

**MOUNTAIN  
RESOURCE  
CORPORATION**

January 9, 1984

**CONFIDENTIAL  
WELL STATUS**

Mr. Ronald J. Firth  
Chief Petroleum Engineer  
State of Utah Natural Resources  
4241 State Office Building  
Salt Lake City, Utah 84114

Reference: Permit for Well No. Ferron-MRC #18  
located in the SW1/4SE1/4 Section  
3, T21S, R7E, SLM, Emery County,  
Utah.

Dear Ron:

Enclosed is our application for the above referenced well.  
This application has been submitted to the Bureau of Land  
Management and is in the process of being approved.

Also, I have enclosed our approved application and letters  
for the purchase of water for this and several other wells.

If you have any question please call. Thank you.

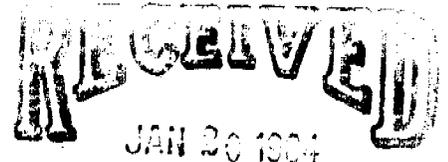
Sincerely,

MOUNTAIN RESOURCE CORPORATION

V. LeRoy Hansen  
Vice President

VLH/lt

Encl:



DIVISION OF  
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.

U-011246

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Celsius-Mt. Resource

9. WELL NO.

Ferron-MRC #18

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED  
Ferron Area

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

Section 3, T21S, R7E, SLM

12. COUNTY OR PARISH

Emery

13. STATE

Utah

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

2. NAME OF OPERATOR  
 Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
 P.O. Box 27444 - 1800 South West Temple - SLC, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 at surface  
 ✓ SW1/4SE1/4 Section 3 (1980'FEL, 660'FSL)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\*  
 LOCATION TO NEAREST  
 PROPERTY OR LEASE LINE, FT. 660 feet  
 (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE  
 160

17. NO. OF ACRES ASSIGNED  
 TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\*  
 TO NEAREST WELL, DRILLING, COMPLETED,  
 OR APPLIED FOR, ON THIS LEASE, FT. 2350 feet

19. PROPOSED DEPTH  
 1300 feet

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6154.72 GR

22. APPROX. DATE WORK WILL START\*  
 March 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7 5/8"	20 lb/ft	100	Cement will be circulated to surface (250 sacks)
6 3/4"	4 1/2"	10.5 lb/ft	1200	

It is proposed to drill a geological test hole in the Mancos Shale to a depth of 300-400 feet in an attempt to evaluate the nature of the geological structure and production potential of the Ferron Sandstone which lie 600-700 deeper. Based on the positive results of this test hole, drilling will then be completed to sufficient depth to fully test and evaluate the Ferron Formation by drilling through the Ferron into the Tununk shale. Air will be used as the circulating medium. No coring is planned. The logs will be gamma ray-caliper, compensated neutron density and dual induction guard. All federal and state regulations will be adhered to.

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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give location of present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and measured stratigraphical sections. Give blowout preventer program, if any.

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

24. SIGNED: V. LeRoy Hansen TITLE: Vice President DATE: 1/6/84  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ CONDITIONS OF APPROVAL \_\_\_\_\_

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CONFIDENTIAL  
 WELL STATUS

DIVISION OF  
 OIL, GAS & MINING

FIGURE 1  
MOUNTAIN RESOURCE  
FERRON-MRC 18  
(1/6/84)

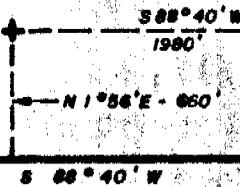
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**CONFIDENTIAL  
WELL STATUS**

Township 21 South

FERRON MRC No. 18  
Set A 1/2"x24" Rebar  
Elevation = 6154.72

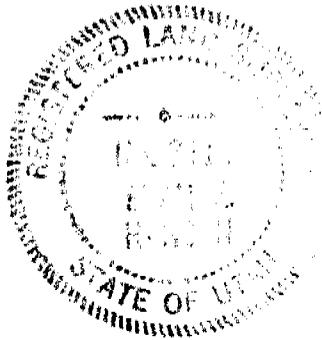


**Basis Of Bearing**

S 88° 40' W - Obtained From G.L.O. Plat Dated June 21, 1965, Between The Southeast Corner And The South 1/4 Corner Of Section 3, T21S, R7E, SLB.B.M.

**Legend**

- ◆ Found Brass Cap Section Corner
- Found Brass Cap One Quarter Corner



**Surveyors Certificate**

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor Holding Certificate No. 3115. As Prescribed Under The Laws Of The State Of Utah. I Further Certify That I Have Made A Survey Of The Tract Of Land Shown On This Plat And That It Is True And Correct To The Best Of My Knowledge.

Evan E. Hansen

12/22/83  
Date

**Empire Engineering**

86 North 200 East Price, Utah 84501

**Mountain Resource Corp.  
Ferron MRC No. 18**

DRAWN BY: B.L.P.	APPROVED BY:	DRAWING NO. EE06-064 B
DATE: 12/22/83	SCALE: 1" = 1000'	

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WELL CONTROL EQUIPMENT

**DIVISION OF  
OIL, GAS & MINING**

1. Surface Casing:
  - a. Hole size for the surface casing will be 9 1/2".
  - b. Setting depth for the surface casing will be approximately 100'.
  - c. Casing Specifications are 7 5/8" o.d.; H-40, 20 lb/ft Condition "A".
  - d. Anticipated pressure at setting depth is approximately 40 psig.
  - e. Casing will be run and cement will continue to be mixed until returns are evident at surface.
  - f. Top of the surface casing will be at ground level.
  
2. Casing head:
  - a. The flange size will be 6" series 300 new, equipped with 2 inch ports with nipples and 2" 1,000 lb. working pressure valves. Casing head and valves will be set above ground.
  
3. Intermediate Casing:
  - a. None
  
4. Blowout Preventers:
  - a. Figure four is a schematic of the control system for drilling the proposed wells. The control system is designed to handle up to 3000 psi working pressure.
  
5. Auxilliary Equipment
  - a. All that is standard for safe and prudent air drilling operations.
  
6. Anticipated Pressures:
  - a. The anticipated pressure that is expected to be encountered will be approximately 350 psig.
  
7. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the

well is completed. The B.O.P. will be inspected and operated daily to insure good mechanical working order and this inspection recorded on the daily drilling report. The B.O.P. will be tested to 400 lbs psi for ten minutes before drilling the casing cement plugs. All B.O.P. pressure tests will be recorded on the daily drilling report. The B.O.P. provided will have a full opening stabbing valve to fit the drill pipe when the Kelly is out of the B.O.P.

8. Water trucks used for hauling water will use existing access routes only as specified in the application. All water, trash, cutting, oils, sewerage and other waste materials will be placed in pits.

9. All drilling, reserve and water pits will be fenced as shown in figure 3 using steel posts and non-barbed fencing wire from the time the pits are dug until they are refilled.

The drilling rig is truced mounted which will require a minimum pad size (figure 3) however, operation requires a cellar for the B.O.P.

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OPERATIONS AND SURFACE USE PLAN

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OIL, GAS & MINING

1. WELL LOCATION AND EXISTING ROADS The attached plat (figure 1) shows the location of the proposed well site. Figure 2 shows the access route from State Highway 10 to the well site. The well site is approximately 4 1/2 miles south of Ferron, Utah along State Highway 10. The well location will be on public lands.

2. PLANNED ACCESS ROAD: As indicated in the above statement, the access road will originate off an existing BLM and private surface road. Access is planned using an existing road off of highway 10 east acrossed the southern half of section 4 to the west half of section 3, Then 2640 feet acrossed the SW1/4 of Section 3 on surface owned by the Railroad to the centerline of section 3. Then east an additional 660 feet east to the wellsite. The last 660 feet of access road and the wellsite are located on public lands. The access road will originate on Mancos Shale and will not be graded (except for washes if required) during the drilling of this well all water bars and turn outs will be flagged by BLM personal. If the well is productive, the road will be contoured, sloped and ditched (if required). If in the event a dry hole water bars will be made and the road and surface restored to, as closely as possible, original condition.

3. LOCATION OF EXISTING WELLS Figure two (2) indicates wells in the immediate area that are productive. There are no other known wells, either productive, abandon or dry near this location other than those shown on the attached drawing.

4. LOCATION OF PRODUCTION EQUIPMENT A diagram of production equipment is attached (figure 5) indicating production equipment for a gas well. All line will be coated and wrapped and buried. The land usage for this equipment will be held to an absolute minimum. After operations cease, and provided surface disturbances have occurred the surface will be leveled and sloped to pre-existing conditions. Recommendations for reseeding as given by the B.L.M. will be followed on any disturbances occuring on government lands.

5. WATER SUPPLY: It is anticipated that water usage will be extremely minimal. The water so used will be obtained from a private source (pond) 1 mile east and south. There are no present plans for using salt water except for a 3 to 6% KCL solution that will be used during completion operations.

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6. ROAD MATERIAL: It is not expected that road material will be required. Existing roads presently in place will be used to a minimum. On government lands, if required, the top six (6) inches of soil material will be removed and stockpiled for use in restoration (loose weathered shale). Redistribution of this material will occur following cessation of completion operations. Reuse of this weathered material shall be done as requested by the jurisdictional B.L.M. office.

7. WATER DISPOSAL A small reserve pit (12 x 20) will be used as a bleed line collection pit as well as a storage pit for the small amount of water used in drilling to be located near the rig.

8. CAMP FACILITIES AND AIRSTRIP: The entire drill site will be located on public lands. No additional ground or facilities will be used for camp facilities. Toilet facilities will be provided at the drillsite. There are no plans for an airstrip. For emergency facilities the Carbon County or the Huntington airport, will be used.

9. WELL SITE LAYOUT: The plan for the layout of the drilling equipment is indicated in figure 3. There may be slight additions and/or deletions that may occur if the drilling contractor decides to add or delete from his present facilities. As this location is relatively flat, a minimum amount of cut and/or fill will be needed. As previously noted, two diagrams indicating the production layout are attached.

10. RESTORATION: After drilling operations have been concluded and equipment removed, the well site area will be cleaned, leveled, and restored to normal. The pits will be covered and all trash will be removed. Reseeding on any disturbed public lands along the access road will be done direction of the B.L.M. Any disturbed public lands will be scarified with the contour to a depth of four (4) inches. Seed will be broadcast at the time specified by the BLM including 1 lb/acre Indian Recegrass; 1 lb/acre fourwing saltbrush; 1 lb/acre crested wheatgrass; 1 lb/acre alkali saca on; and 1 lb/acre yellow sweetclover. Mountain Resource Corporation will be using Pacific National Gas Company/ Nationwide Federal Bond as designated operator.

11. LAND DESCRIPTION Note para. no. 1 above. This area is fairly flat. The Wasatch Plateau is to the West and the San Rafael Swell lies to the East.

12. REPRESENTATION: Mountain Resource Corporation is the

designated Operator of the lease. The Operators supervisor will be Frederick G. Jaeger, 1731 Oakridge Drive, SLC, Utah. (801) 487-1773

13. CERTIFICATION I hereby certify that I or persons under my direct Supervisions, have inspected the proposed drill-site and proposed access road; 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 that the work associated with the operations proposed herein will be performed by the Mountain Resource Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

dated this 6<sup>th</sup> day of January, 1984

MOUNTAIN RESOURCE CORPORATION

V. LeRoy Hansen  
V. LeRoy Hansen

1. The surface material is weathered Mancos Shale mixed with fine-grained aeolian silt-stone. Some of the cliff exposures include the Upper Ferron Sandstone.

2. The estimated tops of important and recognizable geologic markers are:

Mancos Shale.....surface  
Lower Ferron.....1,000 ft  
Tununk Shale.....1,200 ft

3. The estimated depths at which important water oil and gas is expected to be encountered are:

Lower Ferron Sand.....1,000 ft.....Gas and/or Oil

No water sands are expected to be encountered while drilling this well.

4. The casing program as previously indicated will consist of 100 feet of 7 5/8 inch, 20 lb/ft surface casing and 1500 feet of 4 1/2", 10.5 lb/ft production casing. The surface casing will be set and cement will be circulated to surface. The 4 1/2" production string will be cemented with 250 sacks of cement. This is a calculated 25% excess amount of cement necessary to cement the entire string to surface.

5. The schematic diagram of the B.O.P. is attached. The 3000 psig working configuration will be used. Also dependent upon the height from ground level to the return flow, a hydril or equivalent type of B.O.P. will be utilized as the top piece of the B.O.P. stack.

6. It is planned to drill this well using air as the circulating medium. The only water anticipated to be used will be that employed in cementing the casing.

7. The auxiliary equipment to be used will be that applicable to prudent air drilling practices. The blooie line will be terminated at a minimum distance of 125 feet from the rig. A relatively small blooie pit will be utilized. All drilling and reserved pits will be fenced per figure #3.

8. It is planned to utilize open-hole logs in this well. They will consist of a gamma ray, caliper compensated neutron density and dual induction guard.

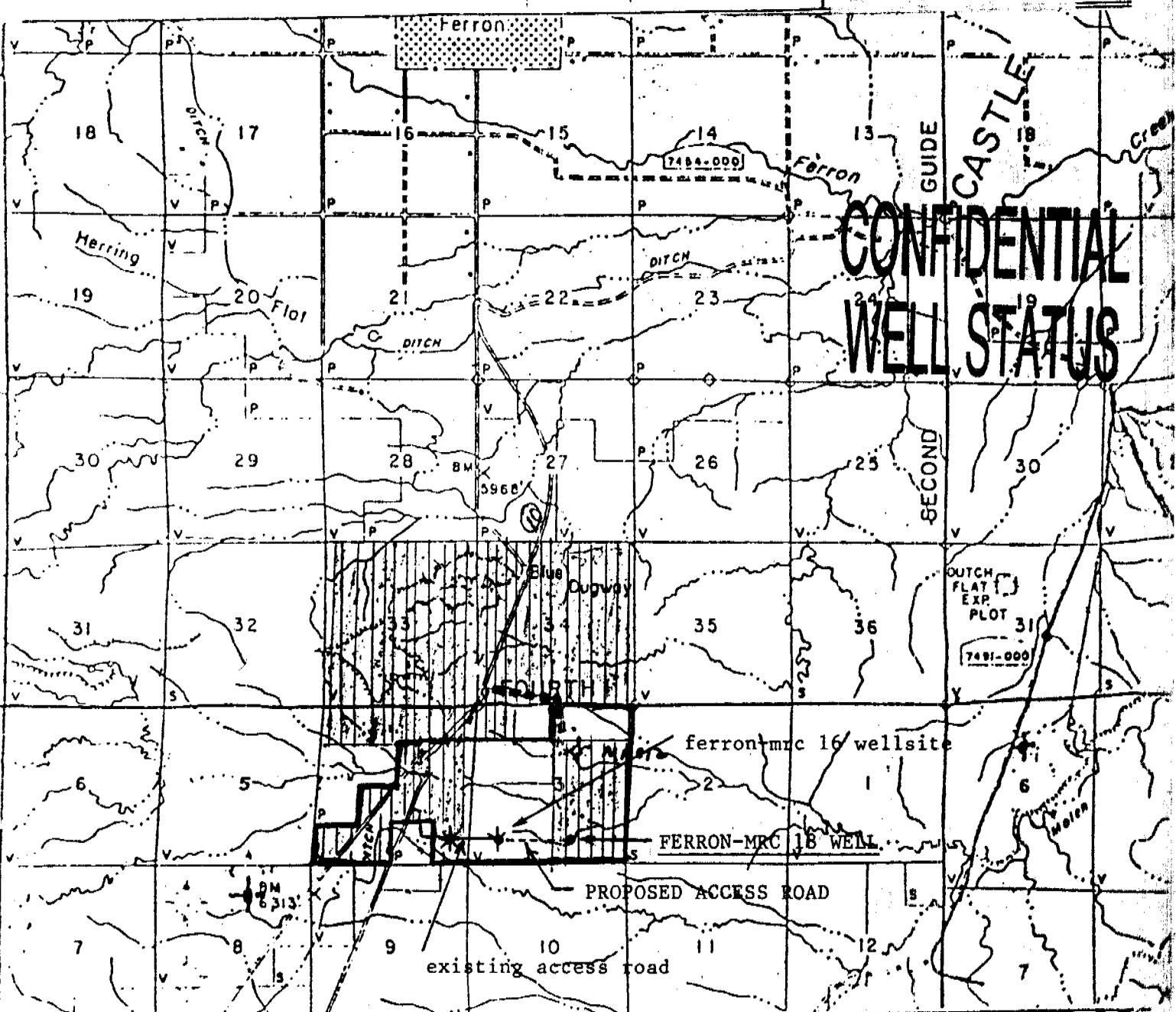
9. It is not anticipated that any H2S, abnormal pressures or high temperatures will be encountered in drilling this well.

10. It is expected to commence operations upon permit approval. The estimated time to drill this well will be five (5) days.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIGURE 2-A  
FERRON-MRC 18 WELL  
LOCATION MAP (1/6/84)

SITE MAP



R 7E

R 8E

LAND OWNERSHIP KEY AND ADDITIONAL TOPOGRAPHIC SYMBOLS

Scale: 1" = 1 mile

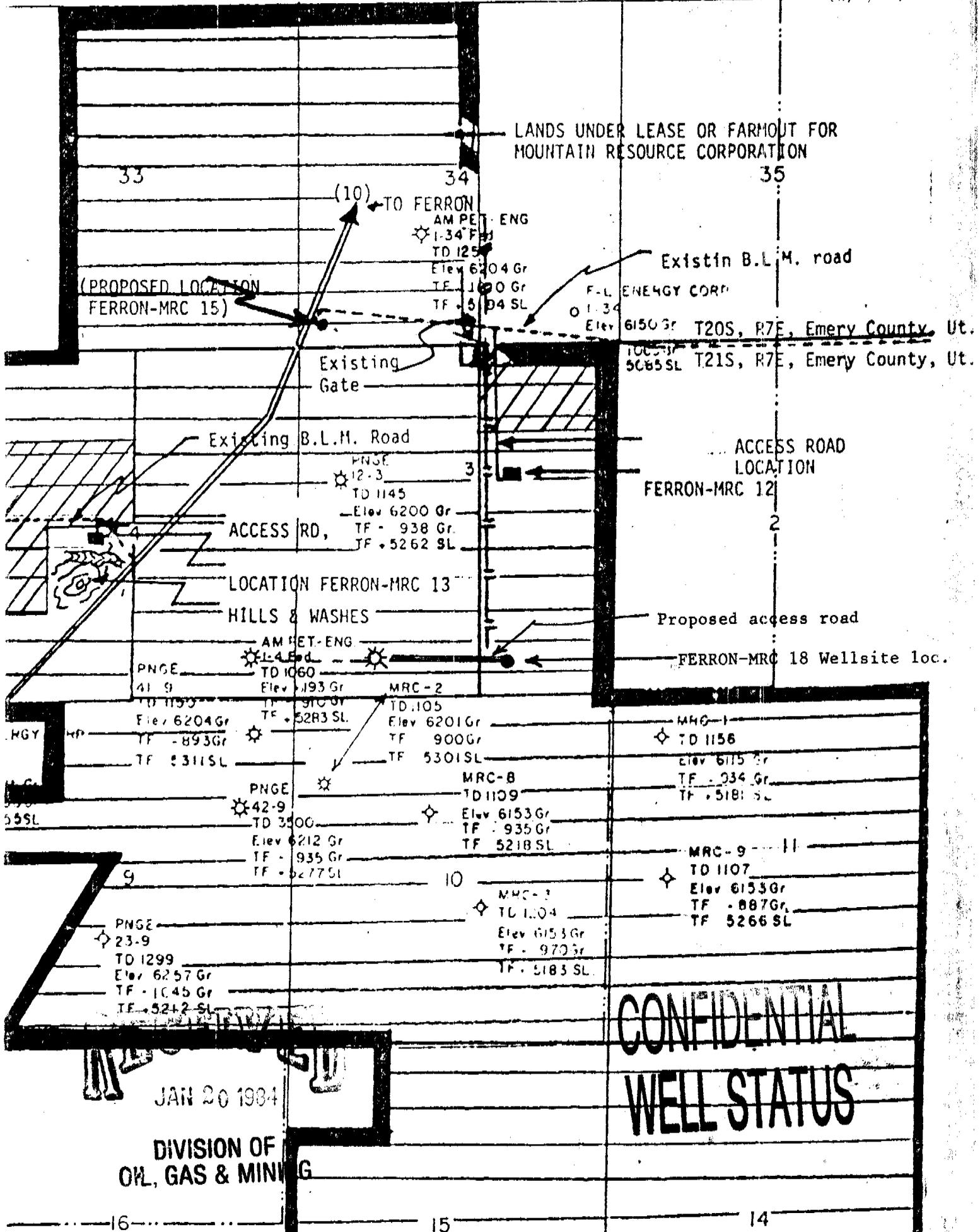
---	R/W Appln U-52072	—	EXISTING ACCESS ROAD
	Public Land	- - -	PROPOSED ADDITIONAL ACCESS ROAD
□	O & G Lease U-011246	●	FERRON-MRC 18 WELL SITE LOCATION
+	Well Site Ferron MRC-12		
⌵	FERRON-MRC 16 WELL		

Map Source: Salt Wash Unit Map  
Location: T21S, R7E SW1/4SE1/4 Section 3,  
SLB&M, Emery County, Utah

SITE PLOT

# MOUNTAIN RESOURCE CORPORATION

FIGURE 2-B  
 FERRON-MRC #18  
 LOCATION  
 (1/6/84)



LANDS UNDER LEASE OR FARMOUT FOR  
 MOUNTAIN RESOURCE CORPORATION

(PROPOSED LOCATION  
 FERRON-MRC 15)

Existin B.L.M. road

F.L ENERGY CORP

6150 Gr T20S, R7E, Emery County, Ut.

5085 SL T21S, R7E, Emery County, Ut.

ACCESS ROAD  
 LOCATION

FERRON-MRC 12

LOCATION FERRON-MRC 13

HILLS & WASHES

Proposed access road

FERRON-MRC 18 Wellsite loc.

AM PET-ENG  
 PNGE  
 TD 1150  
 Elev 6204 Gr  
 TF - 893 Gr  
 TF 5311 SL

MRC-2  
 TD 1105  
 Elev 6201 Gr  
 TF 900 Gr  
 TF 5301 SL

MRC-1  
 TD 1156  
 Elev 6115 Gr  
 TF - 934 Gr  
 TF 5181 SL

PNGE  
 TD 3500  
 Elev 6212 Gr  
 TF - 935 Gr  
 TF 5277 SL

MRC-8  
 TD 1109  
 Elev 6153 Gr  
 TF - 935 Gr  
 TF 5218 SL

MRC-9  
 TD 1107  
 Elev 6153 Gr  
 TF - 887 Gr  
 TF 5266 SL

PNGE  
 TD 1299  
 Elev 6257 Gr  
 TF - 1045 Gr  
 TF 5212 SL

MRC-3  
 TD 1104  
 Elev 6153 Gr  
 TF - 970 Gr  
 TF 5183 SL

**CONFIDENTIAL  
 WELL STATUS**

JAN 20 1984

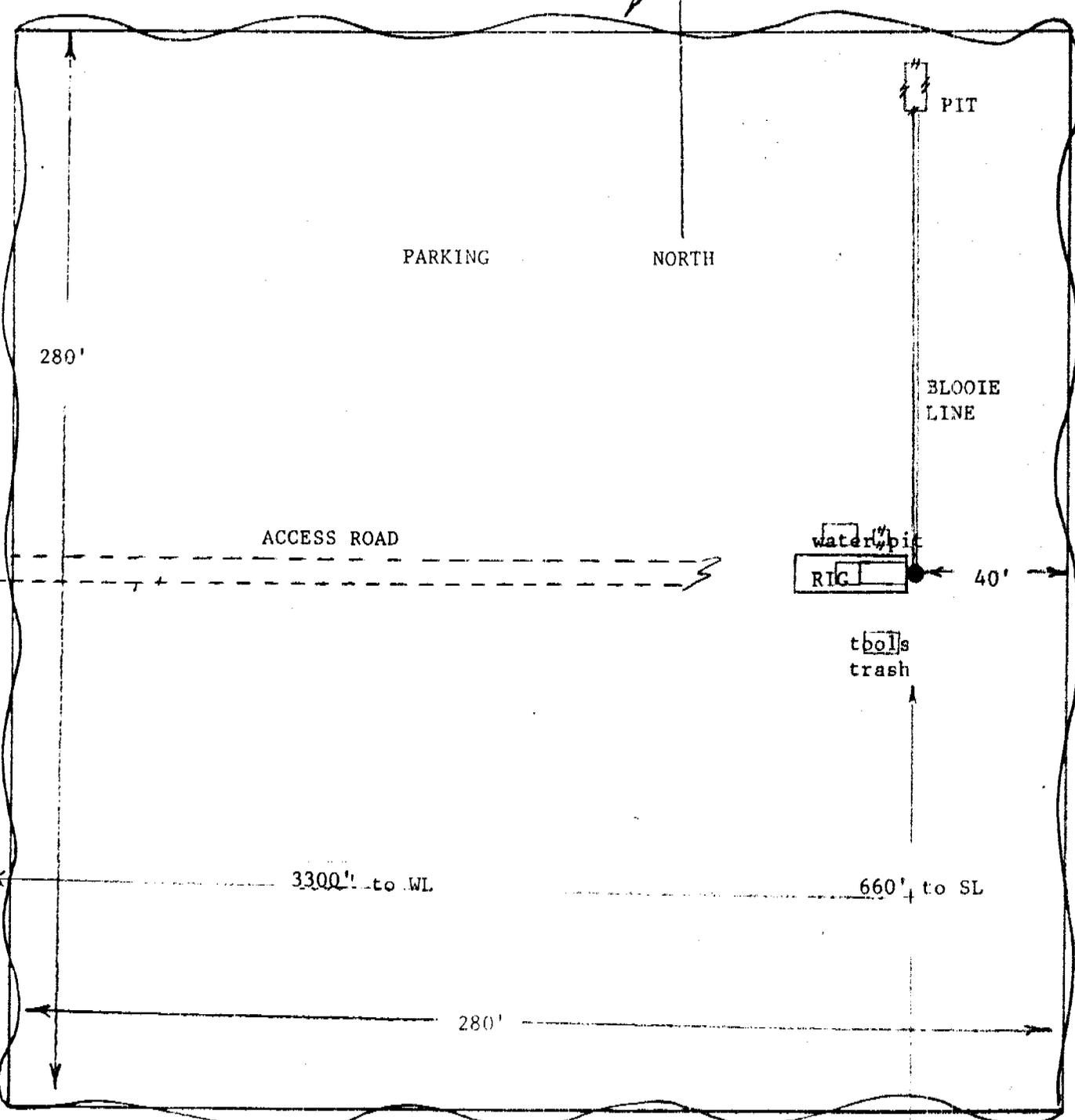
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 OIL, GAS & MINING

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FIGURE 3  
MOUNTAIN RESOURCE CORP.  
FERRON-MRC 18  
DRILLING PLAN



TOWNSHIP 21 SOUTH, RANGE 7 EAST, S.L.B.M.

IN THE SW1/4S E1/4 of Section 3

CONFIDENTIAL  
WELL STATUS

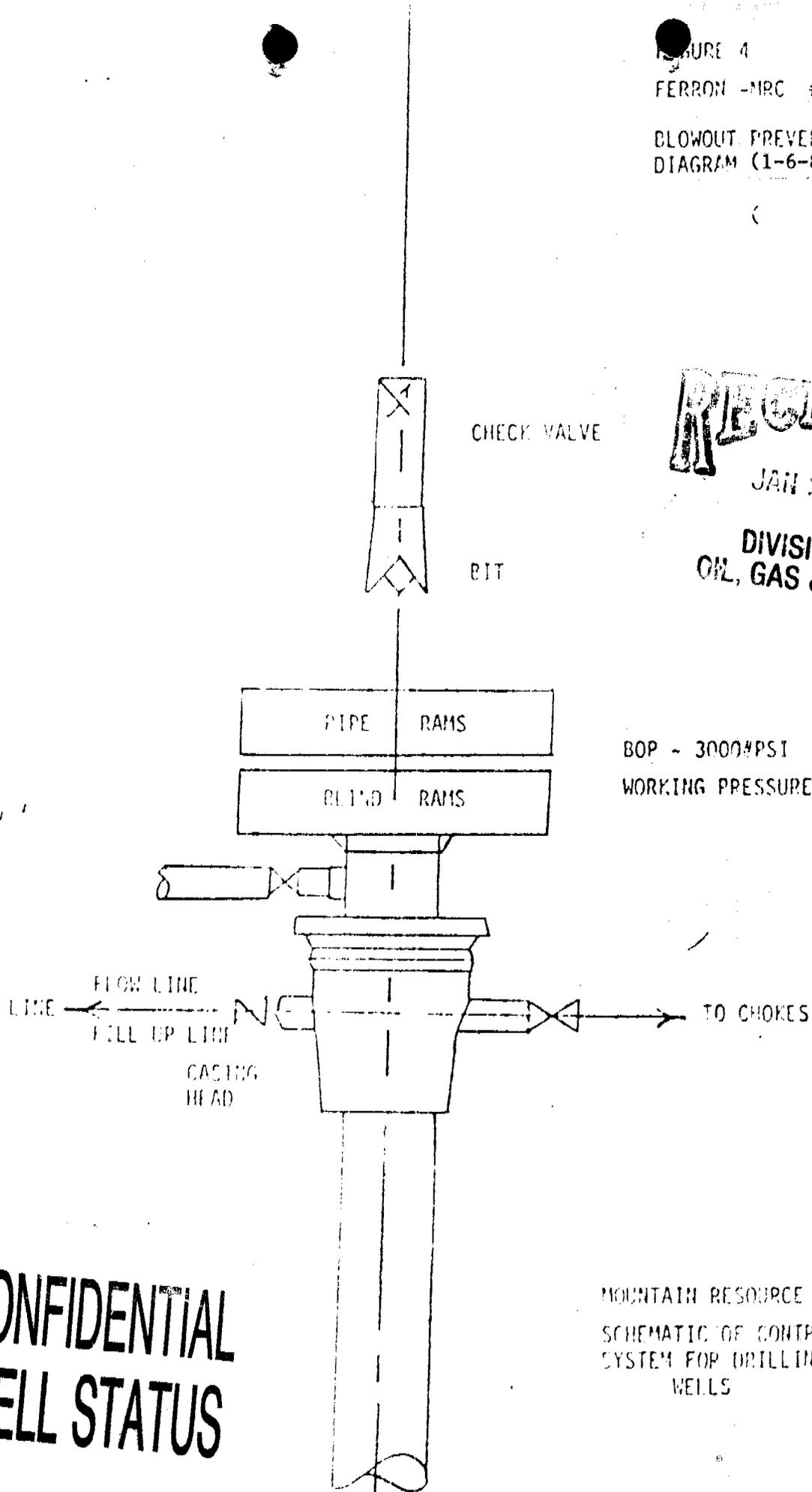
FIGURE 4

FERRON -NRC #18

BLOWOUT PREVENTER  
DIAGRAM (1-6-84)

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**CONFIDENTIAL  
WELL STATUS**

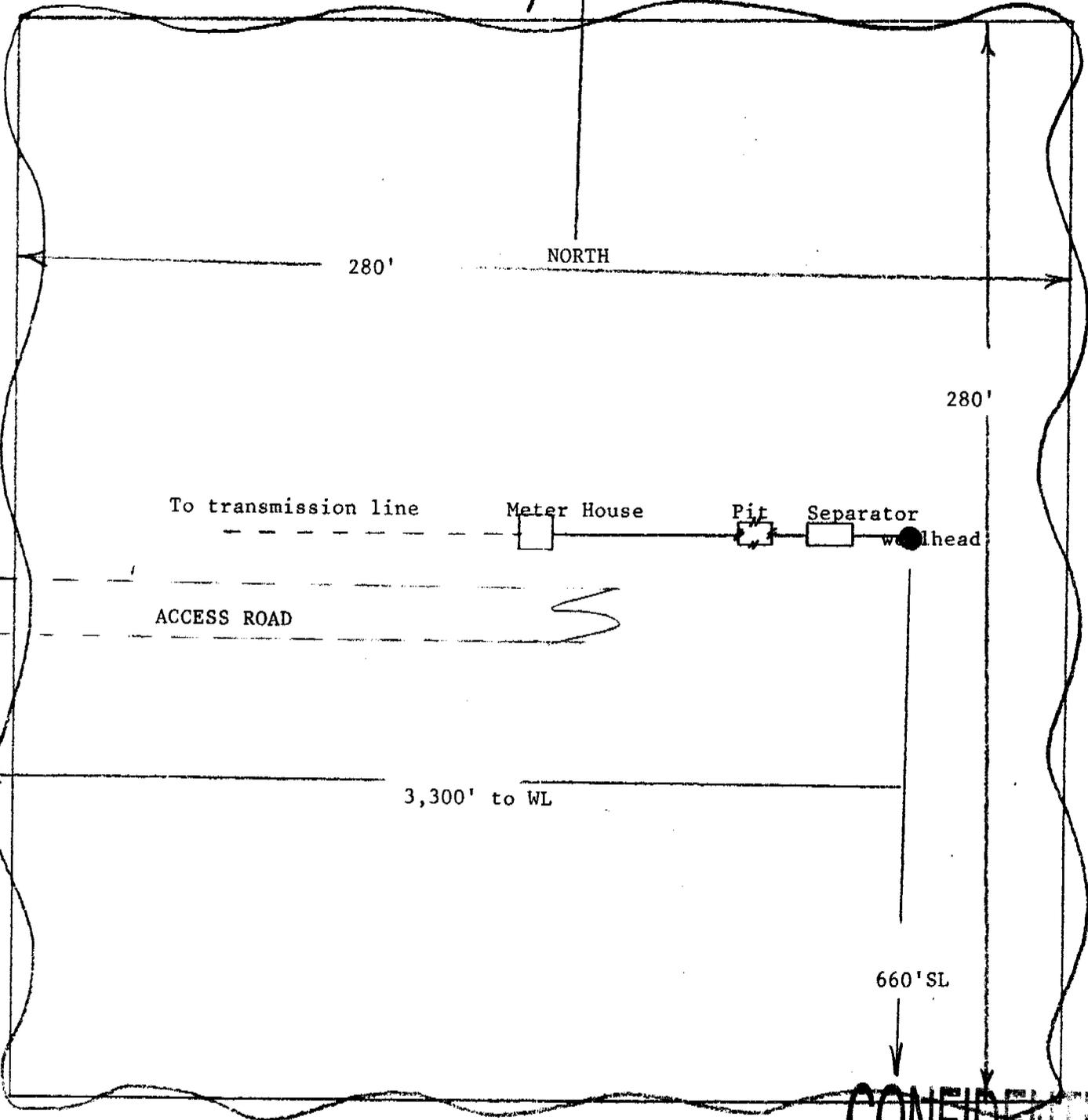
MOUNTAIN RESOURCE CORPORATION  
SCHEMATIC OF CONTROL  
SYSTEM FOR DRILLING  
WELLS

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JAN 20 1984

FIGURE 5  
MOUNTAIN RESOURCE CO  
FERRON-MRC 18  
PRODUCTION FACILITY  
(1/6/84)

DIVISION OF  
OIL, GAS & MINING



TOWNSHIP 21 SOUTH, RANGE 7 EAST, S.L.B & M  
SW1/4SE1/4 of Section 3

**CONFIDENTIAL**  
**WELL STATUS**

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
in and for the STATE OF UTAH

RECEIVED  
MOUNTAIN  
RESOURCE CORP.

IN THE MATTER OF THE APPLICATION )  
OF MOUNTAIN RESOURCE CORPORATION )  
FOR AN ORDER VACATING A PORTION )  
OF THE 320-ACRE DRILLING AND )  
SPACING UNITS ADOPTED IN CAUSE )  
NO. 7 AND ESTABLISHING 160-ACRE )  
DRILLING AND SPACING UNITS FOR )  
THE FERRON SANDSTONE, EMERY )  
COUNTY, UTAH )

ORDER.

Cause No. 7-11(A)

Pursuant to the application of Mountain Resource Corpora-  
tion, this cause came on for consideration by the Board of  
Oil, Gas and Mining on Friday, August 26, 1983, in the audi-  
torium of the Department of Natural Resources, 1636 West  
North Temple, Salt Lake City, Utah.

The following Board members were present and participated  
at the hearing:

Gregory P. Williams, Chairman  
Charles R. Henderson  
E. Steele McIntyre  
Constance K. Lundberg  
Richard B. Larson  
John M. Garr

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DIVISION OF  
OIL, GAS & MINING

Also present and participating in the hearing were:

Barbara Roberts, Esq., Assistant Attorney General  
Ron Firth, Chief Petroleum Engineer

Appearing on behalf of the applicant were its attorney, Robert G.  
Pruitt, Jr., Frederick G. Jaeger, President of Mountain Resource  
Corporation, and John B. Adamson, Consulting Geologist for  
Mountain Resource Corporation.

Also addressing the Board was Ruland D. Gill, Attorney for Mountain Fuel Supply Company, Celsius Corporation and Wexpro Corporation, who supported the application of Mountain Resource Corporation. A Letter was introduced supporting the application from F-L Energy Company.

#### FINDINGS OF FACT

The Board, having considered the testimony and evidence adduced, now makes and enters the following Findings of Fact:

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matter covered by said application and over all parties interested therein, and has jurisdiction to make and promulgate the Order hereinafter set forth.

3. The Board's Order in Cause No. 7, entered on December 13, 1957, established 320-acre drilling and spacing units for the Ferron sandstone member of the Mancos formation underlying certain lands in Townships 19, 20 and 21 South, Ranges 7 and 8 East, Emery County, Utah. Subsequent drilling and producing operations by the applicant and by others have made available additional information on the Ferron sandstone member and the gas reserves which it contains in the field.

4. Within Township 21 South, Range 7 East, there is a separate gas reservoir in the Ferron sandstone (herein

referred to as the "southern gas reservoir"), which cannot be effectively drained by 320-acre drilling and spacing units.

5. Gas production from the Ferron sandstone in the southern gas reservoir comes from shallow, low pressure wells which produce from small, discontinuous lenticular sands. The cost of drilling wells in the Ferron area is approximately \$25,000.00, before completion, so it is economical to drill infill wells to discover and produce additional gas reserves from this low pressure, shallow gas reservoir. The additional cost of completing a well is approximately \$50,000.00, bringing to a total of \$75,000.00 per well completed for gas production.

6. Unless additional infill drilling is permitted, known reserves of natural gas will not be recoverable from the Ferron sandstone which underlies Township 21 South, Range 7 East.

7. Information from drilling and production developed since 1957 indicates that the proper drilling and spacing for the southern gas reservoir, that is the portion lying under Township 21 South, Range 7 East, should be 160-acres, each consisting of the quarter section of the surveyed governmental sections, in order to more efficiently and economically recover said gas reserves.

#### ORDER

NOW, THEREFORE, the Board, in accordance with the testimony and exhibits received at the hearing, and in conformity with the Findings of Fact recited above, and being fully

advised in the premises, now makes and enters the following Order:

1. The Order is Cause No. 7, dated December 13, 1957, which establishes 320-acre drilling and spacing units for the Ferron sandstone, is hereby vacated with respect to the following listed lands:

Township 21 South, Range 7 East, SLM

Section 3: All  
Section 4: All  
Section 5: All  
Section 7: E $\frac{1}{2}$   
Section 8: All  
Section 9: All  
Section 10: All  
Section 16: All  
Section 17: All  
Section 18: E $\frac{1}{2}$

2. The lands listed immediately above are hereby spaced, on the basis of 160 acres, each unit to comprise a quarter section of each surveyed governmental section, for the drilling of gas wells in the Ferron sandstone member of the Mancos formation.

3. No wells shall be located closer than 660 feet from the boundary of the drilling and spacing unit, provided, however, that exception locations may be permitted by administrative approval for topographic considerations upon application of the operator.

4. All existing producing wells located within any newly established 160 acre drilling and spacing unit shall constitute the permitted well for such unit during the life of the well, and existing Declarations of Pooling for such

producing wells based upon the former 320-acre spacing shall not be disturbed by the action of this Board in vacating the Order in Cause No. 7 nor by the establishment of new 160-acre drilling and spacing units under this Order.

5. The Board retains continuing jurisdiction with respect to the parties and all matters covered by this Order.

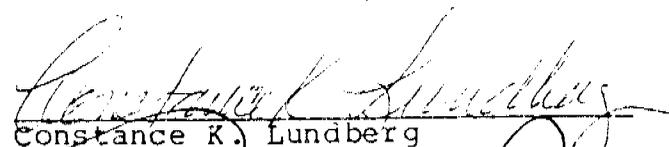
DATED this 26th day of August, 1983.

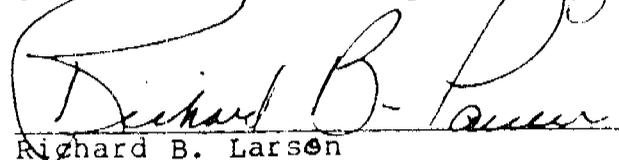
STATE OF UTAH BOARD OF OIL, GAS AND MINING

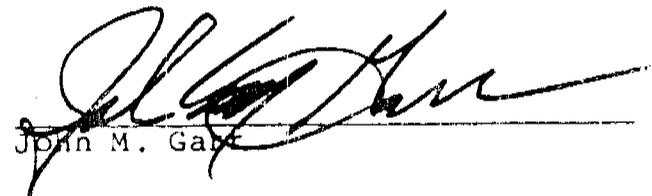
  
Gregory P. Williams, Chairman

  
Charles R. Henderson

  
E. Steele McIntyre

  
Constance K. Lundberg

  
Richard B. Larson

  
John M. Galt

APPLICATION NO. 83-95-22  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

RECEIVED  
DEC 28 1983

Salt Lake City, Utah December 19 1983  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)

of water, the right to the use of which was acquired by A-8793 (95-227)  
(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of  
facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Muddy Creek Irrigation Company
2. The name of the person making this application is Mountain Resource Corporation (for Max Ralphs)
3. The post office address of the applicant is P.O. Box 27444, Salt Lake City, Utah 84127

### PAST USE OF WATER

4. The flow of water which has been used in second feet is
5. The quantity of water which has been used in acre feet is 251 af
6. The water has been used each year from March 1 to December 1 incl.  
(Month) (Day) (Month) (Day)
7. The water has been stored each year from November 1 to May 1 incl.  
(Month) (Day) (Month) (Day)
8. The direct source of supply is Muddy Creek in Emery County.
9. The water has been diverted into North Fork Muddy Cr<sup>ditch</sup> at a point located North 2° 59' West  
14,893 feet from the SW corner Sec. 33, T20S, R4E, SLB&M
10. The water involved has been used for the following purpose: Supplemental irrigation of 2,516.5  
acres located within the area served by the distribution system of Muddy Creek  
Irrigation Company Total 2,516.4 acres

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is
12. The quantity of water to be changed in acre-feet is 2.0 af
13. The water will be diverted ~~in the~~ at the ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ ditch ~~at a point located~~ from a Regulating  
resevoir located in the SW1/4NW1/4 Section 9, T21S, R7E SLB&M located on land  
owned by Max H. Ralphs (see attached)
14. The change will be made from January 1 1984 to August 1 1984  
(Period must not exceed one year)
15. The reasons for the change are Water is needed to drill oil/gas wells named Ferron-MRC #15,  
#17, 18, 19, and 20 (see attached descirpitons for well locations.
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application  
(List years change has been made)
17. The water involved is to be used for the following purpose: see #15 above

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

Oil/Gas wells will be drilled with air. Water will be used for logging and completion  
of wells

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or ad-  
vertising this change, or both, upon the request of the State Engineer.

Max H. Ralphs  
Signature of Applicant  
Mountain Resource Corporation

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:
State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

- Change Application No. (River System)
1. N.A. Application received by Water Commissioner (Name of Commissioner)
Recommendation of Commissioner
2. 12/21/83 Application received over counter by mail in State Engineer's Office by D&B
3. 12/21/83 Fee for filing application, \$7.50 received by D&B; Rec. No. 04181
4. Application returned, with letter, to for correction.
5. Corrected application resubmitted over counter by mail to State Engineer's Office.
6. Fee for investigation requested \$
7. Fee for investigation \$, received by; Rec. No.
8. Investigation made by; Recommendations:
9. Fee for giving notice requested \$
10. Fee for giving notice \$, received by; Rec. No.
11. Application approved for advertising by publication mail by
12. Notice published in
13. Notice of pending change application mailed to interested parties by as follows:
14. Change application protested by (Date Received and Name)
15. Hearing set for at
16. 1-3-83 Application recommended for rejection approval by
17. 1-3-83 Change Application rejected approved and returned to Mtd. Resources Corp.

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

Mark P. Page, Civil Engineer
FOR State Engineer

**CONFIDENTIAL**

OPERATOR Mountain Resource Corp DATE 1-23-84

WELL NAME Perron - MRC #18

SEC SWSF 3 T 21S R 7E COUNTY Emery

43-015-30186  
API NUMBER

Fed.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	MAP	<input type="checkbox"/>	HL
<input type="checkbox"/>	NLD	<input type="checkbox"/>		<input type="checkbox"/>	PI

PROCESSING COMMENTS:

Water &  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHIEF PETROLEUM ENGINEER REVIEW:

1/24/84  
\_\_\_\_\_  
\_\_\_\_\_

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a 7-11A 8/26/83  
CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- AUTHENTICATE LEASE AND OPERATOR INFORMATION
- VERIFY ADEQUATE AND PROPER BONDING
- AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- APPLY SPACING CONSIDERATION
  - ORDER 7-11 # 8/26/83
  - UNIT \_\_\_\_\_
  - c-3-b
  - c-3-c
- CHECK DISTANCE TO NEAREST WELL.
- CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- VERIFY LEGAL AND SUFFICIENT DRILLING WATER

January 24, 1984

Mountain Resource Corporation  
P.O. Box 27444  
1800 South West Temple  
Salt Lake City, UT 84127

Re: Well No. Ferron-MRC #18  
SWSE Sec. 3, T. 21S, R. 7E  
660' FSL & 1980' FEL  
Emery County, Utah

Gentlemen:

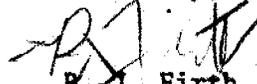
Approval to drill the above referenced gas well is hereby granted in accordance with Order of Cause No. 7-11A dated August 26, 1983.

The following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).

The API number assigned to this well is 43-015-30186.

Sincerely,



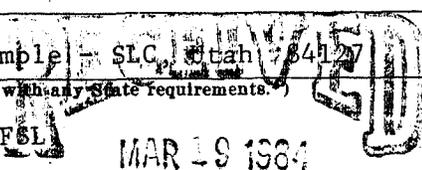
R. J. Firth  
Chief Petroleum Engineer

RJF/gl  
cc: Branck of Fluid Minerals  
Enclosures

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-011246
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR <b>Mountain Resource Corporation</b>		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR <b>P.O. Box 27444 - 1800 South West Temple - SLC, Utah 84127</b>		8. FARM OR LEASE NAME <b>Celsius-Mt. Resource</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>SW1/4SE1/4 Section 3 (1980' FEL, 660' FSL)</b> At proposed prod. zone		9. WELL NO. <b>Ferron-MRC #18</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <b>660 feet</b>		10. FIELD AND POOL, OR WILDCAT <b>Ferron Area</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>660 feet</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 3, T21S, R7E, SLM</b>
16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>2350 feet</b>		12. COUNTY OR PARISH <b>Emery</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160</b>		13. STATE <b>Utah</b>
18. PROPOSED DEPTH <b>1300 feet</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6154.72 GR</b>		22. APPROX. DATE WORK WILL START* <b>March 1984</b>



**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7 5/8"	20 lb/ft	100	Cement will be circulated to surface (250 sacks)
6 3/4"	4 1/2"	10.5 lb/ft	1200	

It is proposed to drill a geological test hole in the Mancos Shale to a depth of 300-400 feet in an attempt to evaluate the nature of the geological structure and production potential of the Ferron Sandstone which lie 600-700 deeper. Based on the positive results of this test hole, drilling will then be completed to sufficient depth to fully test and evaluate the Ferron Formation by drilling through the Ferron into the Tununk shale. Air will be used as the circulating medium. No coring is planned. The logs will be gamma ray-caliper, compensated neutron density and dual induction guard. All federal and state regulations will be adhered to.

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.

24. SIGNED *V. LeRoy Hansen* TITLE Vice President DATE 1/6/84  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY s/Kenneth V. Rhea TITLE Associate District Manager DATE 3/15/84  
 CONDITIONS OF APPROVAL, IF ANY:

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

**CONFIDENTIAL  
WELL STATUS**

CONDITIONS OF APPROVAL ATTACHED

Mountain Resource Corporation  
Well No. Ferron-MRC 18  
Section 3, T. 21 S., R. 7 E.  
Emery County, Utah  
Lease U-011246

Supplemental Stipulation:

1. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Ferron Sandstone member of the Mancos Shale formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Mountain Resource Corporation

Well No. Ferron-MRC #18

Location Section 3, T. 21 S., R. 7 E.

Lease No. U-011246

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

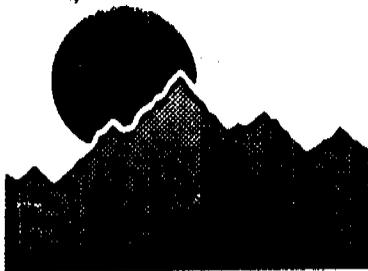
1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.



# MOUNTAIN RESOURCE CORPORATION

December 19, 1983

Attachment  
Form III 8-61-2M  
MOUNTAIN RESOURCE CORPORATION

ITEM #15

WELL NAME

Ferron-MRC #17  
Ferron-MRC #18  
Ferron-MRC #19  
Ferron-MRC #20

LOCATION IN T21S  
R7E, Emery, County, Utah

SE1/4 NE1/4 of Section 4  
SW1/4 SE1/4 of Section 3  
NW1/4 SW1/4 of Section 10  
NE1/4 SE1/4 of Section 9

LOCATION IN T20S  
R7E, Emery County, Utah

Ferron - MRS #15

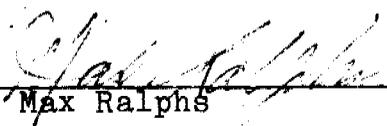
SW $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 34

Max Ralphs  
P. O. Box 340  
Ferron, Utah 84523

**TO WHOM IT MAY CONCERN:**

I MAX RALPHS hereby certify that I own Forty-Seven and one half (47 1/2) shares in the MUDDY CREEK IRRIGATION CO. and that I have reached an agreement to sell water to Mountain Resource Corporation to be used in their oil and gas drilling activities for the Ferron-MRC #17, <sup>15, 17A</sup> 18, 19, and 20 Wells in Emery County, Utah.

Dated this 23 day of December, 1983

  
\_\_\_\_\_  
Max Ralphs

RECEIVED

NOV 14 1983

MOUNTAIN  
RESOURCE CORP.

Scott Christiansen  
Secretary of the  
Muddy Creek Irrigation Co.  
P.O. Box 634  
Emery, Utah 84522

**TO WHOM IT MAY CONCERN:**

I hereby verify and certify that according to the official records of the MUDDY CREEK IRRIGATION COMPANY, Max Ralphs of Perron, Utah is the owner of Forty-seven and one-half (47 1/2) shares in the MUDDY CREEK IRRIGATION COMPANY.

DATED this 10<sup>th</sup> day of November, 1983.

  
\_\_\_\_\_  
Scott Christiansen, Secretary  
Muddy Creek Irrigation Co.

Walter  
K  
as

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

NAME OF COMPANY: MOUNTAIN RESOURCES CORPORATION

WELL NAME: FERRON MRC-18

SECTION SWSE 3 TOWNSHIP 21S RANGE 7E COUNTY EMERY

DRILLING CONTRACTOR FRONTIER

RIG # 3

SPUDDED: DATE 4-11-84

TIME 10:00 AM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Roy Hansen

TELEPHONE # 487-1773

DATE 4-12-84 SIGNED AS

GEOLOGICAL WELL REPORT  
PREPARED FOR

MOUNTAIN RESOURCE CORPORATION

CONFIDENTIAL  
WELL STATUS

FERRON - MRC # 18  
SE $\frac{1}{4}$ , Section 3, T 21 S, R 7 E  
Emery County, Utah

PREPARED BY:

JOHN D. ADAMSON  
3098 Metropolitan Way  
Salt Lake City, Utah 84109

30 April 1984

WELL: FERRON - MRC #18  
OPERATOR: Mountain Resources Corporation  
DRILLING CONTRACTOR: Frontier Drilling, Inc.  
LOCATION: SW $\frac{1}{4}$ SE $\frac{1}{4}$ , section 3, Township 21 South, Range 7 East  
COUNTY: Emery  
STATE: Utah  
ELEVATION: K.B. 6155', G.L. 6155'  
COMMENCED DRILLING: April 24, 1984  
CEASED DRILLING: April 26, 1984  
CASING RECORD: 7" surface casing at 160'  
TOTAL DEPTH: 1100'  
DRILLING SUPERVISOR: Fred Jaeger, Roy Hansen  
CORES: None  
DRILL STEM TESTS: None  
LOGS: Welex - Vernal, Utah  
Engineer- Kraft  
Dual Induction Guard Log  
Compensated Density Neutron  
Computer Analysed Log  
Geologist Sample Log  
840' to 1100' @ 10' Intervals  
(Quality of samples - good)  
HOLE DIFFICULTIES: Dog Leg Below Surface Casing  
HOLE DEVIATION: None Reported  
HOLE SIZE: 9 5/8 surface to approximately 350'  
6 $\frac{1}{2}$ " to T.D.  
STATUS: Set casing and cement, attempt completion

## INTRODUCTION

The FERRON - MRC #18 well was drilled approximately  $\frac{1}{2}$  mile east of the Ferron - MRC #16 gas well. Production associated with the Ferron Sandstone lies in a stratigraphic-structural trap and field development has been initiated by Mountain Resource Corporation. I arrived on location before, the top of the Ferron Sandstone member and logged 10' samples from 840' to T.D. All samples were examined by a binocular microscope and checked for fluorescence.

## STRUCTURE

Surface maps and well control indicate an anticline trending north-south for approximately  $6\frac{1}{2}$  miles. The high structural positions have produced gas and the FERRON - MRC #18 well lies on the east flank of the anticline some 80' lower than the Ferron - MRC #16 producer.

## STRATIGRAPHY

Drilling began in the Cretaceous mancos Shale Formation. Bentonite reported at 846' and sandstone reported at 850'-860' indicates the top of the Ferron Sandstone Member which was drilled to a total depth of 1100'. The sandstones, siltstones, coals and shales encountered represented a paleo deltaic shoreline environment. Facies changes occur from well to well.

## OIL & GAS SHOWS

The first hydrocarbon show was reported as a gas flare from the flow line during the 900' drill pipe connection. Drilling continued with a flare until the hole was mudded up for logging. The Compensated Density Neutron Log recorded "cross-overs" indicating potential gas zones. Fluorescence and cut were found in samples but the potential is questionable.

## CONCLUSION

Examination of the logs, gas shows while drilling, and structural position indicate a potential for gas production. Casing has been set to total depth and a completion attempt will be made.

WELL DATA

SYSTEM

FORMATION

DEPTH

Cretaceous

Mancos

Blue Gate Shale Member

Ferron Sandstone Member

Surface

851'

TOTAL DEPTH 1100'

## SAMPLE DESCRIPTION

### DEPTH (IN FEET)

- 840-850 SHALE, dark gray, soft, fissile, calcareous, no fluorescence, BENTONITE, white, soft
- 850-860 SHALE, medium dark gray, hard and soft, fissile, calcareous, SILTSTONE, medium gray, soft, calcareous, trace SANDSTONE, medium light gray, very fine grained, subangular, moderately sorted, loose grains, no fluorescence, trace BENTONITE, white, soft
- 860-870 SANDSTONE, medium light gray, very fine grained to silt, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, no fluorescence, SHALE, medium dark gray, soft, fissile, calcareous
- 870-880 SANDSTONE, as above, SHALE, as above
- 880-890 SANDSTONE, medium light gray, fine grained to silt, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, no fluorescence, SHALE, as above
- 890-900 SANDSTONE, light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, trace iron stain, no fluorescence, trace SHALE, as above
- 900-910 SANDSTONE, light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, clean, slightly calcareous, trace black mineral, trace iron stain, trace mica, no fluorescence
- 910-920 SANDSTONE, light gray, fine to medium grained, sub-rounded and sub-angular, poorly sorted, loose grains, clean, slightly calcareous, trace black mineral, trace iron stain, no fluorescence, trace COAL, black, hard, blocky
- 920-930 SANDSTONE, light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, trace iron stain, trace glauconite, no fluorescence

- 930-940 SANDSTONE, as above, no fluorescence, trace COAL, black, hard, blocky
- 940-950 SANDSTONE, medium light gray, very fine to medium grained, sub-rounded, poorly sorted, predominantly loose grains, cemented grains have brown oil stain, yellow fluorescence, streaming cut, calcareous, trace black mineral, trace iron stain, trace pyrite, SHALE, medium dark gray, hard, fissile, calcareous, trace coal, black, hard, blocky
- 950-960 COAL, black, hard, blocky, SHALE, as above, SILTSTONE, medium light gray, hard, calcareous, no fluorescence, SANDSTONE, medium light gray, very fine grained, sub-rounded, moderately sorted, loose grains, calcareous, no fluorescence
- 960-970 COAL, as above, SANDSTONE, medium gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, trace iron stain, trace pyrite, no fluorescence, trace SHALE, medium dark gray, hard, fissile, no fluorescence
- 970-980 SANDSTONE, light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, clean, calcareous, trace black mineral trace iron stain, trace mica, trace glauconite, trace dull yellow fluorescence, residual cut
- 980-990 SANDSTONE, as above, no fluorescence, trace SHALE, medium dark gray, hard, fissile, no fluorescence
- 990-1000 SANDSTONE, medium dark gray, very fine grained, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, trace iron stain, no fluorescence, SHALE, as above
- 1000-1010 SANDSTONE, medium light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, trace iron stain, no fluorescence, SHALE, medium dark gray, soft, fissile, calcareous, no fluorescence
- 1010-1020 NO SAMPLE
- 1020-1030 SANDSTONE, very light gray, very fine to fine grained, sub-rounded, poorly sorted, loose grains, clean, calcareous, trace black mineral, trace iron stain, no fluorescence

1030-1040 SANDSTONE, light gray, very fine to fine grained,  
sub-rounded, poorly sorted, loose grains,  
calcareous, trace black mineral, trace iron stain,  
dull yellow fluorescence, very weak residual cut,  
trace SHALE, medium dark gray, hard fissile,  
calcareous, no fluorescence

1040-1050 SANDSTONE, medium light gray, very fine grained to  
silt, sub-rounded, poorly sorted, loose grains,  
calcareous, trace black mineral, trace iron stain,  
dull yellow fluorescence, residual cut, SHALE,  
medium dark gray, soft, fissile, calcareous, no  
fluorescence

1050-1060 SANDSTONE, as above, no fluorescence, SHALE, as  
above

1060-1070 SHALE, medium dark gray, soft, fissile, calcareous,  
no fluorescence, trace SANDSTONE, as above, no  
fluorescence

1070-1080 POOR SAMPLE, SHALE, as above

1080-1100 POOR SAMPLES, SHALE, as above

-----TOTAL DEPTH 1100'-----

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R-111

**15**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND SERIAL NO.

U-011246

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Celsius-Mountain Resource

9. WELL NO.

Ferron-MRC #18

10. FIELD AND POOL, OR WILDCAT

Ferron Area

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

Sec 3, T21S, R7E, SLM

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  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444 - SLC, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface SW1/4SE1/4 Sec 3 (1980' FEL, 660' FSL)

At top prod. interval reported below same as above

At total depth same as above

14. PERMIT NO. 43-015-30186      DATE ISSUED 1/24/84

12. COUNTY OR PARISH Emery      13. STATE Utah

15. DATE SPUNDED 4/11/84      16. DATE T.D. REACHED 4/26/84      17. DATE COMPL. (Ready to prod.) 4-26-84      18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6154.72 GR      19. ELEV. CASINGHEAD 6154 ft

20. TOTAL DEPTH, MD & TVD 1100 ft      21. PLUG, BACK T.D., MD & TVD N/A      22. IF MULTIPLE COMPL., HOW MANY\* N/A      23. INTERVALS DRILLED BY →      ROTARY TOOLS 1100-ft      CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
974-944 ft; 984-990 ft; ferron Sandstone

25. WAS DIRECTIONAL SURVEY MADE  
no

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction Guard, Compensated Neutron, Micro-Seismogram *Cal*

27. WAS WELL CORED  
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7" Ø	20 lbs/ft	160 ft	9 1/2"	46 Sax to surface	none
4 1/2" Ø	10.5 lbs/ft	1081 ft	6 1/2"	45 sax - 300' below surface	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" Ø	974 ft	none

31. PERFORATION RECORD (Interval, size and number)  
974-977 ft; 0.440" (120° phasing)  
984-990 ft; 4 shots per foot

32. ACID, SHOT, TEMPERATURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL (MD) \_\_\_\_\_

**CONFIDENTIAL  
WELL STATUS**

33.\* PRODUCTION

DATE FIRST PRODUCTION 5/6/84      PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) flowing      WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
5/6/84	12 hours	1/2"	→	---	---	10 bbls	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
22 lbs	53 lbs	→	---	189	20 bbls	---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
shut-in waiting on pipeline hookup

TEST WITNESSED BY Gary Knight  
Roy Hansen

35. LIST OF ATTACHMENTS  
Logs, Geological well report

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

SIGNED *V. LeRoy Hansen*      TITLE Vice President      DATE 5/24/84

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



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444 - Salt Lake City, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW1/4SE1/4 Sec 3 (1980' Fe1, 660' SFL)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-011246

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Celsius-Mountain Resource

9. WELL NO.  
Ferron-MRC #18

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 3, T21S, R7E, SLM

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30186

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

Awaiting Pipeline Connection

**CONFIDENTIAL  
WELL STATUS**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED V. LeRoy Hansen TITLE Vice President DATE 6/15/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

(FORM 9-329)  
(2/76)

OMB 42-RO 356

**MONTHLY REPORT  
OF  
OPERATIONS**

Lease No. U-011246  
 Communitization Agreement No. N/A  
 Field Name Ferron Field  
 Unit Name Emery Area; Utah-Case #7  
 Participating Area Unit #40 - 320 Acres  
 County Emery State Utah  
 Operator Mountain Resource Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 1984.

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & % of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Ferron-MRC #18	Sec 3 SW1/4SE1/4	T21S	R7E	GSI	0	---	0	0	awaiting pipeline connection

*CONFIDENTIAL*

\*If none, so state.

**DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)**

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: PO Box 27444, SLC, Utah 84127  
 Title: Vice President Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ proposals)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444 - Salt Lake City, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW1/4SE1/4 Sec 3 (1980' Fe1, 660' SFL)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-011246

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Celsius-Mountain Resource

9. WELL NO.  
Ferron-MRC #18

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 3, T21S, R7E, SLM

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30186

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

Awaiting Pipeline Connection

**CONFIDENTIAL WELL STATUS**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED V. Leroy Hansen TITLE Vice President DATE 7/26/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for well proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444 - Salt Lake City, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW1/4SE1/4 Sec 3 (1980' Fe1, 660' SFL)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-011246

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Celsius-Mountain Resource

9. WELL NO.  
Ferron-MRC #18

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 3, T21S, R7E, SLM

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30186

15. ELEVATIONS (SHOW DF, KDB, AND WD)

**CONFIDENTIAL**  
(NOTE: Report results of multiple completion or zone change on Form 9-331.)  
**WELL STATUS**

17. 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.)\*

- 8/27/84 Awaiting Pipeline Connection
- 7/18/84 Treated perforated zone (974-978 ft) with 5,000 scf N<sub>2</sub> pad, 4bbls 7.5% HCL acid, 4bbls 12.5% HCL + 13% HF acid (co-mingled with 300 scf/bbl Nitrogen pad); followed with 1200 scf Nitrogen - unloaded well.
- 8/2/84 Treated perforated zones (974'-977' and 984'-990') with 200 gallons methonal pad, 43 bbls of Aquatrol treatment followed with 33.24 bbls 2% KCL - shut in
- 8/3/84 Unloaded well.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED: V. LeRoy Hansen TITLE Vice President DATE 8/27/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444 - Salt Lake City, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW1/4SE1/4 Sec. 3 (1980' Fel, 660'  
AT TOP PROD. INTERVAL: SFL)  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE  
U-011246

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Celsius-Mountain Resource

9. WELL NO.  
Ferron-MRC #18

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 3, T21S, R7E, SLM

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30186

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6154

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

- A. Awaiting Pipeline Connection
- B. Site security plan (attached)

**CONFIDENTIAL  
WELL STATUS**

**RECEIVED**  
SEP 25 1984  
DIVISION OF OIL  
GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED V. LeRoy Hansen TITLE Vice President DATE 9/25/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for well proposals.)

1. oil well  gas well  other  JAN 16 1985

2. NAME OF OPERATOR  
Mountain Resource Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 27444, SLC, Utah 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 3 (1980' FEL., 660'  
AT TOP PROD. INTERVAL: FSL)  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
0-011246

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Celsius-Mountain Resource

9. WELL NO.  
Ferron-MRC #18

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 3 T21S, R7E, S1M

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30186

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6154

15

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>PRODUCTION STATUS AND NTL-2B</u>	

**CONFIDENTIAL**  
(NOTE: See results of multiple completion for zone change on Form 9-330.)  
**WELL STATUS**

17. 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.)\*

- I. Ferron-MRC #18 put to production 1/1/85.
- II. Disposal of produced water (NTL-2B)
  - A. Approval is requested for disposal into an unlined pit.
  - B. The volume of produced water from this well is .25 bbls/day = **90 bbls/yr.**
    - 1. Quantity per day (average) is approximately 10 gallons. Source is the Ferron Sands at a depth of 970 - 1000 feet.
    - 2. Topographic map and pit dimensions provided with site security plan.
    - 3. Evaporation rate: Annual = 25" per year - (8" rainfall) = 17" x (144" x 144") pit size = 352,512 cubic inches per year = **36 bbls/year.**
    - 4. Estimated percolation rate = 5 bbls/day = **1,800 bbls/yr.**
    - 5. Ferron Sandstone at 900 - 1100 ft. is the only known source of water and is the source from which the well is producing water.
    - 6. Surface is two to four feet fill; then Manchos Shale from bottom of fill to the top of the Ferron formation 900 feet deep. There are no growing crops in the area.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED V. LeRoy Hanson TITLE Vice President DATE January 7, 1985  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**ACCEPTED**  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**  
DATE: 1/23/85  
BY: John R. Bays

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-011246  
Communitization Agreement No. N/A  
Field Name Ferron Area  
Unit Name Emery Area; Utah Case #7; Unit #40  
Participating Area Unit #40 - 320 Acres  
County Emery State Utah  
Operator Mountain Resource Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 1984.

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Ferron-MRC #18	Sec. 3 SW4SE4	T21S	R7E	GWI	0	0	0	0	

CONFIDENTIAL  
WELL STATUS

RECEIVED  
JAN 08 1985  
DIVISION OF  
OIL, GAS & MINING

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	--	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	--	0	0
*Sold	--	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	--	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	--	0	XXXXXXXXXXXXXXXXXX
*Injected	--	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	--	0	0
*On hand, End of Month	--	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	--	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]  
Title: Vice President

Address: P.O. Box 27444, S.I.C., Ut. 84127



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. ● (801-538-5340)

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

● MOUNTAIN RESOURCE CORP  
P O BOX 27444  
SALT LAKE CITY UT 84127  
ATTN: LEROY HANSEN

Utah Account No. N7130

Report Period (Month/Year) 5 / 87

Amended Report

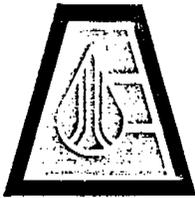
Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
X	FERRON MRC #12						
	4301530154	08224 21S 07E 3	FRSD				
X	FERRON MRC #16						
	4301530182	08225 21S 07E 3	FRSD				
X	FERRON MRC #18						
	4301530186	08226 21S 07E 3	FRSD				
X	FERRON MRC #17						
	4301530185	08227 21S 07E 4	FRSD				
X	FERRON MRC #2						
	4301530107	08228 21S 07E 10	FRSD				
X	FERRON MRC #19						
	4301530190	08229 21S 07E 10	FRSD				
X	FERRON MRC #20						
	4301530189	08230 21S 07E 9	FRSD				
X	FERRON-MRC #22						
	4301530209	10050 20S 07E 22	FRSD				
X	FERRON-MRC #27						
	4301530216	10051 20S 07E 22	FRSD				
X	FERRON-MRC #21						
	4301530208	10052 21S 07E 10	FRSD				
<b>TOTAL</b>							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

072828



# QUESTAR ENERGY COMPANY

A SUBSIDIARY OF  
MOUNTAIN FUEL RESOURCES, INC.

18185

79 SOUTH STATE STREET • P.O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400

RECEIVED  
JUL 17 1987  
MOUNTAIN  
RESOURCE CORP.

July 15, 1987

RECEIVED  
JUL 27 1987

DIVISION OF  
OIL, GAS & MINING

Utah Natural Resources  
Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Gentlemen:

Re: Ferron Field  
Emery County, Utah

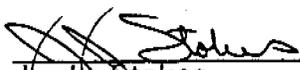
Please be advised that effective April 1, 1987, Questar Energy Company acquired Mountain Resource Corporation's interest in the Ferron Field Wells under the Agreement of Sale and Purchase dated June 9, 1987. This sale included the productive MRC Wells Nos. 2, 16, 18, 19, 20, 21, 22, and 27, and the non-productive MRC Wells Nos. 12 and 17. Questar Energy Company took over physical operation of the wells in June 1987.

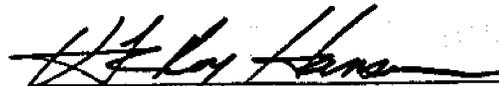
Any correspondence regarding these wells after April 1, 1987, should be directed to Questar Energy Company. If you require further information, please contact Mr. Jeff Stokes of Questar Energy Company at 530-2019.

Sincerely,

Questar Energy Company

Mountain Resource Corporation

  
J. J. Stokes  
Director, Gas Acquisition

  
V. LeRoy Hansen  
Vice President

JJS/ao

RECEIVED  
JUL 21 1987  
GAS CONTRACTS

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

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-011246

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

---

7. UNIT AGREEMENT NAME

---

8. FARM OR LEASE NAME

Ferron

9. WELL NO.

MRC #18

10. FIELD AND POOL, OR WILDCAT

Ferron Field

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

Sec. 3, T21S, R7E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

14. PERMIT NO.

API 43 015 30186

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) CHANGE OF OPERATOR

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

17. 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.)\*

Questar Energy Company has merged with an affiliated company (Universal Resources Corporation) and requests that BLM files and records be changed to reflect the following change of operator:

UNIVERSAL RESOURCES CORPORATION  
P. O. Box 11070  
Salt Lake City, UT 84147  
(801) 530-2600

Universal Resources Corporation will be responsible under the terms and conditions of this lease for the operations conducted on the leased lands or portions thereof under BLM Bond No. ES 0019.

Effective date should be January 1, 1991.

**RECEIVED**  
MAR 04 1991

DIVISION OF  
OIL, GAS & MINING

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

SIGNED

*M. B. McGinley*

TITLE

M. B. McGinley

Vice President - Marketing

DATE

3/1/91

(This space for Federal or State office use)

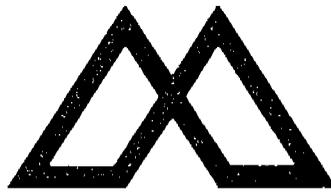
APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



**FRED A. MORETON & COMPANY**

INSURANCE — SURETY BONDS — EMPLOYEE BENEFITS

May 10, 1991

RECEIVED

MAY 23 1991

Utah State Division of  
Oil Gas & Mining  
355 West North Temple  
Three Triad Center, Suite 350  
Salt Lake City, Utah 84180

DIVISION OF  
OIL GAS & MINING

RE: Wexpro Co., Celsius Energy Co. & Questar Energy Co.  
\$80,000 Blanket Oil & Gas Well Drilling Bond  
Bond SL6255033

Gentlemen:

Enclosed is a rider on the captioned bond changing Questar Energy Company to Universal Resources Corporation as Questar Energy merged into Universal Resources January 31, 1990. (copy of merger enclosed). Please attach the rider to the bond on file.

If there are any problems with the rider, please contact our office direct.

Sincerely,

Sharron Rushton  
cc: Garry Liston  
Wexpro Co. et al

P.S. Please forward acknowledgment of acceptance to our office at the address below.

RECEIVED

MAY 16 1991

QUESTAR CORPORATION  
LEGAL DEPT. SALT LAKE



Assurex  
INTERNATIONAL

649 EAST SOUTH TEMPLE, P.O. BOX 58139, SALT LAKE CITY, UTAH 84158-0139

Telephone: (801) 531-1234 • Easylink: (USA) 62879947 • TWX: (Internat'l.) 5101004903 • Fax: (801) 531-6117



# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

UNIVERSAL RESOURCES CORPORATION

The undersigned, as Secretary of State of the State of Texas, hereby certifies that Articles of Merger of

QUESTAR ENERGY, INC.  
(A UTAH NO PERMIT CORPORATION)

INTO

UNIVERSAL RESOURCES CORPORATION  
(A TEXAS CORPORATION)

duly signed pursuant to the provisions of the Texas Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY, the undersigned, as such Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger and attaches hereto a copy of the Articles of Merger.

Dated JANUARY 31, 1990

Effective date JANUARY 31, 1990



*Gary S Bayouche Jr.*  
Secretary of State



**FIREMAN'S FUND**  
INSURANCE COMPANIES

RIDER

To be attached to and form part of Bond No. SL6255033 (Oil & Gas Well Drilling Bond)  
in favor of State of Utah

It is agreed that:

1. The Underwriter gives its consent to the change of the Name or Principal Address of the Insured from  
Wexpro Company and Celsius Energy Company and Questar Energy Company

to  
Wexpro Company and Celsius Energy Company and Universal Resources Corporation

PROVIDED, however, that the liability of the Underwriter under the attached bond and under the attached bond as changed by this rider shall not be cumulative.

2. This rider is effective as of noon on June 25, 1991

Names of Old Insureds:

Wexpro Company

The American Insurance Company

BY: [Signature]  
title [Signature]

[Signature]  
Authorized Agent  
Gary W. Manville Attorney-in-Fact.

Celsius Energy Company

New Names of Insureds:

By: [Signature]  
title [Signature]

Wexpro Company title [Signature]

Questar Energy Company by Universal Resources Corp.

BY: [Signature]

By: [Signature]  
title [Signature]

Celsius Energy Company title [Signature]

BY: [Signature]  
title

Universal Resources Corporation

BY: [Signature]  
title [Signature]

CHANGE OF NAME OR ADDRESS RIDER. For use with all forms of standard bonds, consent to the change in name or address of the insured. Revised to May, 1957. SR 5151a-5-66

AFFIDAVIT OF QUALIFICATION  
FOR SURETY COMPANIES

STATE OF UTAH }  
COUNTY OF SALT LAKE } SS

..... Gary W. Manville ..... BEING FIRST DULY SWORN, ON OATH DE-  
POSES AND SAYS THAT HE IS THE ATTORNEY-IN-FACT OF SAID COMPANY,  
(OFFICER OR AGENT)  
AND THAT HE IS DULY AUTHORIZED TO EXECUTE AND DELIVER THE  
FOREGOING OBLIGATIONS: THAT SAID COMPANY IS AUTHORIZED TO EXE-  
CUTE THE SAME AND HAS COMPLIED IN ALL RESPECTS WITH THE LAWS OF  
UTAH IN REFERENCE TO BECOMING SOLE SURETY UPON BONDS, UNDER-  
TAKINGS AND OBLIGATIONS.

SUBSCRIBED AND SWORN TO BE-  
FORE ME, THIS 25th DAY OF  
June, A.D., 19 91

*Sharron Rushton*  
.....  
(SIGNATURE OF NOTARY PUBLIC)

(SEAL) Sharron Rushton  
MY COMMISSION EXPIRES:

July 1, 1991

649 East South Temple  
Salt Lake City, Utah 84102

*Gary W. Manville*  
.....  
(SIGNATURE OF OFFICER OR AGENT)

649 East South Temple  
Salt Lake City, Utah 84102

.....  
(RESIDENCE)

(SURETY SEAL)

(THIS FORM REQUIRED TO BE FILLED  
OUT BY SECTION 31-24-3, UCA 1953)

Routing:	
1-ICR	<input checked="" type="checkbox"/>
2-DTS	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-LCR	<input checked="" type="checkbox"/>

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: 1-1-91)

TO (new operator)	<u>UNIVERSAL RESOURCES CORP.</u>	FROM (former operator)	<u>QUESTAR ENERGY COMPANY</u>
(address)	<u>P. O. BOX 11070</u>	(address)	<u>P. O. BOX 11070</u>
	<u>SALT LAKE CITY, UT 84147</u>		<u>SALT LAKE CITY, UT 84147</u>
	<u>M. B. MCGINLEY</u>		<u>M. B. MCGINLEY</u>
	<u>phone (801) 530-2600</u>		<u>phone (801) 530-2019</u>
	<u>account no. N7500 (Added 6-26-91)</u>		<u>account no. N 8185</u>

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

Name: <u>FERRON MRC #16/FRSD</u>	API: <u>4301530182</u>	Entity: <u>8225</u>	Sec <u>3</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>U-011246</u>
Name: <u>FERRON MRC #18/FRSD</u>	API: <u>4301530186</u>	Entity: <u>8226</u>	Sec <u>3</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>U-011246</u>
Name: <u>FERRON MRC #22/FRSD</u>	API: <u>4301530209</u>	Entity: <u>10050</u>	Sec <u>22</u> Twp <u>20S</u> Rng <u>7E</u>	Lease Type: <u>ML-4643</u>
Name: <u>FERRON MRC #20/FRSD</u>	API: <u>4301530189</u>	Entity: <u>8230</u>	Sec <u>9</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>FEE</u>
Name: <u>FERRON MRC #27/FRSD</u>	API: <u>4301530216</u>	Entity: <u>10051</u>	Sec <u>22</u> Twp <u>20S</u> Rng <u>7E</u>	Lease Type: <u>FEE</u>
Name: <u>FERRON MRC #2/FRSD</u>	API: <u>4301530107</u>	Entity: <u>8228</u>	Sec <u>10</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>FEE</u>
Name: <u>FERRON MRC #21/FRSD</u>	API: <u>4301530208</u>	Entity: <u>10052</u>	Sec <u>10</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>FEE</u>
Name: <u>FERRON MRC #19/FRSD</u>	API: <u>4301530190</u>	Entity: <u>8229</u>	Sec <u>10</u> Twp <u>21S</u> Rng <u>7E</u>	Lease Type: <u>FEE</u>

\*\*QUESTAR ENERGY & UNIVERSAL RESOURCES/ONE IN THE SAME CO.

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (3-4-91)(5-23-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (3-4-91)(5-23-91)
- 3 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) yes If yes, show company file number: #070436.
- 4 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 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-2-91)
- 6 6. Cardex file has been updated for each well listed above.
- 7 7. Well file labels have been updated for each well listed above.
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 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).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *Bond rider received 5-23-91 "Questar to Universal Resources Corp. eff. 6-25-91."*
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) No. Today's date \_\_\_\_\_ 19\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_.

LEASE 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 7/8/91 1991, 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.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: July 10 1991.

FILED

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

- 910306 m.B. McKinley / Universal & Questar - Co. Name is Universal Resources Inc. not Corp. Also, requested letter from DOBM, stating bond rider is required to use current bond.
- 910311 Btm / moab Have received doc. "unsure if it is a opn. chg. or merger". Will call when approved.
- 910523 Bond rider received "Universal Resources Corporation" eff. 6-25-91.
- 910702 Btm / moab still Questar. Btm / S.Y. Approved merger eff. 4-2-91.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
**UT0011246**

**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

6. If Indian, Allottee or Tribe Name  
**NA**

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation  
**NA**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**Ferron MRC 18**

2. Name of Operator  
**CELSIUS ENERGY COMPANY**

9. API Well No.  
**43-015-30286 30186**

3. Address and Telephone No.  
**1331 17th Street, Suite 800, Denver, CO 80202 303-672-6970**

10. Field and Pool, or Exploratory Area  
**Ferron**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SWSE Section 3, T21S, R7E**

11. County or Parish, State  
**Emery, UT**

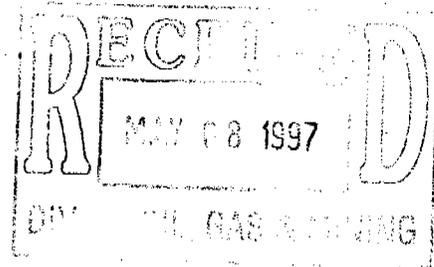
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 type="checkbox"/> Other
	<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.)

Please be advised that effective January 1, 1997, Celsius Energy Company has assumed operatorship of the Ferron MRC 18 well from Universal Resources Corporation. Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Fireman's Fund under Nationwide Bond No. SL6308873. Celsius will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.



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

Supervisor Administration

April 14, 1997

Signed [Signature]

Title \_\_\_\_\_

Date \_\_\_\_\_

(This space for Federal or State office use)

Approved by /s/ Brad D. Palmer

Title Assistant Field Manager,

Date MAY 2 1997

Conditions of approval, if any:

**CONDITIONS OF APPROVAL ATTACHED**

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.

Celsius Energy Company  
Well No. Ferron MRC 18  
SWSE Sec. 3, T. 21 S., R. 7 E.  
Emery County, Utah

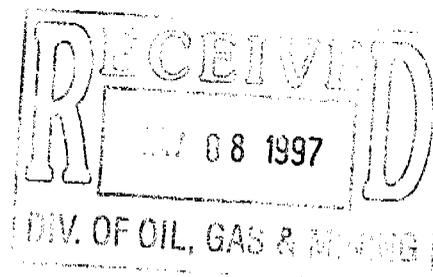
**CONDITIONS OF APPROVAL**

Approval of this application 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.

Be advised that Celsius Energy Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased land.

Bond coverage for this well is provided by BLM Bond ES0019 (Principle - Celsius Energy Company) as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.





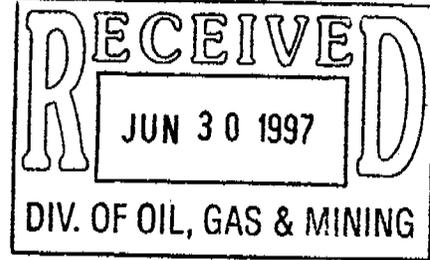
# QUESTAR ENERGY COMPANY

Division of Universal Resources Corporation

1331 SEVENTEENTH STREET, SUITE 300 • DENVER, COLORADO 80202 • PHONE (303) 672-6960 • FAX (303) 672-6990

June 16, 1997

Leesha Cordova  
Utah Division of Oil, Gas & Mining  
355 West North Temple, Suite 350  
Salt Lake City, UT 84180-1203



Dear Ms. Cordova:

As we discussed the other day, Universal Resources Corporation has resigned as operator of the following wells:

<u>Well</u>	<u>Location</u>	<u>API #</u>
✓ Singleton Fee 23-14	Section 14, T20S, R7E	43-015-15668
✓ Ralph's Fee 41-9	Section 9, T21S, R7E	43-015-15667
✓ Behling Fee 41-22	Section 22, T20S, R7E	43-015-15663
Government 1-4	Section 4, T21S, R7E	43-015-15666
Ferron Unit 12-3	Section 3, T21S, R7E	43-015-15665
✓ SE Flank 1-28	Section 28, T15S, R22E	43-047-30126
Ferron MRC 16	Section 3, T21S, R7E	43-015-30182
✓ Ferron MRC 18	Section 3, T21S, R7E	43-015-30186
✓ Ferron MRC 19	Section 10, T21S, R7E	43-015-30190
✓ Ferron MRC 20	Section 9, T21S, R7E	43-015-30189
Ferron MRC 22	Section 22, T20S, R7E	43-015-30209
✓ Ferron MRC 27	Section 22, T20S, R7E	43-015-30216
✓ Ferron MRC 21	Section 10, T21S, R7E	43-015-30208
Conover State 1-22	Section 22, T20S, R7E	43-015-15669

Celsius Energy Company will be taking over operations of the wells effective January 1, 1997. If you have any questions, please call me at 303-672-6970.

Sincerely,

*Jane Seiler*  
Jane Seiler  
Administrative Supervisor  
JS/mrr

**OPERATOR CHANGE WORKSHEET**

Routing:	
1-MEC	6-VAC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD 2-7-97	9-FILE
5-JRB 7/8	

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: 1-1-97

<b>TO:</b> (new operator)	<u>CELSIUS ENERGY COMPANY</u>	<b>FROM:</b> (old operator)	<u>UNIVERSAL RESOURCES CORP.</u>
(address)	<u>1331 17TH ST STE 800</u>	(address)	<u>1331 17TH ST STE 800</u>
	<u>DENVER CO 80202-1559</u>		<u>DENVER CO 80202-1558</u>
	<u>JANE SEILER</u>		<u>JANE SEILER</u>
Phone:	<u>(303) 296-8945</u>	Phone:	<u>(303) 296-8945</u>
Account no.	<u>N4850</u>	Account no.	<u>N7500</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-015-30186</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 5-6-97) (Reg. 5-12-97) (Rec'd 6-30-97)
- Sec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 4-25-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Sec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (7-1-97)
- Sec 6. **Cardex** file has been updated for each well listed above. (7-1-97)
- Sec 7. Well **file labels** have been updated for each well listed above. (7-1-97)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (7-1-97)
- Sec 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. (7-1-97)

**ENTITY REVIEW**

- Yes 1. (r649-8-7) 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. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)** Surety # SL6255033 \$80,000 Firemans Fund Ins. Co.

- Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.  
(Mt. Fuel, Wexpro, Celsius & Universal Res.)
- \_\_\_ 2. A copy of this form has been placed in the new and former operator's bond files. \* Upon Compl. of routing.
- Yes 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date 5-12-97. If yes, division response was made to this request by letter dated \_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- Yes 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 7/3 1997, of their responsibility to notify all interest owners of this change.

**FILMING**

- Yes 1. All attachments to this form have been microfilmed. Today's date: 7-9-97.

**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 are now being filed in the Operator Change file.

**COMMENTS**

970701 Bfm / aprv. 1-28 5-12-97, #18 5-2-97

\* CA & State Lease wells not aprv. yet. (Separate Change)

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

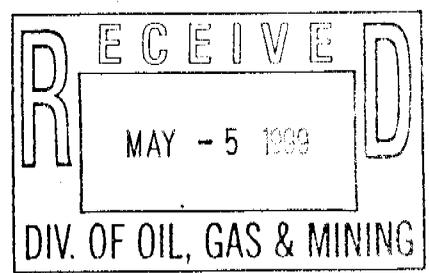
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <b>08226 U-011246</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Ferron MRC</b></p> <p>9. WELL NO. <b>18</b></p> <p>10. FIELD AND FOOT, OR WILDCAT <b>Ferron</b></p> <p>11. SEC., T., S., W., OR S.E. AND SURVEY OR ABA <b>3-T21S-R7E</b></p> <p>12. COUNTY OR PARISH <b>Emery</b></p> <p>13. STATE <b>UT</b></p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p>	<p>2. NAME OF OPERATOR <b>QUESTAR EXPLORATION AND PRODUCTION COMPANY</b></p>	
<p>3. ADDRESS OF OPERATOR <b>1331 - 17th Street, Suite 800, Denver, CO 80202</b></p>		
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		
<p>14. PERMIT NO. <b>4301530186</b></p>	<p>15. ELEVATIONS (Show whether OP, RT, OR, etc.)</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR NAME</u> <input checked="" type="checkbox"/>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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 April 1, 1999, Celsius Energy Company has merged into Questar Exploration and Production Company. Merger documentation and bond information will be filed with the Utah Division of Oil, Gas & Mining by Questar Corporate offices. Questar Exploration and Production will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice as of April 1, 1999.



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

SIGNED *[Signature]* **Seiler** TITLE Admin. Supervisor DATE 4-12-99

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



# 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:  
3106  
SL-026100A  
(UT-932)

**JUN 29 1999**

### NOTICE

Questar Exploration and Production Co.  
1331 Seventeenth Street, Suite 800  
Denver, CO 80202

Oil and Gas

Merger Recognized  
Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Celsius Energy Company into Questar Exploration and Production Company with Questar Exploration Company being the surviving entity.

Acceptable evidence has been received in this office concerning the change of name of Universal Resources Corporation to Questar Exploration and Production Company on Federal oil and gas leases.

For our purposes the merger is recognized effective April 9, 1999, and the name change is recognized effective March 26, 1999.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Questar Exploration and Production Company. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Celsius and Universal are automatically changed to Questar Exploration and Production Company. Nationwide bond ES 0019 is providing coverage for Questar Exploration and Production Company.

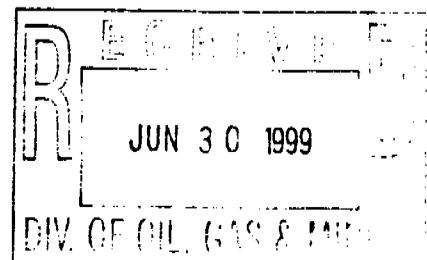
**/s/ Robert Lopez**

Robert Lopez  
Group Leader,  
Minerals Adjudication Group

#### Enclosures

1. Universal Exhibit of Leases
2. Celsius Exhibit of Leases

cc: Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)



**OPERATOR CHANGE WORKSHEET**

1- <del>CDW</del>	4-KAS ✓
2-CDW ✓	5-SJ
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (Well Sold)                       Designation of Agent  
 Operator Name Change Only                       Merger

The operator of the well(s) listed below has changed, effective: 4-1-99

**TO:(New Operator)** QUESTAR EXPL & PROD CO.  
 Address: 1331 17<sup>TH</sup> ST., STE 800  
           DENVER, CO 80202-1559  
           JANE SEILER  
 Phone: 1-(303)-672-6900  
 Account No. N5085

**FROM:(Old Operator)** CELSIUS ENERGY CO  
 Address: 1331 17<sup>TH</sup> ST., STE 800  
           DENVER, CO 80202-1559  
           JANE SEILER  
 Phone: 1-(303)-672-6900  
 Account No. N4850

WELL(S):	CA Nos.	or	Unit
Name: <u>FERRON MRC 18</u>	API: <u>43-015-30186</u>	Entity: <u>8226</u>	<u>S 03 T 21S R 07E Lease: U-11246</u>
Name: <u>SE FLANK UINTAH 1-28</u>	API: <u>43-047-30126</u>	Entity: <u>6121</u>	<u>S 28 T 15S R 22E Lease: U-149536</u>
Name: <u>SQUAWS CROSSING FED 1-5</u>	API: <u>43-047-31405</u>	Entity: <u>1463</u>	<u>S 05 T 09S R 18E Lease: U-52757</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.  
YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 5-5-99.  
YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 5-5-99.  
YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is 091212. If no, Division letter was mailed to the new operator on \_\_\_\_\_.  
YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the **merger**, name change or operator change for all wells listed above involving Federal or Indian leases on 4-9-99.  
N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.  
N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.

N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-21-00.

YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-21-00.

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### STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

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### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_, (see bond file).

N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.

N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.

N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

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### FILMING

\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 3-26-01.

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### FILING

\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.

\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <del>08226</del> <u>UTU-011246</u>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
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: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: MRC 18	
2. NAME OF OPERATOR: Coastal Plains Energy, Inc.		9. API NUMBER: 43-015-30186
3. ADDRESS OF OPERATOR: 420 Throckmorton, Ste 630 CITY Fort Worth STATE TX ZIP 76102-3723	PHONE NUMBER: 817 882-9055	10. FIELD AND POOL, OR WILDCAT: Ferron
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,980' FEL, 660' FSL		COUNTY: Emery
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE Section 3, T21S, R7E		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 checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<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 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 checked="" 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.

Please be advised that Coastal Plains Energy, Inc. intends to add additional pay in the Ferron reservoir. The proposed perforations, 896'-928', will be acidized and flow tested. If needed, the zone will be fracture stimulated. Finally, the current perforations, 974'-990', will be commingled with the proposed perforations.

**RECEIVED**  
NOV 14 2002  
DIVISION OF  
OIL, GAS AND MINING

COPY SENT TO OPERATOR  
Date: 11-18-02  
Initials: CHD

NAME (PLEASE PRINT) Fred N. Reynolds TITLE Petroleum Engineer  
SIGNATURE Fred N. Reynolds DATE 11/11/02

(This space for State use only)

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

Federal Approval Of This  
Action Is Necessary

Date: 11/18/2002  
By: D. R. Dent (See Instructions on Reverse Side)

(5/2000)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-011246**

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

7. UNIT or CA AGREEMENT NAME:  
**N/A**

8. WELL NAME and NUMBER:  
**Ferron MRC 18**

9. API NUMBER:  
**43-015-30186**

10. FIELD AND POOL, OR WILDCAT:  
**Ferron**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**Coastal Plains Energy, Inc.**

3. ADDRESS OF OPERATOR: **420 Throckmorton, Ste 630, Ft Worth, TX 76102-3723** PHONE NUMBER: **817 882-9055**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **1,980' FEL, 660' FSL**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SW/SE Section 3, T21S, R7E**

COUNTY: **Emery**  
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 (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>01/22/03</b>	<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 checked="" 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.

**12/17/02 Pulled tubing. Loaded hole. Set RBP @ 960'. Perforated Upper Ferron 896'-918'.**

**12/18/02 Acidized perforations: 896'-918' w/500 gals 7 1/2% acid.**

**01/14/03 Frac perforations: 896'-918' w/26,770 gals 70 Q foam & 34,400 lbs 20/40 sand. Flow frac back.**

**01/22/03 Pulled RBP & commingled Middle Ferron perforations: 974'-990' w/Upper Ferron perforations: 896'-918'. Turn to sales line.**

NAME (PLEASE PRINT) **Fred N. Reynolds** TITLE **Petroleum Engineer**

SIGNATURE *Fred N. Reynolds* DATE **04/15/03**

(This space for State use only)

RECEIVED  
APR 21 2003  
DIV. OF OIL, GAS & MINING