

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., Fort Worth, Texas 76102

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

At surface 660' FNL and 660' FEL Section 35-17S-30E

At proposed prod. zone Same

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

3 miles East and 2 miles South of Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1650'

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

3400'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

June 22, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8-5/8" OD	23#	500'	100 SXS.
7-7/8"	4-1/2" OD	9.5#	3400'	150 SXS.

Armer Oil Company proposes to drill its Stevens Federal #1 well for completion in various potential oil zones in the Grayburg formation from a depth of approximately 3100-3350'.

Casing program will consist of 8-5/8" OD surface casing to be set at an approximate depth of 500' cemented with 100 sacks and 4-1/2" OD production casing to be set at total depth cemented with 150 sacks. Surface casing will be pressure tested to 600 psi and production casing will be pressure tested to 3000 psi.

During drilling operations, the WEK Drilling Co. Inc. rotary rig that is to drill the well will be equipped with a Schaeffer Type E 10" Series 900 Hydraulic BOP.

Mud program will be native mud from surface to 3200' and salt water mud with weight 10#/gal., viscosity 40 sec., and water loss 20 cc from 3200' to total depth.

(Continued on Page 2)

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

TITLE Production ManagerDATE June 14, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS VALID FOR 12 MONTHS.
AND NOT BE EXTENDED BEYOND 12 MONTHS.

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

NM-0384576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Stevens Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

11. SEC., T., R., N., OR S.E.
AND SURVEY OR AREA

35-17S-30E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

RECEIVED
JUN 27 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO