

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

Armer Oil Company

3. ADDRESS OF OPERATOR

2110 Continental National Bank Bldg., Ft. Worth, Tex. 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface 1980' FNL and 330' FWL Section 27-18S-34E

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Twenty-five miles West of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

*

19. PROPOSED DEPTH

4900'

20. ROTARY OR CABLE TOOLS

Rotary

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

4004' GR

22. APPROX. DATE WORK WILL START*

12-20-74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	23#	400'	300 sacks
7-7/8"	4-1/2"	9.5#	4900'	250 sacks

Armer Oil Company proposes to drill its Allied Federal #1 well for completion in the Penrose sand at an approximate depth of 4838-46'.

During drilling operations, Cactus Drilling Company rotary rig #65 will be equipped with a Shaffer Type B Series 900 10" double hydraulic BOP w/Payne closing unit. Mud program will be native mud from surface to 4000' and salt water from 4000' to TD.

Casing program will consist of 8-5/8" OD, 23# surface casing to be set at an approximate depth of 400' cemented to surface with 300 sacks. 4-1/2" OD, 9.5# production casing will be set at total depth and cemented with 250 sacks to bring cement from total depth to a depth of approximately 4000'. Surface casing will be pressure tested to 1000 psi and production casing to 3000 psi.

The Penrose sand at an approximate depth of 4838-46' will be perforated and fracture treated for production.

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

C. W. Stumhoff

TITLE

Agent

DATE 12/14/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*Approximately 2400' SW of Ambassador #1 White dry hole.

*See Instructions On Reverse Side

MAR 27 1975

RECEIVED

DEC 31 1957

OIL CONSERVATION COMM.
HOBBS, N. M.