

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

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

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

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

At surface

1730' FWL and 740' FNL, Sec. 9, T-18S, R-33E

At proposed prod. zone

Unit C

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

10 miles SE from Maljamar, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

740'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

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

262'

19. PROPOSED DEPTH

11,500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3961.4' GR

22. APPROX. DATE WORK WILL START*

November 1, 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

Controlled Water Basin

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48.0	450'	450 sx to circulate
12-1/4"	8-5/8"	32.0	4500'	2050 sx to circulate
7-7/8"	5-1/2"	15.5 & 17.0	11,500'	TOC 600' above possible pays

We propose to drill to a depth sufficient to test the Wolfcamp formation for oil. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned 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 Schematic

Exhibit C - Drilling Fluids Program

Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map of Location

Exhibit F - Plat showing Existing Wells

Exhibit G - Well Site Layout

Request for NMOCD Approval of Unorthodox Location.

- 1) We respectfully request a variance waiver to BLM requirements to install pit monitoring equipment when drilling below the Wolfcamp. The Wolfcamp is not over pressured in the area, therefore, the equipment serves no purpose.

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

Danell Roberts

TITLE

Senior Drilling Engineer

DATE

Sept. 24, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

11-3-92

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

*See Instructions On Reverse Side

NSL-3170