

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

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>			5. LEASE DESIGNATION AND SERIAL NO. <b>U-09712-A</b>
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			7. UNIT AGREEMENT NAME <b>N/A</b>
2. NAME OF OPERATOR <b>MOUNTAIN RESOURCE CORPORATION</b>			8. FARM OR LEASE NAME <b>Celsius-Mtn Resource</b>
3. ADDRESS OF OPERATOR <b>1800 South West Temple #302/P.O. Box 27444, SLC, Utah 84127</b>			9. WELL NO. <b>Ferron-MRC 15</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>SW1/4SW1/4 Section 34 (500 FWL, 500 FSL)</b> At proposed prod. zone <b>Same</b>			10. FIELD AND POOL, OR WILDCAT <b>Ferron Area</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Four and one-half miles south of Ferron, Utah</b>			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 34, T20S, R7E SEBM</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>500 feet</b>	16. NO. OF ACRES IN LEASE <b>320 (farmout)</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	12. COUNTY OR PARISH      13. STATE <b>Emery      Utah</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>2480 ft</b>	19. PROPOSED DEPTH <b>1500 feet</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6214 GR</b>			22. APPROX. DATE WORK WILL START* <b>June 4, 1983</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	1500	

It is proposed 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 a gamma ray-caliper, compensated neutron density and dual induction guard. All Federal and State regulations will be adhered to.

RECEIVED

JUN 10 1983

DIVISION OF OIL & GAS OPERATIONS  
SALT LAKE CITY, UTAH

RECEIVED

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* Vice President      DATE May 10, 1983  
 SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 (This space for Federal or State office use)

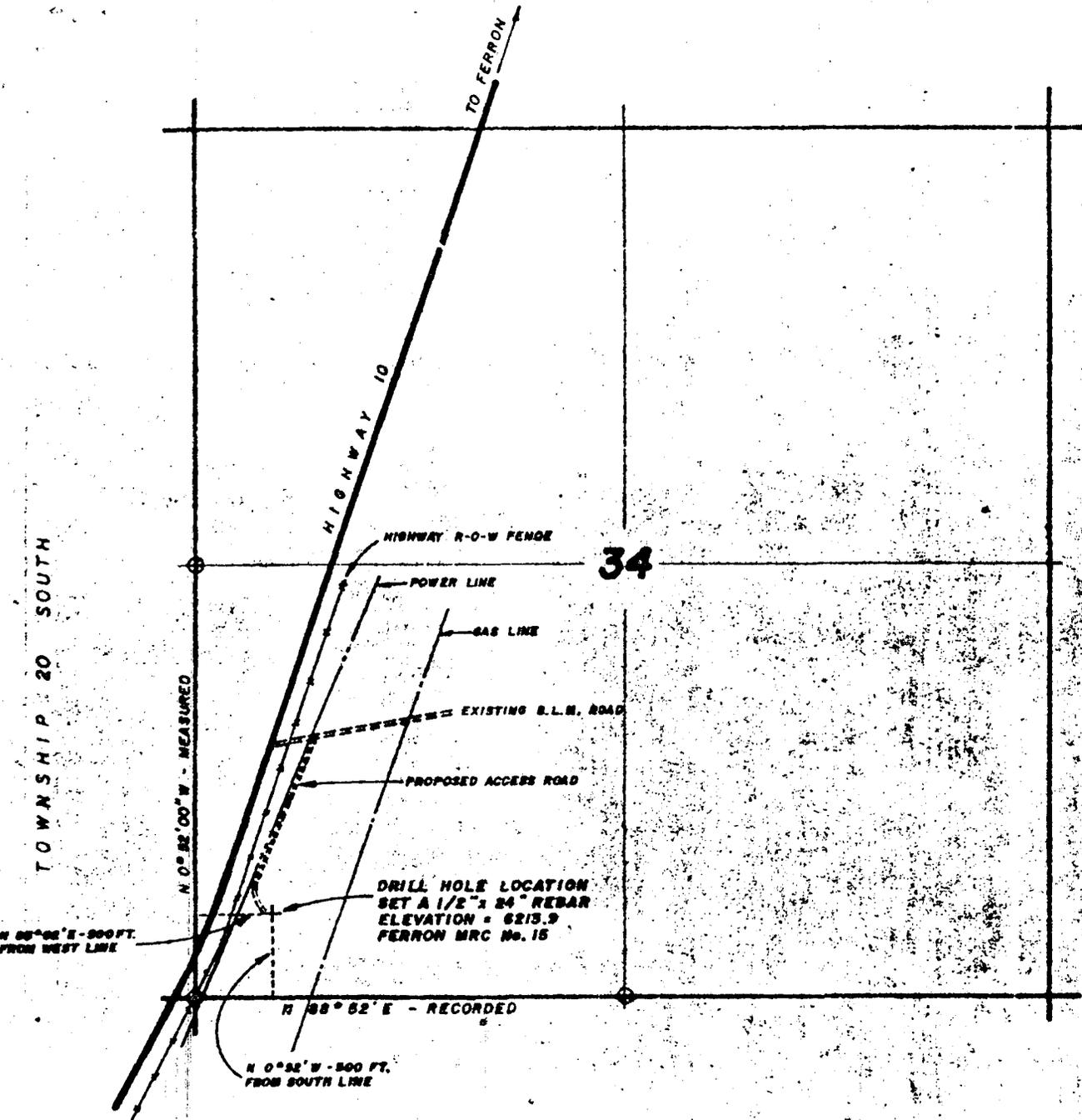
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY *W. W. Martin* for E. W. Guynn  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE District Oil & Gas Supervisor DATE JUN 09 1983

**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 O&G*



**Basis Of Bearing**

N 88° 52' E - Between The Southwest Corner And The South 1/4 Corner Of Section 34, T20S, R7E, S.L.B. & M., Obtained From G.L.O. Plat Dated June 21, 1968.

**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

5 / 2 / 83  
Date

<b>Empire Engineering</b>		
86 North 200 East Price, Utah 84501		
<b>Mountain Resource Corp.</b>		
Ferron MRC No. 15 - Drill Hole Location		
DRAWN BY <b>B.L.P.</b>	APPROVED BY	DATE
4-30-83	1"=100'	

Mountain Resource Corporation  
Well No. 15  
Section 34, T. 20 S., R. 7 E.  
Emery County, Utah  
Lease U-09712-A

Supplemental Stipulations

- 1) Adequate and sufficient electric/~~radioactive~~ logs will be run to locate and identify anticipated coal beds in the Ferron formation. Please also provide two copies of drilling logs. 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.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

June 15, 1983

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

RE: Well No. ✓ Ferron-MRC #15  
Sec. 34, T.20S, R.7E  
Emery County, Utah

Gentlemen:

Our records indicate you have filed federal application for permit to drill Well No. Ferron-MRC #15, but have not yet filed application with the State of Utah. Applications must receive State approval in addition to federal approval in order to commence drilling.

Please provide the necessary application for permit to drill, or otherwise advise on the status of the permit. A copy of the federal application with attachments and cover letter is acceptable.

Respectfully,

A handwritten signature in black ink, appearing to read "Norm Stout".

Norm Stout  
Administrative Assistant

NS/as

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

SUBMIT IN TRIPL  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

**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  
 SW1/4SW1/4 Section 34 (500 FWL, 500 FSL)  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Four and one-half miles south of Ferron, Utah

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 500 feet

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19. PROPOSED DEPTH  
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20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6214 GP

22. APPROX. DATE WORK WILL START\*  
 June 4, 1983

**PROPOSED CASING AND CEMENTING PROGRAM**

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It is proposed 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 a 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**

DATE: 6-28-83  
 BY: [Signature]

FEDERAL'S PERMITS  
 SERVICE OF  
 OIL & GAS OPERATIONS  
 RECEIVED  
 MAY 17 1983  
 SALT LAKE CITY, UTAH

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: [Signature]      TITLE: Vice President      DATE: May 10, 1983  
 V. LeRoy Hansen  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY: [Signature]      TITLE: District Chief      DATE: JUN 09 1983  
 CONDITIONS OF APPROVAL, IF ANY:

**NOTICE OF APPROVAL**

CONDITIONS OF APPROVAL ATTACHED

OPERATOR

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

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 bloopie line will be terminated at a minimum distance of 125 feet from the rig. A relatively small bloopie 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 H<sub>2</sub>S, 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.

## OPERATIONS AND SURFACE USE PLAN

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 5 1/2 miles south of Ferron, Utah along State Highway 10, thence 500 feet west and 1200 feet south.
2. PLANNED ACCESS ROAD: As indicated in the above statement, the access road will originate off an existing BLM road 1200 feet north of the wellsite and will proceed south of a distance of 1200 feet along an existing power line then east approximately 200 feet. 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 conditions.
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 There are two diagrams attached. One indicates the location of production equipment in the event the well is oil productive. The second diagram indicates 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.
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.
6. ROAD MATERIAL: It is not expected that road material will be required. Existing surface material presently in place will be used only to a minimum to build the road and drilling pad. The top six (6) inches of soil material will be removed and

stockpiled to the north of the pits (loose weathered shale). Redistribution of this material on the pits will occur on the drilling site immediately 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 blooie line collection pit as well as a storage pit for the small amount of water used in drilling to be located near the rig. This pit will be folded in and recontoured as soon as possible following completion of operations. This area will be reseeded.

8. CAMP FACILITIES AND AIRSTRIP: 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 reseeded and restored to normal. The pits will be covered and all trash will be removed. Reseeding will be done at the direction of the B.L.M. All disturbed areas will be scarified with the contour to a depth of four (4) inches. Pads will not be smoothed but left roughened. 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 sacaton; and 1 lb/acre yellow sweetclover. Mountain Resource Corporation will be using Pacific National Gas Company/ Nationwide Federal Bond as designated operator.

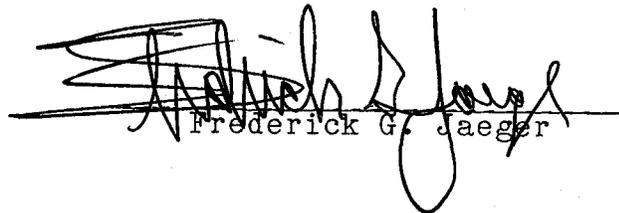
11. LAND DESCRIPTION Note para. no. 1 above. This area is fairly flat. The Wasatch Plateau is to the West and the San Rafael Swell lies to the East.

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 17 day of MAY, 1983

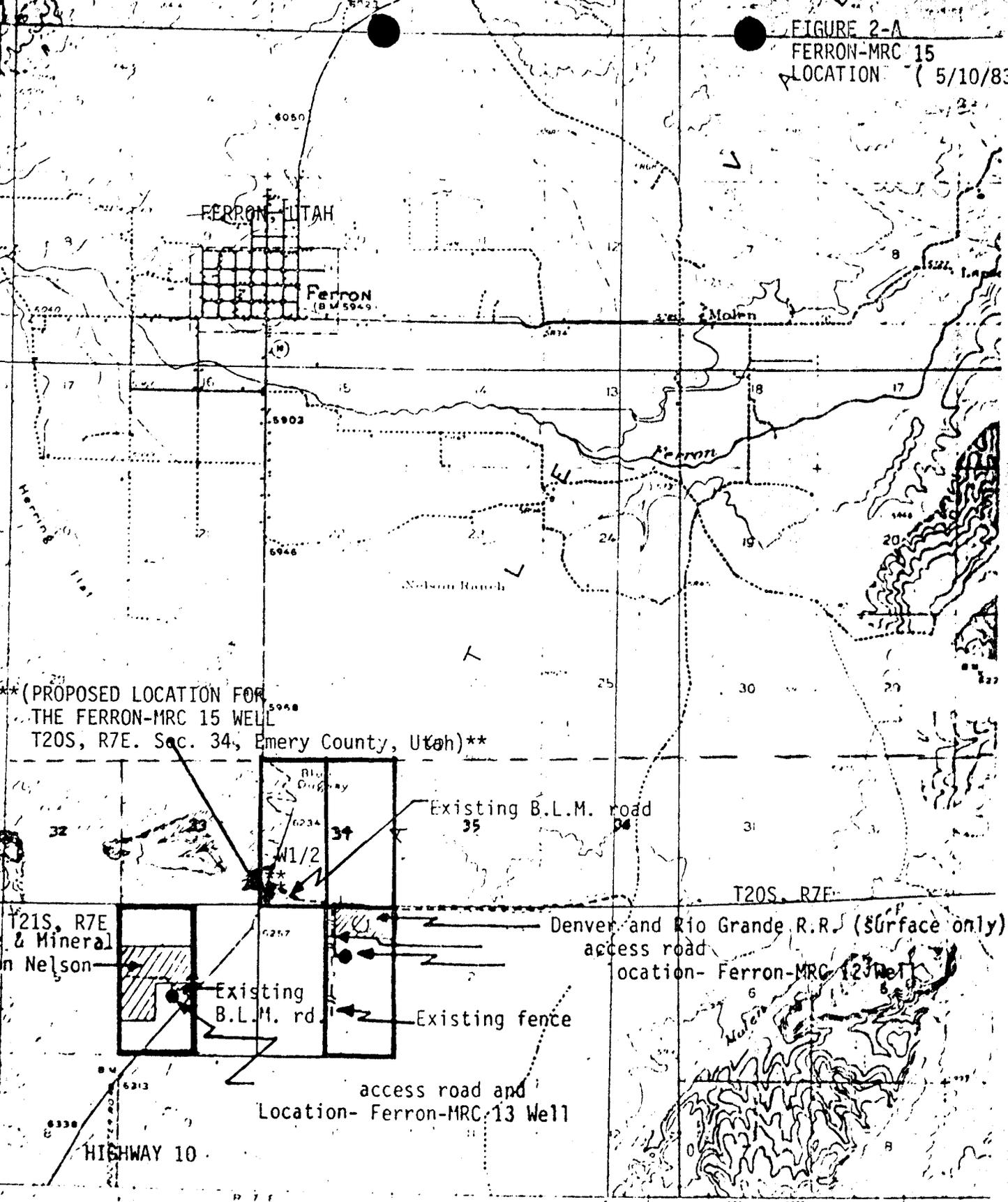
MOUNTAIN RESOURCE CORPORATION

  
Frederick G. Jaeger

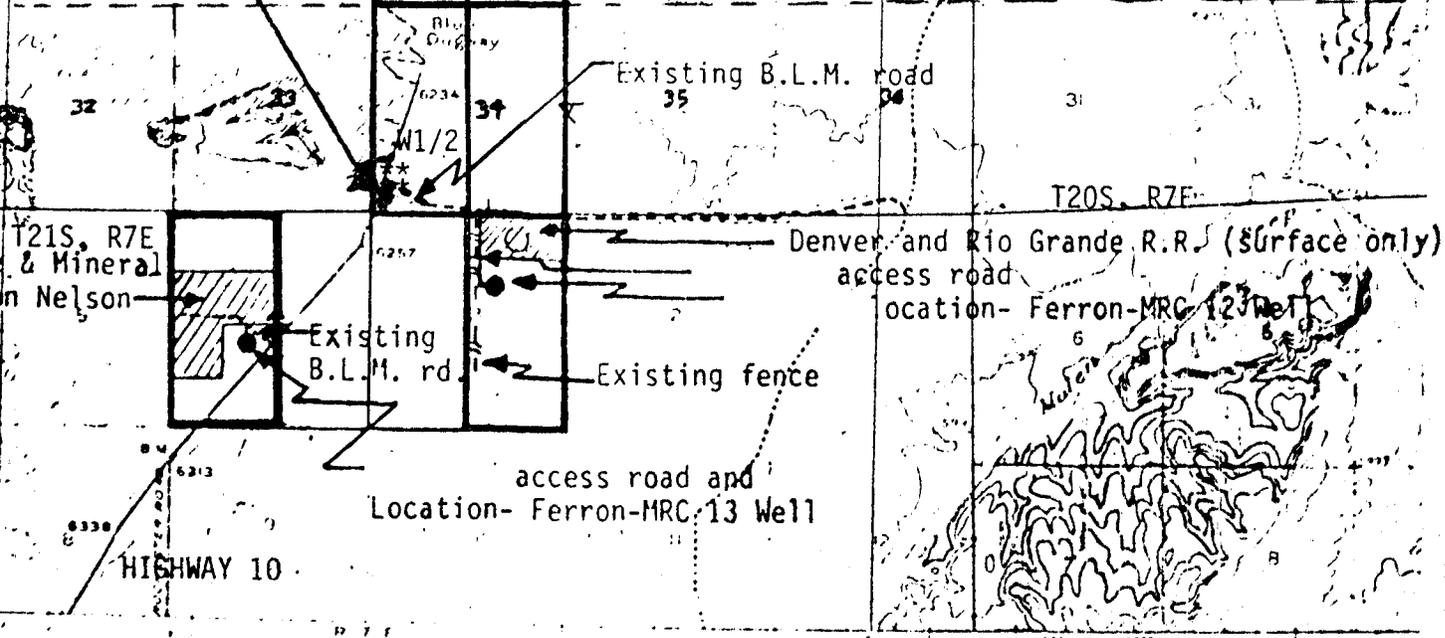
## WELL CONTROL EQUIPMENT

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.

FIGURE 2-A  
 FERRON-MRC 15  
 LOCATION (5/10/83)



\*\* (PROPOSED LOCATION FOR THE FERRON-MRC 15 WELL T20S, R7E, Sec. 34, Emery County, Utah)\*\*



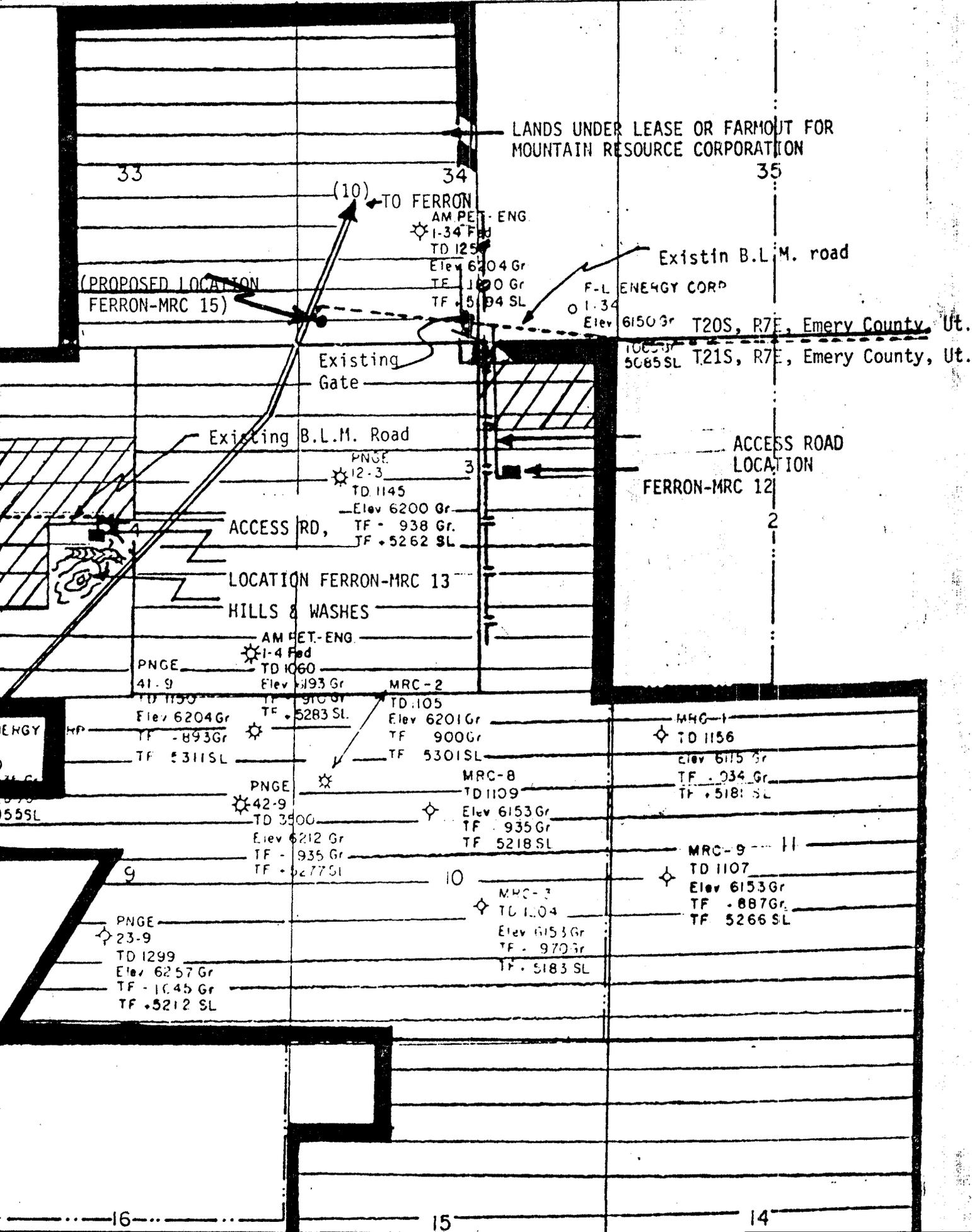
Polynomic projection  
 move projection lines 7  
 10,000 foot grid based  
 rectangular coordinate  
 1000 metre Universal T  
 zone 10, shown in blue

- Existing Roads
- Proposed Access
- Well Locations
- ▨ Private Ownership

NATIONAL GEODESIC SURVEY

# MOUNTAIN RESOURCE CORPORATION

FIGURE 2-B  
 FERRON-MRC 15  
 LOCATION  
 (5/10/83)



LANDS UNDER LEASE OR FARMOUT FOR  
 MOUNTAIN RESOURCE CORPORATION

(PROPOSED LOCATION  
 FERRON-MRC 15)

(10) TO FERRON  
 AM PET-ENG  
 1-34 Fed  
 TD 125  
 Elev 6204 Gr  
 TF 120 Gr  
 TF 5194 SL

Existin B.L.M. road  
 F-L ENERGY CORP  
 01-34  
 Elev 6150 Gr

T20S, R7E, Emery County, Ut.  
 T21S, R7E, Emery County, Ut.

Existing Gate

Existing B.L.M. Road

ACCESS ROAD  
 LOCATION

FERRON-MRC 12

ACCESS RD,

LOCATION FERRON-MRC 13  
 HILLS & WASHES

AM PET-ENG  
 1-4 Fed  
 TD 1060  
 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 .518 SL

PNGE  
 42-9  
 TD 3500  
 Elev 6212 Gr  
 TF .935 Gr  
 TF .6277 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 1104  
 Elev 6153 Gr  
 TF .970 Gr  
 TF .5183 SL

FIGURE 3  
MOUNTAIN RESOURCE  
FERRON\_MRC 15  
SITE LOCATION

NORTH

ACCESS ROAD  
200' TO POWER LINE

PARKING

WELL ACCESS AND SERVICE AREA

280' ft.

500' to WL

Bloolie line

125'

trash  
tools &  
change house

PIT \*

PIT \*

WATER

500' to SL

280 ft.

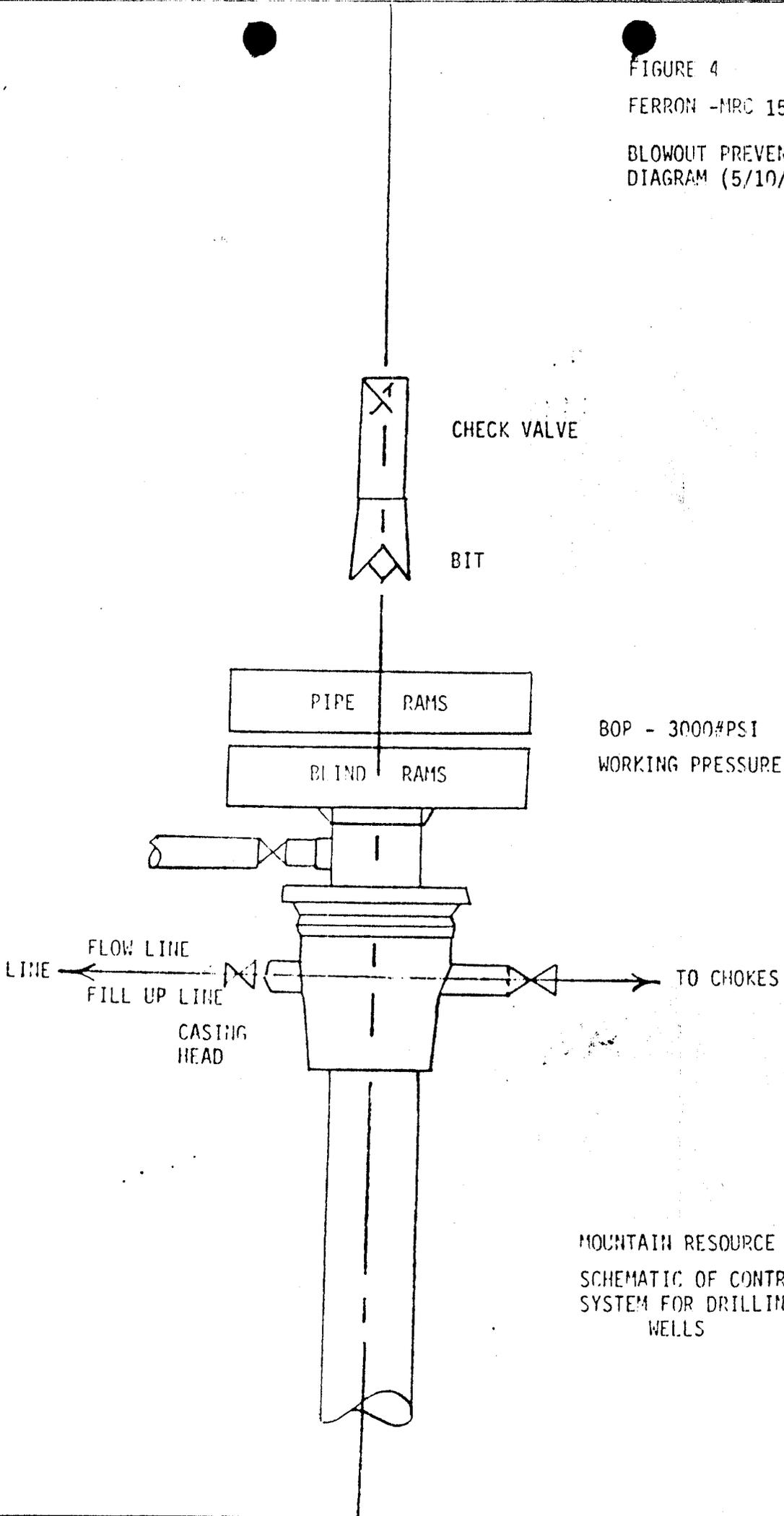
TOWNSHIP 20 SOUTH, RANGE 7 EAST, S.L.B. & M.  
SECTION 34

\*Fenced Pits

FIGURE 4

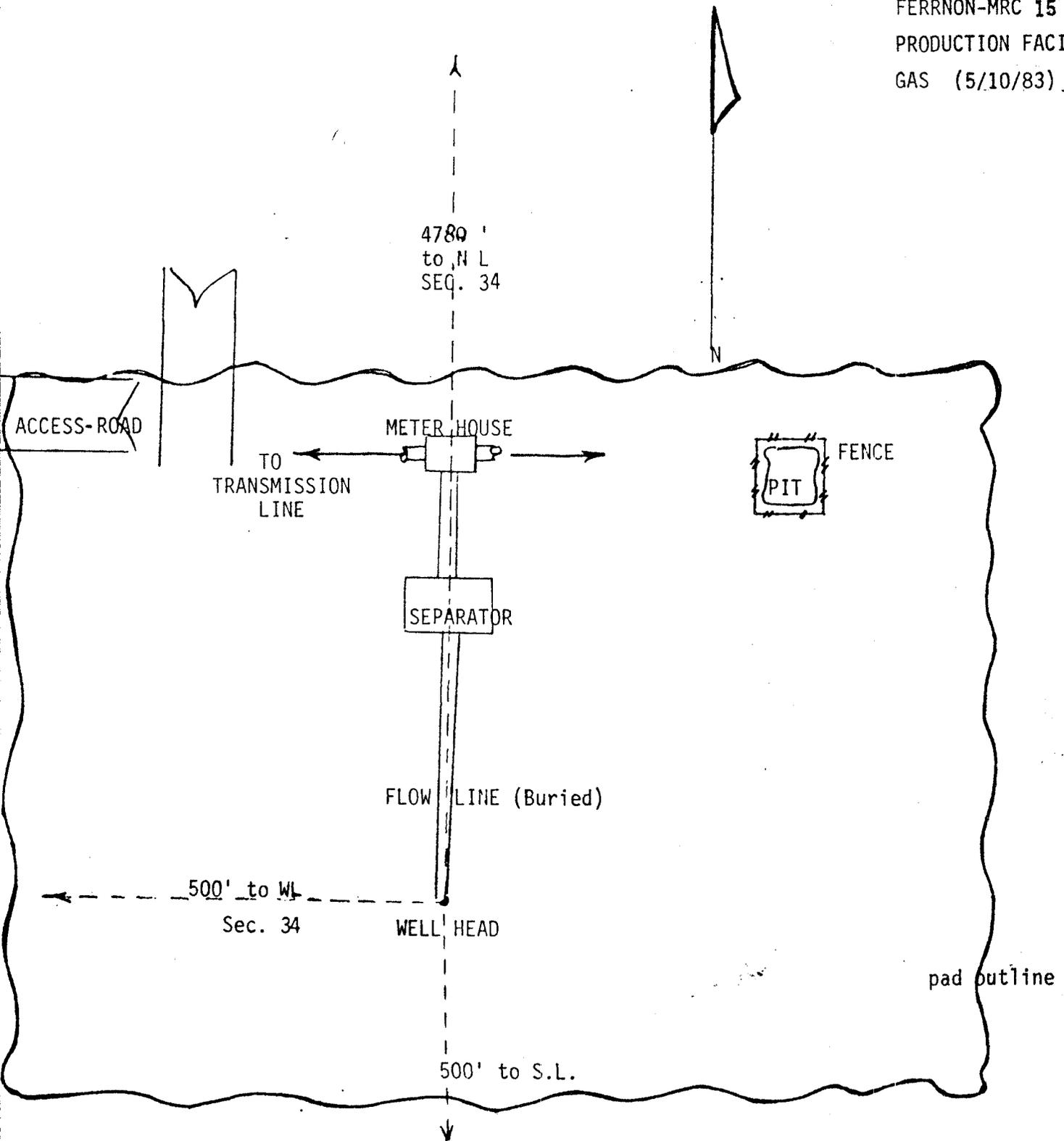
FERRON -MRC 15

BLOWOUT PREVENTER  
DIAGRAM (5/10/83)



MOUNTAIN RESOURCE CORPORATION  
SCHEMATIC OF CONTROL  
SYSTEM FOR DRILLING  
WELLS

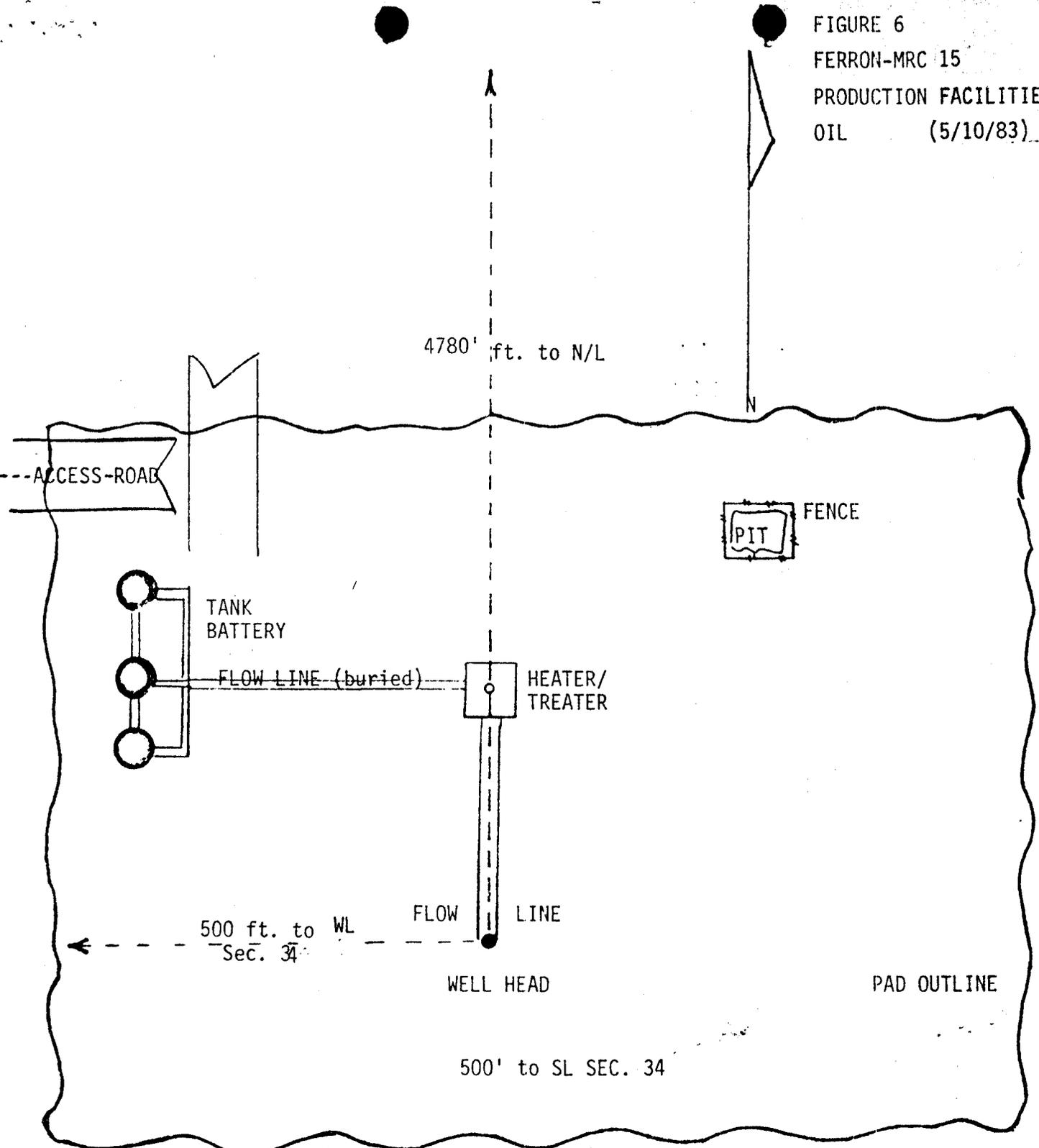
FIGURE 5  
FERRNON-MRC 15  
PRODUCTION FACILITIES  
GAS (5/10/83)



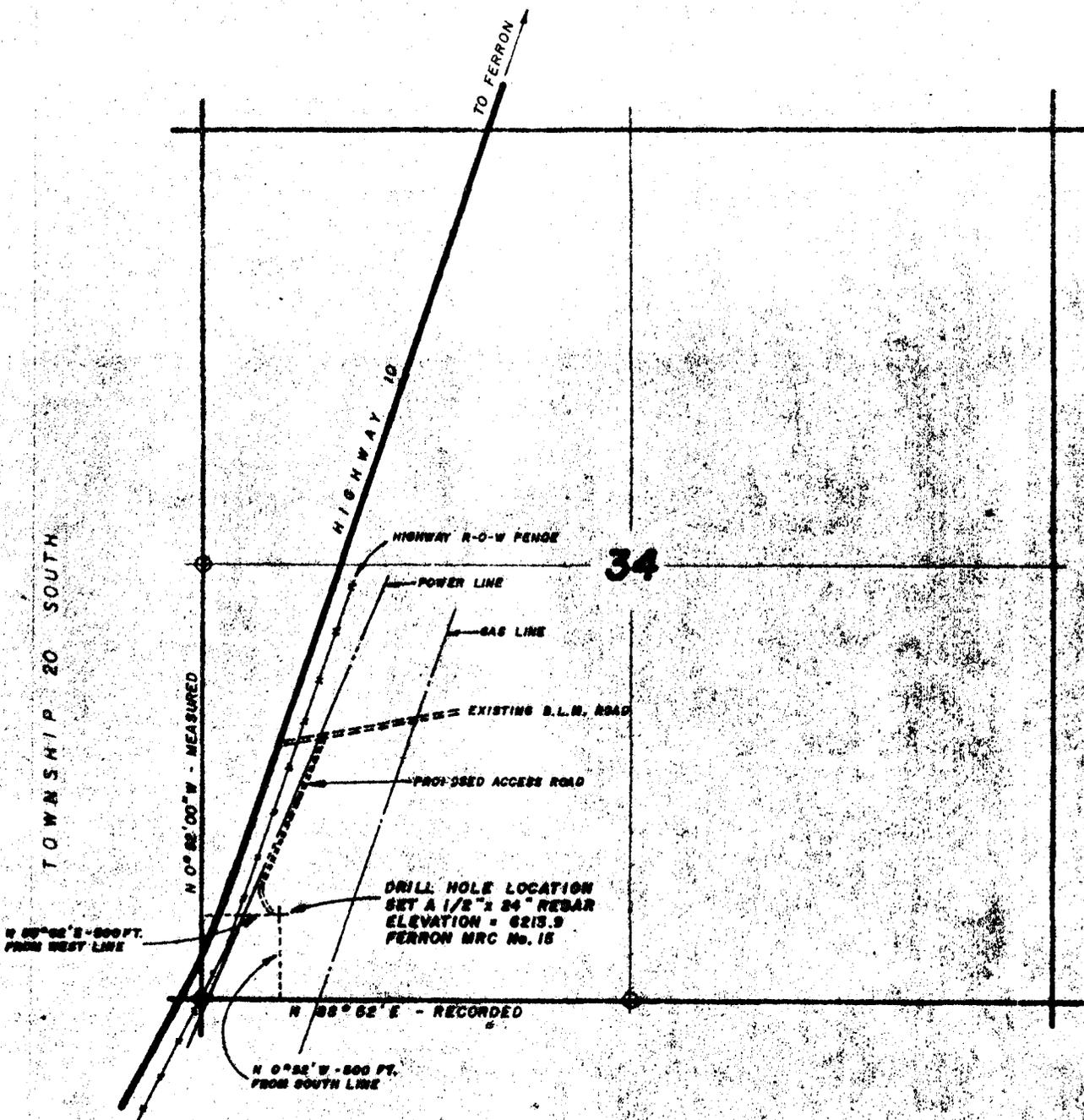
TOWNSHIP 20 SOUTH, RANGE 7 EAST, S.L.B.M.

SECTION 34

FIGURE 6  
FERRON-MRC 15  
PRODUCTION FACILITIES  
OIL (5/10/83)



TOWNSHIP 20 SOUTH, RANGE 7 EAST, S.L.B.M.  
SECTION 34



**Basis Of Bearing**

N 88° 52' E - Between The Southwest Corner And The South 1/4 Corner Of Section 34, T20S, R7E, S.L.B. & M., Obtained From G.L.O. Plat Dated June 21, 1965

**Legend**

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

**Surveyors Certificate**

I, EVAN E. NANSEN, 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. Nansen

8/18/65  
[ 010 ]

<b>Empire Engineering</b>		
86 North 200 East Price, Utah 84501		
<b>Mountain Resource Corp.</b>		
Ferron MRC No. 15 - Drill Hole Location		
DRAWN BY <b>B.L.P.</b>	APPROVED BY	DATE
4-30-65		1-1000'

OPERATOR Mountain Resource Corp DATE 6-27-83  
WELL NAME Ferron-MRC #15  
SEC SWSW 34 T 205 R 7E COUNTY Emery

43-015-30169  
API NUMBER

Prod.  
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

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

✓ CHIEF PETROLEUM ENGINEER REVIEW:  
6/28/83

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

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a 7-9 4/26/83  
CAUSE NO. & DATE  
 c-3-b  c-3-c

SPECIAL LANGUAGE:

*prior to spudding*  
~~that~~ you must submit a copy of the  
Utah Division of Water Rights (801-533-4071)  
approval for water to be used at the drilling  
site, otherwise ~~this~~ approval to drill the  
Ferron MCR 15 is void.

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 7-9 4-26-83

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.

June 27, 1983

Mountain Resource Corporation  
1800 South West Temple # 302  
P. O. Box 27444  
Salt Lake City, Utah 84127

RE: Well No. Ferron-MRC # 15  
SWSW Sec. 34, T. 20S, R. 7E.  
500' FSL, 500' FWL  
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 dated No. 7-9 dated 4-26-83. Prior to spudding you must submit a copy of the Utah Division of Water Rights (801-533-6071) approval for water to be used at the drilling site, otherwise approval to drill the Ferron MRC # 15 is void.

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

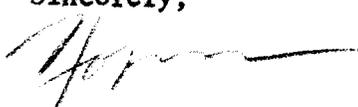
RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

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 43-015-30169.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/cf  
cc: Oil & Gas Operations

Enclosures

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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: MOUNTAIN RESOURCE CORPORATION

WELL NAME: FERRON - MRC #15

SECTION SWSW 34 TOWNSHIP 20S RANGE 7E COUNTY Emery

DRILLING CONTRACTOR Frontier

RIG # 3

SPUDDED: DATE 12-16-83

TIME 9:00 AM

HOW Rotary

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

REPORTED BY Fred Yeager

TELEPHONE # 487-1773

*Roy Hansen*  
*487-1773*  
*Trying to straighten*  
*out with water*  
*rights 3:45*  
*(Add to #17 #18 #19)*

*Okayed by Mark*  
*Page 3:55 12/22/83*

DATE 12-16-83 SIGNED \_\_\_\_\_ AS \_\_\_\_\_

*Liz - Said they thought the MRC 15 was included with water for MRC 16, but paper work didn't show it. She will ask Mark Page (water rights) to call.*

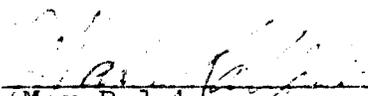
*[Signature]*  
*12-22-83*

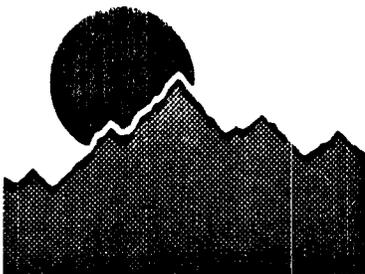
Max Ralphs  
P. O. Box 340  
Ferron, Utah 84523

**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, 18, 19, and 20 Wells in Emery County, Utah.

Dated this 23 day of December, 1983

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



**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 $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 34

**RECEIVED**  
JAN 20 1984

**DIVISION OF  
OIL, GAS & MINING**

APPLICATION NO. 83-95-22  
DISTRIBUTION SYSTEM

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

RECEIVED  
JAN 30 1984

RECEIVED  
DEC 28 1983

(To Be Filed in Duplicate)

DIVISION OF  
OIL, GAS & MINING

Salt Lake City, Utah December 19 1983  
Place Date STATE ENGINEER

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.

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

PAST USE OF WATER

- The flow of water which has been used in second feet is
- The quantity of water which has been used in acre feet is 251 af
- The water has been used each year from March 1 to December 1 incl.  
(Month) (Day) (Month) (Day)
- The water has been stored each year from November 1 to May 1 incl.  
(Month) (Day) (Month) (Day)
- The direct source of supply is Muddy Creek in Emery County.
- The water has been diverted into North Fork Muddy Creek at a point located North 2° 59' West 14,893 feet from the SW corner Sec. 33, T20S, R4E, SLB&M
- 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

- The flow of water to be changed in cubic feet per second is
- The quantity of water to be changed in acre-feet is 2.0 af
- The water will be diverted into the ditch at a point located from a Regulating reservoir located in the SW1/4NW1/4 Section 9, T21S, R7E SLB&M located on land owned by Max H. Ralphs (see attached)
- The change will be made from January 1, 1984, to August 1, 1984.  
(Period must not exceed one year)
- 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 descriptions for well locations).
- The water involved herein has heretofore been temporarily changed 0 years prior to this application.  
(List years change has been made)
- 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 advertising this change, or both, upon the request of the State Engineer.

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 by mail
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 Mtn. Resources Corp.

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

WELL STATUS

Mark P. Pagi, Area Engineer
FOR State Engineer

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 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW1/4SW1/4 Sec 34 (500 FWL, 500  
AT TOP PROD. INTERVAL: FSL)  
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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	

5. LEASE  
U-09712-A

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 #15

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T20S, R7E

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30169

15. ELEVATIONS (SHOW DE, KDB, AND WD)  
6214 GR

(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.)\*

in process of plugging and abandoning well

**RECEIVED**  
JAN 25 1984

**DIVISION OF  
OIL, GAS & MINING**

**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 1/15/84

(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

**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, SLC, Utah 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
SW1/4SW1/4 Section 34 (500 FWL, 500 AT SURFACE: FSL)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-09712-A ✓

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 #15

10. FIELD OR WILDCAT NAME  
Ferron Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 34, T20S, R7E

12. COUNTY OR PARISH 13. STATE  
Emery Utah

14. API NO.  
43-015-03169

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GR 6214

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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	

(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.)\*

Proposed operations for plugging and abandoning the well:

<u>Operation</u>	<u>Depth</u>	<u>Material</u>
✓ 1. Place 50' plug (25' above & below bottom of surface casing)	85'-135'	Class G Cement
✓ 2. Place 50' plug (25' above & below Ferron Sand/mancos shale interface)	960'-1010'	Class G Cement
✓ 3. Place 50' plug (at TD, Mancos shale/ferron sands interface)	1190-1243'	Class G Cement
✓ 4. Place plug at top of Well and set regulation plug & abandon marker in cement cap (class G Cement)		

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 2/27/84

(This space for Federal or State office use)

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

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

**CONFIDENTIAL**

See Instructions on Reverse Side

Claudia,  
I talked to Liz  
She will send in  
Subsequent. Please  
do not send Letter.

1-2-85

SB

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

13

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

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
				DIFF. RESVR. <input type="checkbox"/>	Other <u>Plug &amp; Abandon</u>
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 SW1/4SW1/4 (500' FSL, 500' FWL) At top prod. interval reported below see above At total depth see above					
14. PERMIT NO. 43-015-03169			DATE ISSUED 6/9/83		12. COUNTY OR PARISH Emery
					13. STATE Utah
15. DATE SPUDDED 12/17/83	16. DATE T.D. REACHED 12/19/83	17. DATE COMPL. (Ready to prod.) P&A 3/23/84	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6214 GR	19. ELEV. CASINGHEAD 6214	
20. TOTAL DEPTH, MD & TVD 1243 ft	21. PLUG, BACK T.D., MD & TVD -----	22. IF MULTIPLE COMPL., HOW MANY* -----	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS Rotary	CABLE TOOLS -----
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None - P&A (3/23/84)					25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction Guard, Compensated density neutron and computer analysed					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 5/8"	20 lb/ft	107'	9 1/2"	to surface	none
(open hole to	1243 ft. T.D.)		6 1/2"		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	n/a				n/a		

31. PERFORATION RECORD (Interval, size and number) 9:19#/ gal KCL mud in hole		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
0-50'	20 sacs - G 15#/gal		
85'-135'	10 sacs - G 15#/gal		
960'-1010'	10 sacs - G 15#/gal		
1190'-1243'	10 sacs - G 15#/gal		

33. PRODUCTION

DATE FIRST PRODUCTION 3/23/84	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	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.	S.G. GRAVITY-API (CORE.)	

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 H. F. Roy Hansen TITLE Vice President DATE 4/17/84

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

# INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			NEAR. DEPTH
			TOP
			TRON. DEPTH
Ferron-MRC #15 Ferron Sandstone	995	1165	Dry Hole - P&A
			Blue Gate Ferron
			Surface 995 ft
			995 FT 1165 FT



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

February 8, 1985

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

Gentlemen:

Re: Well No. Ferron MRC #15 - Sec. 34, T. 20S., R. 7E  
Emery County, Utah - API #43-015-30169

According to our records a "Well Completion Report" filed with this office April 17, 1984 on the above referred to well indicates the following electric logs were run: Dual Induction Guard, Compensated Density Neutron and Computer analysed. This office has not yet received these logs.

Also according to the "Well Completion Report" this well is plugged and abandoned. This office has not received the "Sundry Notice" of subsequent abandonment on this well.

Please take care of this matter as soon as possible, but not later than March 7, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0087S/37