

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U. S. GEOLOGICAL  
SURVEY  
MIDLAND, NEW MEXICO

30-170-2-1  
6. LEASE DESIGNATION AND SERIAL NO.  
**LC-068847**  
7. INDIAN, ALLOTTEE OR TRIBE NAME

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 Building, Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **660' FSL & 660' FEL of Section 21, T-25-S, R-33-E (Unorthodox location-see attached NMOCC order)**  
 At proposed prod. zone **same as surface**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**26 miles SW of Jal, New Mexico**

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

16. NO. OF ACRES IN LEASE  
**2520 in lease  
7680 in Unit**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**2520 (see attached plat)**

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

19. PROPOSED DEPTH  
**18,500' Devonian**

20. ROTARY OR CABLE TOOLS  
**Rotary**

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

22. APPROX. DATE WORK WILL START\*  
**9-30-71**

10. FIELD AND POOL, OR WILDCAT  
**Red Hills West Camp**

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA  
**Sec. 21, T-25-S, R-33-E**

12. COUNTY OR PARISH      13. STATE  
**Lea      N. M.**

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94	920	Circ.
17½"	13 3/8"	61 & 68	4900	Circ.
12½"	10 3/4"	51, 55.5, 60.7	13000	Circ.
9½"	7 3/4"	45.3	17400	Circ.
6½"	5"	23	18500	Circ.

Blowout Preventers:

- 20" 2000 psi WP from 920' to 4900'
- 12" 5000 psi WP from 4900' to 13000'
- 11" 10,000 psi WP from 13000' to TD.

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. SIGNER Jed Collins Jr TITLE Pres. DATE 9-21-71

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
 SEP 29 1971  
 ARTHUR R. BROWN  
 DISTRICT ENGINEER

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

RECEIVED  
OCT 5 1971  
OIL CONSERVATION COMM.  
HOBBS, N. M.