

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

Socony Mobil Oil Company, Inc.

## 3. ADDRESS OF OPERATOR

10737 South Shoemaker Avenue, Santa Fe Springs, California

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

At surface 790' North of South line and 790' East of West line of  
said Section 18.

At proposed prod. zone

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

35 miles South of Dulce, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

790'

## 16. NO. OF ACRES IN LEASE

2508.2

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL 146.6

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

3700'

## 19. PROPOSED DEPTH

3750'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Ground 6953'

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

June 10, 1964

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT   |
|--------------|----------------|-----------------|---------------|----------------------|
| 9-7/8"       | 7-5/8"         | 29.7#           | 300'          | Circulate to Surface |
| 6-3/4"       | 4-1/2"         | 9.5#            | 3750'         | 80 box               |

It is proposed to drill a gas well to the Pictured Cliffs as follows:

1. Drill 9-7/8" hole to 300' and cement 300' of 7-5/8" casg. circulating cement to surface. W.O.C. and press.-test to 600 psi for 30 min.
2. Drill 6-3/4" hole to 3575' and 6-1/4" hole to 3575'/3750'.
3. Run logs. Cement 4-1/2" casg. at 3750'. Top of cement above 3150'. W.O.C. and press.-test to 4000 psi.
4. Perforate and frac. P.C.
5. Stabilize pressure, run 2-1/16" tubing, circulate out sand fill, swab and put in production.

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 F. M. Burback By RRP TITLE District Engineer DATE June 4, 1964

(This space for Federal or State office use)

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

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

\*See Instructions On Reverse Side

USGS FMA 7  
NMCC  
FILE FMB 1  
MEYER 1

## 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.

|                           |     |
|---------------------------|-----|
| NUMBER OF COPIES RECEIVED |     |
| DISTRIBUTION              |     |
| SANTA FE                  |     |
| FILE                      |     |
| U.S.G.S.                  |     |
| LAND OFFICE               |     |
| TRANSPORTER               | OIL |
|                           | GAS |
| PRODUCTION OFFICE         |     |
| OPERATOR                  |     |

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

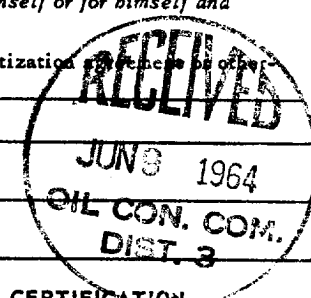
FORM C-100  
 Revised 5/1/57

**SECTION A**

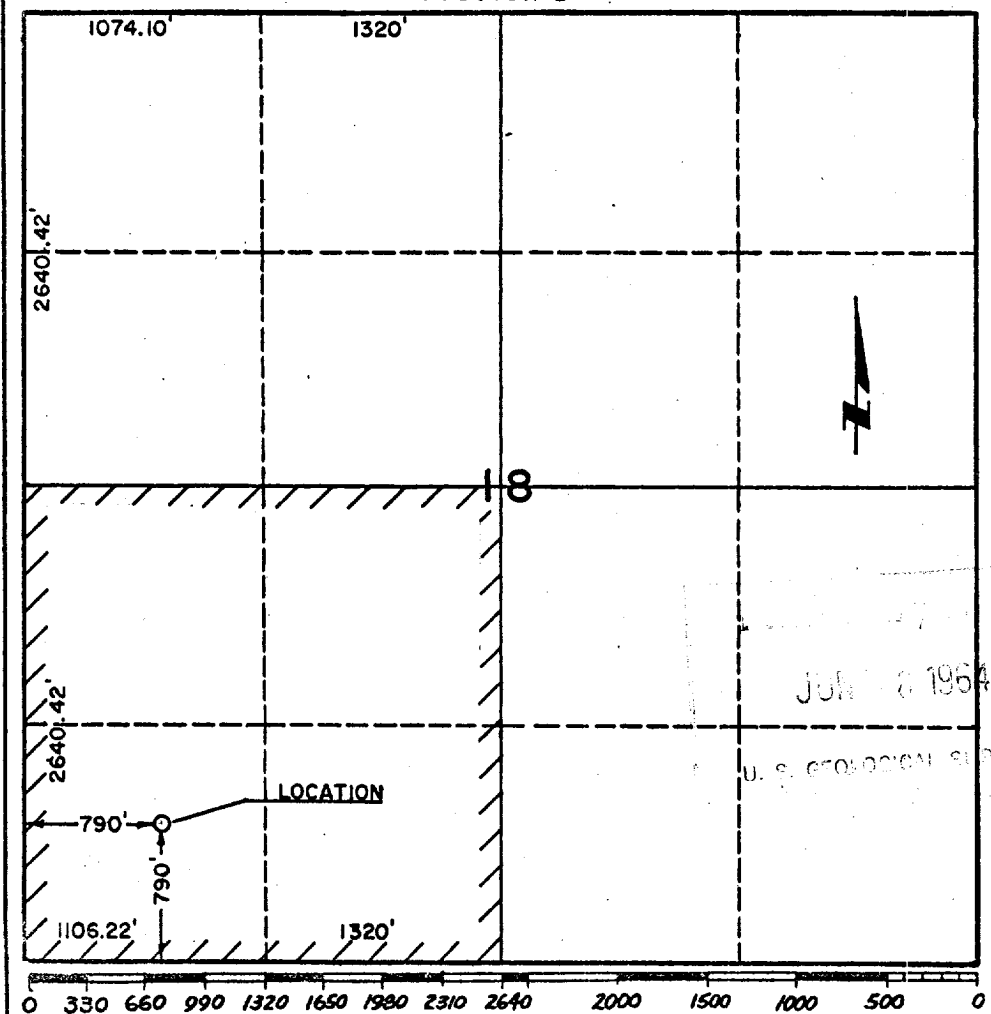
|                                                                                                  |                                        |                        |                                   |                      |
|--------------------------------------------------------------------------------------------------|----------------------------------------|------------------------|-----------------------------------|----------------------|
| Operator<br>Socony Mobil Oil Company, Inc.                                                       |                                        | Lease<br>Jicarilla "B" |                                   | Well No.<br>7        |
| Unit Letter<br>M                                                                                 | Section<br>18                          | Township<br>26N        | Range<br>3W                       | County<br>Rio Arriba |
| Actual Footage Location of Well:<br>790 feet from the South line and 790 feet from the West line |                                        |                        |                                   |                      |
| Ground Level Elev.<br>6953                                                                       | Producing Formation<br>Pictured Cliffs | Pool<br>Tapacito       | Dedicated Acreage:<br>146.6 Acres |                      |

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization 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**



**CERTIFICATION**

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

|                                       |
|---------------------------------------|
| Name<br>F. M. Burbach                 |
| Position<br>Dist. Engineer            |
| Company<br>Socony Mobil Oil Co., Inc. |
| Date<br>June 3, 1964                  |

I hereby 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<br>May 22, 1964                                           |
| Registered Professional Engineer and/or Land Surveyor<br>R. L. Pedersen |
| Certificate No.<br>15 3330                                              |

XERO COPY XERO COPY

## INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.