

MOUNTAIN RESOURCE CORPORATION

P. O. BOX 27444 - SALT LAKE CITY, UTAH 84127

January 25, 1983

RECEIVED
JAN 26 1983

Mr. Norman C. Stout
Administrative Assistant
State of Utah Natural Resources
and Energy Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Case # 7-7
Hearing Expense - 2-14-83

**DIVISION OF
OIL, GAS & MINING**

RE: Well No. Ferron-MRC 12
SW1/4NE1/4 Sec. 3 & Well
No. Ferron-MRC 13 SE1/4
NW1/4 Sec. 4, T21S, R.7E
Emery County, Utah

Dear Mr. Stout:

Based on our meeting with you and Mr. Firth we are providing, as attachments, the information required for publishing notice to all interested parties of our intention to drill the above two referenced wells.

As you and Mr. Firth suggested, we understand that both of these matters can be handled by a notice and if no one objects we would obtain administrative approval to proceed.

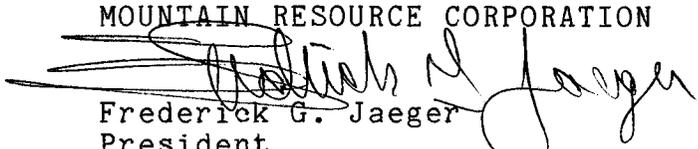
Also included, for your information and use, is our rationale for requesting these location changes. Prior to approval we will provide letters from Celsius Energy Company supporting these requests and showing that we are the designated operator.

I appreciate the time you spent with us and the help given, particularly since we are under time commitments to begin drilling to maintain our farmout agreement.

If you have any questions or require additional information please call me at any time on 487-1773.

Sincerely,

MOUNTAIN RESOURCE CORPORATION


Frederick G. Jaeger
President

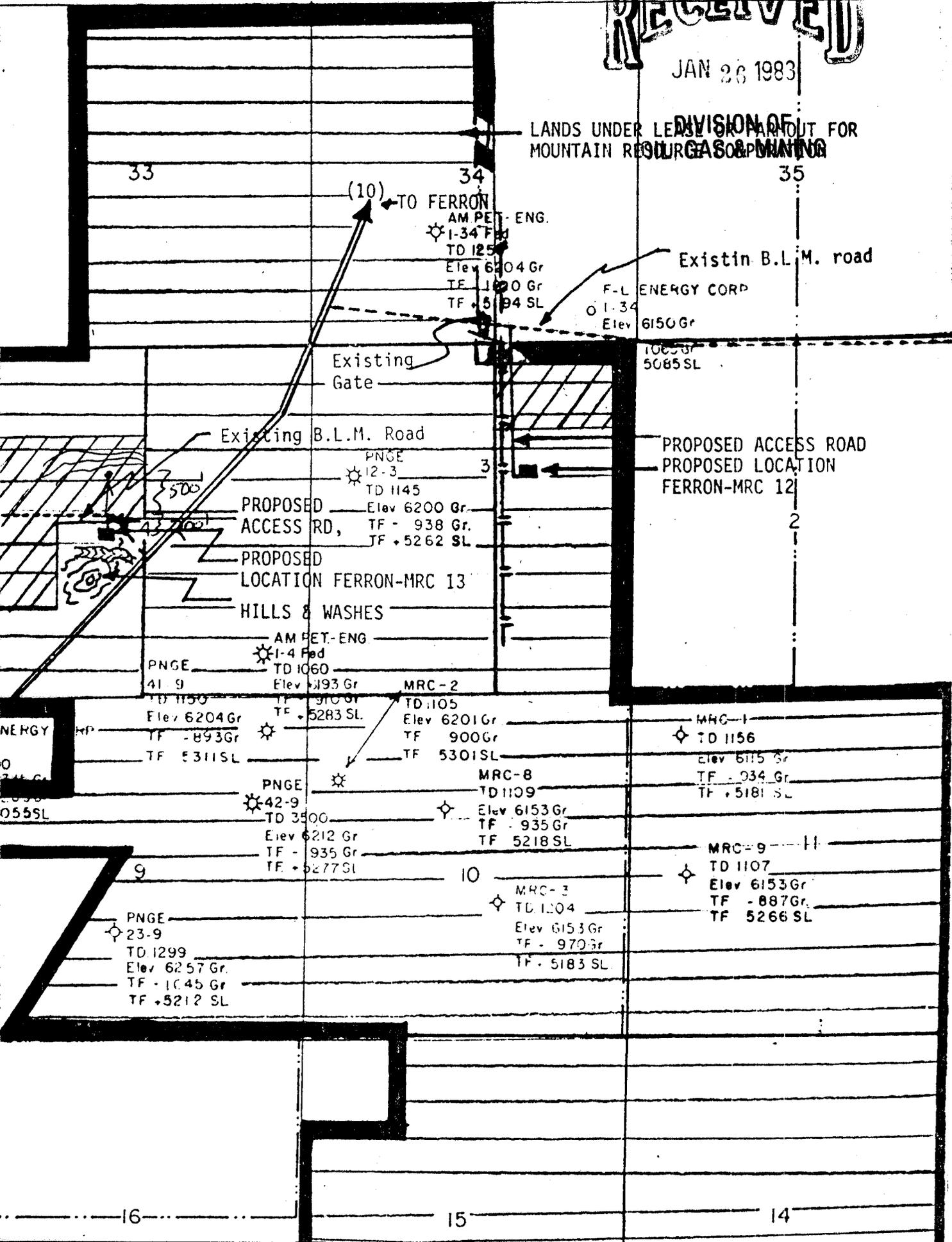
FGJ/lt
attachments

MOUNTAIN RESOURCE CORPORATION

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LANDS UNDER LEASE OR PARTOUT FOR
MOUNTAIN RESOURCE CORPORATION
DIVISION OF
OIL, GAS & MINING



33

34

35

(10) TO FERRON

AM PET- ENG.
 ⚙ 1-34 Fed
 TD 125
 Elev 6204 Gr
 TF 120 Gr
 TF 534 SL

Existin B.L.M. road

F-L ENERGY CORP
 ⚙ 1-34
 Elev 6150 Gr

Existing Gate

1085 Gr
 5085 SL

Existing B.L.M. Road

PNGE
 ⚙ 12-3
 TD 1145
 Elev 6200 Gr
 TF - 938 Gr
 TF + 5262 SL

PROPOSED ACCESS ROAD
 PROPOSED LOCATION
 FERRON-MRC 12

PROPOSED
 ACCESS RD,
 PROPOSED
 LOCATION FERRON-MRC 13
 HILLS & WASHES

2

AM PET- ENG.
 ⚙ 1-4 Fed
 TD 1060
 Elev 6193 Gr
 TF 910 Gr
 TF + 5283 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
 ⚙ 42-9
 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
 ⚙ 23-9
 TD 1299
 Elev 6257 Gr
 TF - 1045 Gr
 TF + 5212 SL

MRC-3
 TD 1204
 Elev 6153 Gr
 TF - 970 Gr
 TF - 5183 SL

16

15

14

RECEIVED

JAN 26 1983

APPLICATION OF MOUNTAIN RESOURCE CORPORATION
FOR AUTHORITY TO DRILL AN OFF PATTERN WELL
IN THE FERRON AREA IN EMERY COUNTY, UTAH

DIVISION OF
OIL, GAS & MINING

A P P L I C A T I O N

The Applicant, MOUNTAIN RESOURCE CORPORATION, a Utah Corporation, alleges as follows, to-wit:

1. That the Commission by order dated December 13, 1957, (Cause No. 7) established 320 acre spacing and drilling units in the Ferron Area for the production of oil and gas from the Ferron sandstone, member of the Mancos formation underlying among other lands the E1/2 of Section 3, Township 21 South, Range 7 East, Emery County, Utah: by the terms of said order the permitted well location for drilling unit #40, just described, is to be located in the NE1/4 of the NE1/4.

2. That the Commission by the same order designated a well location for drilling unit #35, to be located in the NE1/4NE1/4 of Section 34, Township 21 South, Range 7 East, Emery County, Utah and that the Commission has allowed an exception to such order by permitting the drilling of a well in unit #35 in the SE1/4SE1/4 of said Section 34.

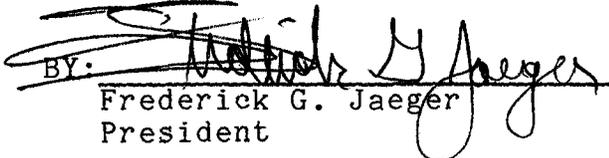
3. That because of the existing wellsite proximity created by the exception already granted in Section 34 (unit #35) and geological considerations, the Applicant feels it should be allowed to change the location of drilling unit #40 to the SW1/4NE1/4 of Section 3, Township 21 South, Range 7 East, Emery County, Utah.

4. Applicant alleges and believes that there is not sufficient pay at the permitted location to make a commercial oil and gas well. Based on geological information developed, Applicant believes that a well drilled in the SW1/4NE1/4 of Section 3 will have sufficient pay to make a commercial well.

5. That the Applicant has a valid Farmout Agreement for all properties in Section 3, Township 21 South, Range 7 East, Emery County, Utah, and that moving the location of unit #40 to the requested location would effect only the Applicant and Celsius Energy Company, the holder of valid and subsisting leases for said Section 3, who supports this application.

WHEREFORE, Applicant prays that notice be given of said application as required by law and that if no interested party objects within a reasonable time period that Applicant be granted permission and authority to drill a well in the SW1/4NE1/4 of Section 3, Township 21 South, Range 7 East, Emery County, Utah, not less than 500 feet from any property or lease line or governmental section line; and for such other and further relief to which Applicant may be entitled.

MOUNTAIN RESOURCE CORPORATION

BY: 
Frederick G. Jaeger
President

MOUNTAIN RESOURCE CORPORATION
P.O. BOX 27444
SALT LAKE CITY, UTAH 84127
(801) 487-1773

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JAN 26 1983

APPLICATION OF MOUNTAIN RESOURCE CORPORATION
FOR AUTHORITY TO DRILL AN OFF PATTERN WELL
IN THE FERRON AREA IN EMERY COUNTY, UTAH.

DIVISION OF
OIL, GAS & MINING

A P P L I C A T I O N

The Applicant, MOUNTAIN RESOURCE CORPORATION, a Utah Corporation, alleges as follows, to-wit:

1. That the Commission by order dated December 13, 1957, (Cause No. 7) established 320 acre spacing and drilling units in the Ferron Area for the production of oil and gas from the Ferron sandstone member of the Mancos formation underlying among other lands the W1/2 of Section 4, Township 21 South, Range 7 East, Emery County, Utah: by the terms of said order the permitted well location for drilling unit #43, just described, is to be located in the NE1/4 of the SW1/4.

2. That upon field inspection, the Applicant has determined that due to topographical reasons and access problems said well cannot be conveniently located in the designated quarter-quarter subdivision and also not be closer than 500 feet from the exterior lines of the legal quarter-quarter subdivision within the unit.

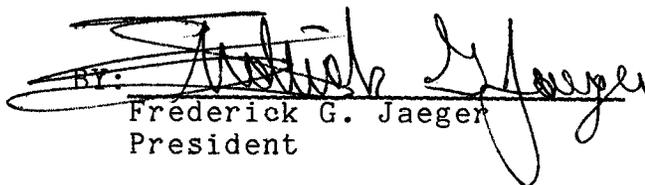
3. That Applicant desires an exception to locate said well for drilling unit #43 in the SE1/4 of the NW1/4 of said Section 4 not closer than 500 feet from the exterior lines of the legal quarter-quarter subdivision within the unit upon which the well is to be located.

4. That Applicant believes that a well drilled on drilling unit #43 in the SE1/4 of the NW1/4 of Section 4 will have sufficient pay to make a commercial well.

5. That the Applicant has valid and subsisting leases and Farmout Agreements for all properties in Section 4, Township 21 South, Range 7 East, Emery County, Utah and that moving the location of unit #43 to the requested location would effect only the Applicant and Celsius Energy Company, who supports this Application, and has valid and subsisting leases for all properties in Section 4 not under lease to the Applicant.

WHEREFORE, Applicant prays that notice be given of said application as required by law and that if no interested party objects within the required time period that Applicant be granted permission and authority to drill a well in the SE1/4 of the NW1/4 of Section 4, Township 21 South, Range 7 East, Emery County, Utah not less than 500 feet from any property or lease line or governmental section line; and for such other and further relief to which Applicant may be entitled.

MOUNTAIN RESOURCE CORPORATION


By: Frederick G. Jaeger
Frederick G. Jaeger
President

MOUNTAIN RESOURCE CORPORATION
P.O. BOX 27444
SALT LAKE CITY, UTAH 84127
(801) 487-1773

MOUNTAIN RESOURCE CORPORATION

RECEIVED

JAN 26 1983

35
DIVISION OF
OIL, GAS & MINING

ADMINISTRATIVE APPROVAL

Y.F.L. ENERGY CORP
O 1134
Elev 6150 Gr

AM. RET. ENG
1-34 Fed
TD 1253
Elev 6204 Gr
TF - 1010 Gr
TF + 5194 SL

TF - 1065 Gr
TF + 5085 SL

PNGE
12-3
TD 1145
Elev 6200 Gr
TF - 938 Gr
TF + 5262 SL

ADMINISTRATIVE APPROVAL? MRC #13

ADMINISTRATIVE APPROVAL MRC #12

AM. RET. ENG.
1-4 Fed
PNGE
TD 1060
Elev 6193 Gr
TF - 910 Gr
Elev 6204 Gr
TF - 893 Gr
TF - 5311 SL

MRC - 2
TD 1105
Elev 6204 Gr
TF - 900 Gr
TF - 510 SL

PNGE
TD 1105
Elev 6212 Gr
TF - 935 Gr
TF - 5277 SL

MRC - 5
Elev 6155 Gr
TF - 8218 SL

MRC - 1
TD 1156
Elev 6115 Gr
TF - 854 Gr

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

MRC - 3
Elev 6153 Gr
TF - 870 Gr
TF - 5183 SL

PNGE
Elev 6157 Gr
TF - 845 Gr
TF - 5212 SL

ENERGY CORP

600
633 Gr
1280 Gr
505 Gr

ADMINISTRATIVE APPROVAL

A) ADMINISTRATIVE APPROVAL MRC #12, 13

CELSIUS ENERGY COMPANY

P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

January 26, 1983

Utah State Division of Oil,
Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Ferron MRC Well #12
Sec. 3, T-21-S, R-7-E
Emery County, Utah

Gentlemen:

Celsius Energy Company holds the working interest on the Oil and Gas Leases in the W $\frac{1}{2}$ of Section 3, Township 21 South, Range 7 East.

Celsius consents to the application for non-pattern location being made by Mountain Resource Corporation in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 3 of the same Township for the drilling of the Ferron MRC Well #12.

Sincerely,


R. M. Kirsch
President

RMK:REP/jc

CC: Mountain Resource Corporation
P. O. Box 27444
Salt Lake City, Utah 84127

RECEIVED
FEB 09 1983

DIVISION OF
OIL GAS & MINING

CELSIUS ENERGY COMPANY

P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

January 26, 1983

Utah State Division of Oil,
Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Ferron MRC Well #13
Sec. 4, T-21-S, R-7-E
Emery County, Utah

Gentlemen:

Celsius Energy Company is the holder of the working interest in the $E\frac{1}{2}$ and parts of the $W\frac{1}{2}$ of Section 4, Township 21 South, Range 7 East, and supports the application by Mountain Resource Corporation for the drilling of a well in a non-pattern location in the $SE\frac{1}{4}NW\frac{1}{4}$ of this Section.

It is our understanding that this well is to be designated Ferron MRC #13.

Sincerely,



R. M. Kirsch
President

RMK:REP/jc

cc: Mountain Resource Corporation
P. O. Box 27444
Salt Lake City, Utah 84127

RECEIVED
FEB 09 1983

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERALS MANAGEMENT
SERVICE
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 MOUNTAIN RESOURCE CORPORATION

3. ADDRESS OF OPERATOR
 1800 South West Temple #302/P.O. Box 27444/SLC, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 NE 1/4 SW 1/4 Section 4 (2140 ft FWL, 2440 ft FSL)
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Five and one-half South Ferron Utah

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

16. NO. OF ACRES IN LEASE
 320 (farmout)

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.
 2124

19. PROPOSED DEPTH
 1500 feet

20. ROTARY OR CABLE TOOLS
 Rotary

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

22. APPROX. DATE WORK WILL START*
 March 4, 1983

5. LEASE DESIGNATION AND SERIAL NO.
 U-011246

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -

7. UNIT AGREEMENT NAME
 SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME
 Celsius-Mtn Resource

9. WELL NO.
 Ferron-MRC#13

10. FIELD AND POOL, OR WILDCAT
 Ferron Area

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
 Sec. 4 T21S R7E SLBM

12. COUNTY OR PARISH
 Emery

13. STATE
 Utah

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 surf.
6 3/4"	4 1/2"	10.5 lb/ft	1500	250 sacks

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron and approximately 100 feet into the Tununk shale. Air will be used as the circulating medium. No coring or drill-stem testing is planned. The logs will be a Gamma Ray-Caliper, Compensated Neutron-Density and V.D.L. Log. All Federal and State Regulations will be fully adhered to.

Fed. Approval terminated. Approval given on 3/11/83. See hand - same well name.

*3/11/83
Kinn - OGO
Walker - OGO*

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 FREDERICK G. JAEGER TITLE President DATE 2/8/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W.P. Martin FOR E. W. GUYNN
 CONDITIONS OF APPROVAL, IF ANY: _____ TITLE DISTRICT OIL & GAS SUPERVISOR DATE MAR 09 1983

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State @ well G

S 3°08'28"W - 200.0 ft.

4

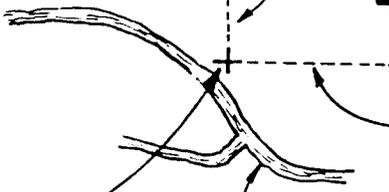
S 89°09'19"W - MEASURED
S 89°12'47"W - RECORDED

S 89°09'19"W - 500.0 ft.

Drill Hole Location
Set A 1/2 x 24" Rebar
Elevation = 6256.63
Mountain Resource Corp.
Ferron-MRC-13

Existing Wash (Approximately 15 ft. Deep And
20-30 ft. Wide)

N 3°08'28"E - RECORDED
BASIS OF BEARING



Mountain Resource Corporation
Well No. 13
Section 4-T21S-R7E
Emery County, Utah
Lease No. U-011246

Supplemental Stipulations:

1. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Ferron sandstone. 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.

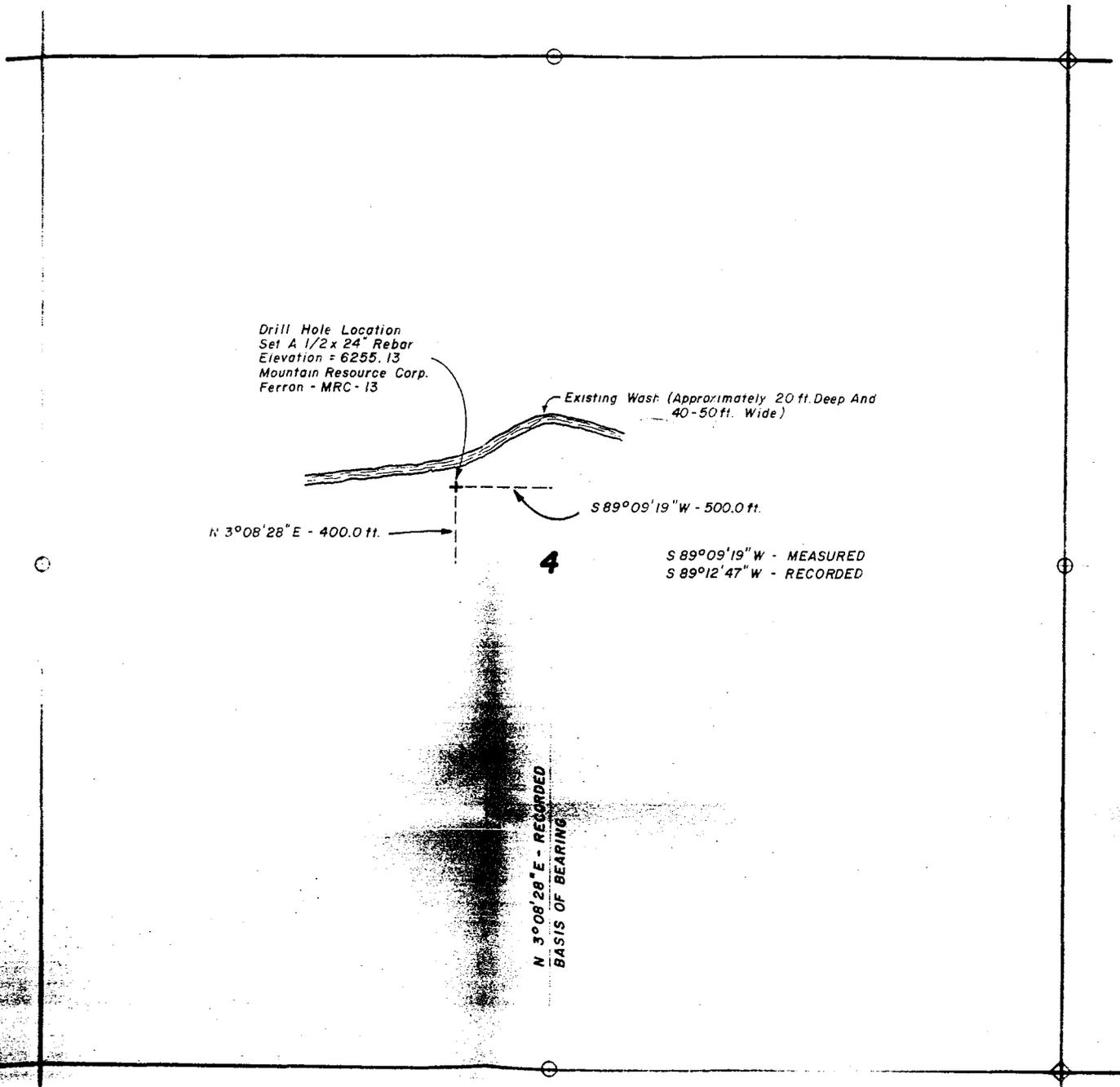
ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/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.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



T O W N S H I P 2 1



Drill Hole Location
Set A 1/2 x 24" Rebar
Elevation = 6255.13
Mountain Resource Corp.
Ferron - MRC-13

Existing Wash (Approximately 20 ft. Deep And
40-50 ft. Wide)

S 89°09'19" W - 500.0 ft.

N 3°08'28" E - 400.0 ft.

4

S 89°09'19" W - MEASURED
S 89°12'47" W - RECORDED

N 3°08'28" E - RECORDED
BASIS OF BEARING

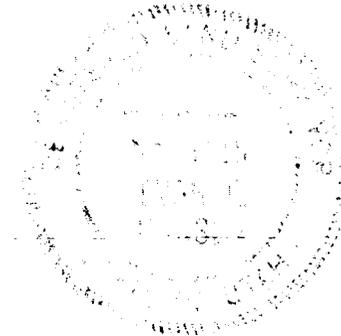
Dated June 21, 1965, Between The South 1/4 Corner And The North 1/4 Corner Of Section 4 , T 21 S , R 7 E, S.L.B.&M.

Engineer's Certificate

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor And Professional Engineer Holding Certificates No. 3115 And No. 3354 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
Evan E. Hansen

FEB. 9, 1983
Date



Empire Engineering

86 North 200 East Price, Utah 84501 (801)637-7498

Title:

Mountain Resource Corporation
Drill Hole Location Map - Ferron MRC-13 Well

Drawn By:

Barry L. Prettyman

Approved By:

Evan E. Hansen

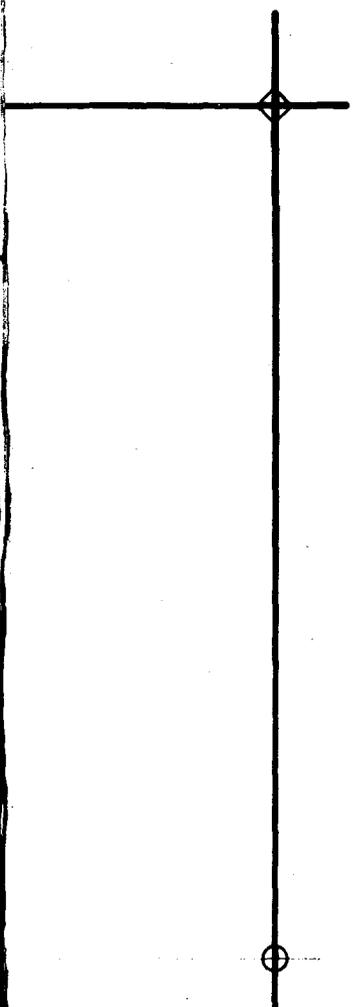
Drawing No.

Date:

2/9/83

Scale:

1" = 600'



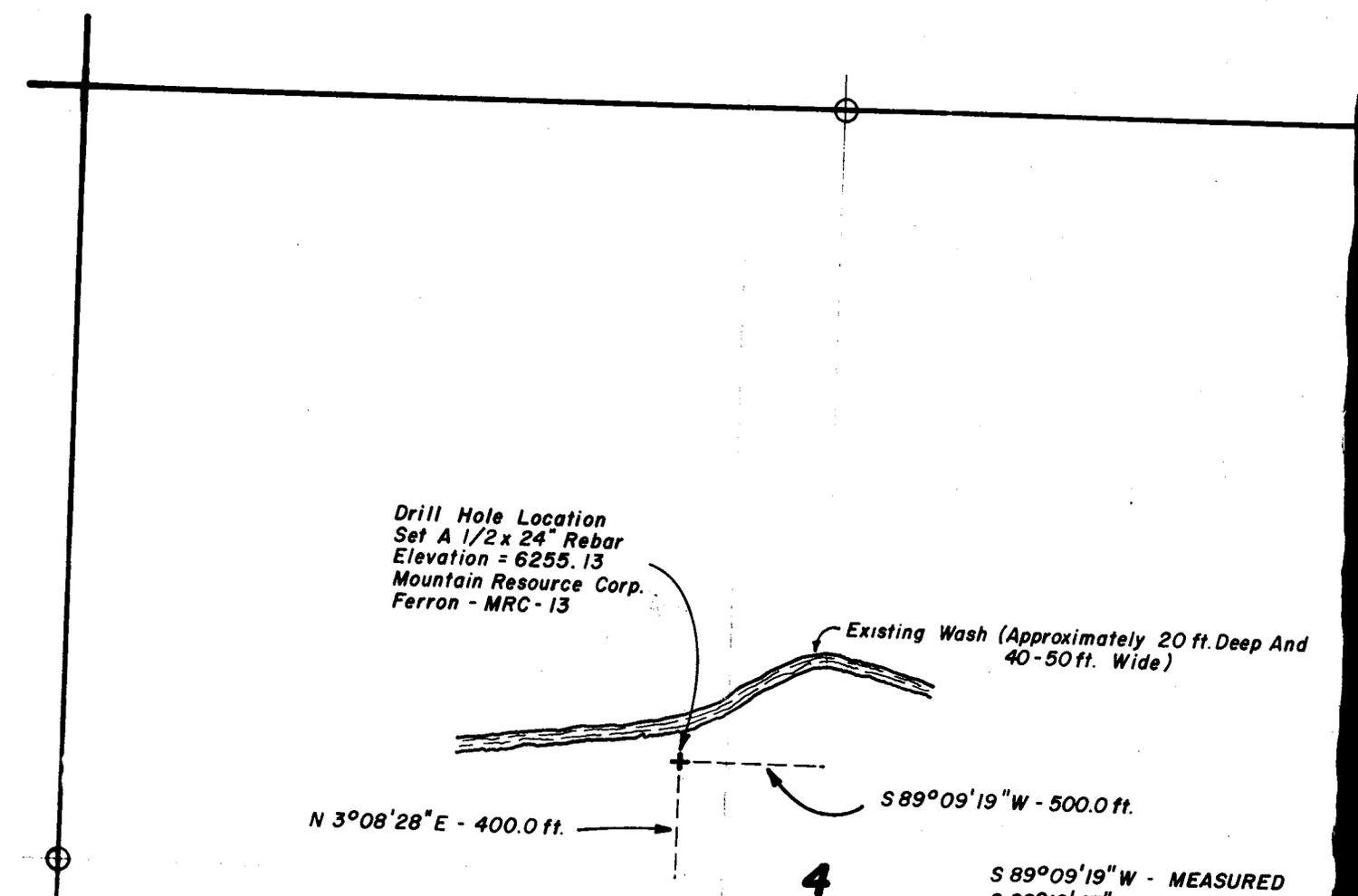
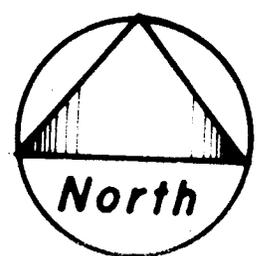
Legend

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

Basis Of Bearing

R A N G E 7 E A S T

21 S O U T H



T O W N S H I P

N 3°08'28"E - RECORDED
BASIS OF BEARING

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

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

FEE

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Celsius-Mtn Resource

9. Well No.

Ferron-MRC #13

10. Field and Pool, or Wildcat

Ferron Area

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 4 T21S R7E SLBM

12. County or Parrish

Emery

13. State

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Mountain Resource Corporation

3. Address of Operator

1800 South West Temple #302/P.O. Box 27444, SLC, Utah 84127

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface
SE 1/4 NW 1/4 Section 4 (2140 Ft FWL, 2240 ft FNL)

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

FIVE AND ONE-HALF SOUTH FERRON UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

400 feet

16. No. of acres in lease

320 Farmout

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.

2400

19. Proposed depth

1500 feet *TUNICK*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

22. Approx. date work will start*

March 4, 1983

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
6 3/4"	4 1/2"	10.5 lb/ft	1500	250 sacks

IT IS PROPOSED TO FULLY TEST AND EVALUATE THE FERRON FORMATION BY DRILLING THROUGH THE FERRON AND APPROXIMATELY 100 FEET INTO THE TUNUNK SHALE. AIR WILL BE USED AS THE CIRCULATING MEDIUM. NO CORING OR DRILL-STEM TESTING IS PLANNED. THE LOGS WILL BE A GAMMA RAY-CALIPER, COMPENSATED NEUTRON-DENSITY AND V.D.L. LOG. ALL FEDERAL AND STATE REGULATIONS WILL BE FULLY ADHERED TO.

RECEIVED
MAR 01 1983
DIVISION OF
OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3-1-83
BY: *[Signature]*

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. V. LeRoy Hansen

Signed

[Signature]

Title

Vice President

Date

2/25/83

(This space for Federal or State office use)

Permit No.

43-015-30153

Approval Date

Approved by

Title

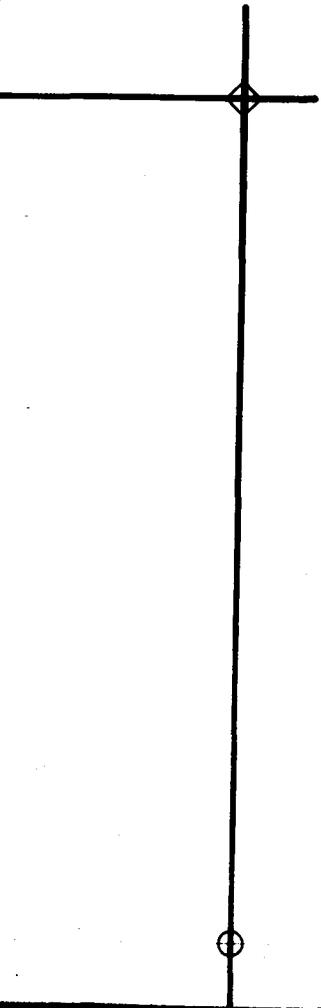
Date

Conditions of approval, if any:

REVIEWED

MAR 01 1983

DIVISION OF
M GAS & MINING



Legend

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

Basis Of Bearing

Basis Of Bearing - N 3°08'28" E - Obtained From G.L.O. Plat
Dated June 21, 1965, Between The South 1/4 Corner And The
North 1/4 Corner Of Section 4, T 21 S, R 7 E, S.L.B.&M.

Engineer's Certificate

I, EVAN E. HANSEN, Do Hereby Certify That I Am
A Registered Land Surveyor And Professional Engineer Holding
Certificates No. 3115 And No. 3354 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
Evan E. Hansen

FEB. 9, 1983
Date



Empire Engineering

86 North 200 East Price, Utah 84501 (801)637-7498

Title:

Mountain Resource Corporation
Drill Hole Location Map - Ferron MRC-13 Well

Drawn By:

Barry L. Prettyman

Approved By:

Evan E. Hansen

Drawing No.

Date:

2/9/83

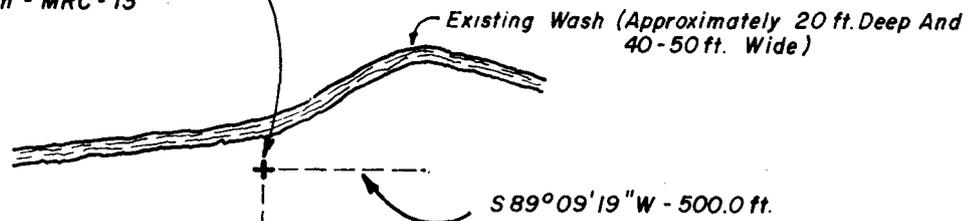
Scale:

1" = 600'

R A N G E 7 E A S T



Drill Hole Location
Set A 1/2 x 24" Rebar
Elevation = 6255.13
Mountain Resource Corp.
Ferron - MRC - 13



N 3° 08' 28" E - 400.0 ft.

S 89° 09' 19" W - 500.0 ft.

4

S 89° 09' 19" W - MEASURED

T. C. W. N. S.

N 3°08'28"E - RECORDED
BASIS OF BEARING

OPERATOR MOUNTAIN RESOURCES CORP

DATE 3-1-83

WELL NAME FERRADA - MAC #13

SEC SE NW 4 T 21 S R 7 E COUNTY EMERY

43-015-30153
API NUMBER

FEE
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

DJFV

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a 7-7 2-24-83
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 SC # 982480 for \$5,000

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 7-7 2-24-83

UNIT _____

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

March 1, 1983

Mountain Resources Corporation
1800 South West Temple, #302
Salt Lake City, Utah 84127

RE: Well No. Ferron-MRC #13
SENW Sec. 4, T.21S, R.7E
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 7-7 dated February 24, 1983.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

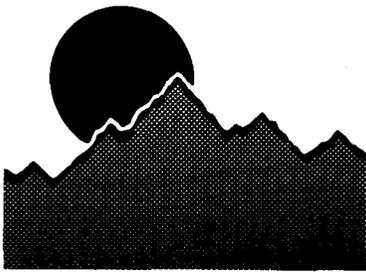
Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30153.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Enclosure



**MOUNTAIN
RESOURCE
CORPORATION**

April 13, 1983

State of Utah Natural Resource and Energy
Oil, Gas and Mining
4341 State Office Building
Salt Lake City, Utah 84114

Attn: Sandy Bates

REF: Ferron-MRC #12 and Ferron-MRC #13 Wells, monthly report

Dear Sandy:

Enclosed are our first monthly reports for these wells that were spudded in March, 1983. We have also enclosed one copy of each log run on these wells. However, please note that these wells are on a "TIGHT HOLE" status and we request that you keep this information confidential for the full statute period.

Thank you.

Sincerely,

MOUNTAIN RESOURCE CORPORATION

Frederick G. Jaeger
President

RECEIVED
APR 19 1983

FGJ/lt

Encl:

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN TRIPPLICATE*
(Obtain instructions on reverse side)

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 "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MOUNTAIN RESOURCE CORPORATION</p> <p>3. ADDRESS OF OPERATOR 1800 South West Temple #302/P.O. Box 27444, SLC, Utah 84127</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) SE¹/₄NW¹/₄, Section 4 (2140 Ft. FWL, 2240 Ft. FNL)</p> <p>14. PERMIT NO. 43-015-30153</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME Ferron</p> <p>8. FARM OR LEASE NAME Celcius - MT Resource</p> <p>9. WELL NO. Ferron-MRC #13</p> <p>10. FIELD AND POOL, OR WILDCAT Ferron Area</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T21S, R7E, SLBM</p> <p>12. COUNTY OR PARISH 13. STATE Emery Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6255 ft. GR</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"/>	PULL 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>Status</u> <input type="checkbox"/>	<input checked="" type="checkbox"/> XXX

(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.)*

3/10/83 Rig up Frontier drilling. Drilled 6¹/₄" Ø pilot hole to 160', reamed to 110' 9¹/₂" Ø bit. Ran 85' of 7" surface casing. Cemented to surface.

3/11/83 Drilled 6¹/₂" Ø hole from 160' to 640' with air.

3/12/83 Drilled 6¹/₂" Ø hole from 640' to 860' with air.

3/13/83 Drilled 6¹/₂" Ø hole from 860' to 1060' with air. Shut down awaiting drill pipe.

3/14/83 Drilled 6¹/₂" Ø hole from 1060 to 1140' -started to mist. Continued to drill to 1273' T.D. top of Ferron Sandstone at 1060'. No oil or gas shows.

3/15/83 Filled well with mud. Ran dual induction guard, compensated density neutron and computer logs.

3/15/83 Well evaluation to determine completion/P&A status.

to
Current

RECEIVED
APR 19 1983

CONFIDENTIAL

DIVISION OF
OIL, GAS & MINING

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

SIGNED <u>[Signature]</u>	TITLE <u>President</u>	DATE <u>4/12/83</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

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

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR MOUNTAIN RESOURCE CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 27444, SLC, Utah 84127		7. UNIT AGREEMENT NAME Ferron
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 4 (2140 ft. FWL, 2240 Ft. FNL)		8. FARM OR LEASE NAME Celsius-MT Resource
14. PERMIT NO. 43-015-30153	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6255 ft. GR	9. WELL NO. Ferron-MRC #13
		10. FIELD AND POOL, OR WILDCAT Ferron Area
		11. SEC., T., R., M., OR SLE. AND SURVEY OR AREA Sec 4 T21S, R7E, SLBM
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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"/>	PULL 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) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(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.)*

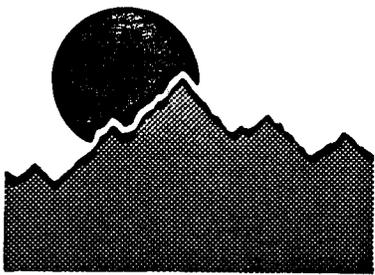
IN PROCESS OF PLUGGING AND ABANDONING WELL

18. I hereby certify that the foregoing is true and correct
 SIGNED LeRoy Hansen TITLE Vice President DATE 5/18/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



**MOUNTAIN
RESOURCE
CORPORATION**

CONFIDENTIAL

May 18, 1983

CONFIDENTIAL

State of Utah Natural Resource and Energy
Oil, Gas and Mining
4341 State Office Building
Salt Lake City, Utah 84114

Attention: Ms. Sandy Bates

Reference: Monthly reports - Emery County, Utah
Ferron-MRC #12 and 13
Ferron-MRC #8 and 9
MRC #2, MRC #14

Dear Sandy:

Enclosed are our April monthly reports for the above captioned wells. Please note that these wells are on a **TIGHT HOLE** status and we request that you keep this information confidential for the full statute period.

Thank you.

Sincerely,

MOUNTAIN RESOURCE CORPORATION

V. LeRoy Hansen
Vice President

CONFIDENTIAL

VLH/lt

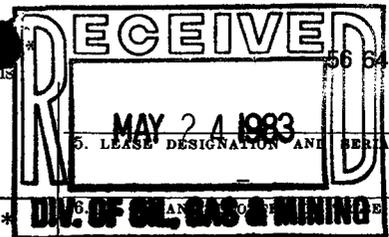
Encl:

MAY 20 1983

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)



WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DIV. OF OIL, GAS & MINING

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 P&A

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 SE 1/4 NW 1/4 Section 4 (2140 ft FWL, 2240 ft FNL)
 At top prod. interval reported below Same as above
 At total depth Same as above

7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
Celsius-Mtn Resource -fee
 9. WELL NO.
Ferron-MRC #13
 10. FIELD AND POOL, OR WILDCAT
Ferron
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 4 T21S, R7E, SLBM

14. PERMIT NO. 43-015-30153 DATE ISSUED 3/1/83
 12. COUNTY OR PARISH Emery 13. STATE Utah

15. DATE SPUDDED 3/4/83 16. DATE T.D. REACHED 3/6/83 17. DATE COMPL. (Ready to prod.) abandoned 5.18.83
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6255 ft. GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 1097 ft 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* N/A
 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NONE - P&A (5/18/83)

25. WAS DIRECTIONAL SURVEY MADE No
 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Guard Induction - Neutron Density Ca
 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"	22#/ft	120	9" Ø	cir to surf	None
(open hole to 1272 T.D.)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	N/A			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number)
None- P&A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
70-170	16 sax g. cement
1050-1100	17 sax g. cement
1220-1272	17 sax g. cement

33.* PRODUCTION

DATE FIRST PRODUCTION 5/18/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) P&A WELL STATUS (Producing or shut-in) P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

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

35. LIST OF ATTACHMENTS

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

SIGNED Frederick G. Jaeger TITLE President DATE 5/24/83

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

BEST COPY
AVAILABLE

GEOLOGICAL WELL REPORT

PREPARED FOR

MOUNTAIN RESOURCE CORPORATION
P.O. Box 27444
Salt Lake City, Utah 84127

FERRON - MRC #13
SE $\frac{1}{2}$ NW $\frac{1}{2}$, Section 4, T 21 S, R 7 E
Emery County, Utah

PREPARED BY:

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

28 March 1983

INTRODUCTION

The FERRON - MRC #13 well was drilled approximately 1/2 mile northwest of the American Petrofina 1-4 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 1060' 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 #13 well lies on the west flank some 147' low to the American Petrofina 1-4 producer.

STRATIGRAPHY

Drilling began in the Cretaceous Mancos Shale Formation. Siltstone reported at 1070' - 1080' indicates the top of the Ferron Sandstone Member which was drilled to a total depth of 1273'. The sandstones, siltstones, coals and shales encountered represented a paleo deltaic shoreline environment. Facies changes occur from well to well.

OIL & GAS SHOWS

No oil or gas shows were encountered while drilling the well. Sample examination reported fluorescence and cut from sandstone and siltstone beds. The Compensated Density Neutron Log shows cross-overs but compared to the Ferron-MRC #2 and the lack of gas shows while drilling discourage production potential.

CONCLUSION

Based on sample shows and log evaluation, well has questionable potential. Lack of gas shows while drilling discouraged the running of pipe and the well is currently considered dry and abandoned.

WELL: FERRON - MRC #13

OPERATOR: Mountain Resources Corporation

DRILLING CONTRACTOR: Frontier Drilling, Inc.

LOCATION: SE $\frac{1}{2}$ NW $\frac{1}{2}$, Section 4, Township 21 South, Range 7 East

COUNTY: Emery

STATE: Utah

ELEVATION: K.B. 6255', G.L. 6252'

COMMENCED DRILLING: March 10, 1983 (8:00 a.m.)

CEASED DRILLING: March 14, 1983 (9:00 p.m.)

CASING RECORD: 7" surface casing at 84'

TOTAL DEPTH: 1273'

DRILLING SUPERVISOR: Fred Jaeger, Roy Hansen

CORES: None

DRILL STEM TESTS: None

LOGS: Welex - Grand Junction, Colorado
Engineer - J. McBroom

Dual Induction Guard Log
Compensated Density Neutron
Computer Analysed Log

Geologist Sample Log
1060' to 1273' @ 10' Intervals
(Quality of samples - good)

HOLE DIFFICULTIES: None Reported

HOLE DEVIATION: None Reported

HOLE SIZE: 12 $\frac{1}{2}$ " surface to 85'
6 $\frac{1}{2}$ " to T.D.

STATUS: Waiting on orders

WELL DATA

SYSTEM

FORMATION

DEPTH

Cretaceous

Mancos

Blue Gate Shale Member

Ferron Sandstone Member

Surface

1071'

TOTAL DEPTH

1273'

SAMPLE DESCRIPTION

DEPTH (IN FEET)

1060-1070 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, trace BENTONITE, white, soft

1070-1080 SHALE, as above, SILTSTONE, medium gray, hard, calcareous cement, no fluorescence

1080-1090 SHALE, as above, trace SANDSTONE, medium gray, very fine grain, sub-rounded, well sorted, loose grains, trace black mineral, no fluorescence

1090-1100 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SILTSTONE, medium gray, soft, trace black mineral, no fluorescence

1100-1110 SHALE, as above, no fluorescence

1110-1120 SANDSTONE, medium light gray, fine to very fine grain, sub-rounded, moderately sorted, loose grains, trace black mineral, trace glauconite, no fluorescence

1120-1130 SANDSTONE, medium light gray, fine to very fine grain, sub-rounded, poorly sorted, loose grains, calcareous cement, trace black mineral, trace glauconite, trace pyrite, no fluorescence, trace SHALE, medium dark gray, hard, fissile, no fluorescence

1130-1140 SANDSTONE, medium light gray, very fine grain, sub-rounded, moderately sorted, loose grains, trace calcareous cement, trace black mineral, no fluorescence, SILTSTONE, medium light gray, soft, no fluorescence

1140-1150 SANDSTONE, as above, no fluorescence

1150-1160 SANDSTONE, medium light gray, fine to very fine grain, sub-rounded, moderately sorted, loose grains, calcareous cement, trace black mineral, no fluorescence, SILTSTONE, light gray hard and soft, no fluorescence, SHALE, medium dark gray, soft, fissile, calcareous, no fluorescence

1160-1170 SANDSTONE, medium light gray, fine to very fine, sub-rounded, poorly sorted, loose grains, trace calcareous cement, trace black mineral, trace glauconite, trace iron stain, dull yellow fluorescence, residual cut, SILTSTONE, light gray, hard, no fluorescence, trace SHALE, medium dark gray, soft, no fluorescence

1170-1180 SANDSTONE, as above, dull yellow fluorescence, weak residual cut, SILTSTONE, light gray, soft, no fluorescence, trace SHALE, as above

1180-1190 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SILTSTONE, light gray, hard, calcareous, yellow fluorescence, weak residual cut

1190-1200 COAL, black, hard, blocky, SHALE, as above, SILTSTONE, light gray, hard, calcareous, yellow fluorescence, weak residual cut.

1200-1210 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SILTSTONE, light gray, hard, calcareous, yellow fluorescence, no cut, trace COAL, black, hard

1210-1220 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SILTSTONE, medium gray, soft, no fluorescence, trace coal, black hard.

1220-1230 SANDSTONE, medium light gray, very fine grain, sub-rounded, poorly sorted, loose grains, calcareous cement, trace black mineral, dull yellow fluorescence, residual cut, SILTSTONE, as above, trace COAL, black, hard.

1230-1240 SANDSTONE, as above, trace yellow fluorescence, weak residual cut, SILTSTONE, as above, trace SHALE, medium dark gray, hard, fissile, no fluorescence

1240-1250 SILTSTONE, medium light gray, hard and soft, calcareous cement, dull yellow fluorescence, residual cut, SHALE, medium dark gray, hard, fissile, no fluorescence, trace SANDSTONE, very fine grain, sub-rounded, poorly sorted, no fluorescence

1250-1260 SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SILTSTONE, medium light gray, hard and soft, calcareous cement, dull yellow fluorescence, weak residual cut

1260-1270 No Sample

TOTAL DEPTH 1273'

Branch of Fluid Minerals
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

July 12, 1983

Mountain Resource Corporation
P. O. Box 27444
Salt Lake City, Utah 84127

Re: Rescind Application for Permit
to Drill
Well No. 13
Section 4, T. 21 S., R. 7 E. 
Emery County, Utah
Lease U-011246

Gentlemen:

The referenced application for permit to drill is rescinded per your request.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of the well will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

 E. W. Guynn
Chief, Branch of Fluid Minerals

bcc: Well File
SMA
State O&G ✓
State BLM
APD Control

WPM/kr