

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

14-20-604-1951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO UTE

7. UNIT AGREEMENT NAME

HORSESHOE

8. FARM OR LEASE NAME

9. WELL NO.

280

10. FIELD AND POOL, OR WILDCAT

HORSESHOE GALLUP

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 27 T.31N R.16W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

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

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.)*

At surface

990' FN&EL Sec. 27, Twp. 31N, Rge. 16W

At proposed prod. zone

SAME

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

12 miles NE of Shiprock

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

330'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

1660

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether MT, GR, etc.)

5530 GR

22. APPROX. DATE WORK WILL START*

12-10-64

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-3/4	8-5/8	32	30	10 sx
6-3/4	4-1/2	9.5	1650	45 sx

Objective horizon: Upper Horseshoe sand 1400-90
Lower Horseshoe sand 1620-30Plan to sand-oil frac in the amounts of 30,000 gals & 30,000 lbs in each sand
thru perforations.

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

December 1, 1964

(This space for Federal or State office use)

PERMIT NO.

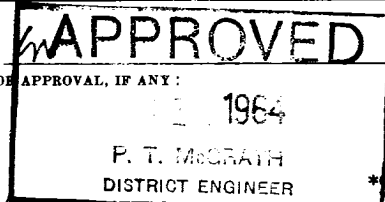
APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



*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

SECTION A.

DATE December 7, 1964

OPERATOR Curtis J. Little LEASE Marathon
WELL NO. 990 UNIT LETTER A SECTION 27 TOWNSHIP 31 North RANGE 16 West NMPM
LOCATED 990 FEET FROM North LINE. 990 FEET FROM East LINE
COUNTY San Juan G. L. ELEVATION 5530 DEDICATED ACREAGE 40 ACRES
NAME OF PRODUCING FORMATION Gallup POOL Marathon

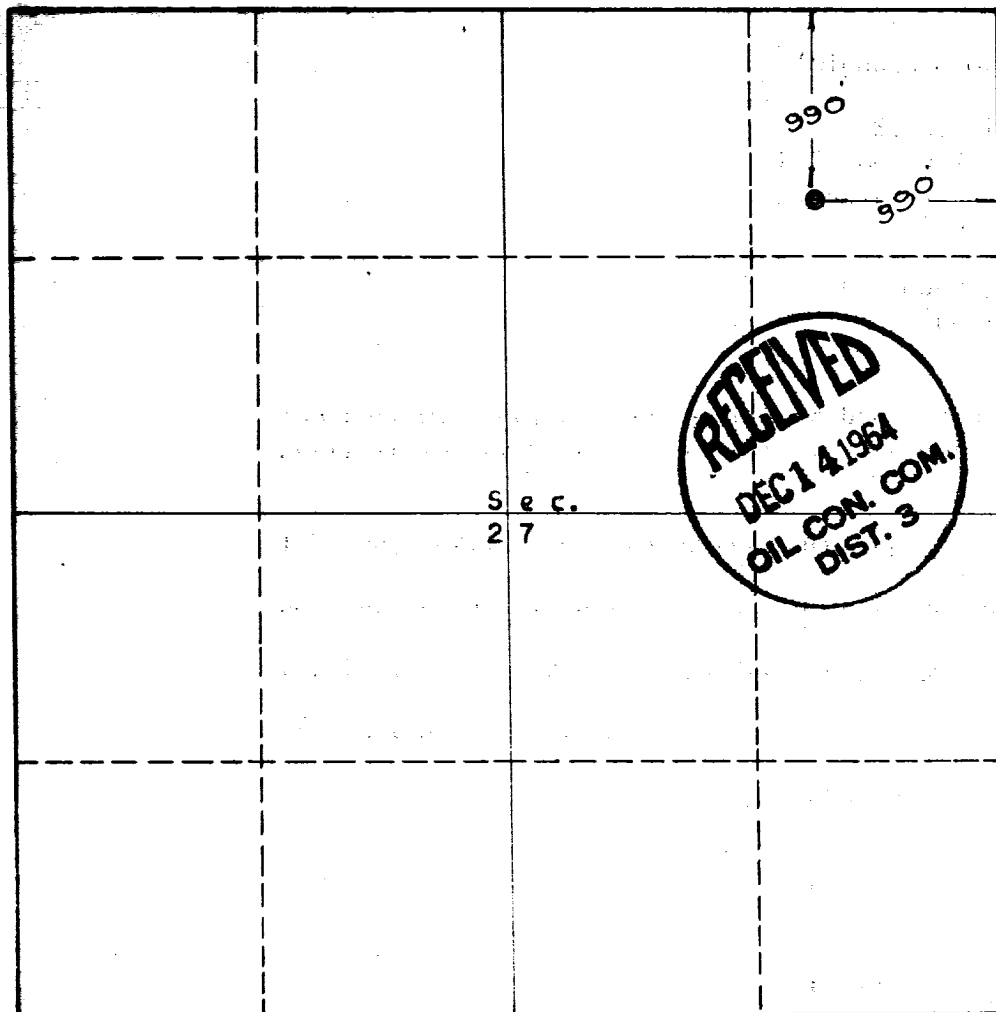
1. IS THE OPERATOR THE ONLY OWNER? IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES X NO _____
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES _____ NO _____ IF ANSWER IS "YES," TYPE OF CONSOLIDATION _____

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

OWNER

LAND DESCRIPTION

SECTION B.



Scale, 1 inch = 1000'

RECEIVED

DEC 8 1964

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

2500 Monte Vista, NE
Albuquerque, New Mexico

REGISTERED LAND SURVEYOR
THIS IS TO CERTIFY THAT THE
LOCATION OF THE WELL ON THE
IN SECTION B WAS PLOT-
TED FROM FIELD NOTES OF AC-
QUA-SUBS. MADE BY ME OR
UNDER MY SURVEILLANCE AND
THE INFORMATION IS TRUE AND
CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

DATE SURVEYED Nov. 25, 1964

**FOUR STATES
ENGINEERING CO.**

FARMINGTON, NEW MEXICO

Emmett H. Fehok
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602

