

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 481
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla
2. NAME OF OPERATOR Union Oil Company of California		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601		8. FARM OR LEASE NAME Jicarilla
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 783' FNL & 2310' FWL At proposed prod. zone		9. WELL NO. 1 (C-20)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 23 miles south of Dulce, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 783	16. NO. OF ACRES IN LEASE 2573.36	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.28N., R.1W.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. --	19. PROPOSED DEPTH 7300'	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7299'		13. STATE New Mexico
22. APPROX. DATE WORK WILL START* 7-1-73		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	40.5#	400'	400 sacks
9-7/8"	7-5/8"	26.4	6400'	300 sacks
6-3/4"	5-1/2"	15.5	7300'	100 sacks

Union Oil Company of California proposes to:

Drill a 13-3/4" hole to 400'. Run and cement 10-3/4" casing. Drill a 9-7/8" hole to 6400'. Run logs and 7-5/8" casing to 6400'. Cement 7-5/8" casing. Drill 6-3/4" hole to T.D. and run logs. Run and cement 5-1/2" liner from 6100' to T.D. Complete using 2-7/8" tubing.

B.O.P. will be installed prior to drilling out casing shoe and will be operational tested daily.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: To deepen or plug back, or both, 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 R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 6-21-73
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONFIDENTIAL

*See Instructions On Reverse Side