

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SPENCE ENERGY COMPANY

3. ADDRESS OF OPERATOR

381 Two Energy Square
4849 Greenville Ave., Dallas, Texas 75206

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

At surface

800' FSL 800' FEL Sec. 25-9S-32E

At proposed prod. zone

Same

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

25 Miles Northwest of Tatum, New Mexico

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

800'

16. NO. OF ACRES IN LEASE

160.00

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

1669'

19. PROPOSED DEPTH

4800' San Andres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 (S $\frac{1}{2}$ SE $\frac{1}{4}$)

20. ROTARY OR CABLE TOOLS

Rotary

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

4288' GR

22. APPROX. DATE WORK WILL START*

As Soon As Possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11" 12 1/4"	8-5/8"	24# J-55 ST&C	1700' ±	350 sx Lite + 200 sx Class C - Circulate
7-7/8"	5-1/2"	17# J-55 ST&C	4800' ±	500 sx Class H to isolate water, oil & gas zones

See Supplemental Drilling Data for casing and BOP details.

Propose to drill to approximately 4800' to test San Andres and intermediate formations.

Set 8-5/8" casing to about 1700' and circulate cement to the surface to protect fresh water zones.

Set 5-1/2" production casing to TD and cement to isolate porosity zones. Perforate favorable zones.

Run tubing and stimulate as necessary.

Swab to clean up and test. Produce to tanks.

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

JERRY W. LONG

TITLE Agent

DATE December 17, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 12-14-85

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.