

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

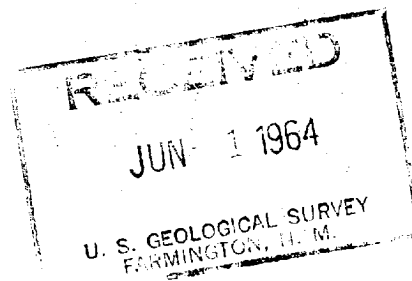
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-3012		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal		
2. NAME OF OPERATOR Curtis J. Little			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 2220 Santa Fe Plaza, Albuquerque, New Mexico			8. FARM OR LEASE NAME Navajo		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' sec. 27 At proposed prod. zone			9. WELL NO. 17-27		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles N. Shiprock			10. FIELD AND POOL, OR WILDCAT Manyhook-Gallup		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 1650			11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA sec. 27, T. 23N, R. 17E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000' plus			12. COUNTY OR PARISH San Juan		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5457 to 5452 DF			13. STATE New Mexico		
22. APPROX. DATE WORK WILL START* 6-1-64			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
20. ROTARY OR CABLE TOOLS Rotary			19. PROPOSED DEPTH 1600		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 5/8	7 5/8	19.5	31	5 BX
6 1/2	6 1/2	9.5	1713	70 BX

Objective horizon: Gallup sand at 1645
Anticipated TD: Carlile shale at 1690

Plan to perforate oil sand and sand-oil frac in the amounts of
30,000 lbs. & 30,000 gallons



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 Curtis J. Little TITLE Operator DATE 5-30-64
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY GA 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 Form

SECTION A

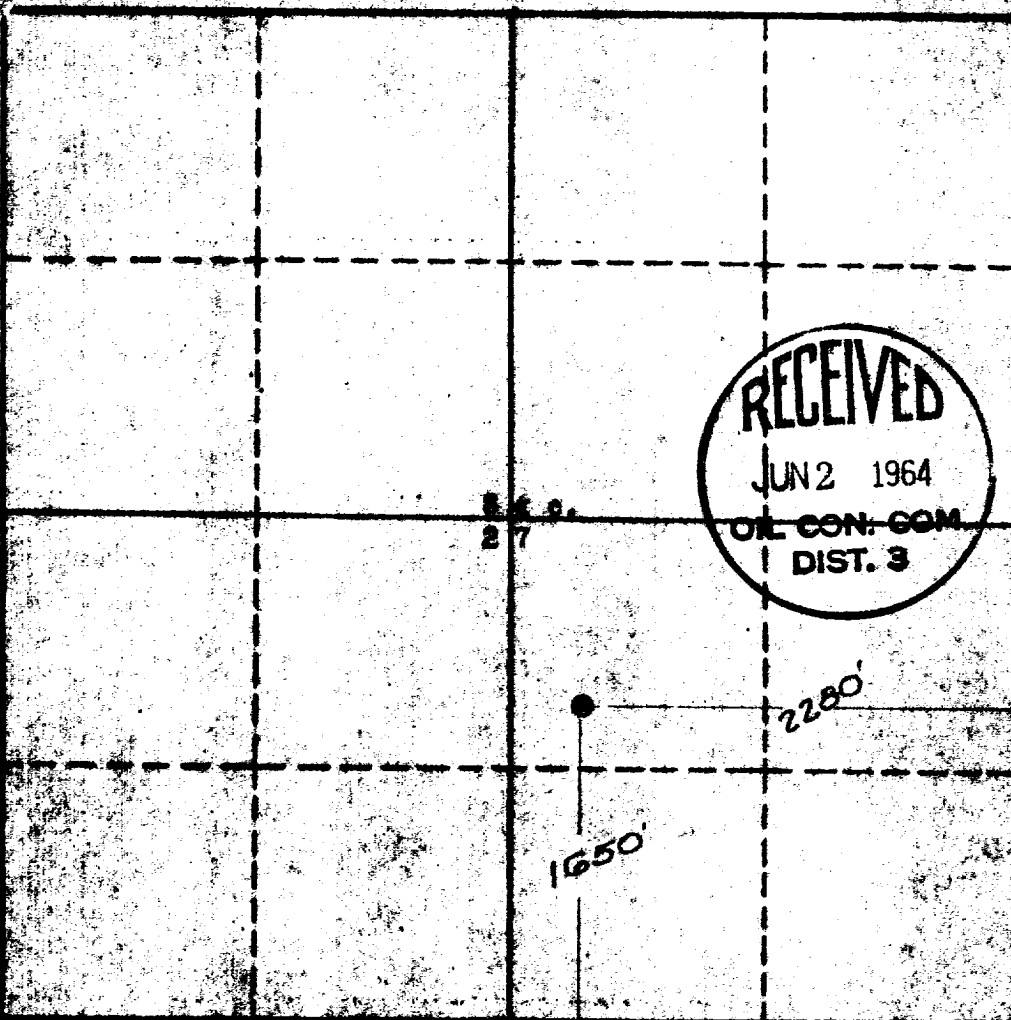
Operator CURTIS J. LITTLE Lease 145000
Well No. 10-27 Unit Letter J Section 27 Township 35 NORTH Range 17 WEST NMPM
Located 1650 Feet From 2280 Line, 2280 East From 500 Line
County SAN JUAN Elevation 5247 Dedicated Acreage 4.0 Acres
Name of Producing Formation Gallup Pool Mary Rocks

- Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes X No
- 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 _____
- If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

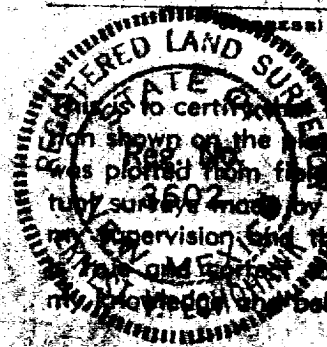
SECTION B



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

Curtis J. Little
SIGNATURE

MR. CURTIS J. LITTLE
2929 MONTE VISTA, N. E.
ALBUQUERQUE, NEW MEXICO 87108



Date Surveyed May 28, 1964
For Stacy Engineering Co.
FARMINGTON, NEW MEXICO

Edward H. Cookshaw
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 2402