

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CON. COMMISSION
30-015-27707
38210

Form approved,
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☒ TRG

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 (M), 660' FSL and 660' FWL, Sec. 9, T-23S, R-31E

At proposed prod. zone

DEC 20 1993

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

18 miles East of Loving, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

1320'

19. PROPOSED DEPTH

14,900'

20. ROTARY OR CABLE TOOLS

Rotary

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

3344' GR

22. APPROX. DATE WORK WILL START*

November 15, 1993

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"	48.0	600'	600 sx to circulate
12-1/4"	9-5/8"	40.0	4130'	2000 sx to circulate
8-3/4"	7"	26.0	11,700'	TOC @ 6000'
6-1/8"	4-1/2"	13.5	11,400'-14,900'	500 sx (circ to liner top)

This well is presently approved as a Delaware well. We propose to drill to a depth sufficient to test the Morrow formation for gas. If productive, a 4-1/2" liner 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

Exhibit C - Drilling Fluid Program

Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map of Location

Exhibit F - Plat Showing Existing Wells

Exhibit G - Well Site Layout

Surface Use and Operations Plan

This is a non-standard location due to geologic reasons. Application is being made for an exception with the New Mexico Oil Conservation Commission.

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

Daniel Roberts

TITLE

Sr. Drilling Engineer

DATE

10/5/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

John J. Sponberg

TITLE

Adrian S. S. Sponberg

DATE

12-6-93

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side