

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
NM-2244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hughes "A"

9. WELL NO.
1

10. ... AND POOL, OR WILDCAT
Langlie Mattix

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
18, -23S, -37E

12. COUNTY OR PARISH
Lea

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
Solar Oil Company, Agent for Samedan Oil Corp. & A. A.

3. ADDRESS OF OPERATOR
*P. O. Box 5114 Midland, Texas
Kemnitz*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface *Unit G 1980' FN&EL*
At proposed prod. zone *same*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles southwest of Eunice, New Mexico

16. NO. OF ACRES IN LEASE
40

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.
1980'

19. PROPOSED DEPTH
3800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3336 GR

22. APPROX. DATE WORK WILL START*
July 10, 1968

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	28#	800'	*
7-7/8"	5-1/2"	15.5#	TD	**

This well will be drilled to depth sufficient to test the Queen formation, approximately to 3800'.

- * Sufficient cement to circulate to surface
- ** ~~3437~~ volume required to cement back to ~~base of salt~~ base of Salt.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give loc. of present productive zone ... proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations now measured and true vertical depths. Give blowout prevention program, if any.

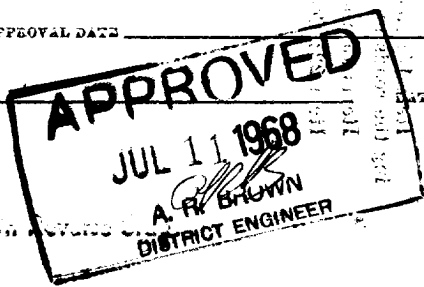
SIGNED *[Signature]* TITLE *Vice President* DATE *3 July, 1968*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



* See instructions on reverse side