

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 ☐

2. NAME OF OPERATOR
 Penroc Oil Corporation ✓

3. ADDRESS OF OPERATOR
 P. O. Drawer 831, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.)
 AT SURFACE 1980' FNL & 660' FEL

At proposed prod. zone

RECEIVED
 JAN 9 - 1975

5. LEASE DESIGNATION AND SERIAL NO.
NM 0414986

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
No

7. UNIT AGREEMENT NAME
None

8. FARM OR LEASE NAME
Shell-Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Winchester Morrow Gas Undes.

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
1-T20S-R28E

12. COUNTY OR PARISH
Eddy

13. STATE
N. M.

14. ACRES ASSIGNED
THIS WELL
320

15. RY OR CABLE TOOLS
Rotary

16. APPROX. DATE WORK WILL START*
February 15, 1975

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			APPROX. OFFICE	
Approximately 15 miles Northeast of Carlsbad, N.M.				
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	660'	16. NO. OF ACRES IN LEASE	320	17. NO. TO 2
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH	11,400'	20. ROT
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				
3285' GR.				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	48#	350'	Circulate
11"	8 5/8"	24# & 32#	2400'	500 sx. Circulate
7 7/8"	4 1/2"	11.60#	11,400'	300 sx.

Double hydraulic 1500 series Shaffer blow-out preventer and 1500 series Choke Manifold.

Will adhere to Drilling Well Control Requirements for Deep Wells.

Mud Program on Exhibit "C".

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DEC 17 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 E. J. Dally TITLE President DATE December 16, 1974
(This space for Federal or State office use)

PERMIT NO.
 APPROVED BY
 CONDITION APPROVED BY ANY:
 JAN 8 1975
 R. L. BEEKMAN
 ACTING DISTRICT ENGINEER
 APPROVAL 13

SUBJECT TO ATTACHED DEEP WELL CONTROL

APPROVAL DATE JUN 29 1973

REQUISITION DATED _____

TITLE _____

DECLARED WATER BASIN
DATE 13th
C-111 D THE 8th
CASING MUST BE CIRCULATED

APPROVED BY ANY:
L. BEEKMAN
DISTRICT ENGINEER

THIS APPROVAL IS RECALLED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

APR 8 - 1975 *See Instr

NOTIFY USGS IN SUFFICIENT TIME TO
8 3/4
WITNESS CEMENTING THE _____ CASING