

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL *Re-Enter* DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER *Re-entry* SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Len Hayer and Robert L. Haynie

3. ADDRESS OF OPERATOR
Box 1495, Roswell, N.M. 85201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface *660' from north line, 660' from east line*
 At proposed prod. zone *Sec. 15, Twp. 19S, Rge. 34E, NMPH*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Sec. 15, Twp. 19S, Rge. 34E

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
640

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.
5000 ft.

19. PROPOSED DEPTH
5000

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether EF, RT, GR, etc.)
3917 GL

12. APPROX. DATE WORK WILL START*
11/8/67

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>7 7/8"</i>	<i>5 1/2"</i>	<i>15.5#</i>	<i>5400'</i>	<i>175 sacks.</i>

Propose to re-enter B.L. McFarland #1 Shell Federal, which was drilled to 10321 feet in 1965. 400 ft. of 11 3/4 ft. of surface casing and 4000 ft. of 8 5/8" intermediate casing was set in this well. Propose to re-enter through old casing and clean out to a depth of 5400 feet and set 5400 feet of 5 1/2" 15.5# casing (J-55), and cement with 175 sacks of cement. Will then test the Penrose formation below 5000 feet for possible commercial 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 *Len Hayer* TITLE *Associate* DATE *11/7/67*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

NEW MEXICO
L CONSERVATION COMMISS' J

Form C-128

Well Location and/or Gas Proration Plat

Date 11/7/67

Operator Len Mayer and Robert L. Haynie Lease WTP (Formerly B.L.McFarland Shell Fed)

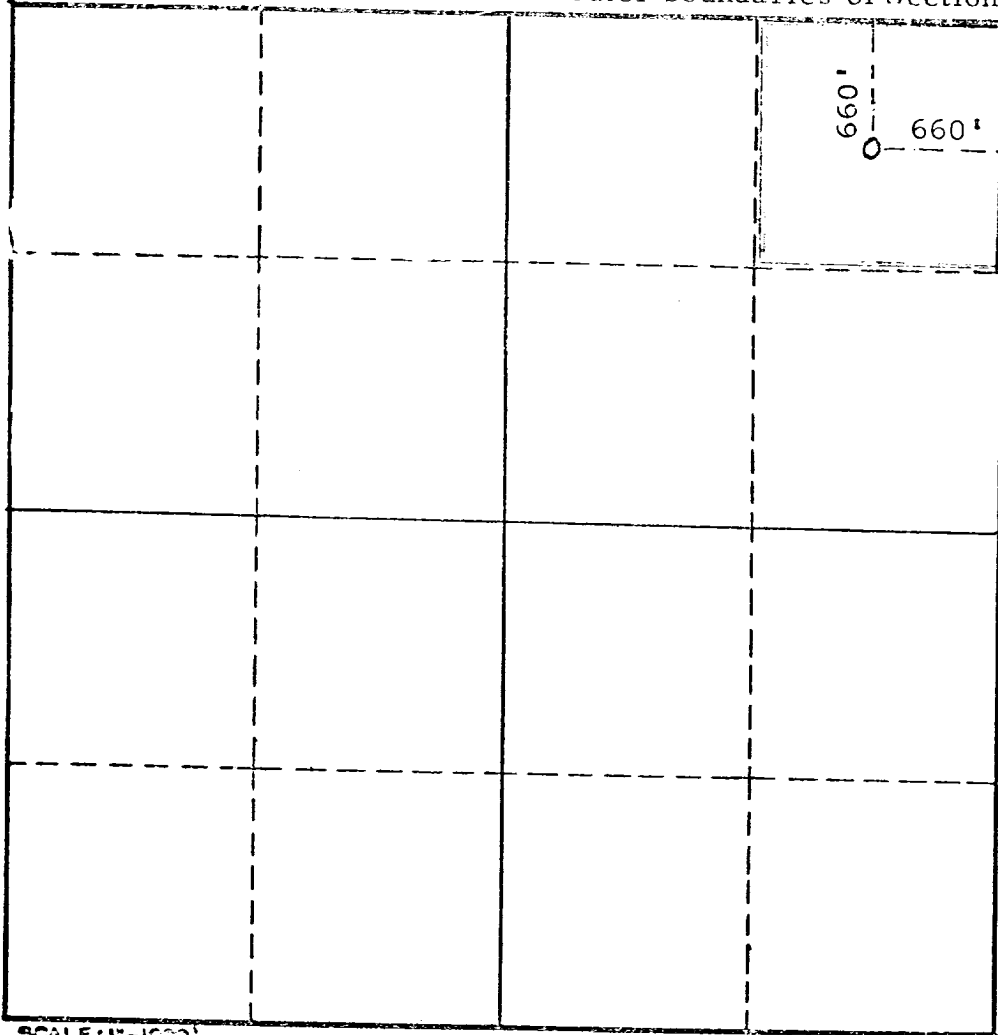
Well No. 1 Section 15 Township 19S Range 34E NMPM

Located 660 Feet From North Line, 660 Feet From East Line,

Lea County, New Mexico. G. L. Elevation 3917 GL

Name of Producing Formation Penrose Pool Undesig. Dedicated Acreage 40

(Note: All distances must be from outer boundaries of Section)



Len Mayer
Len Mayer
Operator
11/7/67

NOTE

This section of form is to be used for gas wells only.



1. Is this Well a Dual Comp. ? Yes No .
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No .

Name _____
Position _____
Representing _____
Address _____

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed Previously surveyed by B.L. McFarland and filed of record
Registered Professional Engineer and/or Land Surveyor