

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Mountain Fuel Supply Company

## 3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

At proposed prod. zone 790' FNL, 890' FWL NW NW

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

20 miles east of Shiprock, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any)

430'

## 16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

- 160 ✓

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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## 19. PROPOSED DEPTH

12,200'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GR 5450'

## 22. APPROX. DATE WORK WELL START\*

When approved

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8 New	54.5#, K-55	150	180 sx w/3% CaCl
12-1/4"	9-5/8 New	36#, K-55	3900	To be determined
8-1/2"	5-1/2 New	20 & 17#, N-80	12,200	To be determined

We would like to drill the subject well to an estimated depth of 12,200', anticipated formation tops are as follows: Kirtland-Fruitland undivided at the surface, Pictured Cliffs 995', Lewis 1095', Cliffhouse 2565', Menefee 2650', Point Lookout 3420', Mancos 3790', Gallup 4760', Greenhorn 5500', Graneros 5565', Dakota 5610', Morrison 5740', Bluff 6500', Summerville 6670', Todilto 6755', Entrada 6785', Chinle 6875', Mossback Member 7890', Monitor Butte Member 7990', Shinarump 8110', DeChelly 8165', Cutler 8260', Honaker Trail 9825', Paradox 10,270', Ismay Zone 10,700', Desert Creek Zone 10,910', Akah Zone 11,040', Barker Creek Zone 11,270', Molas 11,800', Mississippian 11,900', and Precambrian 12,100'. Mud will be adequate to contain formation fluids & blowout preventers will be checked daily & pressure tested after each string of casing is set, expect oil/gas from 10,700' to 11,800' & from 11,900' to 12,100', no cores, 10 DST's starting at 6200', logging unit from 0' to TD, about 60 days drilling time, no abnormal pressures, temperatures, or H2S expected, plan to run DIL, BHC Sonic-GR & FDC/CNL logs.

NMERB Requirement: Gas not dedicated at this time.

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

TITLE

Manager, Drilling and  
Petroleum Engineering

DATE

March 29, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

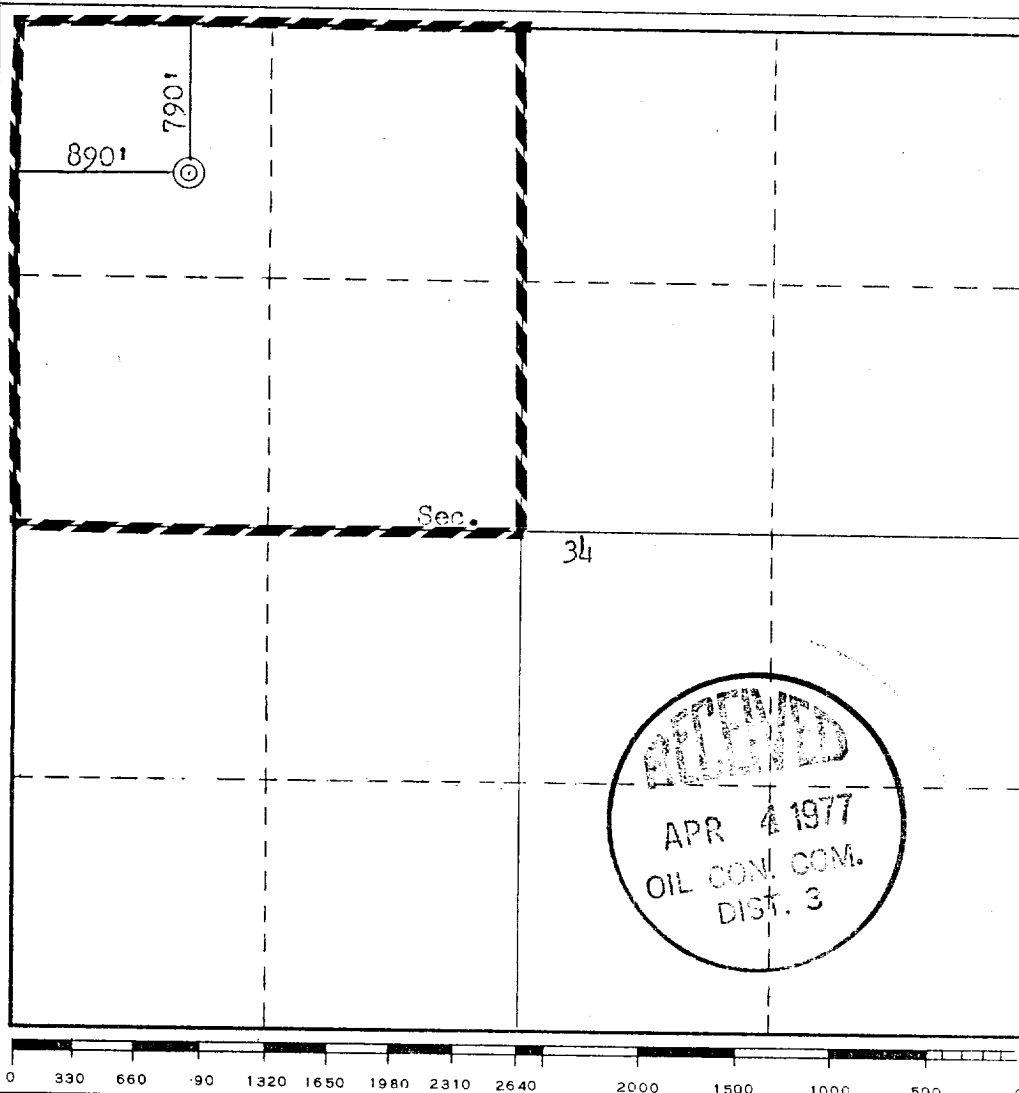
Operator Mountain Fuel Supply Company			Lease Dain		Well No. 1
Unit Letter D	Section 34	Township 30N	Range 14W	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 890 feet from the West line					
Ground Level Elev. 5451	Producing Formation Precambrian	Pool Undesignated	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Stan M. Fabian*  
Stan M. Fabian

Name  
Chief Field Engineer  
Position  
Mountain Fuel Supply Co.  
Company  
February 21, 1977  
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
February 17, 1977  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr*  
Fred B. Kerr  
Certificate No.  
3950