8 Mile Flat - Belco 34-7
Section 7, T9S, R18E S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES - cont...

In the event that production is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fences and cattleguards which will be utilized for access to these facilities.

The area will be built if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

These facilities will be constructed using bulldozers, graders, and workmen crews to construct and place the proposed facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the The BLM water source, Approx. 7 miles East of location on main service road.
See Map "B Cont."

In the event that the above source is not used, other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCES OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and sandstone and shale material gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth materials. Prior to the onset of drilling, the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable toilet will be supplied for human waste.

A trash basket will be provided for flammable materials. Waste will be hauled by truck to the nearest sanitary landfill.

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.

The E.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #5, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket will be hauled to the nearest sanitary landfill. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

8 Mile Flat -

Section , T9S, R18E S.L.B. & M.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin that lies between the Book Cliff Mountains to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial streams and flow to the Southeast and are tributaries to the Green River.

The soils of the semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial, Sandstone, Mudstone) from the Eocene and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist of light brownish clay (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, cacti, and large areas of bare soils devoid of any growth. In the areas that are formed along the edges of perennial streams cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses, and cacti can be found.

The fauna of the area is sparse and consists predominantly of mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrow, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

8 Mile Flat Belco 34-7 location site sits on a small hill with a small drainage to the East of location which drains north to main service road. See topo-map "B".

The geologic formation on the location is in the Uinta Formation and consists of light brownish-gray clay (SP-CL) with some sandstone outcrops.

The ground slopes to the north through the location, at approximately 0.2 grade. Small drainage to the East.

R.L. JACOBS OIL & GAS COMPANY
8 Mile Flat - Belco 34-7
Section 7, T9S, R18E S.L.B. & M.

11. OTHER INFORMATION - cont...

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Robert S. West
Jacobs Drilling Co.
Jacobs Oil and Gas

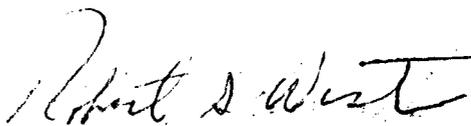
1-801-789-3233

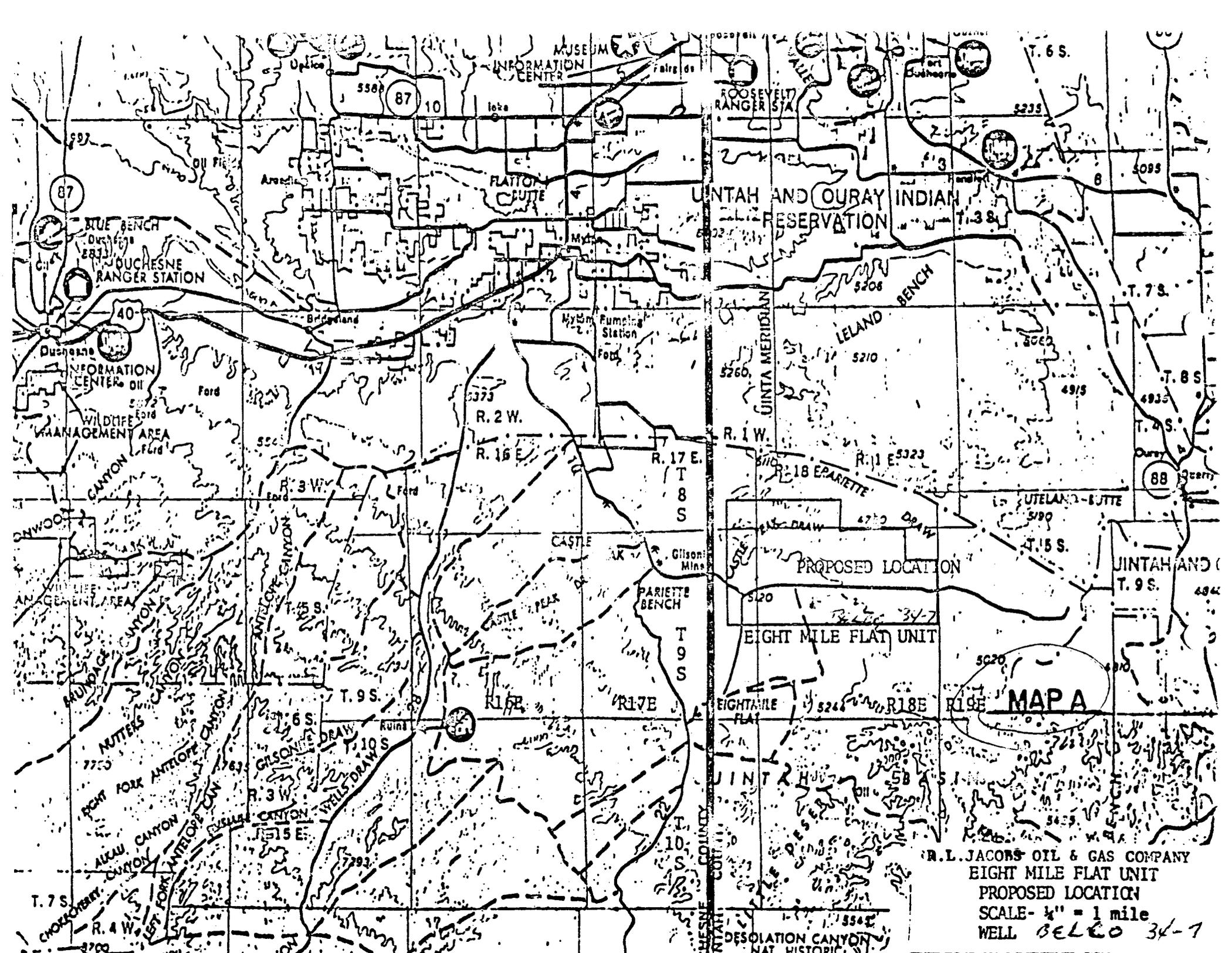
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operation proposed herein will be performed by HIKO BELL MINING & OIL COMPANY and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

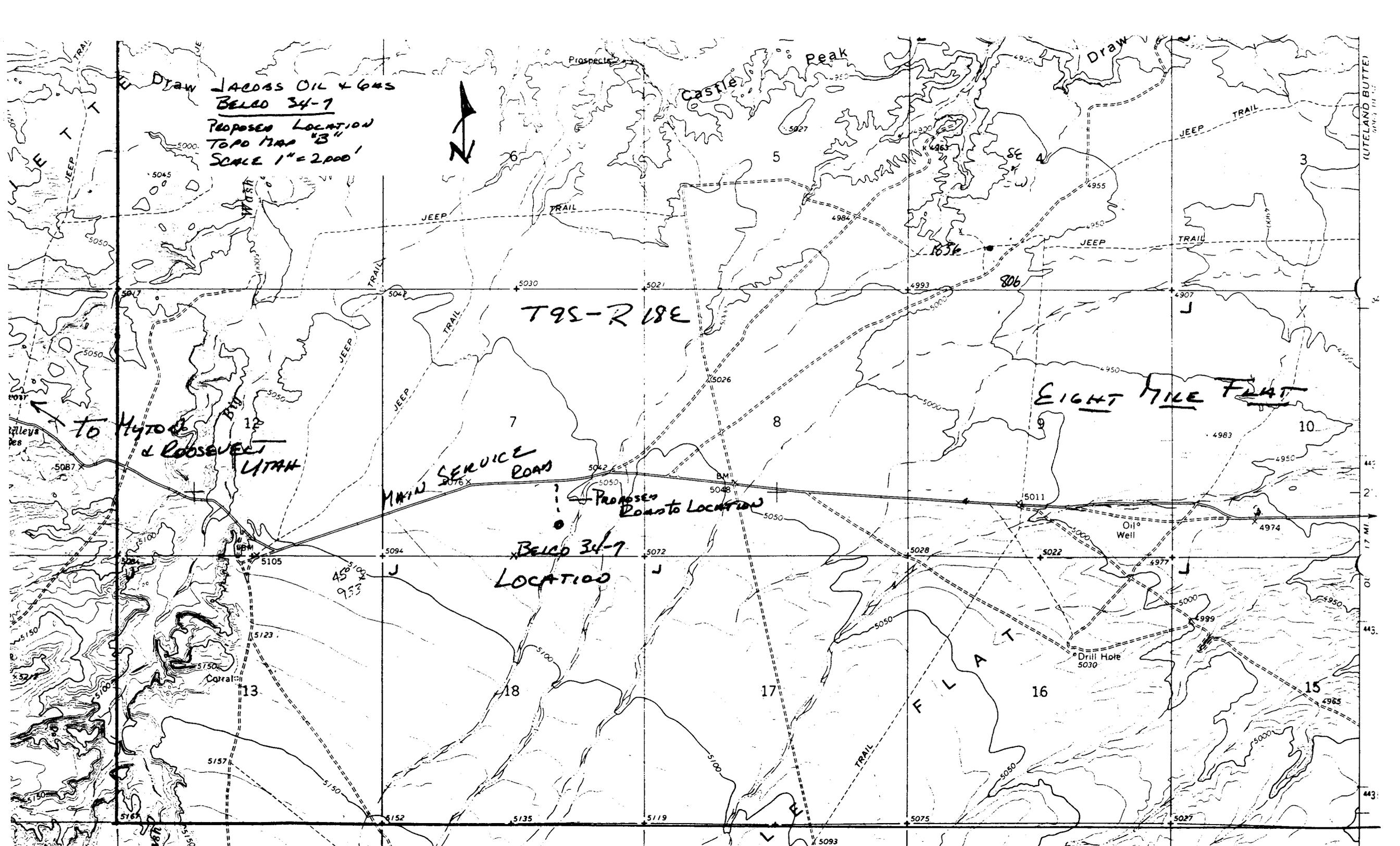
Mar 30, 1982

Date


Robert S. West



R.L. JACOBS OIL & GAS COMPANY
 EIGHT MILE FLAT UNIT
 PROPOSED LOCATION
 SCALE - $\frac{1}{4}$ " = 1 mile
 WELL BELCO 34-7



JACOBS OIL & GAS
BEICO 34-7
PROPOSED LOCATION
TOP MAP "B"
SCALE 1" = 2,000'



T9S-R18E

EIGHT MILE FLAT

TO HYTON
& ROOSEVELT
LITAH

MAIN SERVICE ROAD

BEICO 34-7
LOCATION

PROPOSED ROAD TO LOCATION

Oil Well

Drill Hole 5030

UTELAND BUTTE

3

4

2

17 MI

OL

44

43

42

41

40

39

38

37

36

35

T. 8 S.

T. 9 S.

4064 III SW (PARIETTE DRAW SW)

JACOBS OIL & GAS
BELCO 34-7
TOPO MAP "B CONT"
SCALE 1" = 2000'



Draw

SOURCE OF WATER
BEL WATEK
SPELLING

3

2

6

5

8

4

4434

TRAIL

Oil Well

Oil Well

Pariette

10

11

12

8

BM x 4774

Oil Well

BM 4746

4433

2'30"

BM x 4910

4812

4405

E I G H T M I

L E

18

17

F L A T

15

14

13

BM x 4702 16

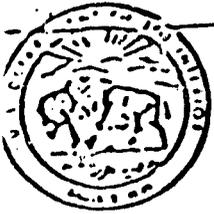
4431

JEEP

4983

4721

520 000



United States Department of the Interior

Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale: These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
 2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
 3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

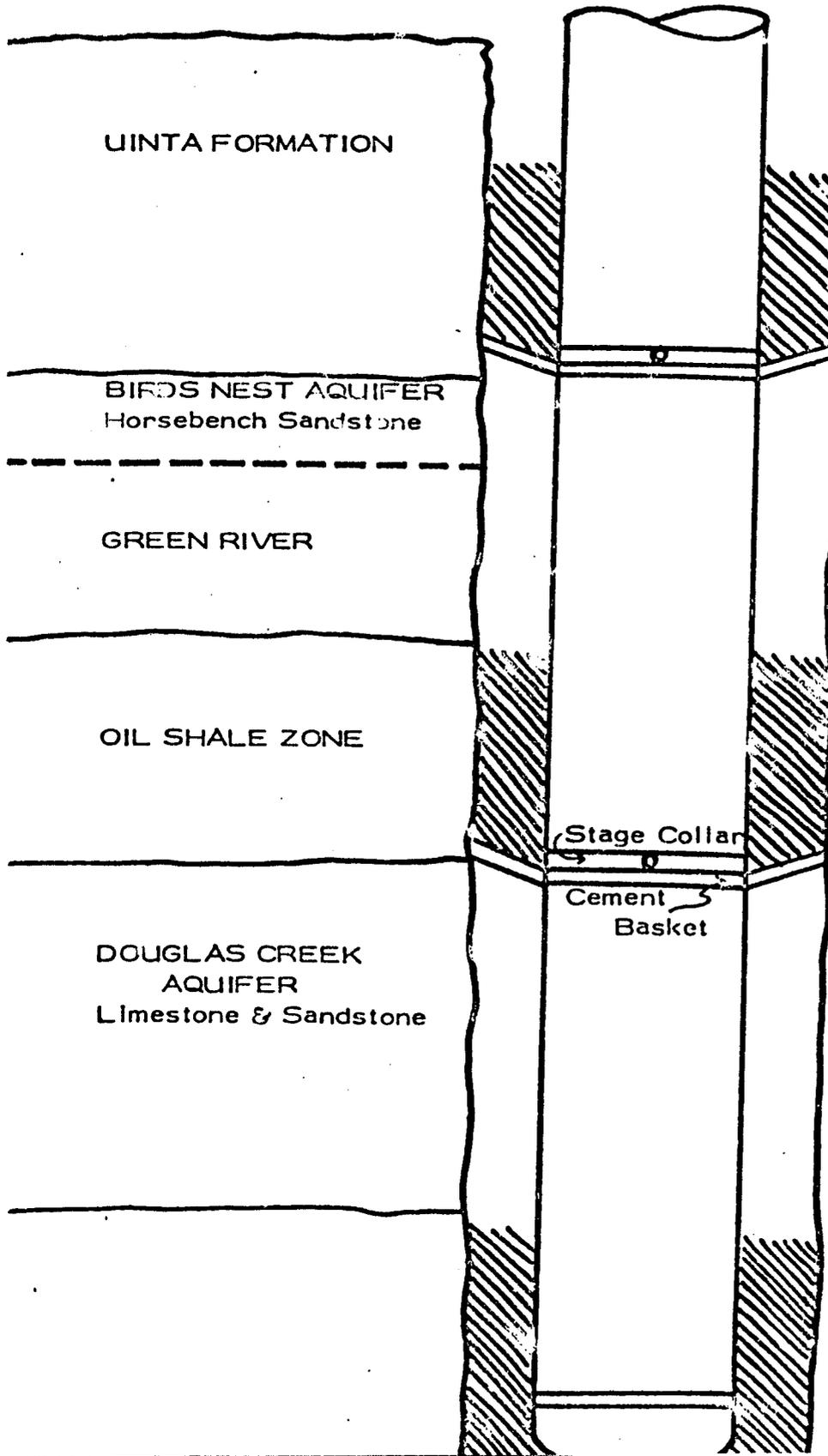
1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Gynn
District Oil and Gas Supervisor

AJR/kr

PARTIAL CASING & CEMENTING PROGRAM
FOR WELLS IN THE
EIGHT MILE FLAT UNIT
UINTAH CO. UTAH

NOT TO SCALE



UINTA FORMATION

BIRDS NEST AQUIFER
Horsebench Sandstone

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK
AQUIFER
Limestone & Sandstone

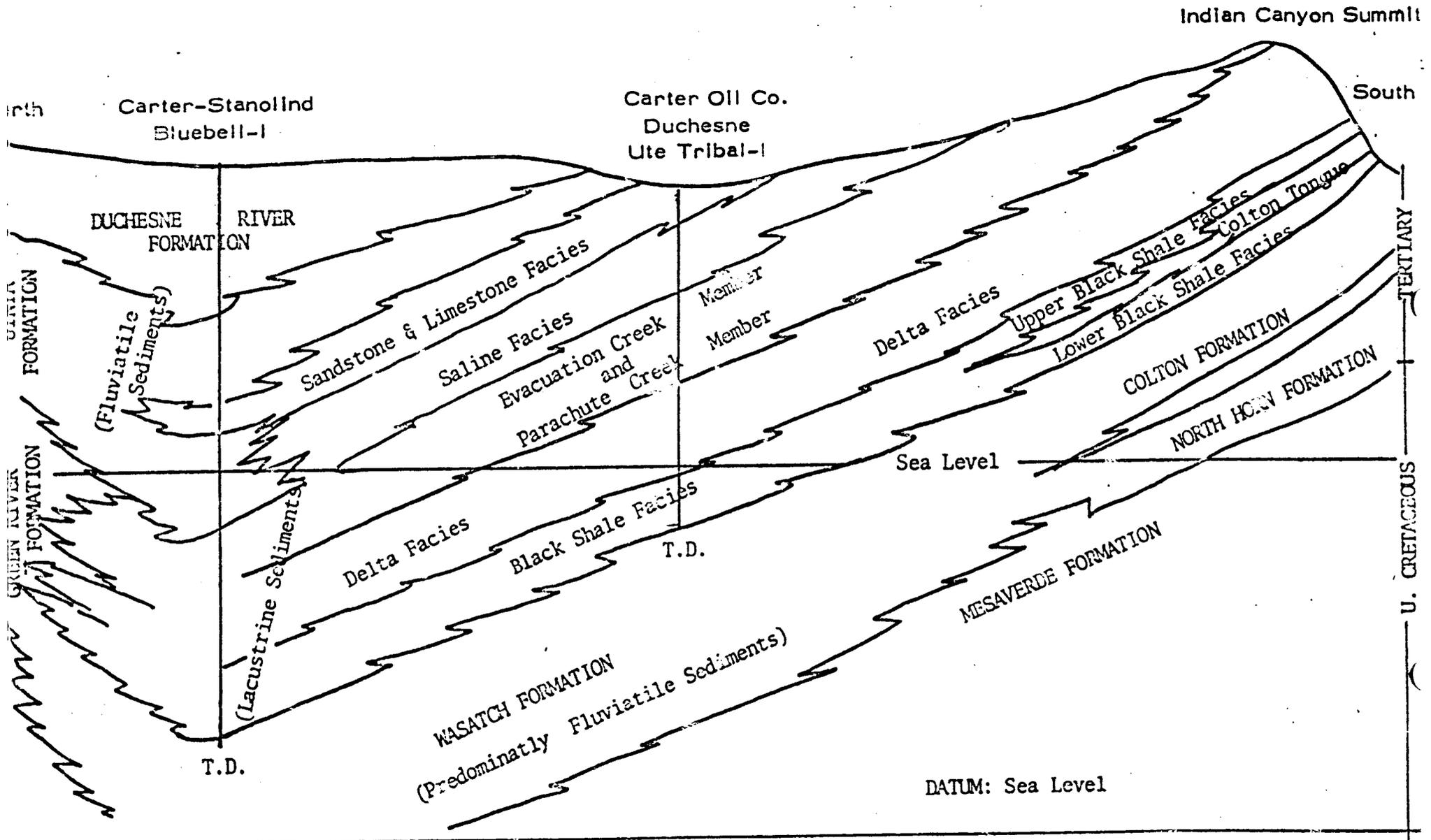
Stage Collar

Cement
Basket

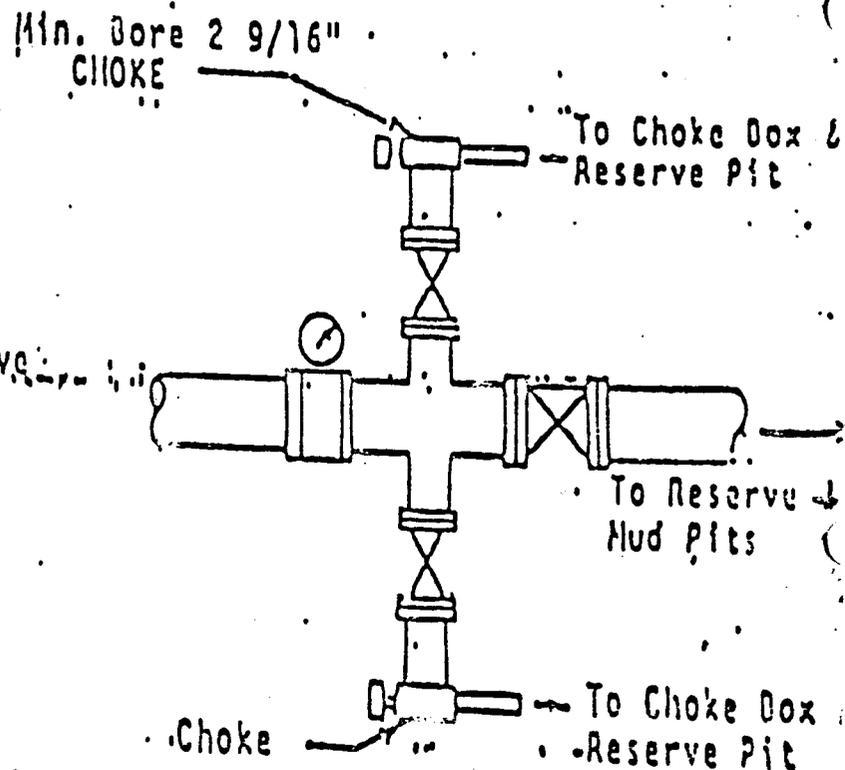
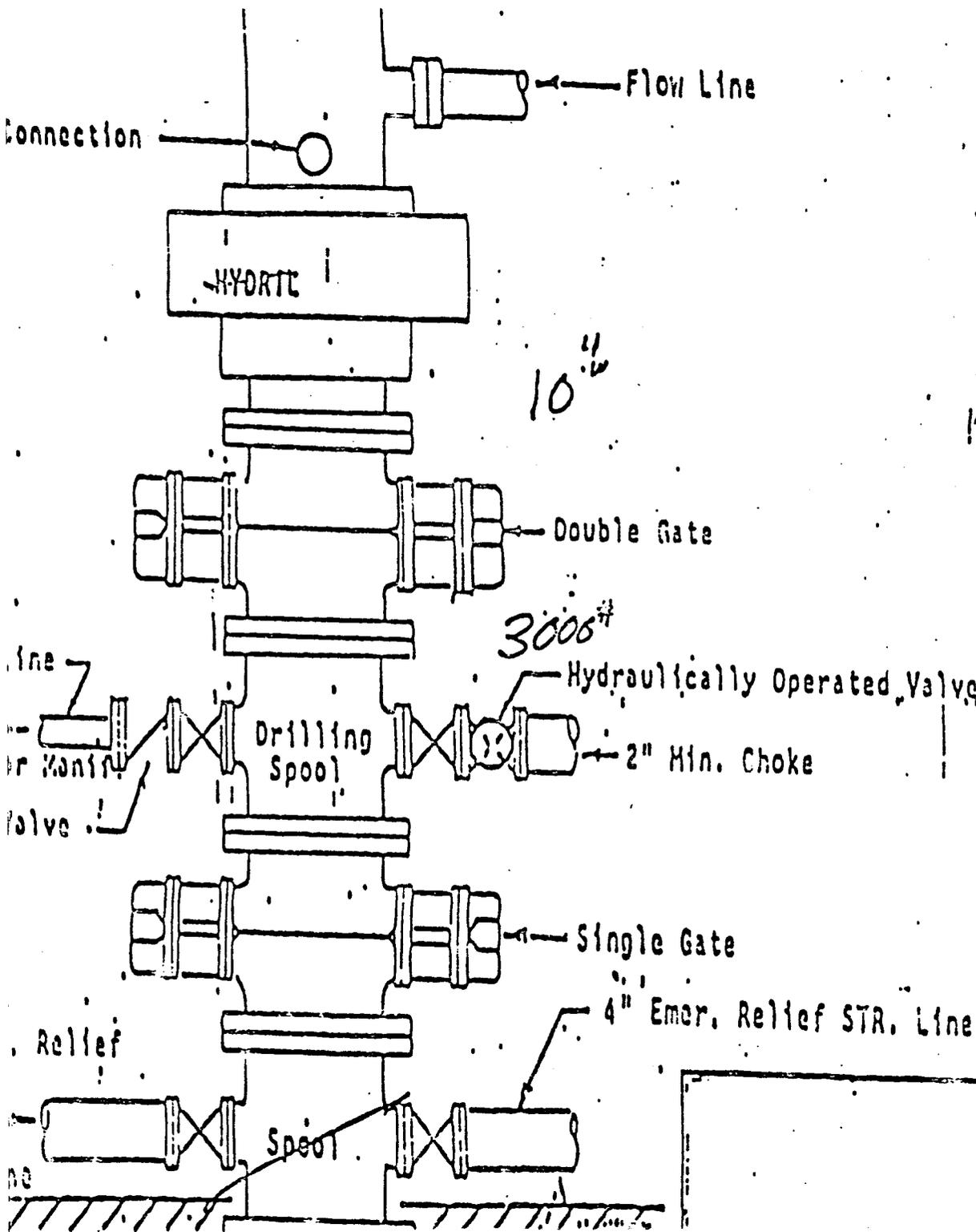
Cement basket is placed
50' above top aquifer to
allow cement to rise at least
300' in annulus

Cement Basket is set at
consolidated section at the
base of the Oil Shale Zone.
This allows the cement to reach
the top of the Mahogany Zone.

Cement will reach base of
Lower Aquifer

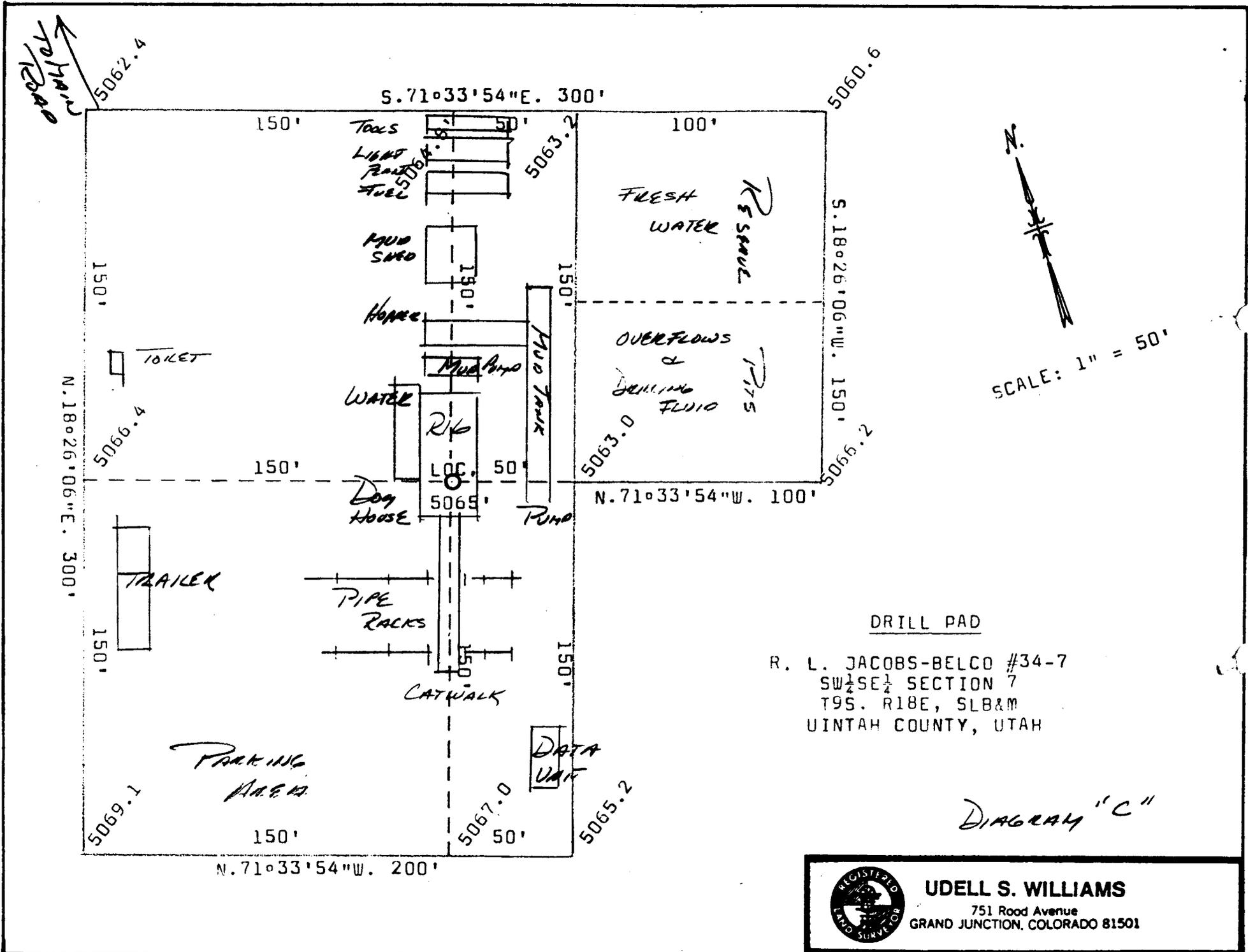


View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in cross section) is located about 8 miles southeast of the application area.



HIKO BELL MINING & OIL COMPANY

Utah County, Utah
 U.S.O. & G.I.S.



N.

SCALE: 1" = 50'

DRILL PAD

R. L. JACOBS-BELCO #34-7
 SW 1/4 SE 1/4 SECTION 7
 T9S. R18E, 5LB&M
 UINTAH COUNTY, UTAH

DIAGRAM "C"

 **UDELL S. WILLIAMS**
 751 Rood Avenue
 GRAND JUNCTION, COLORADO 81501

** FILE NOTATIONS **

DATE: 4-13-82

OPERATOR: R. L. Jacobs Oil & Gas Co.

WELL NO: Bales 34-7

Location: Sec. 7 T. 9S R. 18E County: Unital

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31202

CHECKED BY:

Petroleum Engineer: _____

Director: OK unit well

Administrative Aide: Unit Well

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed.

Plotted on Map

Approval Letter Written

Hot Line

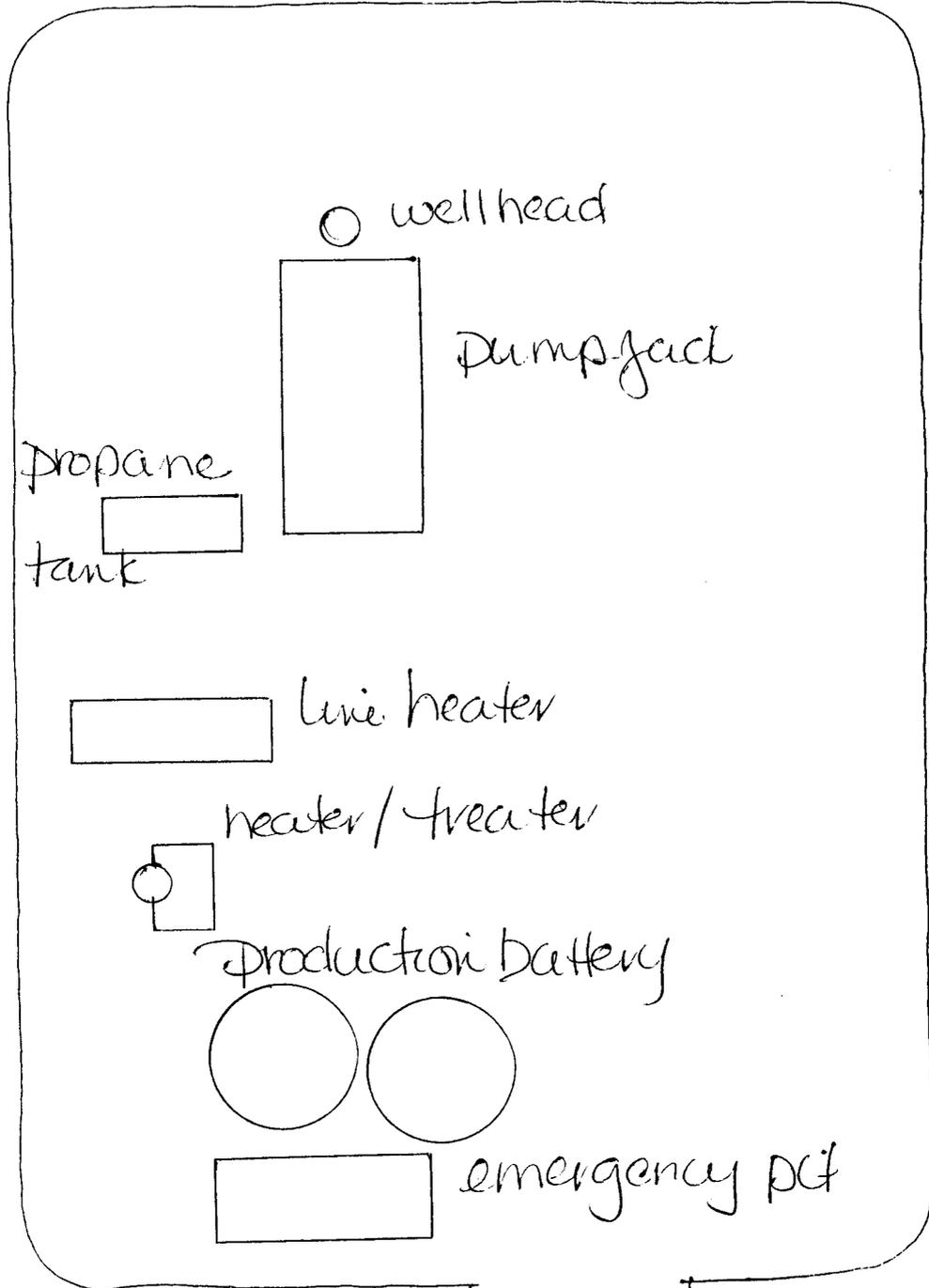
P.I.

21202

Belco 34-7

Sec 7 T98 R18E

Buby 3/17/89



April 15, 1982

R. L. Jacobs Oil & Gas Company
2467 Commerce Blvd.
Grand Junction, Colorado 81501

RE: Well No. Belco 34-7
Sec. 7, T. 9 S, R 18 E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31202.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: Minerals Management Service

Linda

BELCO DEVELOPMENT CORPORATION
DAILY DRILLING REPORT
FRIDAY, APRIL 30, 1982

VERNAL DISTRICT

OUTSIDE OPERATED

EIGHT MILE FLAT

Belco 34-7
Uintah County, Utah
TD 6500' Wasatch
Jacobs Rig #2
Jacobs Oil & Gas
Belco WI 0%

4-29-82
2300'(410') 7. Drilling.
Drl'd 410' in 24 hrs.

CONOCO BLUEFEATHER

4-30
Uintah County, Utah
J.W. Gibson Well Service
Conoco Oil Company
Belco WI 33.33%

Flowed 20 BLW in 24 hrs.
TP-350 CP-650
Making 200 MCF gas /day, with lite mist
SI well @12:00 noon on 4-28-82.
Dropped from report till hooked to sales
line. 1584 BLWTR.

RECEIVED

JUN 25 1982

DIVISION OF
OIL, GAS & MINING

LOCATION STATUS

BRENNAN BOTTOMS	3-14	PERMITTED 2-10-82
CHAPITA WELLS UNIT	59-18	LOCATION BUILT, SURFACE SET
	60-18	APD SUBMITTED 1-4-82, INSP 1-29-82
	203-16MV	PERMITTED 1-13-82, BIA APPROVAL 3-15-82
	217-23	PERMITTED 3-16-82
	219-15	REQUEST STAKE NEW LOCATION
	220-10	PERMITTED 2-10-82
	224-10	REQUEST PERMISSION TO STAKE 4-14-82
COTTONWOOD BUTTES	7-19GR	PERMITTED 3-22-82
DUCK CREEK	9-16GR	LOCATION BUILT, SURFACE SET
	13-17GR	PERMITTED 7-16-81
	27-9 GR	PERMITTED THRU 9-12-82
	28-9 GR	PERMITTED THRU 9-12-82
	29-9 GR	PERMITTED THRU 9-12-82
	30-9 GR	PERMITTED THRU 9-12-82
	31-16GR	LOCATION BUILT, SURFACE SET
	34-17GR	PERMITTED 1-27-82
	43-17GR	PERMITTED 7-13-81
	44-17GR	PERMITTED 7-13-81
	45-17GR	PERMITTED 5-28-81
	46-17GR	PERMITTED 6-17-81
	47-17GR	PERMITTED 6-19-81
	48-17GR	PERMITTED 6-16-81
	49-17GR	PERMITTED 1-21-82
Wasatch	54-9	PERMITTED 7-10-81
Wasatch	55-9	PERMITTED 7-13-81
	56-8 GR	PERMITTED 9-14-81
	57-8 GR	PERMITTED 9-14-81
	58-9 GR	PERMITTED 6-17-81
	59-8 GR	PERMITTED 6-5-81
NATURAL BUTTES UNIT	200-7	APD SUBMITTED 12-20-81, INSP 2-1-82
	201-20	APD SUBMITTED 1-11-82, INSP 2-9-82
	202-3	APD SUBMITTED 1-11-82, INSP 2-9-82
	205-8	REQUEST PERMISSION TO STAKE 4-23-82
	206-9	PERMITTED 3-29-82
	207-4	PERMITTED 3-29-82
	210-24MV	APD SUBMITTED 1-11-82, INSP 2-9-82
	211-20	PERMITTED 3-31-82
NATURAL DUCK	13-21GR	PERMIT EXPIRED 4-10-82
	15-21GR	PERMITTED 6-15-81
	16-20GR	PERMITTED 5-28-81
	17-20GR	PERMITTED 6-5-81
	18-20GR	PERMITTED 6-16-81
	19-20GR	PERMITTED 5-28-81
	20-20GR	PERMITTED 6-5-81
	21-20GR	PERMITTED 6-2-81
	22-20GR	PERMITTED 7-13-81
	23-20GR	PERMITTED 9-14-81

COLORADO WELLS

ATCHEE UNIT	7-13FED	STAKING
	8-21FED	STAKING
	9-5 FED	STAKING
	15-10FED	REQUEST PERMISSION TO STAKE 4-27-82
	16-3 FED	REQUEST PERMISSION TO STAKE 4-27-82
BUTTERMILK CANYON UNIT	5-4 FED	PERMITTED 10-29-81, STATE APPROVAL EXP
	6-4 FED	PERMITTED 10-9-81, STATE APPROVAL EXP
	8-3 FED	PERMITTED 7-23-81, STATE APPROVAL EXP
	9-10FED	PERMITTED 7-23-81, STATE APPROVAL EXP
	11-18FED	PERMITTED 10-30-81, STATE APPROVAL EXP
	14-7 FED	STAKING

CONNECTION STATUS

CHAPITA WELLS

1-4 FED CIG HOOKING UP

1-5 FED CIG HOOKING UP

BRENNAN BOTTOMS

1-15 WO SALES HOOKUP

ATCHEE UNIT

3-12FED WO WESTERN SLOPE GAS FOR SALES HOOKUP

6-24FED WO WESTERN SLOPE GAS FOR SALES HOOKUP

WAITING ON COMPLETIONS

BUTTERMILK CANYON UNIT 3-3 FEDERAL

RECEIVED

3
15

Form 1-1980
REV. 6-1982

UNITED STATES
DIVISION OF DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

U - 16540
5. LEASE DESIGNATION AND SERIAL NO.

DIVISION OF OIL & GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Jacobs Oil & Gas Company

3. ADDRESS OF OPERATOR
2467 Commerce Blvd., Grand Junction, Colorado 81505

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FEL & 660' FSL, Sec. 7, Tp. 9S, Rge. 18E. SLM
At top prod. interval reported below Same
At total depth 6000'

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Eight Mile Flat Unit

8. FARM OR LEASE NAME

9. WELL NO.
Jacobs - Belco #34-7

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 7, Tp. 9S. Rge. 18E
SLB & M

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO. 43-047-31202 DATE ISSUED April 15/82

15. DATE SPUNDED April 22/82 16. DATE T.D. REACHED May 11, 1982 17. DATE COMPL. (Ready to prod.) November 26, 1982 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL-5065', KB-5975' 19. ELEV. CASINGHEAD 5065'

20. TOTAL DEPTH, MD & TVD 6000' 21. PLUG, BACK T.D., MD & TVD 6000' 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY 23. INTERVALS ROTARY TOOLS CABLE TOOLS T.D. 6000'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5811-5912 4768-4772 3668-3682 All in Green River
5524-5415 4525-4533 4009-4015 Formation
5198-5200 3822-3744
25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, Comp. Neutron/Density CBL Bond Log, Computer Flap SD, R A Gamma Ray Log 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24# new -	315	12 1/4"	225 sx Class G Cement	none
5 1/2"	15.5#	6000'	7 7/8"	970 Sx Class G & RFG	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5780'	5790'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5912-5715	w/27	4009-4015 w/7	5912-5715	w/3000 gals 10% HCl
5536-5415	w/16	3968-3992 w/18	2815-2825	cement-squeeze w/175 sx class H
5300-5198	w/26	3830 + 3738 w/18		
4773-4768	w/10	2815-2825 w/21		
4533-4525	w/20			

33. PRODUCTION
DATE FIRST PRODUCTION NOV. 30 / 82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST NOV. 29 / 82 HOURS TESTED 24 CHOKES SIZE open PROD'N. FOR TEST PERIOD 165 OIL-BBL. 165 GAS-MCF. 50MCF WATER-BBL. 0 GAS-OIL RATIO .005 to 1
FLOW. TUBING PRESS. 400# CASING PRESSURE 0 CALCULATED 24-HOUR RATE 165 BOPD OIL-BBL. 165 GAS-MCF. 50 mcf WATER-BBL. none OIL GRAVITY-API (CORR.) 32 API

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY John Pittsenberger

35. LIST OF ATTACHMENTS
Dual Induction - Comp. Neutron/Density, Computer, CBL Bond Log
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED A. Gordon Libanon TITLE Geologist DATE Nov 25, 1982

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

5912-5715 w/3000 gal. 10% HCl, 91,000# 20/40 & 83,000 gal fluid.
 5536-5515 w/101,000# 20/40 & 45,300 gals fluid
 5300-5198 w/ 123/200 # 20/40 and 12/20 & 65,380 gals fluid.
 4772-4760 w/800 gals 150 degree diesel.
 4773-4525 w/65,000 # 20/40. Screen-out at 75%.
 3982-3968 w/12,000# 20/40, 24,000# 12/20, 55,310 fl.
 3830-3738 w/35,000 # 20/40 & 12,800# 12/20. Screen-out
 2825-2835 -squeeze off with 175 sx. cement/class H

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 PRESSURE, AND RECOVERIES

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.
	DEPTH	THICKNESS		
GREEN RIVER Tertiary	5902	5912	5912	SS, Lt brn, vfg w/ lt brn oil st.
	5715	5824	5824	Ls, dol & SS. Ls is microXlline. Sm o-st
	5415	5526	5526	SS, lt brn, sub-ang. 150 units gas
	4768	5300	5300	Sh-blk/dk brn, soft with some o-st & por.
	4525	4533	4533	SS-wellsrtd, and much oil in smpls/shkrs
	3968	4015	4015	SS-prly srtd w/ good yel fluor.
	3744	3822	3822	SS-fg, oil std/w/gas at 350 units
	2815	2825	2825	SS- uncons. good por., sl o-std.WET

38. GEOLOGIC MARKERS

NAME	TOP	
	NEAR. DEPTH	TRUE VERT. DEPTH
Uintah	Surface	1490
Evac. Crk tgr	1490	711
Parachute Ck	2201	1692
Douglas Crk.	3893	1240
Black Shale	5133	519
Green River Tsm	5652	
Basal Carbonate	5710	
Wasatch Fm.	5903 to T.D.	6000'



4241 State Office Building, Salt Lake City, UT 84114 • 801-533-5771

*Need Surveys
to verify
Operator Change*

RECEIVED

PRODUCING ENTITY ACTION FORM

JUL 2 1984

Operator Name R. L. JACOBS OIL & GAS Co.
 Address 2467 COMMERCE BLVD.
 City GRAND JUNCTION state Colo. zip 81505
 Utah Account No. N 1370

Authorized Signature J. Collins
 Effective Date MAY 1, 1984 Telephone (303) 243-7814

DIVISION OF OIL
GAS & MINING
ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary)

JUL - 2 1984

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location				County
					Sec.	T	R	County	
D	00554		43 047 31274	JACOBS - BELCO 32-8	8	9S	18E	WINATH	GRPV
D	00564		43 047 31126	✓ BELCO 7-1	7	9S	18E		
D	00564		43 047 31202	✓ BELCO 34-7	7	9S	18E		
D	00570		43 047 31029	✓ 11-1	11	9S	18E		
D	00570		43 047 31127	✓ 3-1	3	9S	18E		
D	00570		43 047 31142	✓ 18-1	18	9S	18E		
D	00570		43 047 31181	✓ HIKO-BELL 4 4-1	4	9S	18E		
D	00570		43 047 31214	✓ HIKO BELL #22-10	10	9S	18E		
				NEW ENTITY is:					
				OVERTHRUST OIL Royalty					
				10 INVERNESS DR. EAST Suite 112					
				ENGLEWOOD Colo. 80112					

Claudia
These wells
need to be
merged to
Overturist.
4-27-84 Jack Over
Thomas Smith
7-31-84
UC

PHONE (303) 790-0776

RECEIVED

OCT 24 1991

DESIGNATION OF AGENT OR OPERATOR - FORM 5

The undersigned is, on record, the holder of oil and gas lease

DIVISION OF
OIL GAS & MINING

LEASE NAME: Eight Mile Flat Field

LEASE NUMBER: (Listed below)

and hereby designates

NAME: Cline Oil and Gas Company

ADDRESS: P. O. Box 700810, Tulsa OK 74170-0310

as his agent/operator, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to (describe acreage to which this designation is applicable):

<u>Lease No.</u>	<u>Location</u>	
U-15392	Sec. 11, T 9 S, R 18 E	Uintah County, Utah
U-16539	Sec. 3, T 9 S, R 18 E	
U-16540	Sec. 7, T 9 S, R 18 E	
and	Sec. 8, T 9 S, R 18 E	
U-17424	Sec. 4, T 9 S, R 18 E	
U-17036	Sec. 10, T 9 S, R 18 E	
U-39714	Sec. 18, T 9 S, R 18 E	

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation 10-14-91 By: Darryl H. Brown *GHP Corporation, General Partner*
 Company GHP/JH Limited Partnership Title: President (signature)
 Address Suite 125D 5251 DTC Parkway Phone: 303-796-2600
Englewood, Colo 80111

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

6. Lease Designation and Serial Number U-16540
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Belco 34-7
10. API Well Number 43-047-31202
11. Field and Pool, or Wildcat Eight Mile Flat Field N.

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Cline Oil and Gas Company	
3. Address of Operator P. O. Box 700810, Tulsa OK 74170-0810	4. Telephone Number 918/481-5837
5. Location of Well Footage : 660 FSL, 1980 FEL QQ, Sec. T., R., M. : Sec. 7, T9S, R18E County : Uintah State : UTAH	

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> <td></td> </tr> </table> <p>Effective Date: <u>10/14/91</u></p> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Change of Operator</u>																											

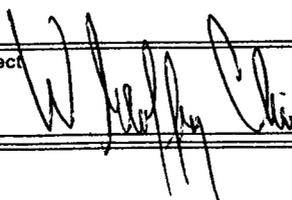
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RECEIVED

OCT 24 1991

DIVISION OF
OIL GAS & MINING

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

Name & Signature W. Geoffrey Cline  Title President Date 10/14/91
~~07/19/91~~

(State Use Only)

Effective Date of Designation _____

Company GHP/JH Limited Partnership Title: President (signature)
Address Suite 125D 5251 DTC Parkway Phone: 303-796-2600
Englewood, Colo 80111

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

6. Lease Designation and Serial Number
U-16540

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement
(Entity 00564)

9. Well Name and Number
Belco #34-7

10. API Well Number
4304731202

11. Field and Pool, or Wildcat
Eight Mile Flat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Overthrust Oil Royalty Corp.

3. Address of Operator 2046 East 4800 South, Suite 110
Salt Lake City, Utah 84117

4. Telephone Number
(801) 277-5360

5. Location of Well
Footage :
QQ, Sec. T., R., M. : SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 7, T.9 S., R.18 E., S.L.M.

County : Uintah
State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective as of October 1, 1991, the Operator of this Well was changed from that specified in Paragraphs 2 and 3 above to the following: Cline Oil and Gas Company, P.O. Box 700810, Tulsa, Oklahoma 74170.

RECEIVED
DEC 02 1991
DIVISION OF
OIL GAS & MINING

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

Name & Signature *Robert A. Nelson*
(State Use Only)

Trustee in Bankruptcy November 29, 1991
Title Date

MELVIN E. LESLIE
ATTORNEY AT LAW
10 WEST 300 SOUTH STREET, SUITE 703
SALT LAKE CITY, UTAH 84101

TELEPHONE: (801) 364-4442

November 29, 1991

Ms. Lisha Romero
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah

Re: Overthrust Oil Royalty Corp.

Dear Ms. Romero:

In accordance with our recent telephone conversations regarding the change of operatorship from the above-named Corporation to Cline Oil and Gas Company as regards wells in the Eight Mile Flat Area, I am enclosing the original copy of seven different Sundry Notices (Form 9) for filing with your Division. It is my understanding that Cline Oil and Gas Company has previously filed similar Sundry Notices, so the present filing should complete the documentation as to change of operatorship. If not, kindly advise me.

Very truly yours,



Melvin E. Leslie

MEL/bjw
Enclosures

RECEIVED

DEC 02 1991

DIVISION OF
OIL GAS & MINING

1-LGR	7-LGR
2-DTS	TS
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.
 Attach each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-14-91)

(new operator) <u>CLINE OIL AND GAS COMPANY</u>	FROM (former operator) <u>OVERTHRUST OIL ROYALTY CORP.</u>
(address) <u>P. O. BOX 700810</u>	(address) <u>10 WEST 300 SOUTH</u>
<u>TULSA, OK 74170-0810</u>	<u>SALT LAKE CITY, UT 84101</u>
<u>W. GEOFFREY CLINE, PRES.</u>	<u>MR. LESLIE, ATTY</u>
phone <u>(918) 481-5837</u>	phone <u>(801) 364-4442</u>
account no. <u>N 6000 (11-14-91)</u>	account no. <u>N 9610</u>

***EIGHT MILE FLAT UNIT/ALL WELLS**

Well(s) (attach additional page if needed):

Well: <u>3-1/GRRV</u>	API: <u>43-047-31127</u>	Entity: <u>570</u>	Sec <u>3</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-16539</u>
Well: <u>HIKO BELL U 4-1/GRRV</u>	API: <u>43-047-31181</u>	Entity: <u>10971</u>	Sec <u>4</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-17424</u>
Well: <u>BELCO #34-7/GRRV</u>	API: <u>43-047-31202</u>	Entity: <u>564</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-16540</u>
Well: <u>BELCO #7-1/GRRV</u>	API: <u>43-047-31126</u>	Entity: <u>10969</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-16540</u>
Well: <u>JACOBS-BELCO 32-8/GRRV</u>	API: <u>43-047-31274</u>	Entity: <u>554</u>	Sec <u>8</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-16540</u>
Well: <u>HIKO BELL #22-10/GRRV</u>	API: <u>43-047-31214</u>	Entity: <u>10973</u>	Sec <u>10</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-17036</u>
Well: <u>11-1/GRRV</u>	API: <u>43-047-31029</u>	Entity: <u>10970</u>	Sec <u>11</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U-15392</u>
Well: <u>18-1/GRRV</u>	<u>43-047-31142</u>	<u>10969</u>	<u>18 9S 18E</u>	<u>U-39714</u>

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 10-31-91) (Reg. 11-21-91) (Rec'd 12-2-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-24-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no ____ If yes, show company file number: #153590.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-21-91)*
6. Cardex file has been updated for each well listed above. *(11-21-91)*
7. Well file labels have been updated for each well listed above. *(11-21-91)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-21-91)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form). *Wells within specific PA's have been labelled. All other wells within unit boundary, but not within a PA, have separate entity assignments.*
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: December 16 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

1106 Btm/s.f. Cline Oil and Gas Company was designated operator of the "Eight mile Flat Unit" eff. 10-29-91. "All wells are now operated by Cline Oil & Gas Company."

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

6. Lease Designation and Serial Number
U-16540

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number
Belco 34-7

10. API Well Number
43-047-31202

11. Field and Pool, or Wildcat
Eight Mile Flat Field N.

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Cline Oil and Gas Company

3. Address of Operator
P. O. Box 700810, Tulsa OK 74170-0810

4. Telephone Number
918/481-5837

5. Location of Well
Footage : 660 FSL, 1980 FEL County : Uintah
OO, Sec. T., R., M. : Sec. 7, T9S, R18E State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off
 Other _____

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Treat Water Shut-Off
 Other Change of Operator
Effective Date: 10/14/91

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Cline Oil and Gas Company is considered to be the operator of Well 34-7; SW/4, SE/4, Section 7, Township 9 South, Range 18 East; Lease Number U-16540; Uintah 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 Bank of Oklahoma, BLM Bond Number UT0842.

VERNAL DIST.
NOV 22 1992

A.M.

RECEIVED
MAR 03 1992
DIVISION OF
OIL GAS & MINING

W. Jeffrey Cline 11/17/92

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

Name & Signature W. Geoffrey Cline *W. Jeffrey Cline* Title President Date 10/14/91
(State Use Only)

Handwritten signature

FEB 28 1992

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG - 9 1994

DEPT. OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Rocky Mountain Operating Company

3. Address and Telephone No.

3281 Cherryridge Road Englewood, Colorado 80110

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

Eight Mile Flat Area

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Rocky Mountain Operating Company is considered to be the operator of the wells as shown on EXHIBIT "A" and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 0842

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

Signed

Title

PRESIDENT

Date

JUNE 15, 1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

ATTACHMENT 1.

EIGHT MILE FLAT UNIT WELLS

GREEN RIVER A PARTICIPATING AREA

11-1	NWSW	11 9S	18E	OSI	UTU15392
------	------	-------	-----	-----	----------

GREEN RIVER B PARTICIPATING AREA

18-1	NWNW	18 9S	18E	POW	UTU39714
7-1	SENW	7 9S	18E	POW	UTU16540

GREEN RIVER C PARTICIPATING AREA

4-1	SESW	4 9S	18E	POW	UTU17424
-----	------	------	-----	-----	----------

GREEN RIVER D PARTICIPATING AREA

32-13	SWNE	13 9S	18E	OSI	UTU18048
-------	------	-------	-----	-----	----------

GREEN RIVER E PARTICIPATING AREA

34-8	SWSE	8 9S	18E	OSI	UTU16540
------	------	------	-----	-----	----------

THE FOLLOWING WELLS WERE DETERMINED NON PAYING AND SUBSEQUENTLY CONTRACTED FROM THE EIGHT MILE FLAT UNIT AREA. THEY SHOULD NOT BE REPORTED ON THE PLAN OF DEVELOPMENT IN THE FUTURE.

3-1	SENE	3 9S	18E	TA	UTU16539
32-8	SWNE	8 9S	18E	POW	UTU16540*CLI
34-7	SWSE	7 9S	18E	POW	UTU16540*CLI
22-10	SENW	10 9S	18E	OSI	UTU17036
11-8	NWNW	8 9S	18E	OSI	UTU16540
13-8	NWSW	8 9S	18E	OSI	UTU16540

APRIL 1 1994

Authorized Officer
Bureau of Land Management

Re: Eight Mile
Flat Unit
Uintah County, Utah

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the Eight Mile Flat Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the Eight Mile Flat Unit and Unit Operating Agreements. All operations within the Eight Mile Flat Unit Agreement will be covered by bond no. 0842.

Sincerely,



Edward Neibauer

Enclosures

RESIGNATION OF UNIT OPERATOR

Eight Mile Flat Unit Area

County of Uintah

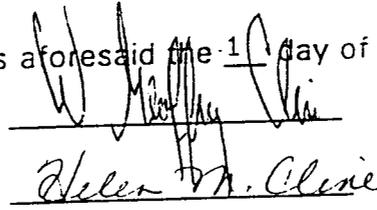
State of Utah

Unit Agreement No. 14-08-0001-19635

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the Eight Mile Flat Unit Area, Uintah County, Utah, Cline Oil and Gas Company the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 1 day of April, 1994.

ATTEST:


Helen M. Cline

DESIGNATION OF SUCCESSOR UNIT OPERATOR

Eight Mile Flat Unit Area

County of Uintah

State of Utah

Unit Agreement No. 14-08-0001-19635

THIS INDENTURE, dated as of the 1 day of April, 1994, by and between Cline Oil and Gas Company, hereinafter designated as "First Party," and the owners of unitized working interests, hereinafter designated as "Second Parties,"

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 29 day of October, 1991, approved a Unit Agreement for the Eight Mile Flat Unit Area, wherein Cline Oil and Gas Company is designated as Unit Operator, and

WHEREAS said, Cline Oil and Gas Company has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the Eight Mile Flat Unit Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

SECOND PARTY

Cline Oil and Gas Company

BY W. Geoffrey Cline, President

AND Helen M. Cline
Helen M. Cline, Secretary

FIRST PARTY

ROCKY MOUNTAIN OPERATING COMPANY, INC.

BY 
Execution Date: JUNE 15, 1994

BY _____
Execution Date: _____

CORPORATE ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF SANTA FE) SS.

The foregoing instrument was acknowledged before me this 3rd day of June 1994 by W. Geoffrey Cline President, and by Helen M. Cline Secretary of Cline Oil and a corporation.

Gas Company

WITNESS my hand and official seal.

My Commission Expires:

6-18-96



Notary Public

Place of Residence:

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS.

On the ___ day of _____, 19___, personally appeared before me _____ the signers) of the above instrument, who duly acknowledge to me that he/she or they executed the same.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

Place of Residence:

April 1 1994

Authorized Officer
Bureau of Land Management

Re: Eight Mile
Flat Unit
Uintah County, Utah

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the Eight Mile Flat Unit Area. Rocky Mountain Operating Co., as the designated successor operator under the Eight Mile Flat Unit Agreement, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator as set forth under the terms and provisions of the agreement. All operations within the Eight Mile Flat Unit Agreement will be covered by bond no. 0842

Sincerely,



Edward Neibauer

Enclosures



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 28, 1994

Edward Neibauer
Rocky Mountain Operating Company, Inc.
3281 Cherryridge Road
Englewood, Colorado 80110

Re: Cline Oil and Gas Company & S O Utah to Rocky Mountain
Operating Company, Inc.

Dear Mr. Neibauer:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 9 1994
OCT 28 1993

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Rocky Mountain Operating Company

3. Address and Telephone No.

3281 Cherryridge Road Englewood, Colorado 80110

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

Eight Mile Flat Area

11. County or Parish, State

Uintah County, Utah

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

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

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

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

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Rocky Mountain Operating Company is considered to be the operator of the wells as shown on EXHIBIT "A" and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 0842

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

Signed

[Signature]

Title

PRESIDENT

Date

JUNE 15, 1994

(This space for Federal or State office use)

Approved by

HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT
MANAGER MINERAL

Date

OCT 26 1994

EXHIBIT A

3-1	SENE	Sec 3-T9S-R18E	UTU16539
32-8	SWNE	Sec 8-T9S-R18E	UTU16540
34-7	SWSE	Sec 7-T9S-R18E	UTU16540
22-10	SENW	Sec 10-T9S-R18E	UTU17036
11-8	NWNW	Sec 8-T9S-R18E	UTU16540
13-8	NWSW	Sec 8-T9S-R18E	UTU16540

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	
2-LWP	7-PL ✓
3-DTS	8-SJ ✓
4-VLC	9-FILE ✓
5-RJF	
6-LWP	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-94)

TO (new operator)	<u>ROCKY MT OPERATING CO INC</u>	FROM (former operator)	<u>CLINE OIL AND GAS COMPANY</u>
(address)	<u>3281 CHERRYRIDGE RD</u>	(address)	<u>526 CANYON RD</u>
	<u>ENGLEWOOD CO 80110</u>		<u>SANTA FE NM 87501</u>
	<u>EDWARD NEIBAUER</u>		<u>W GEOFFREY CLINE</u>
	phone (303) <u>762-0922</u>		phone (505) <u>982-5328</u>
	account no. <u>N4890 (8-22-94)</u>		account no. <u>N6000</u>

Well(s) (attach additional page if needed): ***EIGHT MILE FLAT UNIT**

Name: <u>*BELCO 7-1/GRRV</u>	API: <u>43-047-31126</u>	Entity: <u>10969</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U16540</u>
Name: <u>*18-1/GRRV</u>	API: <u>43-047-31142</u>	Entity: <u>10969</u>	Sec <u>18</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U39714</u>
Name: <u>*11-1/GRRV</u>	API: <u>43-047-31029</u>	Entity: <u>10970</u>	Sec <u>11</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U15392</u>
Name: <u>*HIKO BELL U 4-1/GRRV</u>	API: <u>43-047-31181</u>	Entity: <u>10971</u>	Sec <u>4</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U17424</u>
Name: <u>JACOBS-BELCO 32-8/GRRV</u>	API: <u>43-047-31274</u>	Entity: <u>554</u>	Sec <u>8</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U16540</u>
Name: <u>BELCO 34-7/GRRV</u>	API: <u>43-047-31202</u>	Entity: <u>564</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U16540</u>
Name: <u>3-1/GRRV</u>	API: <u>43-047-31127</u>	Entity: <u>570</u>	Sec <u>3</u> Twp <u>9S</u> Rng <u>18E</u>	Lease Type: <u>U16539</u>
<u>HIKO BELL 22-10/GRRV</u>	<u>43-047-31214</u>	<u>10973</u>	<u>10 9S 18E</u>	<u>U17036</u>

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 8-4-94) (* See Resignation of Unit Oper & other doc.)
- LEC 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 8-4-94) (Rec'd 8-9-94)
- LEC 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes (no) ____ If yes, show company file number: ____ (8-3-94) (10-28-94 ltr mailed)
- LEC 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. 10-31-94
- LWP 6. Cardex file has been updated for each well listed above. 10-31-94
- LWP 7. Well file labels have been updated for each well listed above. 10-31-94
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-28-94)
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- sc* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/*no*) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operators' bond files.
- ____ 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- sc* *11/1/94*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.

FILMING

1. All attachments to this form have been microfilmed. Date: November 4 1994.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941019 Bha/S.G. Aprv. "Eight Mile Flat Unit" operator eff. 10-19-94.

941026 Btm/Vernal Aprv. "lease base wells".

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED

5. Lease Designation and Serial Number:
UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Federal #34-7

2. Name of Operator:
Rocky Mountain Operating Company, Inc.

9. API Well Number:
43-047-31202

3. Address and Telephone Number:
6131 S. Forest Ct., Littleton CO 80121 (303)850-7921

10. Field and Pool, or Wildcat:
Eight Mile Flat Unit

4. Location of Well
Footages: 660 FSL, 1980 FEL
QQ, Sec., T., R., M.: Sec. 7, T9S, R18E

County: Uintah
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat.
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual status report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices and waiting on the field to be electrified to lower operating costs.

13. Name & Signature: Edward Neibauer  Title: President Date: 2-10-95

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: UTU-16540
2. Name of Operator: Rocky Mountain Operating Company, Inc.	6. If Indian, Alottee or Tribe Name:
3. Address and Telephone Number: 6131 S. Forest Ct., Littleton CO 80121 (303)850-7921	7. Unit Agreement Name:
4. Location of Well Footages: 660 FSL, 1980 FEL QQ, Sec.,T.,R.,M.: Sec. 7, T9S, R18E	8. Well Name and Number: Federal #34-7 9. API Well Number: #43-047-31202 10. Field and Pool, or Wildcat: Eight Mile Flat
	County: Uintah State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)																										
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Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.																										

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices and waiting on the field to be electrified to lower operating costs.

13. Name & Signature: Edward Neibauer Title: President Date: 2-8-96

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: UTU-16540
2. Name of Operator: Rocky Mountain Operating Co., Inc.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 6111 S. Forest Ct., Littleton CO 80121 (303)850-7921	7. Unit Agreement Name:
4. Location of Well Footages: 660 FSL, 1980 FEL QQ, Sec., T., R., M.: Sec. 7, T9S, R18E	8. Well Name and Number: Federal #34-7 9. API Well Number: #43-047-31202 10. Field and Pool, or Wildcat: Eight Mile Flat County: Uintah State: Utah

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

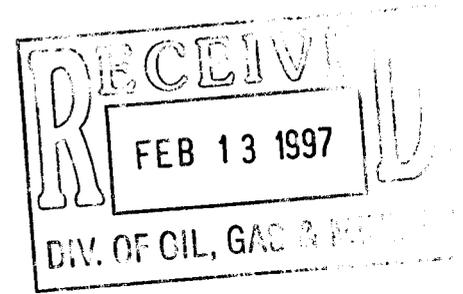
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ANNUAL STATUS REPORT: Temporarily shut-in due to waiting on the field to be electrified to lower operating costs and on implementation of a water flood program.

13. Name & Signature: Betty Neibauer *Betty Neibauer* Title: Secretary Date: 2-4-97

(This space for State use only)



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
Federal #34-7

2. Name of Operator:
Rocky Mountain Operating Co., Inc.

9. API Well Number:
#43-047-31202

3. Address and Telephone Number:
6111 S. Forest Ct., Littleton CO 80121 (303)850-7921

10. Field and Pool, or Wildcat:
Eight Mile Flat

4. Location of Well
Footages: 660 FSL, 1980 FEL
QQ, Sec., T., R., M.: Sec. 7, T9S, R18E

County: Uintah
State: Utah

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

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(Submit in Duplicate)

- Abandonment
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- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
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- New Construction
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Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

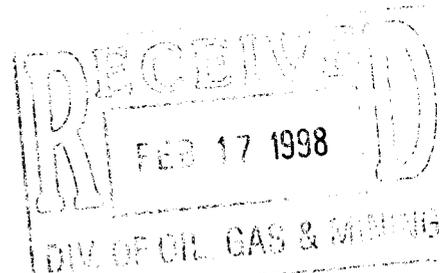
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ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices. Also on the implementation of a water flood program.

13. Name & Signature: Betty Neibauer Betty Neibauer Title: Secretary Date: 2-9-98

(This space for State use only)



SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well: OIL GAS OTHER:

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3. Address and Telephone Number:
6111 S. Forest Ct., Littleton CO 80121 303-850-7921

4. Location of Well
Footages: 660 FSL, 1980 FEL
OO, Sec., T., R., M.: Sec. 7, T9S, R18E

County: Uintah
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices.

13. Name & Signature: Betty Neibauer *Betty Neibauer* Title: Agent Date: 2-8-99

(This space for State use only)

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal #34-7

9. API Well Number:

#43-047-31202

10. Field and Pool, or Wildcat:

Eight Mile Flat

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:

6111 S. Forest Ct., Littleton CO 80121 303-850-7921

4. Location of Well

Footages: 660 FSL, 1980 FEL

QQ, Sec., T., R., M.: Sec. 7, T9S, R18E

County:

Uintah

State:

Utah

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

NOTICE OF INTENT (Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other See Explanation Below
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other _____
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RMOC, Inc. intends to begin production on the subject well within the next 12 months assuming oil prices remain stable.

13.

Name & Signature: Edward Neibauer

Title: President

Date: 3-23-99

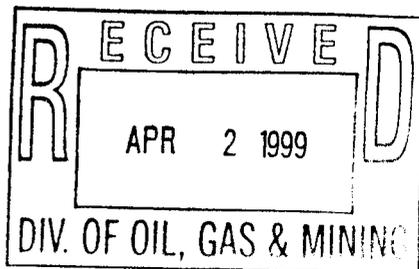
(This space for State use only)

COPY SENT TO OPERATOR
Date: 5-20-99
Initials: CAP

Accepted by the
Utah Division of
Oil, Gas and Mining

(See Instructions on Reverse Side)

Date: 4-5-99
By: NSH



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: UTU-16540
2. Name of Operator: Rocky Mountain Operating Company, Inc.	6. If Indian, Altonia or Tribe Name:
3. Address and Telephone Number: 6111 S. Forest Ct., Littleton CO 80121 (303)850-7921	7. Unit Agreement Name:
4. Location of Well Footages: 660 FSL, 1980 FEL OO, Sec., T., R., M.: Sec. 7, T9S, R18E	8. Well Name and Number: Federal #34-7
	9. API Well Number: #43-047-31202
	10. Field and Pool, or Wildcat: Eight Mile Flat
	County: Uintah State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Annual Status Report</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to waiting on completion of pipeline supplying gas to leases in order to help lower propane costs, which have become very costly.

13. Name & Signature: Betty Neibauer *Betty neibauer* Title: Agent Date: 2-6-01

(This space for State use only)

THIS SUNDRY IS BEING RETURNED, INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION.

The well has been nonactive or nonproductive for 7.17 years. In accordance with R649-3-36, a sundry notice shall be filed indicating the reasons and length of time for the well shut-in or temporary abandonment and a demonstration of the well's integrity; evidence that the well is not a risk to public health and safety or the environment. Upon receipt of this required information, the Division will either approve the request or require remedial measures to be taken to establish and maintain the wells integrity.

7-20-01 C.F.D.

R. Albrecht 2/20/01

RECEIVED

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allocated or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Federal #34-7

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

9. API Well Number:

#43-047-31202

3. Address and Telephone Number:

6111 S. Forest Ct., Littleton CO 80121 (303)850-7921

10. Field and Pool, or Wildcat:

Eight Mile Flat

4. Location of Well

Footages: 660 FSL, 1980 FEL

County: Uintah

QQ, Sec., T., R., M.: Sec. 7, T9S, R18E

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: The well is temporarily shut-in and a rework and/or plug and abandonment program is currently being proposed for approval. This work is scheduled to be performed by July 1, 2002.

13.

Name & Signature: Betty Neibauer *Betty neibauer* Title: Agent Date: 2-8-02

(This space for State use only)

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: U-16540
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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Eight Mile Flat Unit
2. NAME OF OPERATOR: Inland Production Company		8. WELL NAME and NUMBER: Jacobs Belco 34-7
3. ADDRESS OF OPERATOR: 410 17th St. CITY Denver STATE Co ZIP 80202		9. API NUMBER: 4304731202
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL & 1980' FEL		10. FIELD AND POOL, OR WILDCAT: Monument Butte
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 7 9s 18e		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 checked="" 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 FLARE
	<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/RESUME)	<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.

Effective March 1, 2003, Inland Production Company has taken over operations of the above referenced well. The previous operator was:

Rocky Mountain Operating Company
6131 S. Forest Ct.
Littleton, Colorado 80121

Effective March 1, 2003, Inland Production Company is responsible under the terms and conditions of the leases for operations of the leased lands or a portion thereof under Federal Bond #UT-0056.

Rocky Mountain Operating Company

Name: _____

Title: _____

Signature: _____

Date: _____

NAME (PLEASE PRINT) Brian Harris
SIGNATURE *Brian Harris*

TITLE Engineering Technician
DATE 3/7/2003

(This space for State use only)

RECEIVED
APR 25 2003

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: U-16540
		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: Eight Mile Flat Unit
		8. WELL NAME and NUMBER: Jacobs Belco 34-7
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: 4304731202	
2. NAME OF OPERATOR: Inland Production Company	10. FIELD AND POOL, OR WILDCAT: Monument Butte	
3. ADDRESS OF OPERATOR: 410 17th St. Denver Co 80202	PHONE NUMBER: (303) 893-0102	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL & 1980' FEL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 7 9s 18e		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 FLARE
	<input checked="" 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/RESUME)	<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.

Effective March 1, 2003, Inland Production Company is changing the name of the Jacobs Belco 34-7 to the Federal 15-7-9-18.

NAME (PLEASE PRINT) <u>Brian Harris</u>	TITLE <u>Engineering Technician</u>
SIGNATURE <u><i>Brian Harris</i></u>	DATE <u>3/7/2003</u>

(This space for State use only)

RECEIVED
APR 25 2003 4/30/03
EL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MAR 12 2003 BLM

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other

2. Name of Operator INLAND PRODUCTION COMPANY

3. Address and Telephone No. 410 17TH STREET, SUITE 700, DENVER, CO 80202 (303)893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 1980' FEL (SWSE) Sec. 7, T9S, R18E

5. Lease Designation and Serial No U-16540

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation Eight Mile Flat Unit

8. Well Name and No. Belco 34-7

9. API Well No. 43-047-31202

10. Field and Pool, or Exploratory Area Monument Butte

11. County or Parish, State Uintah Co., Utah

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other Change of Operator, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

Effective March 1, 2003, Inland Production Company will take over operations of the above mentioned Well. The previous operator was:

Rocky Mountain Operating Company 6131 S. Forest Ct. Littleton, Colorado 80121

RECEIVED

Effective March 1, 2003 Inland Production Company is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof. Bond coverage for this well is provided by Bond No. UT0056, issued by the Hartford Insurance Group.

MAY 12 2003

DIV. OF OIL, GAS & MINING

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

Signed [Signature] Brian Harris

Title Engineering Technician

Date 3/7/03

(This space of Federal or State office use.)

Approved by [Signature] Conditions of approval, if any:

Title Petroleum Engineer

Date 4/25/03

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

*See Instruction on Reverse Side



5. Lease Designation and Serial Number:
UTU_16540

6. If Indian, Altiotee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:
Federal #34-7

9. API Well Number:
43-047-31202

10. Field and Pool, or Wildcat:
Eight Mile Flat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:
6111 S. Forest Ct., Littleton CO 80121 303-850-7921

4. Location of Well
Footages: 660 FSL, 1980 FEL
OO, Sec., T., R., M.: Sec. 7, T9S, R18E
County: Uintah
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.
Approximate date work will start _____	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 3-1-03 Rocky Mountain Operating Company, Inc. is no longer the operator of this lease. The new Operator is:

Inland Production Company
410 17th Street
Suite 700
Denver CO 80202
303-893-0102

13. Name & Signature: Betty Neibauer *Betty Neibauer* Title: Agent Date: 4-7-03

(This space for State use only)

RECEIVED
MAY 12 2003
DIV. OF OIL, GAS & MINING

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 04/16/2003 BIA n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 04/16/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 06/27/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/27/2003
- 3. Bond information entered in RBDMS on: n/a
- 4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT-0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No.

Unit:

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COUNTY LINE FED 1-35	35	080S	170E	4304731380	1461	Federal	OW	P
COUNTY LINE FED 2-35	35	080S	170E	4304731403	1462	Federal	OW	S
NGC ST 33-32	32	080S	180E	4304731116	6210	State	OW	P
GULF STATE 36-13	36	080S	180E	4304731345	45	State	OW	P
GULF STATE 36-11	36	080S	180E	4304731350	40	State	OW	P
FEDERAL 6-13-9-16	13	090S	160E	4301332657		Federal	OW	APD K
FEDERAL 5-13-9-16	13	090S	160E	4301332658		Federal	OW	APD K
FEDERAL 2-13-9-16	13	090S	160E	4301332659		Federal	OW	APD K
FEDERAL 1-13-9-16	13	090S	160E	4301332660		Federal	OW	APD K
FEDERAL 7-14R-9-17	14	090S	170E	4304731129	6165	Federal	NA	PA K
FEDERAL 8-3-9-18	03	090S	180E	4304731127	570	Federal	OW	P
FEDERAL 14-4-9-18	04	090S	180E	4304731181	10971	Federal	OW	P
FEDERAL 6-7-9-18	07	090S	180E	4304731126	10969	Federal	OW	P
FEDERAL 15-7-9-18	07	090S	180E	4304731202	564	Federal	OW	S
FEDERAL 7-8-9-18	08	090S	180E	4304731274	554	Federal	OW	P
FEDERAL 6-10-9-18	10	090S	180E	4304731214	10973	Federal	OW	S
FEDERAL 12-11-9-18	11	090S	180E	4304731029	10970	Federal	OW	S
FEDERAL 7-13-9-18	13	090S	180E	4304731277	10276	Federal	OW	S
FEDERAL 4-18-9-18	18	090S	180E	4304731142	10969	Federal	OW	P
FEDERAL 32-29	29	090S	180E	4304731175	6170	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

Entity Form 6
 "C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4304734937	FEDERAL 14-6-9-18	06	090S	180E	14064 to 14844	9/20/2005
4304735183	FEDERAL 9-6-9-18	06	090S	180E	14153 to 14844	9/20/2005
4304735184	FEDERAL 11-6-9-18	06	090S	180E	14127 to 14844	9/20/2005
4304735185	FEDERAL 15-6-9-18	06	090S	180E	14120 to 14844	9/20/2005
4304735751	FEDERAL 16-6-9-18	06	090S	180E	14623 to 14844	9/20/2005
4304735752	FEDERAL 12-6-9-18	06	090S	180E	14649 to 14844	9/20/2005
4304735753	FEDERAL 10-6-9-18	06	090S	180E	14622 to 14844	9/20/2005
4304731126	FEDERAL 6-7-9-18	07	090S	180E	14599 to 14844	9/20/2005
4304731202	FEDERAL 15-7-9-18	07	090S	180E	564 to 14844	9/20/2005
4304735448	FEDERAL 3-7-9-18	07	090S	180E	14661 to 14844	9/20/2005
4304735449	FEDERAL 5-7-9-18	07	090S	180E	14662 to 14844	9/20/2005
4304735451	FEDERAL 11-7-9-18	07	090S	180E	14768 to 14844	9/20/2005
4304735452	FEDERAL 13-7-9-18	07	090S	180E	14755 to 14844	9/20/2005
4304735454	FEDERAL 14-7-9-18	07	090S	180E	14767 to 14844	9/20/2005
4304735503	FEDERAL 12-7-9-18	07	090S	180E	14663 to 14844	9/20/2005
4304731274	FEDERAL 7-8-9-18	08	090S	180E	554 to 14844	9/20/2005
4304731545	FEDERAL 4-8-9-18	08	090S	180E	10275 to 14844	9/20/2005
4304731546	FEDERAL 12-8-9-18	08	090S	180E	10975 to 14844	9/20/2005
4304731547	FEDERAL 15-8-9-18	08	090S	180E	10972 to 14844	9/20/2005
4304735811	STATE 1-16-9-18	16	090S	180E	14390 to 14844	9/20/2005
4304735813	STATE 3-16-9-18	16	090S	180E	14565 to 14844	9/20/2005
4304735819	STATE 9-16-9-18	16	090S	180E	14566 to 14844	9/20/2005
4304735822	STATE 11-16-9-18	16	090S	180E	14577 to 14844	9/20/2005
4304731142	FEDERAL 4-18-9-18	18	090S	180E	14600 to 14844	9/20/2005



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

June 30, 2005

Newfield Production Company
Attn: Kelly L. Donohoue
1401 Seventeenth Street, Suite 1000
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED

JUL 0 / 2005

DIV. OF OIL, GAS & MINING

*Docket No
2005-009*

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure
MMS - Data Management Division (Attn: James Sykes)
Trust Lands Administration
Division of Oil, Gas and Mining
Field Manager - Vernal w/enclosure
File - Sundance (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron
Central Files

UT922:TAThompson:tt:06/30/2005

COPY

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

NOTICE OF INCIDENTS OF NONCOMPLIANCE

Certified Mail - Return Receipt Requested
70042510000523602164

Hand Delivered Received by

Identification
IID
Lease UTU16540
CA
Unit UTU82472X
PA

Bureau of Land Management Office VERNAL FIELD OFFICE				Operator NEWFIELD EXPLORATION COMPANY			
Address 170 SOUTH 500 EAST VERNAL UT 84078				Address ROUTE 3 BOX 3630 MYTON UT 84052			
Telephone 435-781-4495				Attention BRAD MECHAM			
Inspector CAROL SCOTT 43.047.31202				Attn Addr ROUTE 3 BOX 3630 MYTON UT 84052			
Site Name FEDERAL	Well or Facility 15-7-9-18	1/4 1/4 Section SWSE 7	Township 9S	Range 18E	Meridian SLB	County UINTAH	State UT
Site Name	Well or Facility	1/4 1/4 Section	Township	Range	Meridian	County	State

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE

Date	Time (24 - hour clock)	Violation	Gravity of Violation
03/14/2007	10:00	43CFR3162.1(a);43CFR3162.3-4(c)	MINOR
Corrective Action To Be Completed By	Date Corrected	Assessment for Noncompliance	Assessment Reference
07/30/2007			43 CFR 3163.1()

Remarks

No well may be temporarily abandoned for more than 30 days without the prior approval of the AO. Please correct this INC by doing one of the following: 1. return well to production, 2. submit sundry notice requesting approval to permanently plug and abandon well, 3 submit sundry notice requesting approval to temporarily abandon well.

**RECEIVED
JUL 10 2007**

DIV. OF OIL, GAS & MINING

When violation is corrected, sign this notice and return to above address.

Company Representative Title District Manager Signature [Signature] Date 7-2-07

Company Comments _____

WARNING

Incidents of Noncompliance correction and reporting timeframes begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By" you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits, false, inaccurate, or misleading reports, notices, affidavits, record, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of receipt of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Lands Appeals, 801 North Quincy Street, Suite 300, Arlington VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer [Signature] Date 053007 Time 1515

FOR OFFICE USE ONLY

Number 53	Date	Assessment	Penalty	Termination
Type of Inspection PI				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-16540
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or SUNDANCE UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FSL 1980 FEL SWSE Section 7 T9S R18E		8. Well Name and No. FEDERAL 15-7-9-18
		9. API Well No. 4304731202
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State UTAH, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	INC _____
	<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 recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The following is in reference to an incident of noncompliance dated 5/30/07. Newfield intends to convert the subject well from a producer to an injector. A permit has been submitted to the EPA and is in the approval process.

Newfield requests that the well is place in TA status. Upon EPA approval of the permit, the well will be placed on the conversion schedule.

RECEIVED
JUL 10 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mike Guinn	Title District Manager
Signature 	Date 07/06/2007

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

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

(Instructions on reverse)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

APR 02 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Eric Sundberg
Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

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

Re: Final Permit
EPA UIC Permit UT21170-08011
Federal 15-7-9-18
SW SE Sec. 7-T9S-R18E
Uintah County, Utah
API No.: 43-047-31202

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Federal 15-7-9-18 injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on **FEB 04 2009**. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at <http://www.epa.gov/safewater/uic/reportingforms.html>. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

RECEIVED

APR 13 2009



This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 312-6174.

FOR RECORD ONLY

Sincerely,



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

enclosure: Final UIC Permit
Statement of Basis

cc: Letter:
Uintah & Ouray Business Committee, Ute Indian Tribe:
Curtis Cesspooch, Chairman
Irene Cuch, Vice-Chairwoman
Frances Poowegup, Councilwoman
Ronald Groves, Councilman
Phillip Chimburas, Councilman
Steven Cesspooch, Councilman

Daniel Picard, Superintendent
Uintah & Ouray Indian Agency
U.S. Bureau of Indian Affairs

cc: all enclosures:

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah

Larry Love
Director
Energy & Minerals Dept.
Ute Indian Tribe

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Gilbert Hunt
Associate Director
State of Utah - Natural Resources

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





**UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT**

PREPARED: March 2009

Permit No. UT21170-08011

Class II Enhanced Oil Recovery Injection Well

**Federal 15-7-9-18
Uintah County, UT**

Issued To

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

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Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Federal 15-7-9-18
660' FSL & 1980' FEL., SWSE S7, T9S, R18E
Uintah County, UT

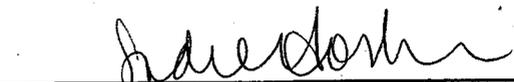
EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. (40 CFR §144.35) An EPA UIC Permit may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §§144.39, 144.40 and 144.41, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State Director.

Issue Date: **APR 02 2009**

Effective Date **APR 02 2009**



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

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
 - (i) on the injection tubing; and
 - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure (MAIP) specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of Authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or Authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

- (a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and
 - (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or
 - (ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;
- (c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement 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 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- (a) Provides written notice to the Director;
- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and
- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of any other Federal, State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this Permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. Duty to Mitigate.

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. Proper Operation and Maintenance.

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. Permit Actions.

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights.

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information.

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. Inspection and Entry.

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

- (a) **Planned changes.** The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) **Anticipated noncompliance.** The Permittee 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.
- (c) **Monitoring Reports.** Monitoring results shall be reported at the intervals specified in this Permit.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) **Twenty-four hour reporting.** The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
 - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
 - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website <http://www.nrc.uscg.mil/index.htm>.
- (g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.
- (h) Other information. Where the Permittee becomes aware that it 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 Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or

- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

See diagram.

The Federal No. 15-7-9-18 was drilled to a total depth of 6,000 feet (KB) feet in the Wasatch Formation. Plug back total depth (PBSD) is 6,000 feet.

Surface casing (8-5/8 inch) was set at a depth of 315 feet in a 12-1/4 inch hole using 225 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 6,000 feet (KB) in a 7-7/8 inch hole with 970 sacks of Class "G" and RFG. Top of cement by Cement Bond Log is 1,100 feet from surface. Schematic diagram cites cement returns to surface.

CBL analysis does not identify adequate 80% bond index cement bond within the Confining Zone. A successful Part II (External) Mechanical Integrity Test (MI) will demonstrate that well construction is adequate to protect USDWs. The Part II MI shall be run within a 180-day period following commencement of injection.

The schematic diagram shows enhanced recovery injection perforations in the Garden Gulch and Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,562 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,826 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

UT 21170-08011

Federal 15-7-9-18

(Formerly Belco #34-7)

Spud Date: 4/22/1982
Put on Production: 11/30/1982
GL: 5065' KB: 5075'

Initial Production: 165 BOPD,
50 MCFD, 0 BWPD

Proposed Injection
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 315'
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sxs Class "G" cement. Returns to surface.

Base USDWS < 465'

PRODUCTION CASING

CSG SIZE: 5-1/2" (Also reported as 4-1/2")
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6000'
HOLE SIZE: 7-7/8"
CEMENT DATA: 970 sxs cement. Returns to surface.
CEMENT TOP AT: 1100' per CBL.

TDC/CBL 1100'
Green River 1222'

TUBING

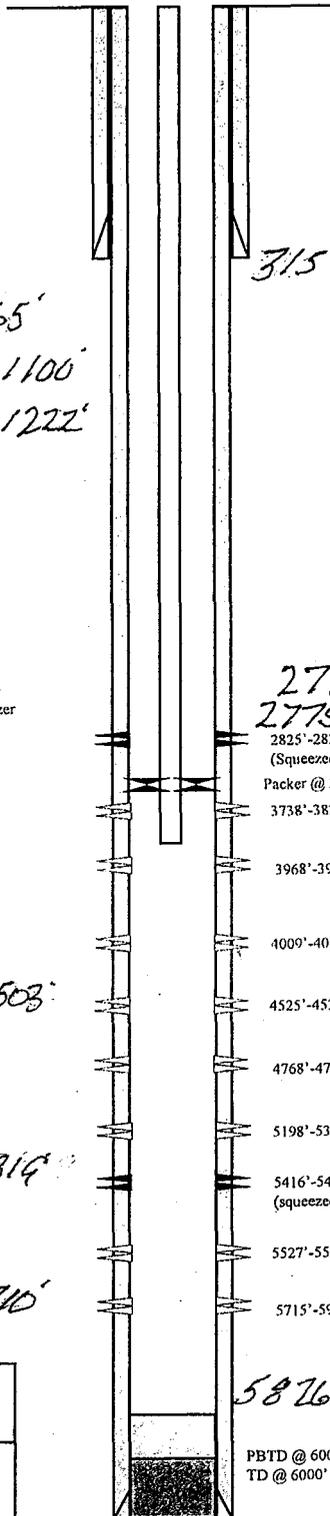
SIZE/GRADE/WT.: 2-7/8" / J-55
TUBING DETAILS: 47 jts tbg, stabilizer sub, 4' tbg sub, 1 jt + heater, stabilizer sub, 40 jts tbg, stabilizer sub, 4' tbg sub, 1 jt + heater, stabilizer sub, 103 jts tbg, 2 7/8" seat nipple, 1 jt mud anchor.
SEATING NIPPLE: 5790'
END OF TUBING: 5790'

80% Bond 5314' to Log TD

Douglas Creek 4503'

Cattle Peak 5303'-5319'

Basal Carbonate 5710'



FRAC JOB

5715'-5912'	Frac zone as follows: 91,000# 20/40 sand in 1976 bbls frac fluid.
5515'-5536'	Frac zone as follows: 101,000# 20/40 sand in 1078 bbls frac fluid.
5198'-5300'	Frac zone as follows: 123,200# 20/40 sand in 1556 bbls frac fluid.
4525'-4773'	Frac zone as follows: 65,000# 20/40 sand, screened out at 75%.
3968'-3982'	Frac zone as follows: 12,000# 20/40 sand + 24,000# 12/20 sand in 1316 bbls frac fluid.
3738'-3830'	Frac zone as follows: 35,000# 20/40 sand + 12,800 # 12/20 sand, screened out.
4/16/92	Install tubing heaters. Update tubing details.
8/19/92	Pump change. Update rod details.
11/12/05	Tubing sanded in. Update rod and tubing details

2732 Tirona
2775-2792 Mahogany Bench
3524-3562 Confire Zone
3562 Garden Gulch

PERFORATION RECORD

From Well information sheet:
2825'-2835'
3738'-3744'
3771'-3777'
3822'-3830'
3968'-3982'
3990'-4002'
4009'-4015'
4525'-4533'
4768'-4772'
5198'-5300'
5416'-5418'
5527'-5535'
5715'-5912'

PBTD @ 6000'
TD @ 6000'

NEWFIELD

Federal 15-7-9-18
(AKA Balco #34-7)

660' FSL & 1980' FEL
SW/SE Section 7-T9S-R18E
Uintah Co, Utah
API #43-047-31202; Lease #UTU-16540

APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.

Logs will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

NO LOGGING REQUIREMENTS

Tests.

Tests will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Federal 15-7-9-18	
TYPE OF TEST	DATE DUE
Pore Pressure	Prior to receiving authorization to inject.
Step Rate Test	Within the 180-day limited period of injection.
Radioactive Tracer Survey (2)	Within a 180-day limited period of injection and at least once within a five (5) year period following the last successful test.
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once within a five (5) year period following the last successful test.

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

WELL NAME	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
	ZONE 1 (Upper)
Federal 15-7-9-18	860

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: Federal 15-7-9-18	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
FORMATION NAME Green River: Garden Gulch & Douglas Creek Members	3,562.00	5,826.00	0.670

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

In addition to these items, additional Logging and Testing results may be required periodically. For a list of those items and their due dates, please refer to APPENDIX B - LOGGING AND TESTING REQUIREMENTS.

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

See diagram.

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

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,650 feet to 2,880 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 230-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,880 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,170 feet - 1,270 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1,170 feet to 1,270 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 515 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

Federal 15-7-9-18
(Formerly Balco #34-7)

Initial Production: 165 BOPD,
50 MCFD, 0 BWPD

Spud Date: 4/22/1982
Put on Production: 11/30/1982
GL: 5065' KB: 5075'

Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24# *Base USDLs*
LENGTH: 315' *< 465'*
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sxs Class "G" cement. Returns to surface.

Circulate 83 sx Class G Cement down 5 - 1/2" casing and up the 5-1/2" x 8-5/8' annulus

Casing Shoe @ 315'

Perforate 4 JSPIF @ 515'

PRODUCTION CASING

CSG SIZE: 5-1/2" (Also reported as 4-1/2")
GRADE: J-55
WEIGHT: 15.5# *Cement Plug 1170'-1270'*
LENGTH: 6000'
HOLE SIZE: 7-7/8"
CEMENT DATA: 970 sxs cement. Returns to surface.
CEMENT TOP AT: 1100' per CBI. *Cement Plug 2650'-2880'*

Cement Top @ 1100'

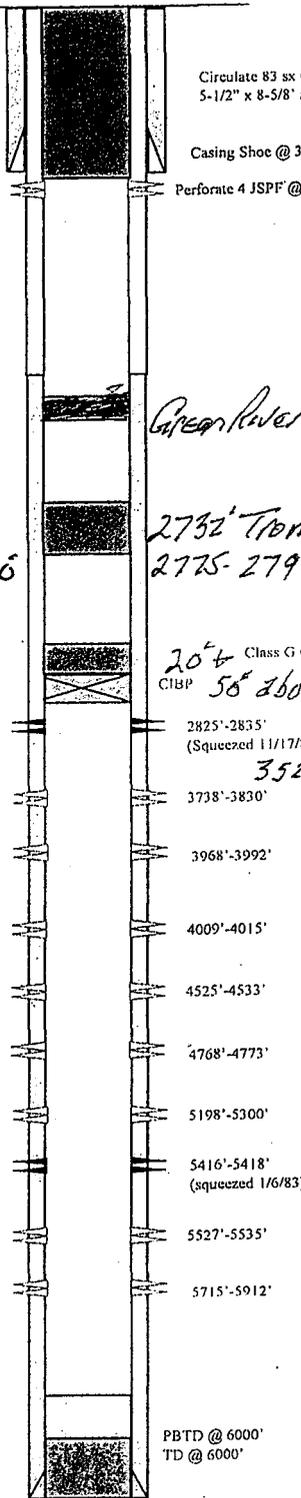
Green River 1222'

2732' Tonz
2775-2792' Methoxy Benz

20' Class G Cement plug on top of CIBP
CIBP 58' above top perforation

Grden Gulch 3562'

2825'-2835'
(Squeezed 11/17/83)
3524-3562 Confining Zone



PBTD @ 6000'
TD @ 6000'


<p>Federal 15-7-9-18 (AKA Balco #34-7)</p> <p>660' FSL & 1980' FEL</p> <p>SW/SE Section 7-T9S-R18E</p> <p>Uintah Co, Utah</p> <p>API #43-047-31202; Lease #UTU-16540</p>

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is deemed necessary for this project.

STATEMENT OF BASIS

**NEWFIELD PRODUCTION COMPANY
FEDERAL 15-7-9-18
UINTAH COUNTY, UT**

EPA PERMIT NO. UT21170-08011

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the construction and operation of injection wells so that the injection does not endanger underground sources of drinking water, governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

on

October 16, 2007

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Federal 15-7-9-18
660' FSL & 1980' FEL., SWSE S7, T9S, R18E
Uintah County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

The Federal No. 15-7-9-18 is currently an active Green River Formation Garden Gulch-Douglas Creek Members oil well. It is the initial intent of the applicant to use current production perforations for Class II enhanced recovery injection. The Federal No. 15-7-9-18 has total depth in the Wasatch Formation. There are no perforations in the Wasatch Formation.

NEW WELLS		
Well Name	Well Status	Date of Operation
Federal 15-7-9-18	New	N/A

PART II. Permit Considerations (40 CFR 146.24)

Hydrogeologic Setting

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uinta Formation, and the water generally contains approximately 500 to 1,500 mg/l and higher total dissolved solids.

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Renegade Tongue of the Wasatch Formation, and the Douglas Creek Member of the Green River Formation. The Renegade Tongue of the Wasatch Formation and the Douglas Creek Member of the Green River Formation contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water-yielding units in the Uinta-Animas aquifer in the Uinta Basin commonly are separated from each other and from the underlying Mesaverde aquifer by units of low permeability composed of claystone, shale, marlstone, or limestone. In the Uinta Basin, for example, the part of the aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 feet at the southern margin of the aquifer to as much as 9,000 feet in the north-central part of the aquifer. Ground-water recharge to the Uinta-Animas aquifer generally occurs in the areas of higher altitude along the margins of the basin. Ground water is discharged mainly to streams, springs, and by transpiration from vegetation growing along stream valleys. The rate of ground-water withdrawal is small, and natural discharge is approximately equal to recharge. Recharge occurs near the southern margin of the aquifer, and discharge occurs near the White and Green Rivers (from USGS publication HA 730-C). Water samples from Mesaverde sands in the nearby Natural Buttes Unit yielded highly saline water.

Geologic Setting (TABLE 2.1)

The proposed enhanced oil recovery injection well is located in the Greater Monument Butte Field, T7-9S and R15-19E, which lies near the center of the broad, gently northward dipping south flank of the Uinta Basin. More than 450 million barrels of oil (63 MT) have been produced from sediments of the Uinta Basin. The Uinta Basin is a topographic and structural trough encompassing an area of more than 9300 square mi (14,900 km) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin was formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by the ancestral Lake Uinta. The lacustrine, or fresh water lake-formed, sediments deposited in and around Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very broad and flat, resulting in large cyclic shifts of the location of the shoreline during the many repeated transgressive and regressive cycles caused by the climatic and tectonic-induced rise and fall of water levels of the lake. Distributary-mouth bars, distributary channels, and near-shore bars are the primary oil producing sandstone reservoirs in the area. (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report, 4/1/99-9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE-AC26-98BC15103).

The Duchesne River Formation is absent in this area. Shale and siltstone of the Uintah Formation outcrop and compose the surface rock throughout the area. The lower 600 feet to 800 feet of the Uinta Formation, consisting generally of shale interbedded with occasionally water-bearing sandstone lenses between 5 feet to 20 feet thick, is underlain by the Green River Formation. The

Green River Formation is further subdivided into several Member and local marker units. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked, intertonguing deltaic and near-shore sand and silt deposits. Red alluvial shale and siltstone deposits that intertongue with the Green River sediments are of the Colton and Wasatch Formations. Under the Wasatch Formation is the Mesaverde Formation, which consists primarily of continental-origin deposits of interbedded shale, sandstone, and coal.

The geologic dip is about 200 feet per mile, and there are no known surface faults in this area. Veins of gilsonite, a natural resinous hydrocarbon occasionally mined as a resource, occurs in the greater Uintah Basin though it is predominantly found on the eastern margin of the basin near the Colorado border. Vertical veins, generally between 2 ft to 6 ft wide but up to 28 ft wide, may extend many miles in length and occasionally extend as deep as 2,000 ft. In this area within the Greater Monument Butte Field there is one known gilsonite vein. This vein is not considered to present a pathway for migration of fluid out of the injection zone because it terminates at depth of about 2,000 ft, far above the protective confining layer and much deeper injection zone. Newfield and the owner of this former gilsonite mine have agreed to conditions for operation near this vein to ensure no potential for impact to this vein or to ground water from enhanced oil recovery operations.

**TABLE 2.1
GEOLOGIC SETTING
Federal 15-7-9-18**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta	0	465	< 10,000	Sand and shale.
Uinta	465	1,222		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River	1,222	3,562		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Trona	2,732	2,775		Evaporite
Green River: Mahogany Bench	2,775	2,792		Oil shale/carbonate.
Green River: Garden Gulch Member	3,526	4,503	32,355	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Douglas Creek Member	4,503	5,710	32,355	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Basal Carbonate Member	5,710	5,826		Carbonate

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The EPA approved interval for Class II enhanced recovery injection in Federal No. 15-7-9-18 is located between 3,562 feet and the top of the Wasatch Formation (5,826 feet).

**TABLE 2.2
INJECTION ZONES
Federal 15-7-9-18**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River: Garden Gulch & Douglas Creek Members	3,562	5,826	32,355	0.670		N/A

* **C - Currently Exempted**
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The 38-foot (3,524 feet - 3,562 feet) shale Confining Zone directly overlies the top of the Garden Gulch Member.

**TABLE 2.3
CONFINING ZONES
Federal 15-7-9-18**

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Shale	3,524	3,562

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

Throughout the Greater Monument Butte Field area undergoing enhanced oil recovery operations, water analyses of the Green River Formation generally exhibit total dissolved solids (TDS) content well in excess of 10,000 mg/l. However, some recent water analyses from the field showed lower TDS values closer to 10,000 mg/l. While rain and surface water recharge into Green River Formation outcrops further south along the Book Cliffs/Roan Cliffs in effect "freshens" the Green River Formation water near those outcrops, in this area of the Monument Butte Field the observed occasional 'freshening' is ascribed to the effective dilution of the originally in-place high TDS water from injection of relatively fresh water for enhanced oil recovery operations. Water samples from deeper Mesaverde Formation sands in the nearby Natural Buttes Unit yield highly saline water.

The State of Utah "Water Wells and Springs" identifies no public water supply wells within the one-

quarter (1/4) mile Area-of-Review (AOR) around the Federal No. 15-7-9-18.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation approximately 465 feet from the surface. Absent definitive information relative to the water quality of the Uinta Formation, from the depth of 465 feet to the base of the Uinta Formation (1,222 feet), the EPA will require, during plugging and abandonment, a cement plug at the base of the Uinta Formation to protect contamination of possible Uinta USDWs.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
Federal 15-7-9-18

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta	Sand and shale	0	465	< 10,000
Uinta	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale	465	1,222	

PART III. Well Construction (40 CFR 146.22)

The Federal No. 15-7-9-18 was drilled to a total depth of 6000 feet (KB) feet in the Wasatch Formation. Plug back total depth (PBSD) is 6,000 feet.

Surface casing (8-5/8 inch) was set at a depth of 315 feet in a 12-1/4 inch hole using 225 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 6,000 feet (KB) in a 7-7/8 inch hole with 970 sacks of Class "G" and RFG. Top of cement by Cement Bond Log is 1,100 feet from surface. Schematic diagram cites cement returns to surface.

CBL analysis does not identify adequate 80% bond index cement bond within the Confining Zone. A successful Part II (External) Mechanical Integrity Test (MI) will demonstrate that well construction is adequate to protect USDWs. The Part II MI shall be run within a 180-day period following commencement of injection.

The schematic diagram shows enhanced recovery injection perforations in the Garden Gulch and Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,562 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,826 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Federal 15-7-9-18

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	7.88	5.50	0 - 6,000	1,100 - 6,000
Surface	12.25	8.63	0 - 315	0 - 315

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The well construction plan was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction details for this "new" injection well is shown in TABLE 3.1.

Remedial cementing may be required if the casing cement is shown to be inadequate by cement bond log or other demonstration of Part II (External) mechanical integrity.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

The tubing/casing annulus must be kept closed at all times so that it can be monitored as required under conditions of the Permit.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

**TABLE 4.1
AOR AND CORRECTIVE ACTION**

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
Federal 10-7-9-18	Producer	No	5,885	62	No
Federal 14-7-9-18	Producer	No	5,800	0	No
Federal 16-7-9-18	Other	Yes	5,950	0	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES
Federal 15-7-9-18

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River: Garden Gulch & Douglas Creek Members	3,738	0.670	860

Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes, and vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

The proposed injectate will be a blend of culinary water from the Johnson Water District reservoir and/or Green River pipeline, and produced Green River Formation water from wells proximate to the Federal No. 15-7-9-18.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit.

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)

fg = fracture gradient (from submitted data or tests)

sg = specific gravity (of injected fluid)

d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There will be no restrictions on the cumulative volume or daily volume of authorized Class II fluid to be injected into the approved Green River Formation interval. The permittee will not exceed the maximum authorized surface injection pressure.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Well construction and site-specific conditions dictate the following requirements for Mechanical Integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing or packer. Part I MI may be demonstrated by a standard tubing-casing annulus pressure test using the maximum permitted injection pressure or 1000 psi, whichever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: The CBL indicates that cement does not meet minimum requirements needed to demonstrate zone isolation (at least 18 feet of continuous 80% bond, or better) through the Confining Zone. Therefore, further testing for Part II MI will be required prior to injection and at least once every five years thereafter. The demonstration shall be by Temperature Survey or other approved test. Approved tests for demonstrating Part II MI include a Temperature Survey, Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, annulus pressure, monthly injection flow rate and cumulative fluid volume. This information is required to be reported annually as part of the Annual Report to the

Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

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

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,650 feet to 2,880 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 230-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,880 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,170 feet - 1,270 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1170 feet to 1270 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 515 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

Plugging and Abandonment Plan

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with any applicable Federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement 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 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

Demonstration of Financial Responsibility in the amount of \$59,344 has been provided.

The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of costs for plugging and abandoning the well according to the approved Plugging and Abandonment Plan

Financial Statement, received May 16, 2008

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

GMBU

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

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

FEDERAL 15-7-9-18

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4304731202

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: 660 FSL 1980 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 7, T9S, R18E

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: 01/22/2010	<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.

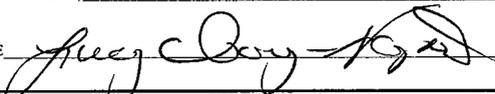
The subject well has been converted from a producing oil well to an injection well on 01/22/10. One new interval was added, 3687'-3688' 3JSPF. 1/19/2010 pump 58 bbls Anguard down csg to prepare for MIT. On 09/01/09 Sarah Barnham with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 09/03/09. On 01/22/10 the casing was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21170-08011 API# 43-047-31202

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/29/2010

(This space for State use only)

RECEIVED

FEB 01 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 15-7-9-18

7/1/2009 To 11/30/2009

9/8/2009 Day: 1

Conversion

NC #1 on 9/8/2009 - H/Oil Tbg, POOH & L/D Rod Prod String. N/U BOP, R/U Pwr Swvl, Try To Work Tbg Free. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1, 3 Mile Rig Move. BMW H/Oiler pmp 40 BW D/Tbg @ 250° 800 Psi. POOH & L/D On Float W/-1 1/4X30' Polish Rod, 7/8x4' Pony Rod, 99-7/8 Guided Rods, 142-3/4 Slick Rods (Returned To Yard). N/D W/-HD, N/U BOP, R/U Flr, R/U Pwr Swvl, Put 7 Rounds Torq In Tbg, Work Tbg From 20,000 Lbs To 70,000 Lbs W/-Torq In Tbg, Tbg Would Not Come Free. R/D Flr, N/D BOP, N/U Hydrill BOP, R/U Flr, SWI, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$7,168

9/9/2009 Day: 2

Conversion

NC #1 on 9/9/2009 - Free Point & Cut Tbg Off, BMW H/Oiler pmp 70 BW D/Csg, POOH W/-47 Jts Tbg, 2 7/8X4' Sub, Heater Assembly, 40 Jts Tbg, 2 7/8X4' Sub, Heater Assembly, 57 Jts Tbg, + 2.29' Of Cut Jt. N/D Hydrill, N/U Shafer BOP, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U Perforators Wire Line To Free Point Tbg, 100% Free @ 4500', RIH W/-Wire Line Cutter, Cut Tbg Off @ 4505', POOH & R/D Wire Line. R/U BMW H/Oiler pmp 70 BW D/Csg. R/U Cable Spool Mechine, POOH W/-47 Jts Tbg & Cable 2 7/8X4' Sub, Heater Assembly, 40 Jts Tbg W/-Cable, 2 7/8X4' Sub, Heater Assembly, R/D Hughs Centerlift Spool Mechine, POOH W/-57 Jts Tbg, + 2.29' Of Cut Off Jt Tbg. R/D Flr, N/D Hydrill BOP, N/U Shafer BOP, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$19,425

9/10/2009 Day: 3

Conversion

NC #1 on 9/10/2009 - RIH W/-Wash Tools, Wash Ovr Fish Top, Tag Scale @ 4510', R/U Swvl & Drill Out To 4550' Fell Free, Swvl In Hole W/-Tbg, Tag Solid @ 4642', Curc Well Clean, POOH W/- Jts Tbg, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, P/U & RIH W/- Wash Shoe 3 Jts Wash Pipe, 2 X-Overs, Jar, X-Ovr, 6-3 1/8 Drill Collars, X-Ovr, Intencifire, X-Ovr, 2 7/8X6' Sub, 137 Jts Tbg, To Fish Top @ 4505', R/U R/pmp, R/U 4 Star Pwr Swvl, Swvl In Hole To Scale @ 4510', Drill Out Scale To Depth Of 4550' & Fell Free, Swvl In Hole To Depth Of 4642' Tag Up Solid, Curc Well Clean. R/D Swvl, POOH W/-51 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$108,276

9/11/2009 Day: 4

Conversion

NC #1 on 9/11/2009 - POOH W/-Tbg & Wash Tools, RIH W/-Fish Tools Latch On Fish, Pull 15,000 Ovr String Wt, Grapple Sliped Off & Would Not Latch Back On, POOH W/-Fish Tools & Found Cut Lip On Ovrshot Scared & Grapple Broken. RIH W/-4 11/16" Ovrshot & Fish Tools, 76 Jts Tbg, SWI, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-91 Jts Tbg, 2 7/8X6' Sub, L/D Wash Tools, P/U & RIH W/-3 9/16" Ovrshot, Bmper Sub, Jar, 6-3/18 Drill Collars, Intencefire, 142 Jts Tbg To Fish Top, Latch On Fish, Pull 15,000 Ovr String Wt, Grapple Sliped

Off & Would Not Latch Back On. POOH W/-Tbg & Fish Tools, Found Scars On Cut Lip Of Ovrshot & Found Grapple Broken. P/U & RIH W/-4 11/16" Ovrshot, Ext, Bmper, Sub, Jar, 6- 3 1/8" Drill Collars, Intencefire, 2 7/8X6' Sub, 76 Jts Tbg, SWI, 6:30PM, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$119,700

9/14/2009 Day: 5

Conversion

NC #1 on 9/14/2009 - Continue RIH W/-Tbg, Latch On Fish, POOH W/-Tbg, Fish Tools & Fish, POOH W/-Remainder Of Tbg. RIH W/Bit & Scraper To Fill @ 5983', POOH W/-121 Jts Tbg, Breaking & Doping All Tool Jts W/-Liquid O-Ring. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-66 Jts Tbg To Fish Top, Latch On Fish, POOH W/-142 Jts Tbg, L/D Fish Tools & Fish. POOH W/-45 Jts Tbg, Mud Anchor Jt Tbg. P/U & RIH W/-4 3/4" Bit, 5 1/2 Csg Scrper, 148 Jts Tbg, EOB @ 4547', BMW H/Oiler pmp 2 Drums Acid & Flush Tbg W/-26 BW. RIH W/-47 Jts Tbg To Fill @ 5983'. POOH & L/D 7 Jts New Tbg, POOH W/-60 Jts Tbg In Derrick Breaking & Redoping All Tool Jts W/-Liquid O-Ring, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$131,735

9/15/2009 Day: 6

Conversion

NC #1 on 9/15/2009 - POOH W/-Remainder Of Tbg Doping Tool Jts,L/D Ext Tbg On Float P/U & RIH W/-Pkr S/N,119 Jts Tbg,2 7/8X10 Tbg Sub,1 Jt Tbg,Drop Std Vlve,P/Test Tbg To 3,000 Psi,Leak28 Psi Per Min.Fish Std Vlve,Drop New Std Vlve,P/Test Tbg To 3,000 Psi,Leaked 47 Psi PerMin. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-61 Jts Tbg Breaking & Redoping All Tool Jts W/-Liq O-Ring. L/D Total Of 71 Jts Tbg On Float, Scrper & Bit. BMW H/Oiler Flush Tbg W/-20 BW @ 250° Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 119- Jts 2 7/8 Tbg, 2 7/8X10' Tbg Sub, 1 Jt Tbg, BMW H/Oiler Flush Tbg W/-22 BW, Drop Std Vlve D/Tbg, pmp Std Vlve To S/N, P/Test Tbg To 3,000 Psi, Had 28 Psi Per Min Leak, Lost 830 Psi In 30 Min. R/U S/Line Ovrshot RIH & Fish Std Vlve. Drop New Std Vlve D/Tbg, R/U H/Oiler & pmp Std Vlve To S/N. P/Test Tbg To 3,000 Psi. Had 47 Psi Per Min Leak, Lost 1420 Psi In 30 Min, RIH W/-S/Line Ovrshot & Fish Std Vlve. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$141,282

9/16/2009 Day: 7

Conversion

NC #1 on 9/16/2009 - pmp 22 BW Pad,Drop New Std Vlve pmp To S/N,Test Tbg No Test. POOH W/-Tbg Changing Out Collars & Doping Tool Jts W/-Liq-O-Ring. RIH W/-Pkr, S/N & Tbg, Drop SV & P/Test Tbg,To 3,000 Psi Good Test SWI, c/sdfn. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U BMW H/Oiler pmp 22 BW D/Tbg To Clear Gas & Oil, Drop New Std Vlve D/Tbg & pmp To S/N, P/Test Tbg To 3,000 Psi, Bumped Pressure 2 Times, Leaked 660 Psi In 7 Min. RIH W/-S/Line Ovrshot & Fish Std Vlve. POOH W/-120 Jts Tbg Changing Out & Redoping All Tool Jts W/-Liq O-Ring, S/N & Pkr. RIH W/-5 1/2" Arrow #1 Pkr, S/N, 119-Jts Tbg, 2 7/8X10' Tbg Sub, 1 Jt Tbg, BMW H/Oiler pmp 22 BW D/Tbg, Drop Std Vlve & pmp To S/N, P/Test Tbg To 3,000 Psi, Bump Pressure Up 3 Times, Leaked 95 Psi Per Min. RIH W/-S/Line NO GO, Tag SV & Tap On SV, POOH W/-S/Line, R/U & P/Test Tbg To 3,000 Psi, Held Good 1 Hr, SWI, 6;30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$151,772

9/17/2009 Day: 8

Conversion

NC #1 on 9/17/2009 - Fish SV, N/D BOP, pmp 60 Bbl Pkr Flud, Set Pkr, P/Test Csg & Pkr To 1200 Psi, No Test Leaked, POOH To 2805' Reset Pkr & P/Test Csg To 1200 Psi, Took 2 Hrs For Psi To Stabilize & Held Good 1 Hr. SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U S/Line Ovrshot RIH & Fish Std Vlve. R/D Flr, N/D BOP & Larkin Adapter, N/U W/-HD, BMW H/Oiler pmp 60 Bbls Pkr Fluid D/Csg, Set Pkr In 18,000 Tension, @ 3699.12 KB C-E. N/U W/-HD. P/Test Csg & Pkr To 1200 Psi, Bump Psi 3 Times, Leak 110 Psi Per Min @ 1200 Psi No Test. N/D W/-HD, Rel Pkr, POOH W/-1 Jt Tbg, 10' Tbg Sub, 28 Jts Tbg, Reset Pkr @ 2805' Above Squeeze Perfs @ 2825'-2835', N/U W/-HD & P/Test Csg To 1200 Psi, Took 2 Hrs For Pressure To Stabilize & Held Good 1 Hr. SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$158,890

9/20/2009 Day: 9

Conversion

NC #1 on 9/20/2009 - Check Psi On Csg, Lost 240 Psi Ovr Night 15 Hrs, R/U BMW H/Oiler, Pressure Csg Up To 1270 Psi, Lost 5 Psi In 1 1/2 Hrs. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, W/-810 Psi On Csg, Csg Psi Dropped 280 Psi Over Night. R/U BMW H/Oiler Pressure Csg Up To 1200 Psi, Watch Pressure 1 1/2 Hrs, Pressure Dropped 5 Psi In 1 1/2 Hrs, Pressure Csg Up To 1250 Psi, 1:30PM C/SDFN, 1:30PM-2:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$162,978

9/21/2009 Day: 10

Conversion

NC #1 on 9/21/2009 - N/U BOP, Rel Pkr, POOH W/-Tbg S/N, Pkr. RIH W/-Plg & Pkr, Set Plg @ 1100', P/Test Csg, Larkin Bop Adpater Leaked, POOH & Cut Larkin Adpater Off, Weld Bell Nipple On N/U B1 Adpater & BOP, RIH W/-Pkr & Plg, Isolate Hole In Csg @ 2825' & 2861'. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-760 Psi On Csg, Leaked 510 Psi In 2 Days. N/D W/-HD, Rel Pkr, N/U BOP, R/U Flr, POOH W/-91 Jts Tbg S/N & Pkr. RIH W/-TS Plg, Arrow Set Pkr, S/N, 36 Jts Tbg, Set Plg @ 1100', R/U R/pmp & P/Test Csg To 1200 Psi, Note Larkin BOP Adapter Was Leaking & Would Not Titen & Quit Leaking. POOH W/-36 Jts Tbg, Pkr & Ret H/D. R/D Flr, N/D BOP, Fill Csg W/-Wtr. Welder Cut Larkin Well Head Off & Welded Bell Nipple On. N/U B1 Csg Adapter & BOP. R/U Flr, P/Test Csg To 1300 Psi, Leaked 20 Psi In 45 Min. RIH W/-Ret HD & Pkr To Plg @ 1100', Rel Plg, RIH & Reset Plg @ 3704', POOH & Set Pkr @ 2798', R/U R/pmp P/Test Squeeze Perfs @ 2825'-2835', To 1400 Psi, Leaked 300 Psi In 2 Min. Rel Pkr, RIH & Reset Pkr @ 2839', P/Test Csg To 1400 Psi, Leak 200 Psi Per Min, Rel Pkr, RIH W/-Tbg, Reset Pkr @ 2921', P/Test Csg To 1400 Psi, Held Good 15 Min. POOH Reset Pkr @ 2861', P/Test Csg To 1400 Psi, Held Good 15 Min. Leak Is Between 2825' & 2861'. Rel Pkr, RIH To Plg @ 3704' & Rel Plg, POOH W/-120 Jts Tbg, S/N, Pkr & Plg. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$174,094

9/22/2009 Day: 11

Conversion

NC #1 on 9/22/2009 - RIH W/-Pkr To 3710' EOP, Drop SV, P/Test Tbg To 3,000 Psi, Good Test. N/D BOP, N/U W/-HD. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-5 1/2" Arrow #1 Pkr, S/N, 119 Jts Tbg, 2 7/8X10' Tbg Sub, 1 Jt Tbg, R/U R/pmp, pmp 25 BW D/Tbg, Drop Std Vlve, pmp Std Vlve To S/N, R/U Prefured H/Oiler & P/Test Tbg To 3000 Psi, Held Good 1 Hr, Good Test. R/D Flr, N/D BOP, Add 6' Tbg Sub, EOP @ 3710', Land & N/U Well Head. SWI, 1:30PM C/SDFN, 1:30PM-2:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$178,958

9/23/2009 Day: 12

Conversion

NC #1 on 9/23/2009 - Halliburton pmp 15 Bbls Pkr Fluid & 45 Bbls Anguard D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD, Test Csg & Pkr To 1400 Psi w/-0 Bleed Off In 2 Hrs, R/D Rig. Good Test. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U Halliburton To Csg & pmp 15 Bbls Pkr Fluid, 45 Bbls Anguard D/Csg, N/D W/-HD, Set 5 1/2" Arrow #1 Pkr In 18,000 Tension, N/U W/-HD, P/Test Csg To 1400 Psi For 2 Hrs W/-0 Pressure Loss, Good Test. Rack Out Eq, R/D Rig. Move Out @ 2:00PM

Daily Cost: \$0

Cumulative Cost: \$199,093

Pertinent Files: Go to File List

Daily Activity Report

Format For Sundry

FEDERAL 15-7-9-18**11/1/2009 To 3/28/2010****1/15/2010 Day: 13****Conversion**

NC #2 on 1/15/2010 - Perf tbg. Attempt to circulate Anguard out of hole. - MIRU NC #2. RU The Perforators wireline truck. RIH w/ tbg. cutter. Cut tbg. off @ 3654'. RD wireline truck. RU pump to tbg. Circulate Anguard out of well. Circulate well clean. ND wellhead. NU BOP. POOH w/ tbg., laying tbg. down on trailer. SWIFN. - MIRU NC #2. RU The Perforators wireline truck. RIH w/ tbg. cutter. Cut tbg. off @ 3654'. RD wireline truck. RU pump to tbg. Circulate Anguard out of well. Circulate well clean. ND wellhead. NU BOP. POOH w/ tbg., laying tbg. down on trailer. SWIFN. - Thaw well w/ hotoiler. RU The Perforators wireline truck & Crane. RIH w/ perf gun. Perf tbg. w/ 3 holes @ 3687-88'. RD wireline truck. RU pump to tbg. Attempt to circulate Anguard out of well. Pressure tbg. to 3000 psi w/ no circulation. Drain pump & lines. SWIFN. - Thaw well w/ hotoiler. RU The Perforators wireline truck & Crane. RIH w/ perf gun. Perf tbg. w/ 3 holes @ 3687-88'. RD wireline truck. RU pump to tbg. Attempt to circulate Anguard out of well. Pressure tbg. to 3000 psi w/ no circulation. Drain pump & lines. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$201,978

1/18/2010 Day: 16**Conversion**

NC #2 on 1/18/2010 - TIH w/ tbg. Test csg above & below squeeze holes. Test tbg - Hot oiler steamed on BOPs. Open well, no pressure on csg. PU 117 jts of tbg from float. Circulated well clean w/ hot oiler. Latched onto tbg & packer w/ RBS overshot. Released packer. TOOH braking callors, inspecting pins, using liquid teflon pipe dope on 117 jts of tbg. Hot oiler pumped 20 BW down tbg @ 250°. Circulated well w/ 35 BW to cool down tbg. LD Arrow set packer. LD RBS overshot. SIFWE. - Open well. TIH w/ tbg breaking remaining 22 collars & applying liquid O-ring to threads. Make repairs to tbg tongs. TBG stacked out @ 250'. RU hot oiler to heat up wellbore (circulate out oil w/ 40 bw). Continue TIH w/ tbg to 2812'. Set pkr above squeeze perfs. Pressure csg up to 1400 psi & watch for 30 min. Good test. Cont TIH w/ remaining 28 jts tbg. Set pkr pressure up csg to 1400 psi. Watch for 10 min. Lost 100 psi. Noticed pipe rams were leaking. Release pkr. Drop standing valve. Pump standing valve to PSN w/ 22 bw. Pressure up tbg to 3000 psi. Watch for 30 min. No pressure lost. Good test. RIH w/ sandline to retrieve standing valve. Latch onto & unseat standing valve. POOH w/ standing valve. RD workflow. ND BOP. Set pkr. Pressure up csg to 1400 psi. Watch for 30 min. Lost 50 psi in 10 min, 70 psi in 20 min, & 90 psi in 30 min. SDFN - Open well. TIH w/ tbg breaking remaining 22 collars & applying liquid O-ring to threads. Make repairs to tbg tongs. TBG stacked out @ 250'. RU hot oiler to heat up wellbore (circulate out oil w/ 40 bw). Continue TIH w/ tbg to 2812'. Set pkr above squeeze perfs. Pressure csg up to 1400 psi & watch for 30 min. Good test. Cont TIH w/ remaining 28 jts tbg. Set pkr pressure up csg to 1400 psi. Watch for 10 min. Lost 100 psi. Noticed pipe rams were leaking. Release pkr. Drop standing valve. Pump standing valve to PSN w/ 22 bw. Pressure up tbg to 3000 psi. Watch for 30 min. No pressure lost. Good test. RIH w/ sandline to retrieve standing valve. Latch onto & unseat standing valve. POOH w/ standing valve. RD workflow. ND BOP. Set pkr. Pressure up csg to 1400 psi. Watch for 30 min. Lost 50 psi in 10 min, 70 psi in 20 min, & 90 psi in 30 min. SDFN - Hot oiler steamed on BOPs. Open well, no pressure on csg. PU 117 jts of tbg from float. Circulated well clean w/ hot oiler. Latched onto tbg & packer w/ RBS overshot. Released packer. TOOH braking callors, inspecting pins, using liquid teflon pipe dope on 117 jts of tbg. Hot oiler pumped 20 BW down tbg @ 250°. Circulated well w/ 35 BW to cool down tbg. LD Arrow set packer. LD RBS overshot. SIFWE.

Daily Cost: \$0

Cumulative Cost: \$245,878

1/19/2010 Day: 17

Conversion

NC #2 on 1/19/2010 - Pump Anguard. Test CSG. - Check csg pressure (800 psi). Open well. ND wellhead. Release pkr. RU Haliburton to pump Angaurd. Wait on Haliburton. Pump 58 bbls Anguard down csg. Set pkr. MU B-1 adapter flange. Land tbg on wellhead flange w/ 18000# tension. Pressure up csg to 1400 psi w/ 3 bbls. Watch csg pressure for 30 minutes w/ no pressure loss. Will check pressure in AM before RDSU. SDFN

Daily Cost: \$0

Cumulative Cost: \$278,868

1/20/2010 Day: 18

Conversion

NC #2 on 1/20/2010 - Check csg pressure. RDMOSU - Hot oiler had thawed wellhead. Check csg pressure, 1400 psi. No pressure lost. RDMOSU NC #2 READY FOR MIT!

Daily Cost: \$0

Cumulative Cost: \$279,166

1/22/2010 Day: 19

Conversion

NC #2 on 1/22/2010 - MIT on well - On9/1/2009 Sarah Barhman with the EPA was contacted concerning the initial MIT on the above listed well (Federal 15-7-9-18). Permission was given at that time to perform the test on 9/3/2009. On 1/22/2010 the csg was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report! EPA# UT21170-08011 API# 43-047-31202

Finalized

Daily Cost: \$0

Cumulative Cost: \$279,466

Pertinent Files: Go to File List

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: 1 / 22 / 2016
 Test conducted by: Dave Chase
 Others present: _____

Well Name: <u>Federal 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T <u>9</u> N <u>10</u> R <u>18</u> E/W	County: <u>Uintah</u>	State: <u>Utah</u>
Operator: <u>Newfield Production</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1160 psig	psig	psig
5 minutes	1160 psig	psig	psig
10 minutes	1160 psig	psig	psig
15 minutes	1160 psig	psig	psig
20 minutes	1160 psig	psig	psig
25 minutes	1160 psig	psig	psig
30 minutes	1160 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: _____

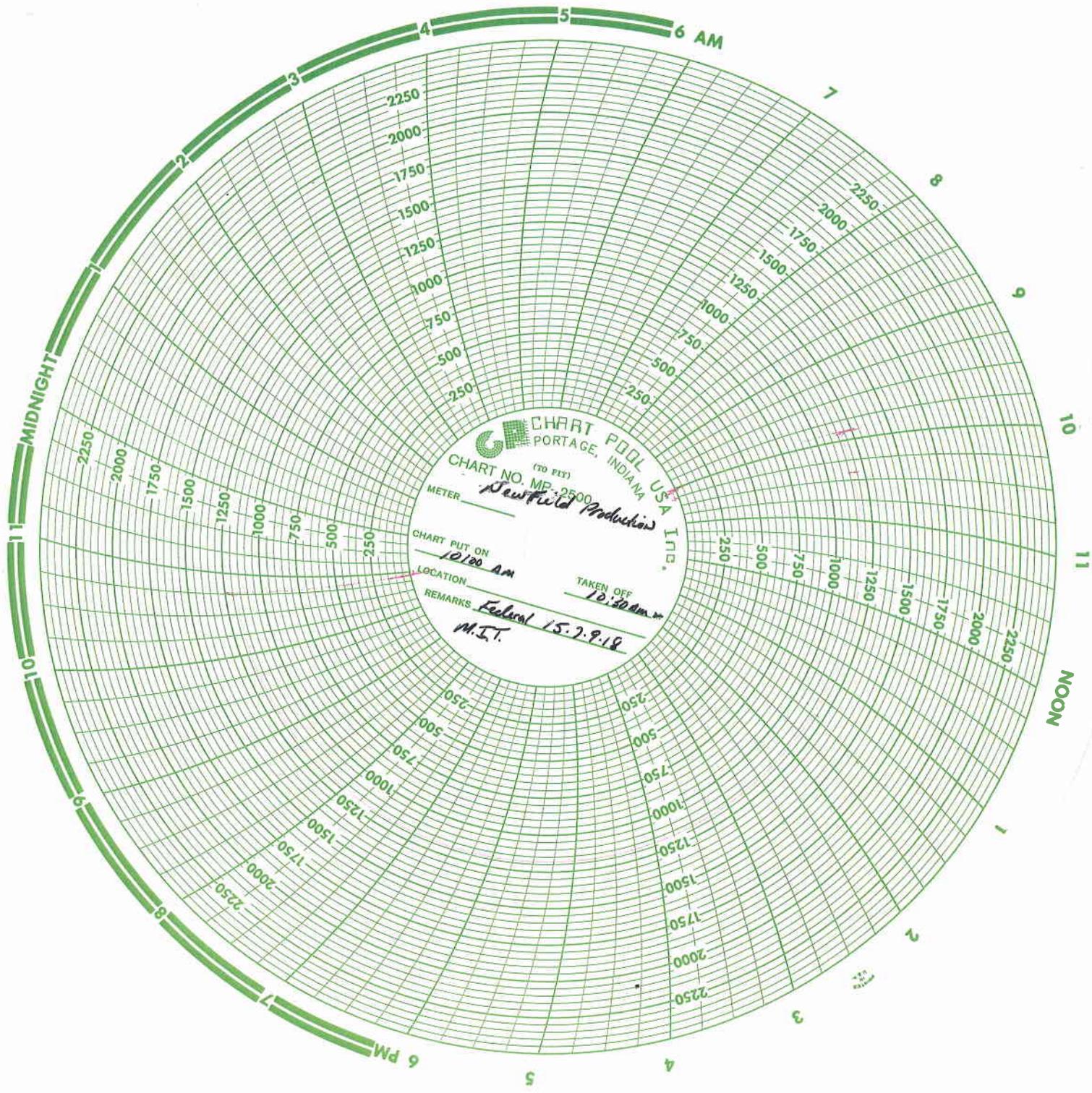


CHART POOL USA
PORTAGE, INDIANA
CHART NO. MP-2500
METER *Newfield Production*

CHART PUT ON *10:20 AM*
LOCATION
REMARKS *Federal 15.7.9.18*
M.I.T.

TAKEN OFF *10:30 AM*



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

MAR 18 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

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

RE: 180-Day Limited Authorization to Inject
UIC Permit UT21170-08011
Well: Federal 15-7-9-18
SWSE Sec. 7-T9S-R18E
Uintah County, UT
API No.: 43-047-31202

Dear Mr. Guinn:

The Newfield Production Company (Newfield) letter with attached information was received by the Environmental Protection Agency (EPA) on February 4, 2010. The submittal satisfactorily completed all Prior to Commencing Injection Requirements for Final Class II Underground Injection Control Permit UT21170-08011. The Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA on March 5, 2010.

As of the date of this letter, Newfield is authorized to commence injection into Federal 15-7-9-18 at a Maximum Allowable Injection Pressure (MAIP) of 860 psig for a limited period of 180 days.

Because the cement bond log for Federal 15-7-9-18 does not show a sufficient interval of 80% or greater cement bond index through the confining zone, a Radioactive Tracer Survey (RTS) is required to demonstrate no significant upward migration of injection fluids behind the casing from the injection zone. It is intended that the 180-day period will allow the injection zone pressure to elevate prior to conducting the RTS, which is necessary because it may be under pressured due to previous oil production and because this test relies on elevated formation fluid pressure.

RECEIVED

MAR 25 2010

DIV. OF OIL, GAS & MINING

If Newfield seeks a higher MAIP than 860 psig, it may be advantageous to run a Step Rate Test (SRT) prior to conducting the RTS. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during a SRT. Should Newfield apply for a MAIP increase at a later date, a RTS conducted at the higher MAIP will be required.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT21170-08011.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174. Results from the RTS should be mailed to Jason Deardorff at the letterhead address citing Mail Code: 8P-W-GW.

FOR RECORD ONLY

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 Production Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 15-7-9-18

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304731202

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FSL 1980 FEL COUNTY: UINTAH
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 7, T9S, R18E STATE: UT

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

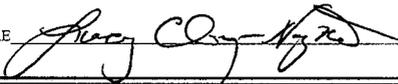
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>03/23/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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: - Put 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 2:00 PM on 03-23-2010.

EPA# UT21170-08011

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 03/23/2010

(This space for State use only)

RECEIVED
MAR 29 2010
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-16540
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone <i>(include are code)</i> 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well <i>(Footage, Sec., T., R., M., or Survey Description)</i> 660 FSL 1980 FEL SWSE Section 7 T9S R18E		8. Well Name and No. FEDERAL 15-7-9-18
		9. API Well No. 4304731202
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State UINTAH, UT

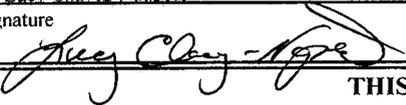
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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

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

The above reference well was put on injection at 2:00 PM on 03-23-2010.

EPA# UT21170-08011

I hereby certify that the foregoing is true and correct <i>(Printed/ Typed)</i> Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 03/23/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED

MAR 29 2010

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 15-7-9-18

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304731202

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FSL 1980 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 7, T9S, R18E

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: 08/23/2010	<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: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

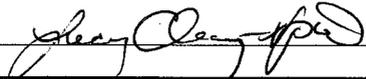
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on August 23, 2010. Results from the test indicate that the fracture gradient is .746 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 860 psi to 1145 psi.

EPA: UT21170-08011 API: 43-047-31202

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 08/31/2010

(This space for State use only)

RECEIVED
SEP 07 2010
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 08/24/2010

Operator: Newfield Production Company

Well: Federal 15-7-9-18

Permit #: UT21170-08011

Enter the following data :

	Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
	Depth to top perforation (D) =	<u>3738</u>	feet	3738
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =			feet	
Estimated Formation Parting Pressure (P _{fp}) from SRT chart =		<u>1145</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =		<u>1382</u>	psi	1145
Bottom Hole Parting Pressure (P _{bhp}) from downhole pressure recorder =			psi	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.746 psi/ft.

where: fg = P_{bhp} / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1382

D = depth used = 3738

P_{bhp} used = 2788

Calculated Bottom Hole Parting Pressure (P_{bhp}) = 2788 psi

2787.832

to calculate Bottom Hole Parting Pressure (P_{bhp}) = Formation Fracture Pressure (ISIP or P_{fp}) + (0.433 * SG * D)

(Uses lesser of ISIP or P_{fp}) Value used = 1145

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

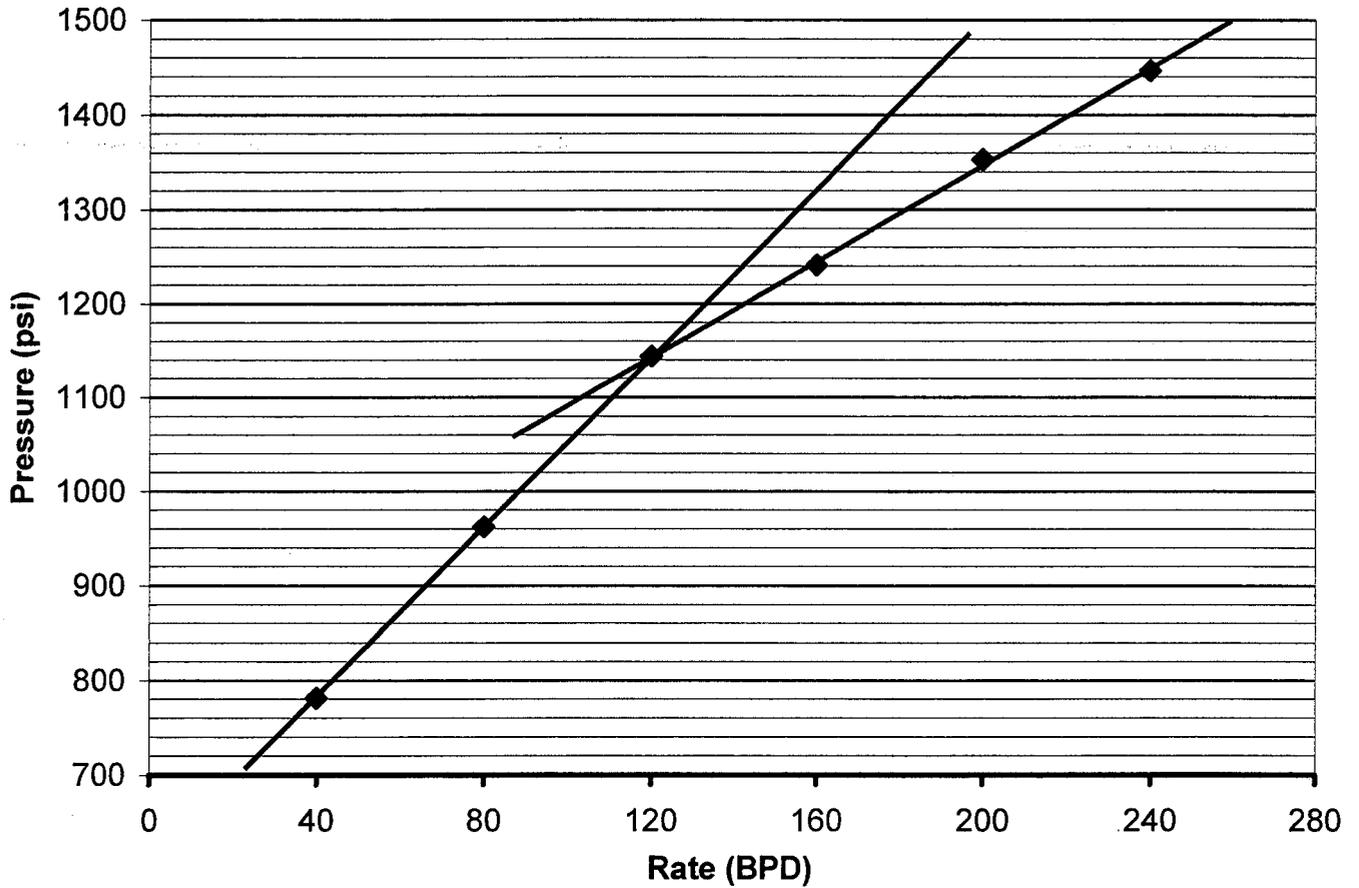
Maximum Allowable Injection Pressure (MAIP) = 1145 psi

D = depth used = 3738

MAIP = [(fg - (0.433 * SG)) * D] = 1145.716

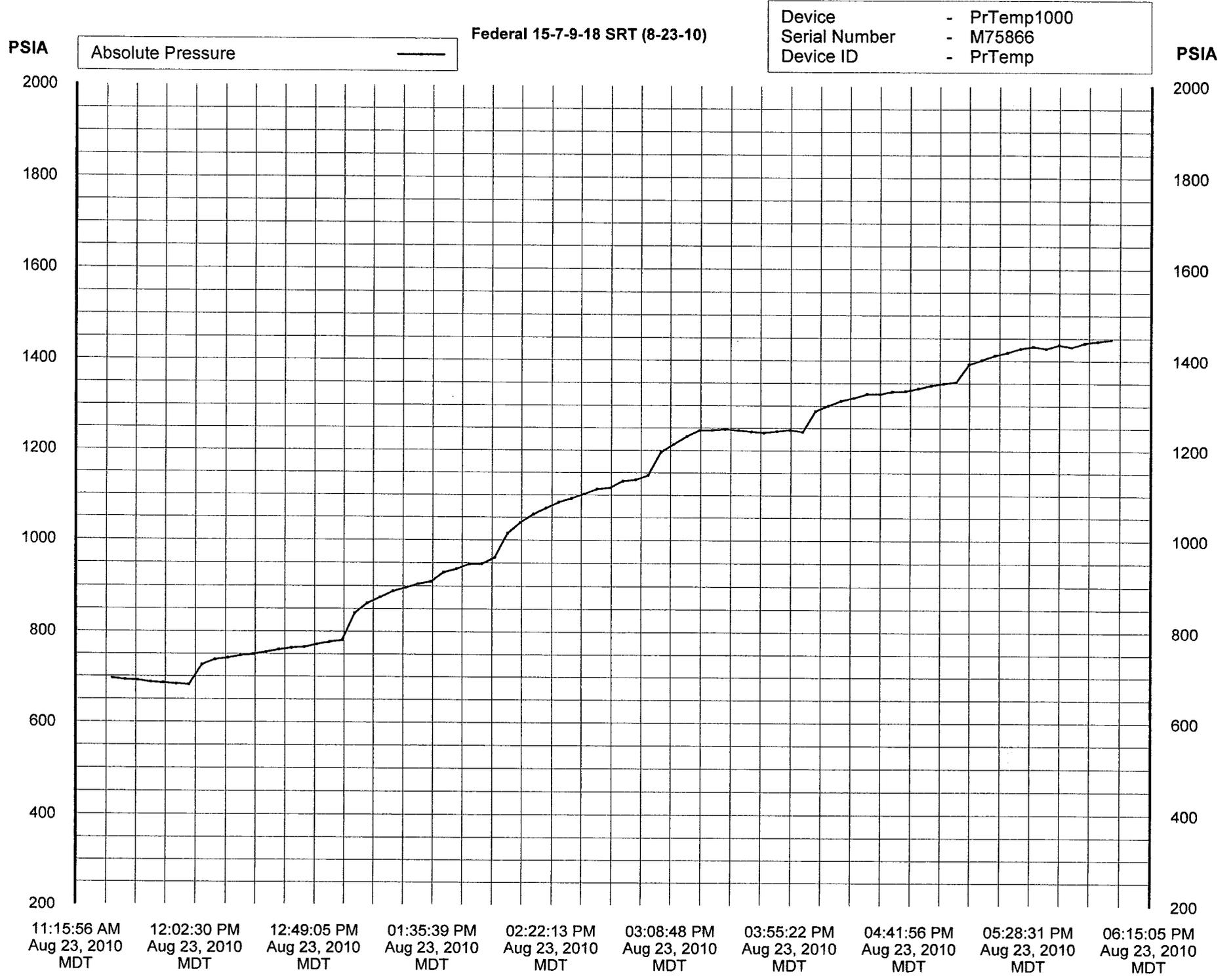
(rounded down to nearest 5 psig)

Federal 15-7-9-18
Greater Monument Butte Unit
Step Rate Test
August 23, 2010



Start Pressure: 682 psi
Instantaneous Shut In Pressure (ISIP): 1382 psi
Top Perforation: 3738 feet
Fracture pressure (Pfp): 1145 psi
FG: 0.746 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	40	781
2	80	962
3	120	1144
4	160	1241
5	200	1353
6	240	1447



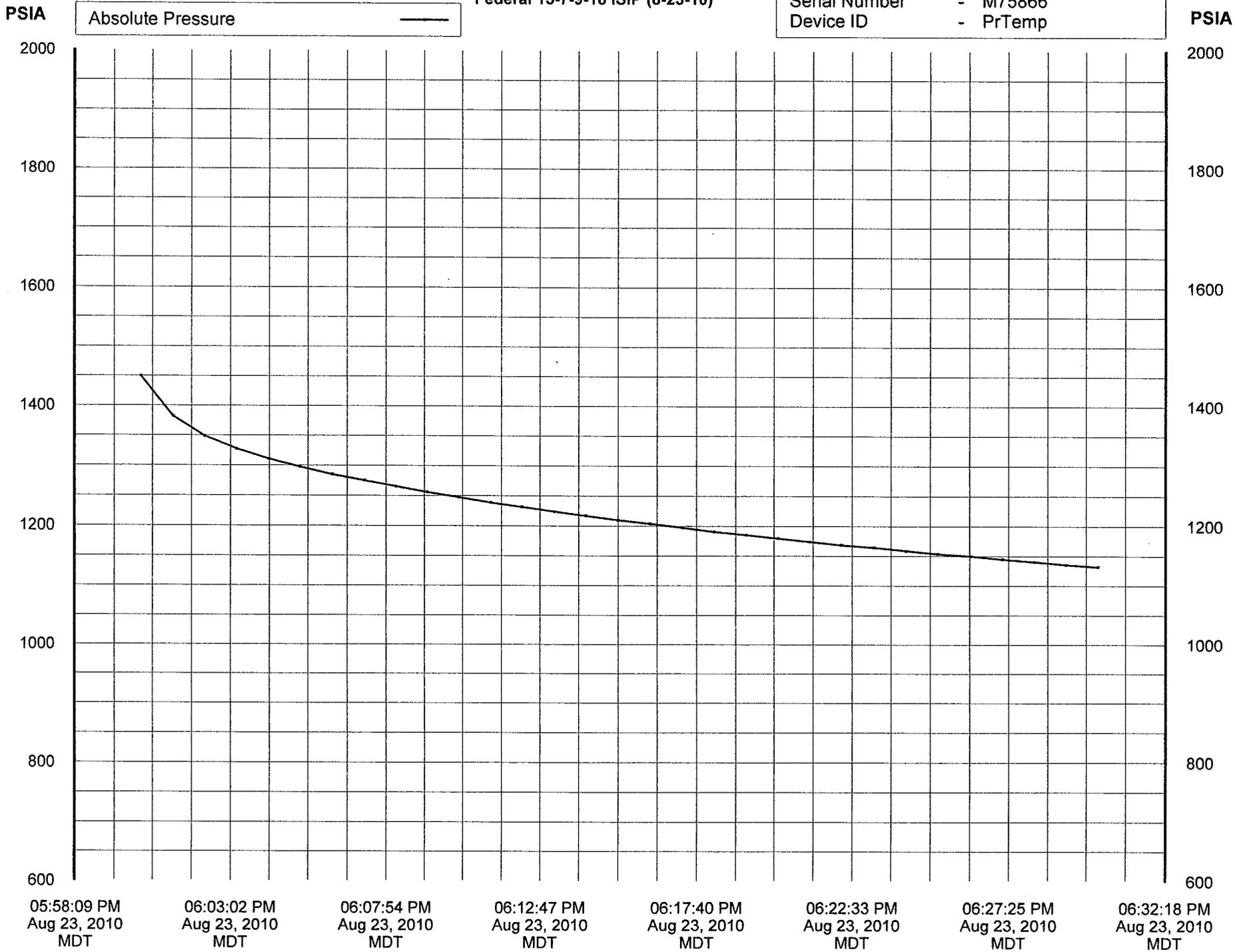
Report Name: PrTemp1000 Data Table
 Report Date: Aug 24, 2010 09:05:43 AM MDT
 File Name: C:\Program Files\PTC\Instruments 2.00\Federal 15-7-9-18 SRT (8-23-10).csv
 Title: Federal 15-7-9-18 SRT (8-23-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Aug 23, 2010 11:30:00 AM MDT
 Data End Date: Aug 23, 2010 06:00:01 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 79 of 79
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Aug 23, 2010 11:30:00 AM	695.400	PSIA
2	Aug 23, 2010 11:35:00 AM	692.600	PSIA
3	Aug 23, 2010 11:40:00 AM	691.400	PSIA
4	Aug 23, 2010 11:45:00 AM	687.600	PSIA
5	Aug 23, 2010 11:50:01 AM	685.600	PSIA
6	Aug 23, 2010 11:55:00 AM	683.200	PSIA
7	Aug 23, 2010 12:00:01 PM	681.800	PSIA
8	Aug 23, 2010 12:05:00 PM	725.800	PSIA
9	Aug 23, 2010 12:10:01 PM	736.800	PSIA
10	Aug 23, 2010 12:15:00 PM	740.800	PSIA
11	Aug 23, 2010 12:20:00 PM	746.200	PSIA
12	Aug 23, 2010 12:25:00 PM	749.400	PSIA
13	Aug 23, 2010 12:30:00 PM	753.800	PSIA
14	Aug 23, 2010 12:35:01 PM	759.200	PSIA
15	Aug 23, 2010 12:40:00 PM	763.000	PSIA
16	Aug 23, 2010 12:45:01 PM	765.000	PSIA
17	Aug 23, 2010 12:50:00 PM	771.400	PSIA
18	Aug 23, 2010 12:55:01 PM	776.800	PSIA
19	Aug 23, 2010 01:00:00 PM	780.800	PSIA
20	Aug 23, 2010 01:05:00 PM	840.200	PSIA
21	Aug 23, 2010 01:10:00 PM	862.200	PSIA
22	Aug 23, 2010 01:15:00 PM	875.400	PSIA
23	Aug 23, 2010 01:20:01 PM	888.800	PSIA
24	Aug 23, 2010 01:25:00 PM	896.400	PSIA
25	Aug 23, 2010 01:30:01 PM	904.600	PSIA
26	Aug 23, 2010 01:35:00 PM	909.600	PSIA
27	Aug 23, 2010 01:40:01 PM	929.600	PSIA
28	Aug 23, 2010 01:45:00 PM	937.000	PSIA
29	Aug 23, 2010 01:50:00 PM	947.400	PSIA
30	Aug 23, 2010 01:55:00 PM	947.800	PSIA
31	Aug 23, 2010 02:00:00 PM	962.000	PSIA
32	Aug 23, 2010 02:05:01 PM	1014.400	PSIA
33	Aug 23, 2010 02:10:00 PM	1038.200	PSIA
34	Aug 23, 2010 02:15:01 PM	1057.000	PSIA
35	Aug 23, 2010 02:20:00 PM	1070.600	PSIA
36	Aug 23, 2010 02:25:01 PM	1083.800	PSIA
37	Aug 23, 2010 02:30:00 PM	1092.400	PSIA
38	Aug 23, 2010 02:35:00 PM	1102.200	PSIA
39	Aug 23, 2010 02:40:00 PM	1113.200	PSIA
40	Aug 23, 2010 02:45:00 PM	1115.800	PSIA
41	Aug 23, 2010 02:50:01 PM	1131.000	PSIA
42	Aug 23, 2010 02:55:00 PM	1133.800	PSIA
43	Aug 23, 2010 03:00:01 PM	1144.000	PSIA
44	Aug 23, 2010 03:05:00 PM	1195.600	PSIA
45	Aug 23, 2010 03:10:01 PM	1213.200	PSIA
46	Aug 23, 2010 03:15:00 PM	1231.000	PSIA
47	Aug 23, 2010 03:20:00 PM	1244.200	PSIA
48	Aug 23, 2010 03:25:00 PM	1245.000	PSIA
49	Aug 23, 2010 03:30:00 PM	1247.200	PSIA
50	Aug 23, 2010 03:35:01 PM	1244.600	PSIA
51	Aug 23, 2010 03:40:00 PM	1241.600	PSIA
52	Aug 23, 2010 03:45:01 PM	1239.400	PSIA
53	Aug 23, 2010 03:50:00 PM	1242.800	PSIA
54	Aug 23, 2010 03:55:01 PM	1245.800	PSIA
55	Aug 23, 2010 04:00:00 PM	1241.400	PSIA
56	Aug 23, 2010 04:05:00 PM	1288.000	PSIA
57	Aug 23, 2010 04:10:00 PM	1300.000	PSIA
58	Aug 23, 2010 04:15:00 PM	1310.800	PSIA
59	Aug 23, 2010 04:20:01 PM	1317.800	PSIA
60	Aug 23, 2010 04:25:00 PM	1326.400	PSIA

61	Aug 23, 2010 04:30:01 PM	1326.400	PSIA
62	Aug 23, 2010 04:35:00 PM	1332.000	PSIA
63	Aug 23, 2010 04:40:01 PM	1332.800	PSIA
64	Aug 23, 2010 04:45:00 PM	1338.800	PSIA
65	Aug 23, 2010 04:50:00 PM	1345.000	PSIA
66	Aug 23, 2010 04:55:00 PM	1349.600	PSIA
67	Aug 23, 2010 05:00:00 PM	1352.800	PSIA
68	Aug 23, 2010 05:05:01 PM	1392.000	PSIA
69	Aug 23, 2010 05:10:00 PM	1401.400	PSIA
70	Aug 23, 2010 05:15:01 PM	1411.800	PSIA
71	Aug 23, 2010 05:20:00 PM	1418.400	PSIA
72	Aug 23, 2010 05:25:01 PM	1427.200	PSIA
73	Aug 23, 2010 05:30:00 PM	1431.800	PSIA
74	Aug 23, 2010 05:35:00 PM	1427.200	PSIA
75	Aug 23, 2010 05:40:00 PM	1435.600	PSIA
76	Aug 23, 2010 05:45:00 PM	1430.400	PSIA
77	Aug 23, 2010 05:50:01 PM	1439.400	PSIA
78	Aug 23, 2010 05:55:00 PM	1443.400	PSIA
79	Aug 23, 2010 06:00:01 PM	1447.200	PSIA

Federal 15-7-9-18 ISIP (8-23-10)

Device	- PrTemp1000
Serial Number	- M75866
Device ID	- PrTemp



Report Name: PrTemp1000 Data Table
 Report Date: Aug 24, 2010 09:05:36 AM MDT
 File Name: C:\Program Files\PTC@ Instruments 2.00\Federal 15-7-9-18 ISIP (8-23-10).csv
 Title: Federal 15-7-9-18 ISIP (8-23-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Aug 23, 2010 06:00:13 PM MDT
 Data End Date: Aug 23, 2010 06:30:14 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Aug 23, 2010 06:00:13 PM	1449.400	PSIA
2	Aug 23, 2010 06:01:14 PM	1381.600	PSIA
3	Aug 23, 2010 06:02:13 PM	1348.400	PSIA
4	Aug 23, 2010 06:03:13 PM	1327.200	PSIA
5	Aug 23, 2010 06:04:14 PM	1310.400	PSIA
6	Aug 23, 2010 06:05:13 PM	1297.400	PSIA
7	Aug 23, 2010 06:06:13 PM	1285.000	PSIA
8	Aug 23, 2010 06:07:14 PM	1275.000	PSIA
9	Aug 23, 2010 06:08:14 PM	1265.200	PSIA
10	Aug 23, 2010 06:09:13 PM	1255.600	PSIA
11	Aug 23, 2010 06:10:14 PM	1246.800	PSIA
12	Aug 23, 2010 06:11:14 PM	1238.600	PSIA
13	Aug 23, 2010 06:12:13 PM	1231.400	PSIA
14	Aug 23, 2010 06:13:14 PM	1223.600	PSIA
15	Aug 23, 2010 06:14:14 PM	1216.800	PSIA
16	Aug 23, 2010 06:15:13 PM	1209.800	PSIA
17	Aug 23, 2010 06:16:13 PM	1203.800	PSIA
18	Aug 23, 2010 06:17:14 PM	1197.400	PSIA
19	Aug 23, 2010 06:18:13 PM	1190.600	PSIA
20	Aug 23, 2010 06:19:13 PM	1185.200	PSIA
21	Aug 23, 2010 06:20:14 PM	1179.600	PSIA
22	Aug 23, 2010 06:21:13 PM	1173.800	PSIA
23	Aug 23, 2010 06:22:13 PM	1168.600	PSIA
24	Aug 23, 2010 06:23:14 PM	1164.200	PSIA
25	Aug 23, 2010 06:24:14 PM	1158.600	PSIA
26	Aug 23, 2010 06:25:13 PM	1153.600	PSIA
27	Aug 23, 2010 06:26:14 PM	1149.600	PSIA
28	Aug 23, 2010 06:27:14 PM	1144.600	PSIA
29	Aug 23, 2010 06:28:13 PM	1140.200	PSIA
30	Aug 23, 2010 06:29:13 PM	1135.600	PSIA
31	Aug 23, 2010 06:30:14 PM	1131.600	PSIA

Federal 15-7-9-18 Rate Sheet (8-23-10)

<i>Step # 1</i>	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	40.5	40.5	40.5	40.5	40.5	40.4
	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	40.4	40.4	40.4	40.3	40.3	40.3
<i>Step # 2</i>	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	80.5	80.5	80.4	80.4	80.4	80.4
	Time:	1:35	1:40	1:45	1:50	1:55	2:00
	Rate:	80.3	80.3	80.2	80.1	80.1	80.1
<i>Step # 3</i>	Time:	2:05	2:10	2:15	2:20	2:25	2:30
	Rate:	120.4	120.4	120.4	120.4	120.3	120.3
	Time:	2:35	2:40	2:45	2:50	2:55	3:00
	Rate:	120.2	120.2	120.2	120.1	120	120
<i>Step # 4</i>	Time:	3:05	3:10	3:15	3:20	3:25	3:30
	Rate:	160.6	160.6	160.6	160.6	160.6	160.5
	Time:	3:35	3:40	3:45	3:50	3:55	4:00
	Rate:	160.5	160.4	160.4	160.4	160.3	160.3
<i>Step # 5</i>	Time:	4:05	4:10	4:15	4:20	4:25	4:30
	Rate:	200.5	200.5	200.5	200.5	200.4	200.4
	Time:	4:35	4:40	4:45	4:50	4:55	5:00
	Rate:	200.4	200.3	200.3	200.2	200.2	200.2
<i>Step # 6</i>	Time:	5:05	5:10	5:15	5:20	5:25	5:30
	Rate:	240.4	240.4	240.3	240.3	240.3	240.3
	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	240.3	240.2	240.2	240.2	240.1	240.1
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

OCT 05 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

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

RE: Underground Injection Control (UIC)
Minor Permit Modification
Authorization to Continue Injection
EPA UIC Permit UT21170-08011
Well: Federal 15-7-9-18
SWSE Sec.7 -T9S-R1/E 18E
Uintah County, UT
API No.: 43-047-31202

Dear Mr. Guinn:

The Environmental Protection Agency (EPA), Region 8, has received Newfield Production Company's (Newfield) September 3, 2010, letter with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Federal 15-7-9-18 well. The enclosed Step Rate Test (SRT) and Radioactive Tracer Survey (RTS) results were reviewed and approved by EPA.

Newfield's interpretation of the enclosed Step Rate Test (SRT) data concluded the fracture gradient to be 0.746 psi/ft. EPA's analysis of the data determined the fracture gradient to be 0.743 psi/ft., resulting in a calculated MAIP of 1,130 psig. The MAIP for UIC Permit UT21170-08011 is hereby increased to 1,130 psig from the 860 psig previously authorized.

As of the date of this letter, EPA authorizes continued injection into the Federal 15-7-9-18 well under the terms and conditions of UIC Permit UT21170-08011 at the MAIP of 1,130 psig.

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OCT 21 2010

DIV. OF OIL, GAS & MINING

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the fracture parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in a request for a higher MAIP, a RTS conducted at the new MAIP is required.

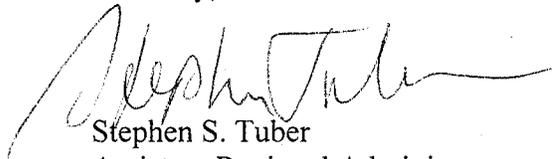
As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name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

US EPA, Region 8
Attn: Nathan Wisler
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wisler of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Emmett Schmitz at 303-312-6174 or 800-227-8917 (ext. 312-6174).

Sincerely,



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

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

Daniel Picard, Superintendent
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-16540

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL:
OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 15-7-9-18

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304731202

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FSL 1980 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 7, T9S, R18E

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: 01/28/2011	<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 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: - 1 YR MIT
	<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.

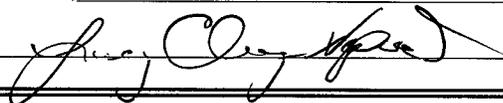
On 01/25/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 01/28/2011 the csg was pressured up to 1100 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbq pressure was 984 psig during the test. There was not an EPA representative available to witness the test.

EPA #UT21170-08011 API# 43-047-31202

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 02/01/2011

(This space for State use only)

RECEIVED
FEB 07 2011
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: 01 128 12011
 Test conducted by: Lynn Manson
 Others present: _____

Well Name: <u>Federal 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T <u>9</u> N <u>18</u> R <u>18</u> W	County: <u>Uintah</u> State: <u>Ut.</u>	
Operator: <u>New Field</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

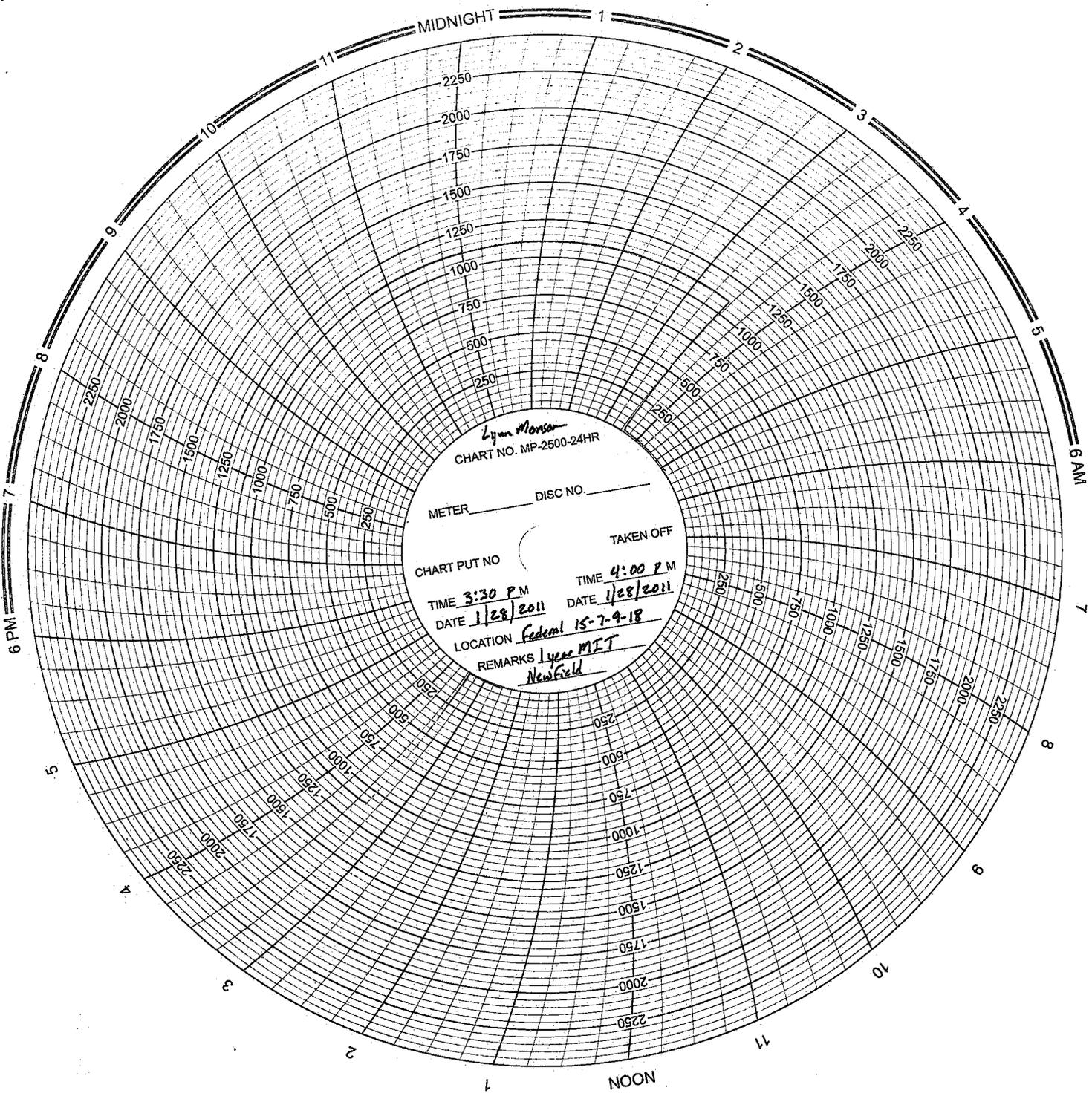
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>984</u> psig	psig	psig
End of test pressure	<u>982</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1100</u> psig	psig	psig
5 minutes	<u>1100</u> psig	psig	psig
10 minutes	<u>1100</u> psig	psig	psig
15 minutes	<u>1100</u> psig	psig	psig
20 minutes	<u>1100</u> psig	psig	psig
25 minutes	<u>1100</u> psig	psig	psig
30 minutes	<u>1100</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: _____



Lynn Monson
CHART NO. MP-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO. _____ TAKEN OFF _____

TIME 3:30 P M TIME 4:00 P M
DATE 1/28/2011 DATE 1/28/2011

LOCATION Federal 15-7-9-18
REMARKS Lycée MIT
Newfield

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-16540
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 15-7-9-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047312020000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: UINTAH		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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/6/2012	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 01/04/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 01/06/2012 the csg was pressured up to 1210 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 965 psig during the test. There was not an EPA representative available to witness the test. EPA #UT21170-08011		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 12, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/10/2012	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 11/6/2012
 Test conducted by: Colby Keel
 Others present: _____

Well Name: <u>Federal 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Newfield Monument Butte</u>		
Location: <u>Federal 15</u> Sec: <u>7</u> T: <u>9</u> N/S R: <u>18</u> E/W County: <u>Uintah</u> State: <u>Ut</u>		
Operator: <u>Colby Keel</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1130</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: 5 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1965</u> psig	psig	psig
End of test pressure	<u>965</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1210</u> psig	psig	psig
5 minutes	<u>1210</u> psig	psig	psig
10 minutes	<u>1210</u> psig	psig	psig
15 minutes	<u>1210</u> psig	psig	psig
20 minutes	<u>1210</u> psig	psig	psig
25 minutes	<u>1210</u> psig	psig	psig
30 minutes	<u>1210</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: _____

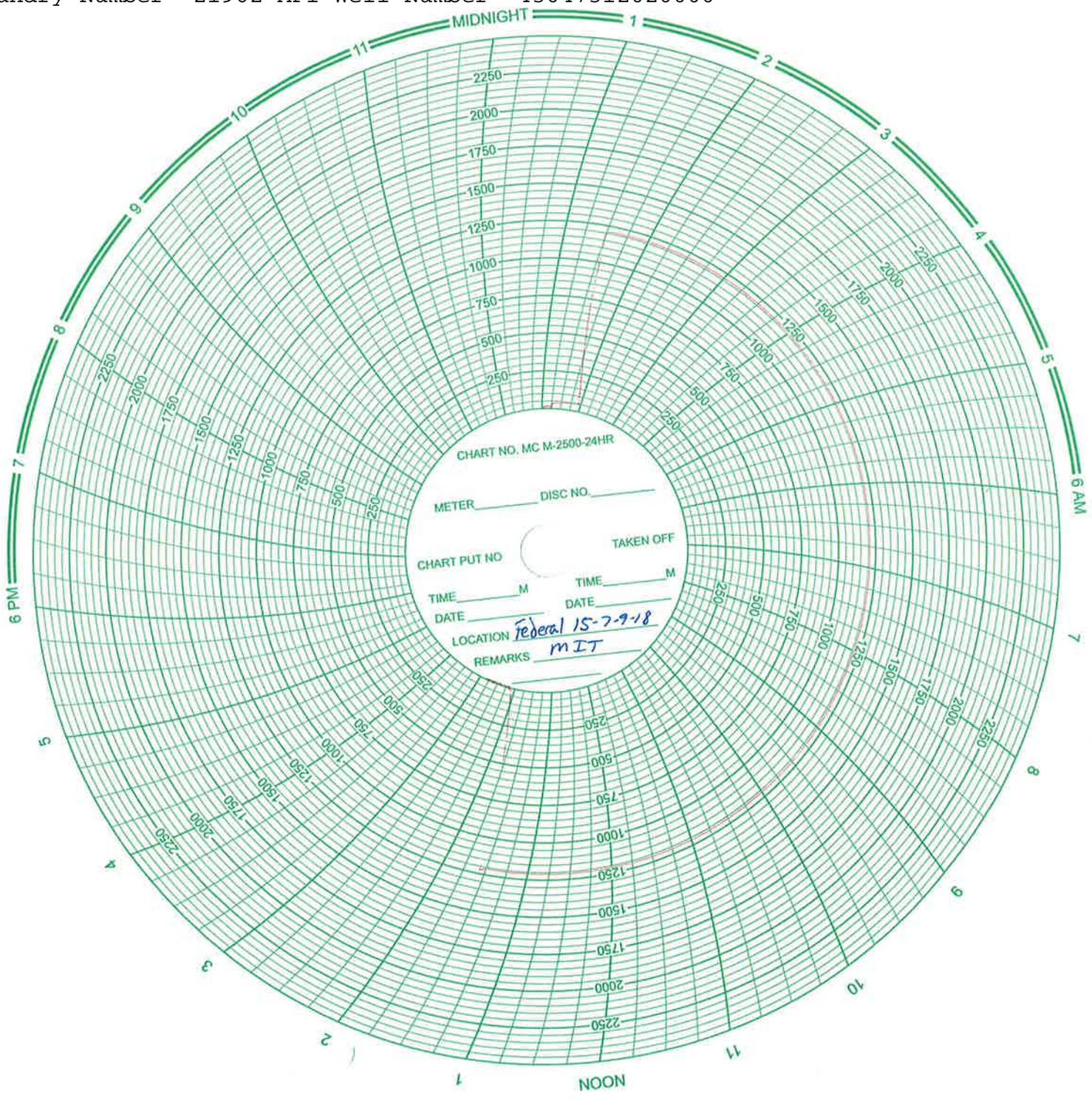


CHART NO. MC M-2500-24HR
METER _____ DISC NO. _____
CHART PUT NO. _____ TAKEN OFF _____
TIME _____ M TIME _____ M
DATE _____ DATE _____
LOCATION Federal 15-7-9-18
REMARKS MIT

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-16540
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 15-7-9-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		9. API NUMBER: 4304731202000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: UINTAH		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/29/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 11/27/2012 Sarah Roberts with the EPA was contacted concerning the 1 YR MIT on the above listed well. On 12/29/2012 the casing was pressured up to 1690 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1033 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08011		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 07, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/3/2013	

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: 12 129 112
 Test conducted by: Troy LAZENBY
 Others present: _____

Well Name: <u>Federal 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T <u>9</u> N <u>15</u> R <u>18</u> E/W	County: <u>Uintah</u>	State: <u>UT</u>
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1130</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: 10 bpd

Pre-test casing/tubing annulus pressure: 1690 / 1033 psig

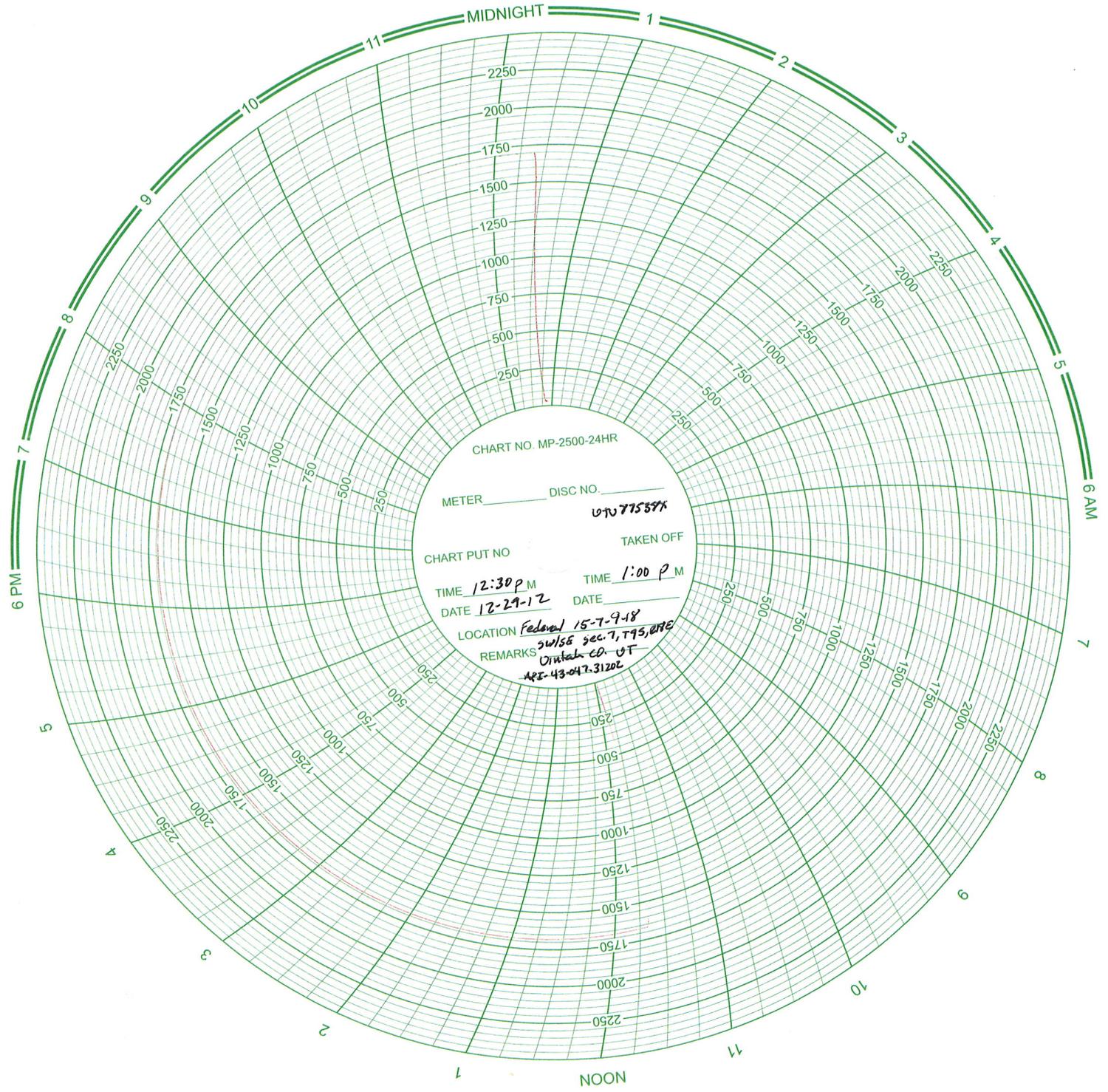
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1033</u> psig	psig	psig
End of test pressure	<u>1033</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1690</u> psig	psig	psig
5 minutes	<u>1690</u> psig	psig	psig
10 minutes	<u>1690</u> psig	psig	psig
15 minutes	<u>1690</u> psig	psig	psig
20 minutes	<u>1690</u> psig	psig	psig
25 minutes	<u>1690</u> psig	psig	psig
30 minutes	<u>1690</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input 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: [Signature]



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: U-16540
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 15-7-9-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047312020000
9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH		COUNTY: UINTAH
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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/19/2013	<input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 1 YR MIT performed on the above listed well. On 11/19/2013 the casing was pressured up to 1305 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 706 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08011		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 26, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/25/2013	

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: Nov 17 1983
 Test conducted by: JOHNNY SUM
 Others present: MICHAEL JENSEN

Well Name: <u>FEDERAL 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GRUB</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T: <u>9</u> N: <u>18</u> R: <u>18</u> E: <u>W</u>	County: <u>VINTAGE</u>	State: <u>UTAH</u>
Operator: <u>NFX</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>805</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

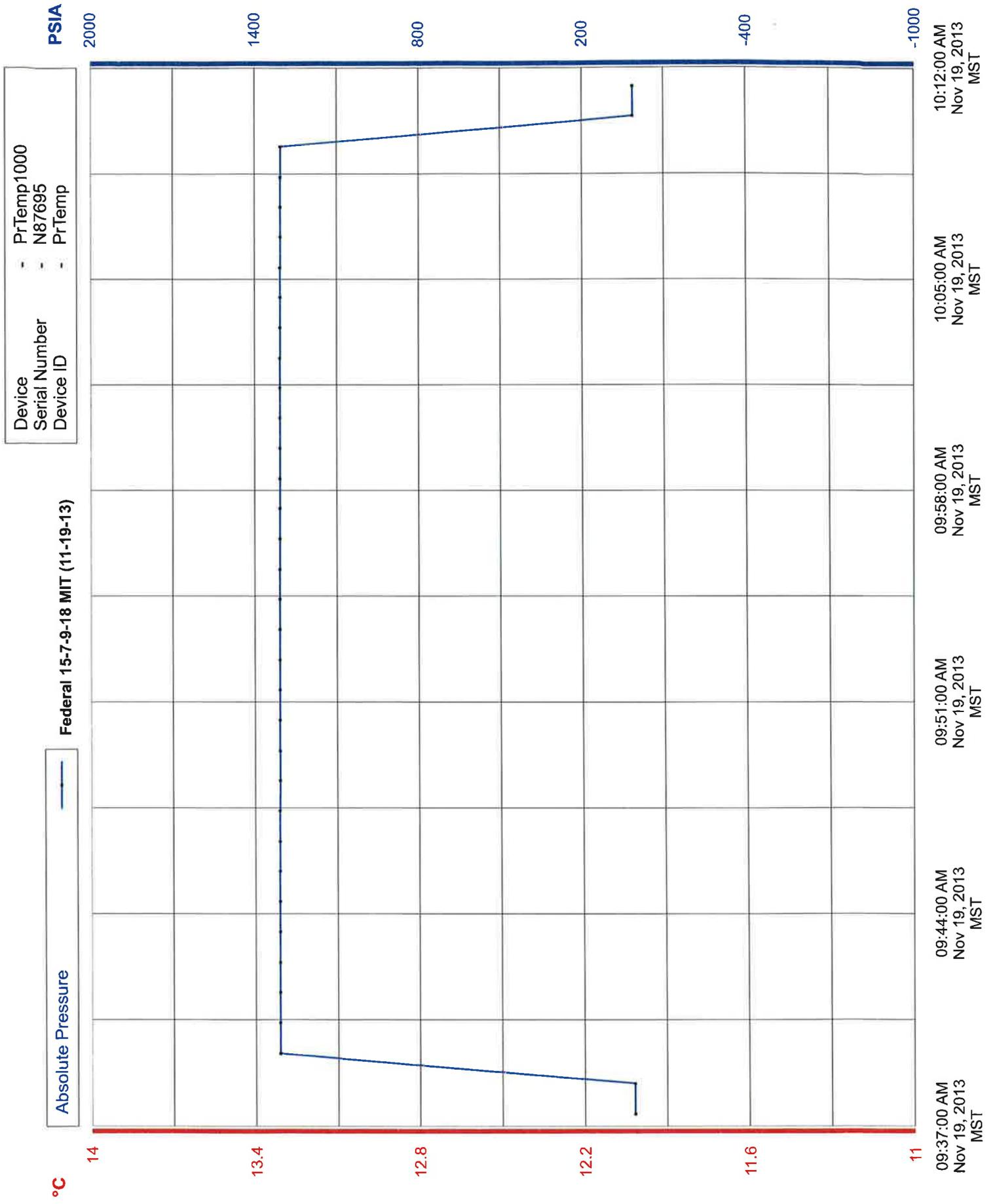
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>709</u> psig	psig	psig
End of test pressure	<u>706</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1311</u> psig	psig	psig
5 minutes	<u>1311</u> psig	psig	psig
10 minutes	<u>1309</u> psig	psig	psig
15 minutes	<u>1308</u> psig	psig	psig
20 minutes	<u>1307</u> psig	psig	psig
25 minutes	<u>1306</u> psig	psig	psig
30 minutes	<u>1305</u> psig	psig	psig
<u>30</u> 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: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<p style="text-align: center;">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p>		5. LEASE DESIGNATION AND SERIAL NUMBER: U-16540
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 15-7-9-18
PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43047312020000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
		COUNTY: UINTAH
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/10/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<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"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
1 YR MIT performed on the above listed well. On 10/10/2014 the casing was pressured up to 1241 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 667 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08011		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 15, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/14/2014	

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: 10/10/14
 Test conducted by: JOHNNY SLIM
 Others present: _____

Well Name: <u>FEDERAL 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GEARLY MOUNTED BITS UNITS</u>		
Location: <u>15</u>	Sec: <u>7 T 9 N (S) R 18 (E) W</u>	County: <u>UNION</u> State: <u>LA</u>
Operator: <u>NEWFIELD EXPLORATION CO.</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>805</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: 0 bpd

Pre-test casing/tubing annulus pressure: 0/668 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>668</u> psig	psig	psig
End of test pressure	<u>667</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1249</u> psig	psig	psig
5 minutes	<u>1249</u> psig	psig	psig
10 minutes	<u>1248</u> psig	psig	psig
15 minutes	<u>1246</u> psig	psig	psig
20 minutes	<u>1247</u> psig	psig	psig
25 minutes	<u>1242</u> psig	psig	psig
30 minutes	<u>1241</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

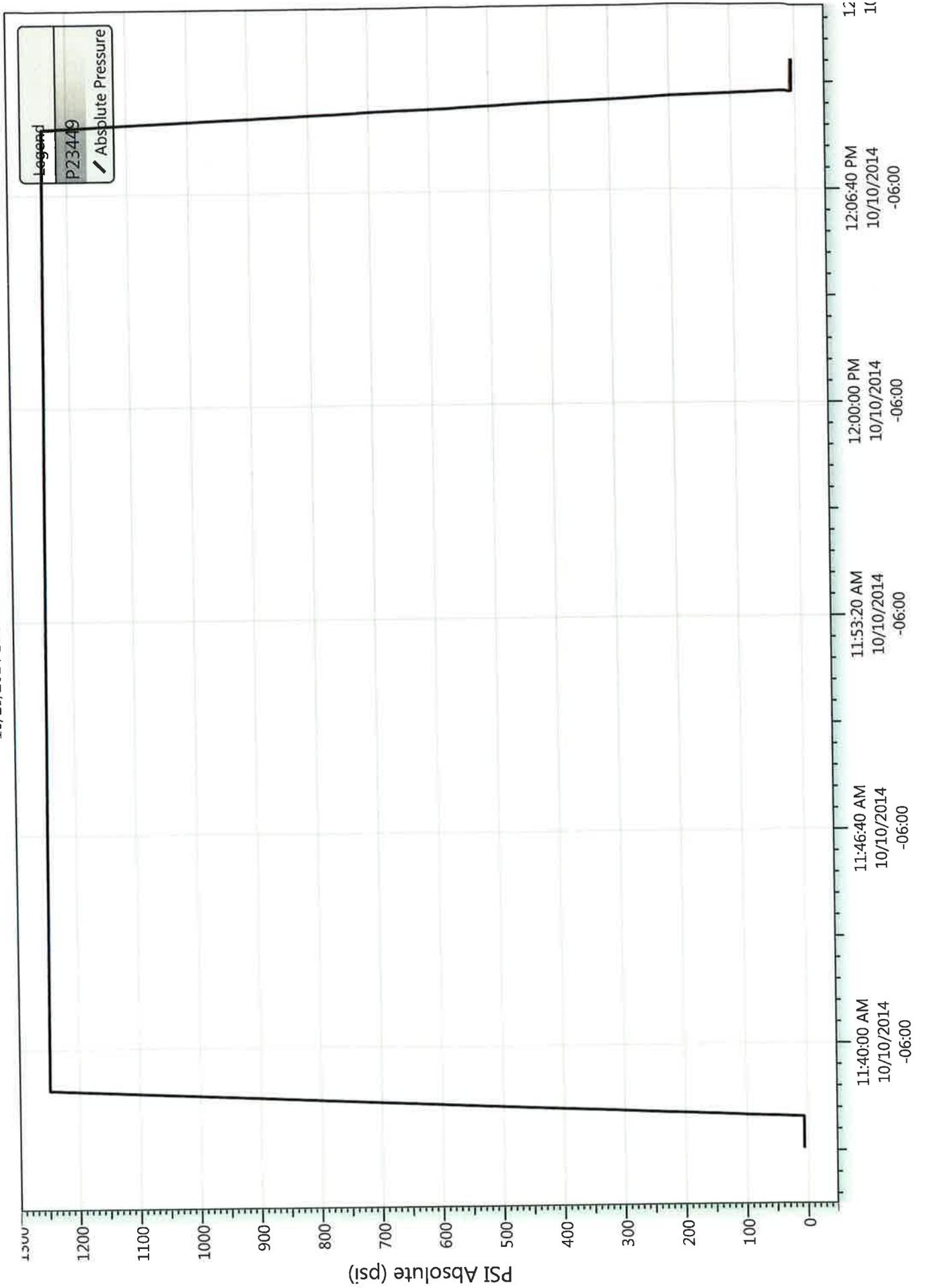
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

federal 15-7-9-18 5yr MIT (10-10-14)

10/10/2014 11:34:41 AM



NEWFIELD

Schematic

Well Name: **Federal 15-7-9-18**

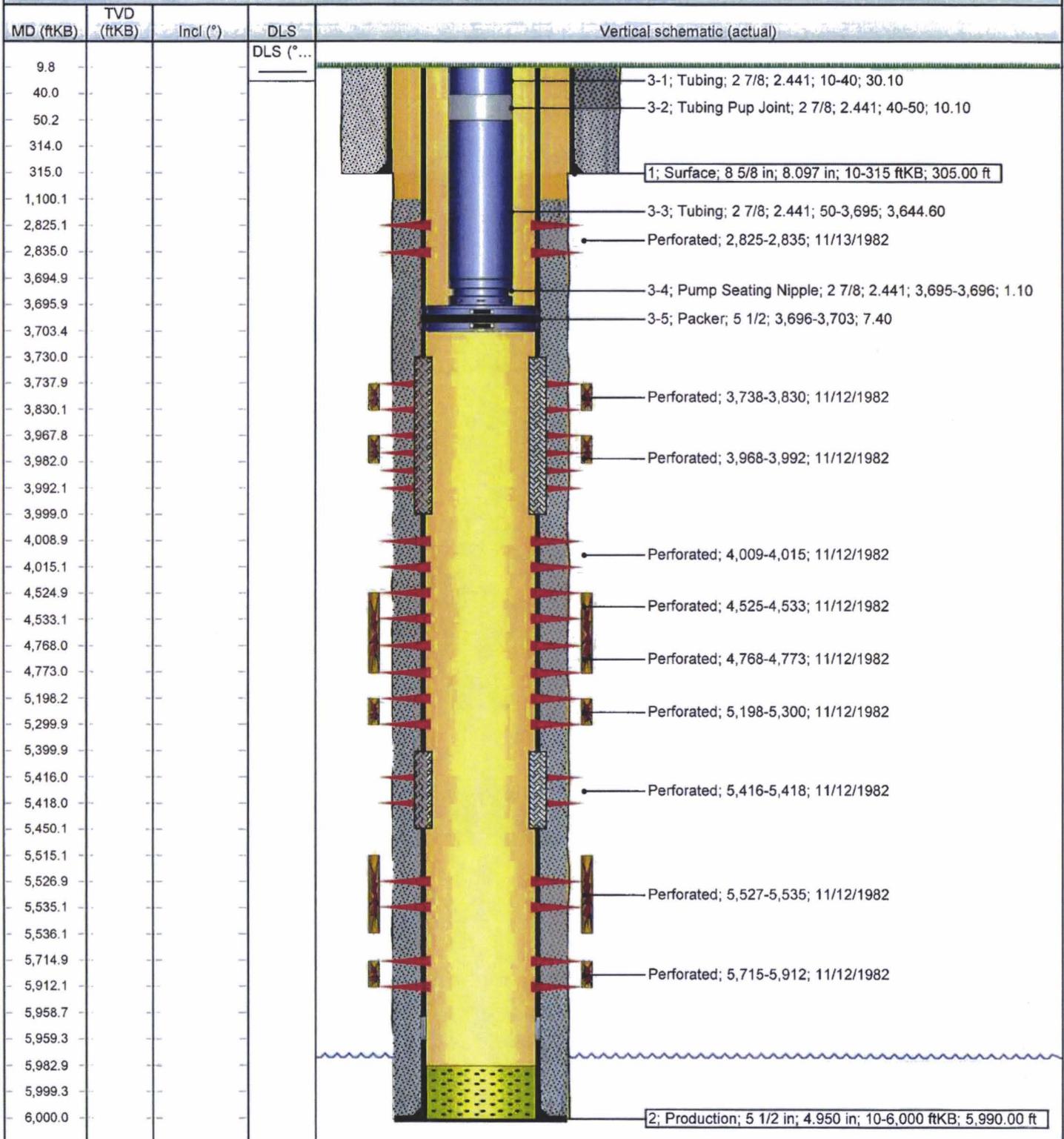
Surface Legal Location 07-9S-18E		API/UWI 43047312020000	Well RC 500151549	Lease	State/Province Utah	Field Name GMBU CTB10	County UINTAH
Spud Date 4/22/1982	Rig Release Date 5/13/1982	On Production Date 11/26/1982	Original KB Elevation (ft) 5,975	Ground Elevation (ft) 5,965	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,000.0	

Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 10/10/2014	Job End Date 10/10/2014
-------------------------	------------------	---------------------------	------------------------------	----------------------------

TD: 6,000.0

Vertical - Original Hole, 7/28/2015 9:17:25 AM



NEWFIELD



Newfield Wellbore Diagram Data Federal 15-7-9-18

Surface Legal Location 07-9S-18E		API/UWI 43047312020000		Lease	
County UINTAH		State/Province Utah		Basin	
Well Start Date 4/22/1982		Spud Date 4/22/1982		Final Rig Release Date 5/13/1982	
Original KB Elevation (ft) 5,975		Ground Elevation (ft) 5,965		Total Depth (ftKB) 6,000.0	
		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,000.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/20/1982	8 5/8	8.097	24.00	J-55	315
Production	5/12/1982	5 1/2	4.950	15.50	J-55	6,000

Cement

String: Surface, 315ftKB 4/23/1982

Cementing Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 315.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 225	Class G	Estimated Top (ftKB) 10.0

String: Production, 6,000ftKB 5/12/1982

Cementing Company		Top Depth (ftKB) 1,100.0	Bottom Depth (ftKB) 6,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 970	Class UNKNOWN	Estimated Top (ftKB) 1,100.0

String: Production, 6,000ftKB 11/26/1982

Cementing Company		Top Depth (ftKB) 5,400.0	Bottom Depth (ftKB) 5,450.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Squeeze	Amount (sacks)	Class H	Estimated Top (ftKB) 5,400.0

String: Production, 6,000ftKB 1/22/1983

Cementing Company		Top Depth (ftKB) 3,730.0	Bottom Depth (ftKB) 3,999.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 3% CaCl		Fluid Type Squeeze	Amount (sacks) 75	Class H	Estimated Top (ftKB) 2,820.0

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing		1/18/2010		3,703.3				
Tubing	1	2 7/8	2.441	6.50	J-55	30.10	10.0	40.1
Tubing Pup Joint	1	2 7/8	2.441	6.50	J-55	10.10	40.1	50.2
Tubing	119	2 7/8	2.441	6.50	J-55	3,644.60	50.2	3,694.8
Pump Seating Nipple		2 7/8	2.441			1.10	3,694.8	3,695.9
Packer	1	5 1/2				7.40	3,695.9	3,703.3

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Full Date
Fill	5,983	6,000	9/14/2009	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
10	Green River, Original Hole	2,825	2,835	2			11/13/1982
9	Green River, Original Hole	3,738	3,830				11/12/1982
8	Green River, Original Hole	3,968	3,992				11/12/1982
7	Green River, Original Hole	4,009	4,015				11/12/1982
6	Green River, Original Hole	4,525	4,533				11/12/1982
5	Green River, Original Hole	4,768	4,773				11/12/1982
4	Green River, Original Hole	5,198	5,300				11/12/1982
3	Green River, Original Hole	5,416	5,418				11/12/1982
2	Green River, Original Hole	5,527	5,535				11/12/1982
1	Green River, Original Hole	5,715	5,912				11/12/1982

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2							
3							



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)
4							
5							
6							

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 91000 lb
2		Proppant Sand 101000 lb
3		Proppant Sand 123200 lb
4		Proppant Sand 65000 lb
5		Proppant Sand 36000 lb
6		Proppant Sand 47800 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-16540
		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: FEDERAL 15-7-9-18
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047312020000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		COUNTY: UINTAH
		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: 9/6/2015	<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="1 YR MIT"/>

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

1 YR MIT performed on the above listed well. On 09/03/2015 the casing was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 997 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08011

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 16, 2015**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/14/2015	

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 9/3/15
Test conducted by: JOHNNY SLIM
Others present: _____

Well Name: <u>FEDERAL 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MOVEMENT BUTTE UNIT</u>		
Location: <u>15</u> Sec: <u>7</u> T <u>9</u> NIS R <u>18</u> EIW County: <u>WINTAH</u> State: <u>OR</u>		
Operator: <u>NEWFIELD EXPLORATION COMPANY</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure: <u>1082</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: 0 bpd

Pre-test casing/tubing annulus pressure: 0/1005 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1005</u> psig	psig	psig
End of test pressure	<u>997</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1230</u> psig	psig	psig
5 minutes	<u>1235</u> psig	psig	psig
10 minutes	<u>1232</u> psig	psig	psig
15 minutes	<u>1229</u> psig	psig	psig
20 minutes	<u>1226</u> psig	psig	psig
25 minutes	<u>1222</u> psig	psig	psig
30 minutes	<u>1220</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

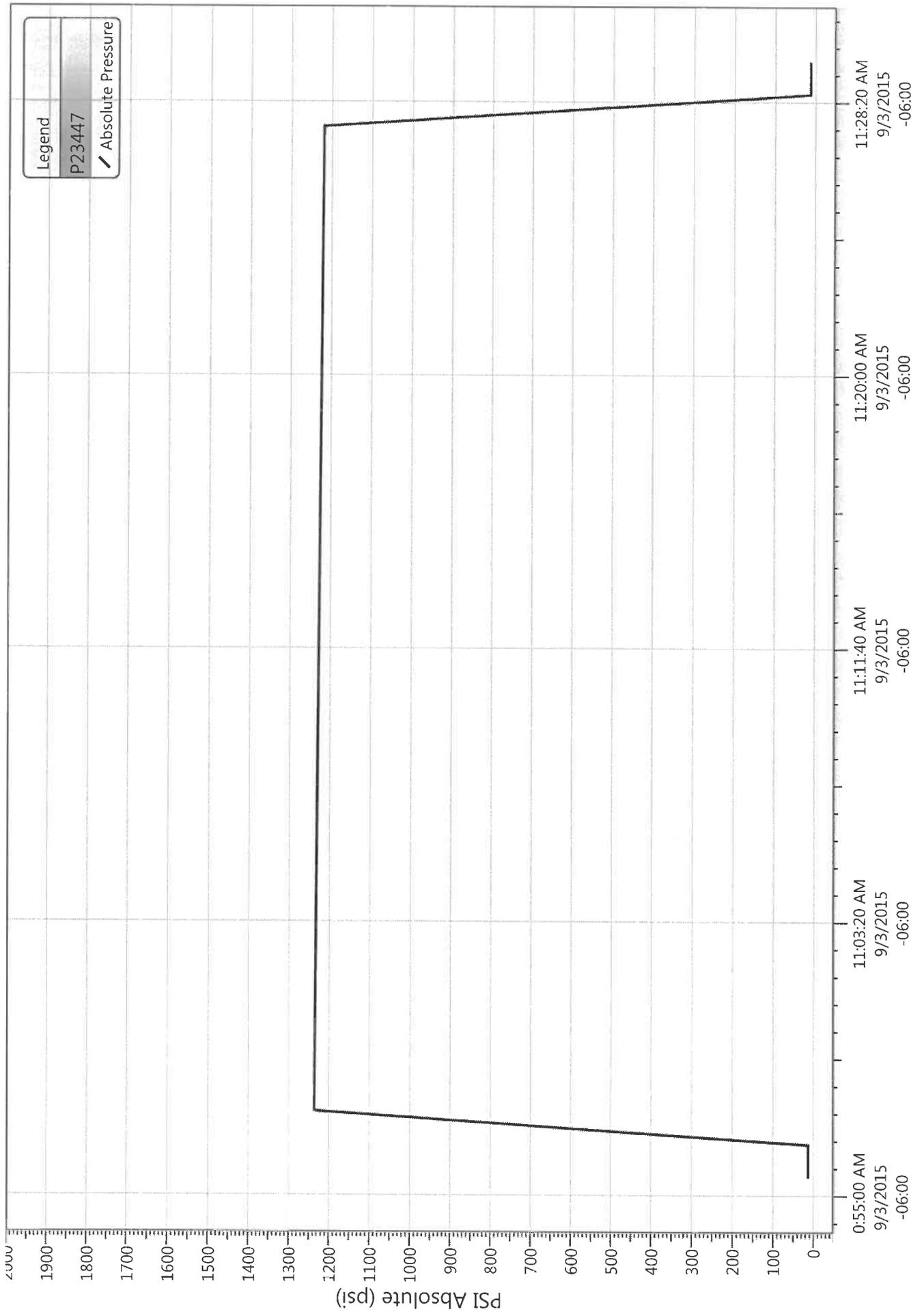
Does the annulus pressure build back up after the test? Yes No

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: _____

Federal 15-7-9-18 1yr MIT (9-3-15)
9/3/2015 10:54:30 AM



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: U-16540	
		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: FEDERAL 15-7-9-18	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047312020000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 18.0E Meridian: S		COUNTY: UINTAH	
		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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 1 YR MIT performed on the above listed well. On 08/03/2016 the casing was pressured up to 1242 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 357 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08011			
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 08, 2016	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 8/4/2016	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 8 / 3 / 2016
 Test conducted by: Shannon Lazenby
 Others present: _____

Well Name: <u>Federal 15-7-9-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>15-7-9-18</u> Sec: <u>7</u> T <u>95</u> N/S R <u>18</u> E/W County: <u>Uintah</u> State: <u>ut</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1082</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: 0/357 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>357</u> psig	psig	psig
End of test pressure	<u>357</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1251.2</u> psig	psig	psig
5 minutes	<u>1250.2</u> psig	psig	psig
10 minutes	<u>1248.8</u> psig	psig	psig
15 minutes	<u>1246.6</u> psig	psig	psig
20 minutes	<u>1245.0</u> psig	psig	psig
25 minutes	<u>1243.8</u> psig	psig	psig
30 minutes	<u>1242.0</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: _____

15-7-9-18 5yr MIT
8/3/2016 10:31:47 AM

