

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 So. Shoemaker Ave., Santa Fe Springs, California

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

At surface

790' from the north line and 1850' from the east  
line of said Section 17.

At proposed prod. zone

Same as above.

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

35 miles south of Dulce, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

790'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

3500'

## 16. NO. OF ACRES IN LEASE

2520

## 19. PROPOSED DEPTH

6050'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Ground 7152'

## 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
12-1/4"	9-5/8"	40#	300	Circulate to surface
8-3/4"	7"	23#	3960	110 sax
6-1/4"	4-1/2" Liner	10.5#	3810/6050	200 sax

It is proposed to drill a gas well to the Mesa Verde as follows:

1. Drill 12-1/4" hole to 300' and cement 300' of 9-5/8" csg. circulating cement to surface. W.O.C. and press.-test to 600 psi for 30 min.
2. Drill 8-3/4" hole to 3960. Run I.E. log. Cement 7" csg. at 3960 and bring cement above 3150'. W.O.C. and press.-test to 1500 psi for 30 min.
3. Drill 6-1/4" hole 3960'/6050' with gas. Record and gauge all natural gas shows. Run logs.
4. Cement 4-1/2" liner 6050'/3810'. Circulate cement returns from above top of liner. W.O.C. and cleanout 50' below deepest anticipated perforations. Press.-test csg. and liner to 4000 psi.
5. NOTE: If it is decided to complete Pictured Cliffs, Notice of Change of Plans will be issued. If Pictured Cliffs is not completed, continue with perforating and
6. fracing Mesa Verde. Stabilize pressure; run 2-1/16" tubing, 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 *F.M. Burback* *By RSP* TITLE District Engineer DATE June 4, 1964

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

USGS Fina 7  
N.M.C.L.  
FIRE FMB 1  
MEYER 1

\*See Instructions On Reverse Side

## 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  
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-123  
Revised 5/1/57

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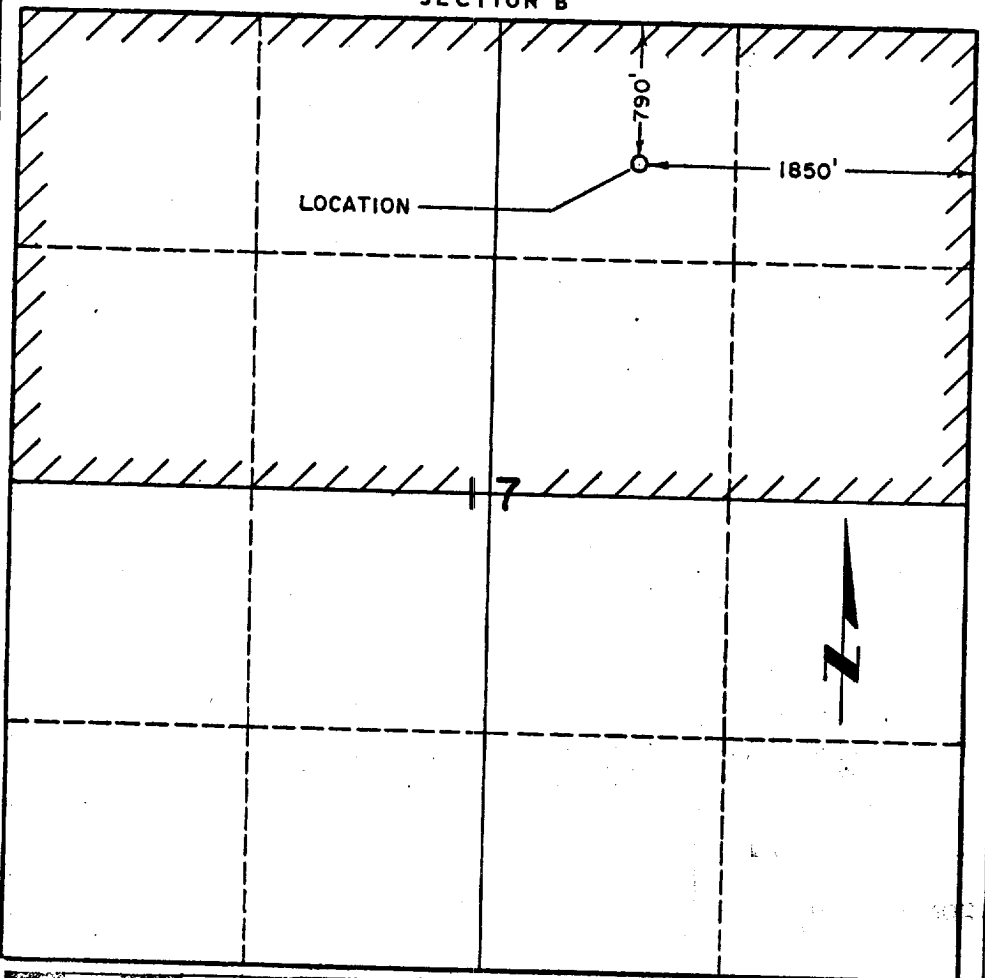
SECTION A

Operator Socony Mobil Oil Company, Inc.		Lease Cheney-Federal		Well No. 3
Unit Letter B	Section 17	Township 26N	Range 2W	County Rio Arriba
Actual Footage Location of Well: 790 feet from the North line and 1850 feet from the East line				
Ground Level Elev. 7152	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage: 320 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 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



CERTIFICATION

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

Name F. M. Burback
Position District Engineer
Company Socony Mobil Oil Co., Inc.
Date 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 May 25, 1964
Registered Professional Engineer and/or Land Surveyor Certificate No. R. L. Pedersen 15-3330

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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.