

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-21793

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

EMPIRE PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

BOX 367, ANDREWS, TEXAS 79714

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

At surface
660' FNL x 990' FWL Sec. 5 (Unit D, NW/4 NW/4) C. C.
At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3573. GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	400'	Circ.
12 1/4"	9 5/8"	32.3 - 36#	2900'	Circ.
7 7/8"	5 1/2"	15.5 - 17"	11,200'	Full 700' above upper mud pay.

After drilling well logs will be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

BOP Program attached.

Mud Program: 0-400' Native w/H₂O; 400'-2900' NATIVE w/ BRINE;
2900'-7000' Native w/H₂O, 7000'-TD, w/ 10-12" MUD.

General requirements for deep well control shall be applied.

(No Gas Purchaser)
Application for unorthodox well location being submitted.

IN 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.

SIGNED

TITLE

ADMINISTRATIVE ASSISTANT

DATE

4-5-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL IF ANY

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

*See Instructions On Reverse Side
THIS APPROVAL IS RESCINDED
IF NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUL 22 1976

5. LEASE DESIGNATION AND SERIAL NO.

LC-060888

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

EMPIRE SOUTH DEEP

8. FARM OR LEASE NAME

EMPIRE SOUTH DEEP UNIT

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

SOUTH EMPIRE - MORROW

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

5-18-29 NMPM

12. COUNTY OR PARISH

EDDY

13. STATE

N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

5-1-76

0+5-USGS-ART

1-DIV

1-SUSP

1-RRY

20-PARTNERS

APR 22 1976

L. L. BEEKMAN
ACTING DISTRICT ENGINEER