

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*Amended*

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  
Rijan Oil Company, Inc.

3. ADDRESS OF OPERATOR  
20 First Plaza, Suite 402, Albuquerque, NM 87102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1650' fwl, 2310' fsl  
At proposed prod. zone  
1650' fwl, 2310' fsl

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1650'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1650'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6734'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	100 sx - circulate
7-7/8"	5-1/2"	14#	5300'	300 sx

Plan to spud 12-1/4" hole, drill to 210' and set 200' of 9-5/8" casing with sufficient cement to circulate. Drill 7-7/8" hole to 5300' or depth sufficient to test the Entrada formation and run appropriate logs. If production indicated, will run 5-1/2" casing to total depth, cement with 300 sacks, perforate, and stimulate, if necessary. Will run 2-3/8" tubing for production string. 10" Schaffer Double Gate Hydraulic BOP tested to 3000 psi will be on well during all drilling operations.

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 *[Signature]* TITLE Petroleum Engineer

(This space for Federal or State office use)

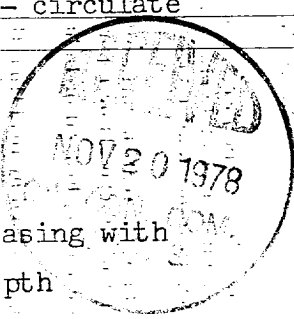
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*h Smith*

5. LEASE DESIGNATION AND SERIAL NO.  
NM 13948-4  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
7. UNIT AGREEMENT NAME  
N/A  
8. FARM OR LEASE NAME  
Rijan Oil Company, Inc.  
9. WELL NO.  
Federal # 1-27  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 27, T19N, R3W, NMP  
12. COUNTY OR PARISH  
Sandoval  
13. STATE  
New Mexico



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U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.  
DATE 11-10-78