

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
Instructions on reverse side

30-015-27503  
Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

JUN 28 1993

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

SPENCE ENERGY COMPANY

Ph. 214-739-0027

3. ADDRESS AND TELEPHONE NO.

4849 Greenville Ave., Ste. 381  
Dallas, Texas 75206

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

1650' FSL, 2305' FWL, Sec. 23-19S-30E

At surface  
At proposed prod. zone Same

(Unit K)  
(NESW)

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

23 miles northeast of Carlsbad, 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

240

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.

None

19. PROPOSED DEPTH

2000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3286.4' GL

22. APPROX. DATE WORK WILL START\*

As Soon As Possible

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4" 17 1/2"	10-3/4" 13 3/8"	32.75# 48* H-40	500'±	500 sx - Circulate
9-1/2" 12 1/4"	8-5/8"	28.1# STC H-40	1700'±	900 sx - Circulate
6-1/2" 7 7/8"	5-1/2"	15.5# LTC K-55	2000'±	95 sx - Tie Back to 8-5/8"

\* All changes are as per telecon w/ J. Long on 6/1/93

Propose to drill to 2000'± to test Seven Rivers formation. Perforate favorable zones. Run tubing to perfs, stimulate and test to tank. See attached "Drilling Data" and BOP Diagram.

This well is within the Potash Area and subject to NMOC Order R-111-P. See attached concurrence from BLM Mining Section and waivers from Eddy Potash, Inc. and Horizon Potash Corporation.

Gas is not dedicated.

SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED, and to NMOC's R-111-P

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

Jerry W. Long

TITLE Permit Agent

DATE March 1, 1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Kathy Eaton

TITLE Acting State Director

DATE 6-9-93

\*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.