

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

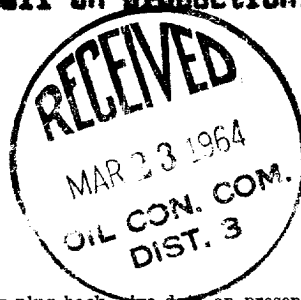
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-6369	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR John F. Mitchell			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3348 - Durango, Colorado			8. FARM OR LEASE NAME Mitchell	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL x 660' FEL Sec.5-29N-17W, NMPH At proposed prod. zone			9. WELL NO. #1 Navajo	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles SE of Shiprock, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'		16. NO. OF ACRES IN LEASE 660.20	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.5-29N-17W, NMPH	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		17. NO. OF ACRES ASSIGNED TO THIS WELL 40.00	12. COUNTY OR PARISH San Juan	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5014 G.L.		19. PROPOSED DEPTH 700' Gallup	13. STATE New Mexico	
20. ROTARY OR CABLE TOOLS Rotary (Air)		22. APPROX. DATE WORK WILL START* March 25, 1964		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

It is intended to drill a 700' Gallup test in the following manner: Drill 8-X" hole to 30' and cement 7" casing to surface. Drill 6-X" hole to approximately 700' with air. If commercial production is encountered, set 4-1/2" casing and sand-oil frac. Put well on 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 John F. Mitchell TITLE Operator DATE March 19, 1964
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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.

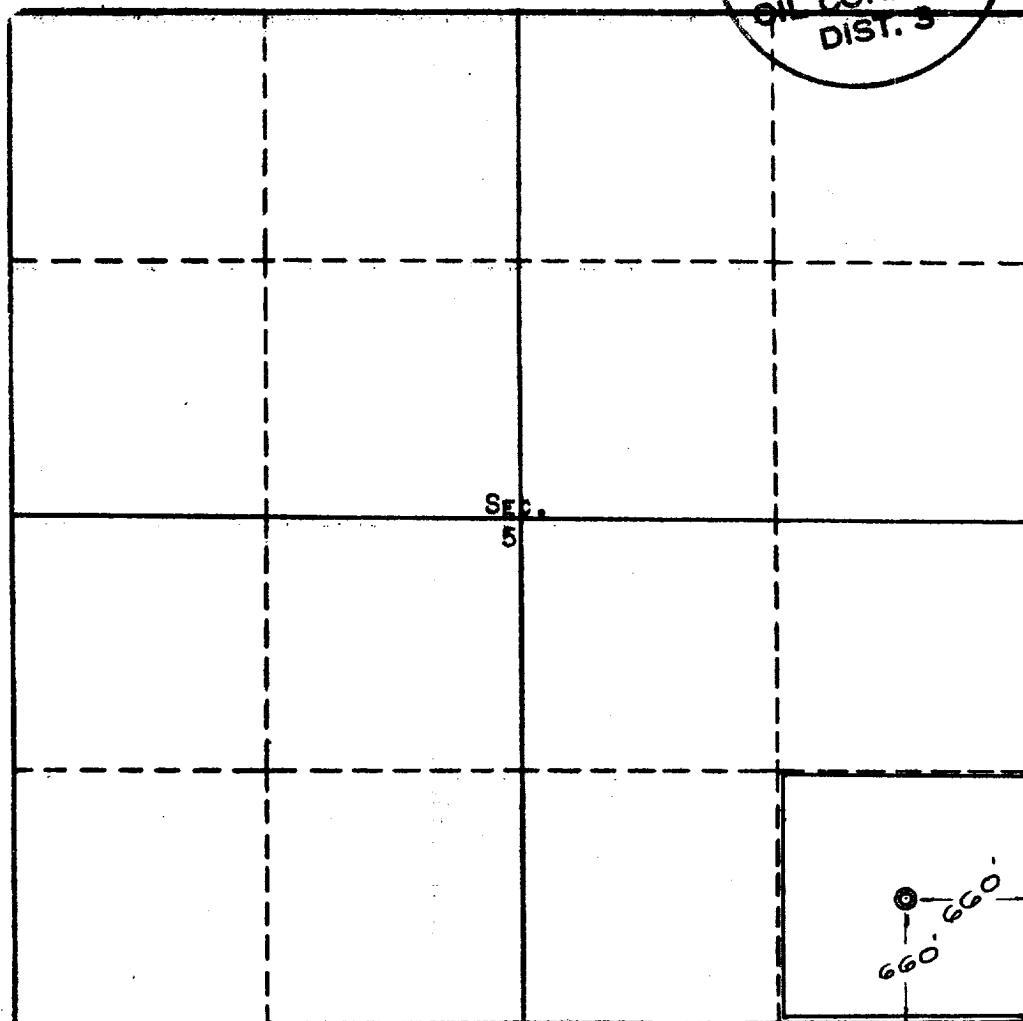
Operator John F. Mitchell Date March 19, 1964
 Lease 14-20-603-6369
 Well No. 1 Unit Letter P Section 5 Township 29 NORTH Range 17 WEST NMPM
 Located 660 Feet From SOUTH Line, 660 Feet From EAST Line
 County SAN JUAN G. L. Elevation 5014 Dedicated Acreage 40.00 Acres
 Name of Producing Formation Gallup Pool Wildcat

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes ☒ No ☐
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.



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

JOHN F. MITCHELL

(OPERATOR)

John F. Mitchell
 (REPRESENTATIVE)

P. O. BOX 3348
 DURANGO, COLORADO

(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 MARCH 12, 1964

Four States Engineering Co.
 FARMINGTON, NEW MEXICO

Ernest T. Cookshaw
 REGISTERED ENGINEER OR
 LAND SURVEYOR

Certificate No. 3602