

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

2. NAME OF OPERATOR

Curtis J. Little

3. ADDRESS OF OPERATOR

2929 Monte Vista NE Albuquerque, New Mexico

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

660' FSL 990' FWL Sec 27
At proposed prod. zone **Same**

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

15 miles NE Shiprock

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

660'

(Also to nearest drlg. line, if any)
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

5461 GR 5466 D

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

1275

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

12-4-63

23.

SIZE OF HOLE
9 5/8
6 1/4

SIZE OF ASU
7 5/8
4 1/2

WEIGHT PER FOOT
15.5
9.5

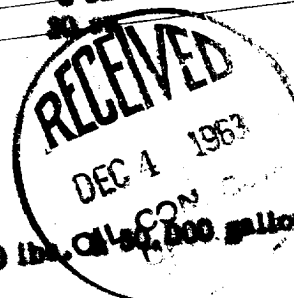
SETTING DEPTH
31
1275

QUANTITY OF CEMENT

8 ex

Objective horizon: **Gall sand at 1225**
Anticipated TD: **Cape shale at 1275**

Plan to perforate oil and sand-oil frac in the amounts of 30,000 lbs. oil and 50,000 gallons



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. (G)

24.

SIGNED

(This space for Fed or State office use)

TITLE **Operator**

APPROVAL DATE

DATE

PERMIT NO.

TITLE

APPROVED BY
CONDITIONS OF AFAL, IF ANY:

*See Instructions On Reverse Side

Instructions

as designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either 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.

Date December 2, 1963

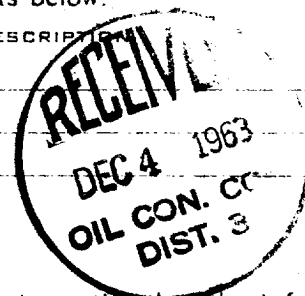
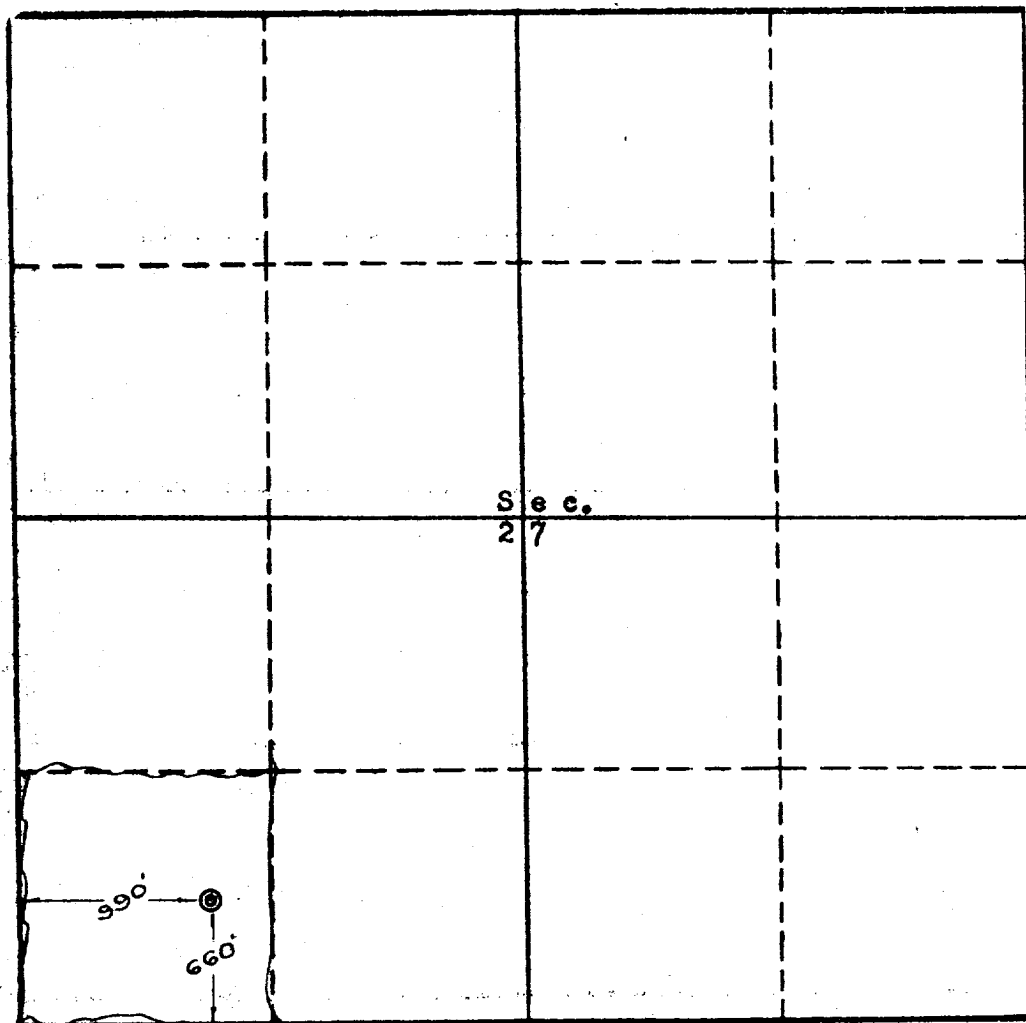
Operator Curtis J. Little Lease Navajo
 Well No. 1-A Unit Letter M Section 27 Township 32 North Range 17 West NMPM
 Located 660 Feet From South Line, 990 Feet From West Line
 County San Juan G. L. Elevation 5461 Dedicated Acreage 40 Acres
 Name of Producing Formation Gallup Pool Many Rocks

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.

Curtis J. Little
 (OPERATOR)

Curtis J. Little

(REPRESENTATIVE)

2929 Monte Vista NE
 Albuquerque, New Mexico

REGISTERED LAND SURVEYOR
 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 Nov. 29, 1963

Four States Engineering Co.
 FARMINGTON, NEW MEXICO.

Emmett H. Cook
 REGISTERED ENGINEER OR
 LAND SURVEYOR

Certificate No. 3602