

(December 1991)

**NEW OIL CONS. COMMISSION**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
**ARTESIA, NM 88210**

SUBMIT IN DUPLICATE\*

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0136

Expires: December 31, 1991

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☒

## b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

## 3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, Texas 79701

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

At surface

(F) 1900' FNL, 2310' FWL Sec 34, T-23-S, R-31-E

At proposed prod. zone

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

21 miles East of Loving, New Mexico

ARTESIA, OFFICE

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1900'

## 16. NO. OF ACRES IN LEASE

640

## 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.

1240'

## 19. PROPOSED DEPTH

8200'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3444 GR

## 22. APPROX. DATE WORK WILL START\*

5-1-94

## 23. PROPOSED CASING AND CEMENTING PROGRAM

R-111-P Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40 13-3/8"	48.0	600'	600 sx to circulate
12-1/4"	K-55 8-5/8"	32.0	4200'	2000 sx to circulate
7-7/8"	K-55 5-1/2"	15.50 & 17.0	8200'	Tie back to 4000'

We propose to drill to a depth sufficient to test the Delaware formation for oil. If productive 5-1/2" casing will be cemented at TD. If non-productive the well will be plugged in a manner consistent with Federal Regulations Specific Programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments.

## Drilling Program

Exhibit A - Operations Plan

Exhibit B - BOP and Choke Diagram

Exhibit C - Drilling Fluid Program

Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map of Location

Exhibit F - Map Showing Existing Wells

Exhibit F (A) Plat of Location

Exhibit G - Well Site Layout

Surface Use and Operations Plan

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.

24.

SIGNED

*Daniel Roberts*

TITLE Division Drilling Engineer

DATE March 18, 1994

(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 surface use or operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
 GENERAL REQUIREMENTS AND  
 SPECIAL STIPULATIONS  
 ATTACHED

APPROVED BY

*Patricia E. McKean*

TITLE

*State Director*

DATE

APR 26 1994

\*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.