

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Contr. #97	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Socony Mobil Oil Company, Inc.		7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR 10737 So. Shoemaker Ave., Santa Fe Springs, California		8. FARM OR LEASE NAME Jicarilla "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' North of South line and 1700' West of East line of said Sec. 8. At proposed prod. zone Same as above.		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 35 miles South of Dulce, New Mexico		10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1700'	16. NO. OF ACRES IN LEASE 2503.9	11. SEC., T., R., M., OR BLK. AND SURV. AREA Sec. 8, T20N, R3E, NMR	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1850'	19. PROPOSED DEPTH 3935'	12. COUNTY OR PARISH Rio Arriba	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground 7075'		13. STATE New Mexico	
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#	3935'	50 sex

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

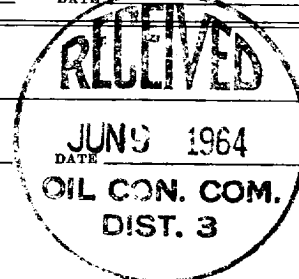
1. Drill 9-7/8" hole to 300' and cement 300' of 7-5/8" csg. circulating cement to surface. W.O.C. and press.-test to 600 psi for 30 min.
2. Drill 6-3/4" hole to 3720' and 4-1/2" hole 3720'/3935'.
3. Run logs. Cement 4-1/2" csg. at 3935'. Top of cement above 5300'. W.O.C. and press.-test to 4000 psi.
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. F. M. Burbach		DATE June 4, 1964	
SIGNED F. M. Burbach	TITLE District Engineer		
(This space for Federal or State office use)			
PERMIT NO. _____		APPROVAL DATE _____	
APPROVED BY _____		TITLE _____	
CONDITIONS OF APPROVAL, IF ANY:			

USGS FMN 7 clear
NMDC
FIVE FMN 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.

XERO COPY XERO COPY

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

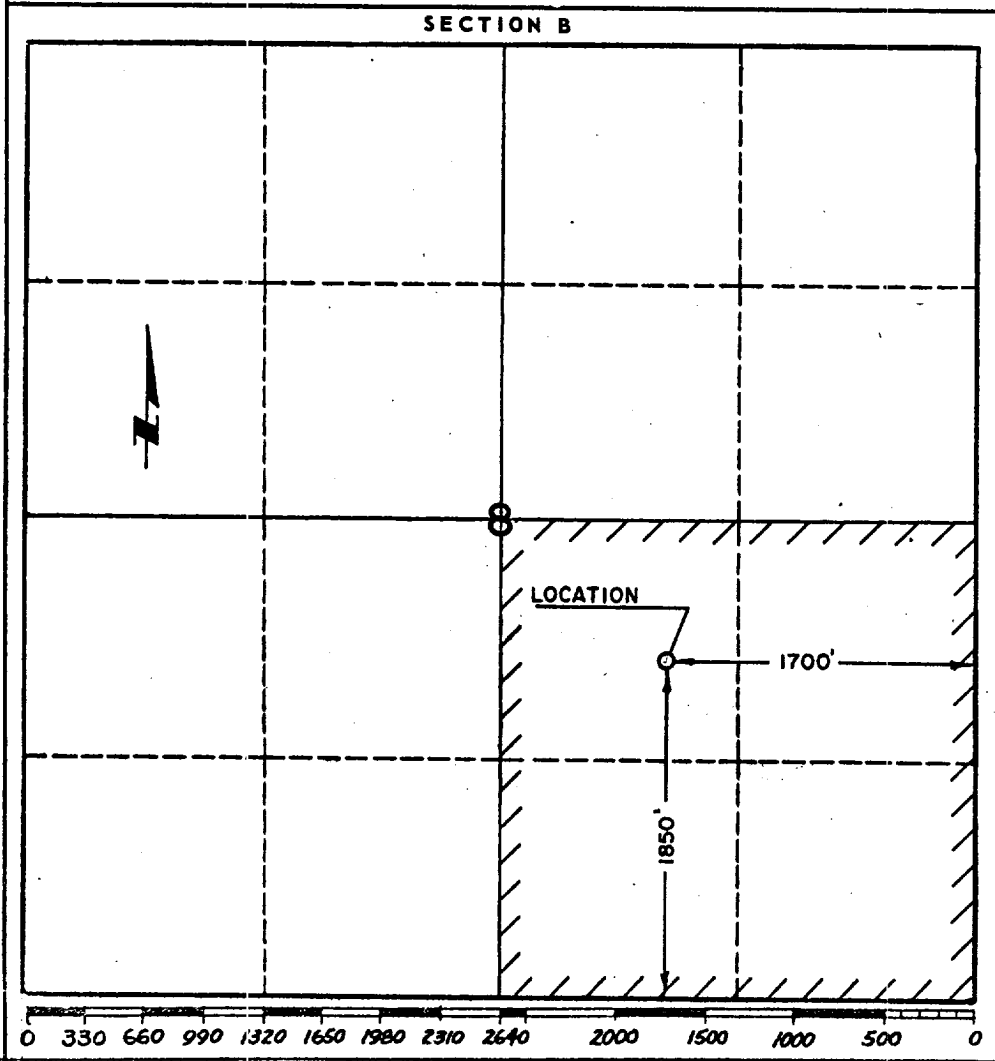
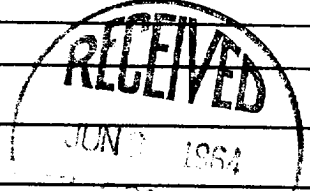
NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-123
Revised 5/1/57

SECTION A					
Operator Socony Mobil Oil Company, Inc.			Lease Jicarilla "C"		Well No. 5
Unit Letter J	Section 8	Township 26N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1700 feet from the East line					
Ground Level Elev. 7079'	Producing Formation Pictured Cliffs		Pool Tapacito	Dedicated Acreage: 160 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



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	Reynold L. Pedersen
Certificate No.	15-3330

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.