

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

Caulkins Oil Company

## 3. ADDRESS OF OPERATOR

Box 780, Farmington, New Mexico

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

At surface

890 feet from North line and 990 feet from East line of

At proposed prod. zone

Section 10-26 N-6W

same

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

30 miles southeast of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. line, if any)

890 feet

## 16. NO. OF ACRES IN LEASE

2400

## 17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

679 ft. from

C-135

## 19. PROPOSED DEPTH

7700

## 20. ROTARY OR CABLE TOOLS

Rotary

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

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

November 24, 1963

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 13-3/4"      | 9-5/8"         | 32.30# H-40     | 262 feet      | 200 sacks          |
| 7-7/8"       | 4-1/2"         | 10.5 & 11.6     | 7700 feet     | 650 sacks          |

It is proposed to drill with mud to approximately 7700' to test the Dakota formation.

The 9-5/8" casing will be cemented top to bottom.

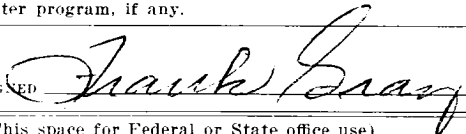
The 4 1/2" casing string shall consist of 11.6# J-55 casing from 0 to 950, 10.5# J-55 casing from 950 to 6700 and 11.6# from 6700 to 7700 feet. This string will be cemented through shoe with 150 sacks 12% gel cement containing 12 1/2# gilsonite per sack followed by 100 sacks latex cement. It will also be cemented through a stage collar at approximately 5600' with 350 sacks 12% gel cement containing 12 1/2# gilsonite per sack followed by 50 sacks neat. The second stage is 150% of the calculated volume required to cover the Mesa Verde and Pictured Cliffs zones.

All drilling below surface casing will be done with a double pressure operated blowout preventer in operation at all times. The 4 1/2" casing through the Dakota zone will be perforated and the well sand/water fractured to obtain the best completion.

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

Superintendent

DATE

November 24, 1963

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 27 1963

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

# NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

### SECTION A.

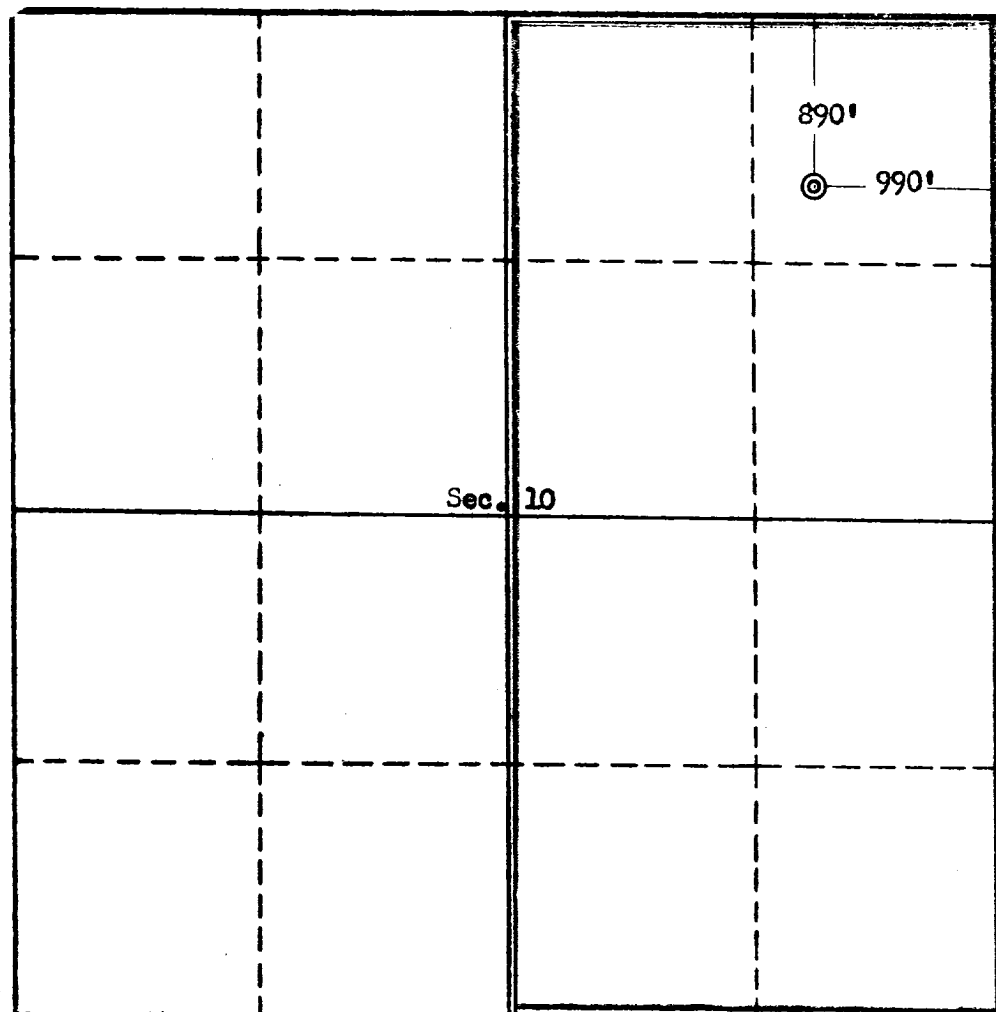
Date November 24, 1963  
Operator Caulkins Oil Company Lease Breech "A"  
Well No. D-136 Unit Letter A Section 10 Township 26 North Range 6 West NMPM  
Located 890 Feet From North Line, 990 Feet From East Line  
County Rio Arriba G. L. Elevation 6633 Dedicated Acreage 320 (E $\frac{1}{2}$ ) Acres  
Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes XX No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes No If answer is "Yes," Type of Consolidation
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

### SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Caulkins Oil Company

(OPERATOR)

*Frank O. Gray*  
Frank O. Gray  
(REPRESENTATIVE)

Box 780, Farmington, N.M.

(ADDRESS)

This is to certify that the well location shown on the plat in Section B 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 Nov. 22, 1963

Four States Engineering Co.  
FARMINGTON, NEW MEXICO

*Emmet V. Echols*  
REGISTERED ENGINEER OR  
LAND SURVEYOR

Certificate No. 3602

