

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

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER: \_\_\_\_\_  
 SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR  
 606 Vaughn Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 2080' FEL & 1980' FSL, T22-S, R34-E, Sec. 15  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 18 miles Southwest of Eunice

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1980' FSL

16. NO. OF ACRES IN LEASE  
 800.12

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

19. PROPOSED DEPTH  
 13,800'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3500' GR

22. APPROX. DATE WORK WILL START\*  
 May 25, 1974

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-17067**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Ojo Chiso Unit

8. FARM OR LEASE NAME

9. WELL NO.  
 2

10. FIELD AND POOL, OR WILDCAT  
 Unnamed ~~DESIGNATED~~

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 15, T22-S, R34-E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94#	400	400 SX <b>CIRCULATE</b>
17 1/2"	13 3/8"	42#	4,600'	400 SX
12 1/4"	9 5/8"	47#	11,300'	1700 SX
8 1/2"	5 1/2" liner 20#		13,800'	200 SX

*Sufficient cement to fill to base of salt*

TRASH AND JUNK SHOULD BE BURIED IN A SEPARATE TRASH PIT

DRILLING MUST BE IN COMPLIANCE WITH THE ATTACHED "DRILLING WELL CONTROL REQUIREMENTS" DATED 6-22-73

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 Jack Patchell Jack Patchell TITLE Operations Engineer DATE May 23, 1974

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
 JUN 3 1974  
 ARTHUR R. BROWN  
 DISTRICT ENGINEER

\*See Instructions On Reverse Side