

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in triplicate
(Other instructions on
reverse side)

Form approved. 457
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

500 W. Illinois, Suite 500, Midland, Texas 79701

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

At surface

1980' FSL and 1980' FEL, Sec. 3, T-24S, R-29E

At proposed prod. zone

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

6 miles East of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

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

N/A

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

TD 13,985'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3052.2' GR

22. APPROX. DATE WORK WILL START*

Feb. 26, 1990

23.

EXISTING ~~EXPOSED~~ CASING AND CEMENTING PROGRAM

SIZE OF ROPE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5	714'	750 sx CL C
12-1/4"	9-5/8"	43.5	3082'	2000 sx PSL + 300 sx CL C
8-1/2"	7"	29.0	10,385'	800 sx CL H
4-1/2" liner from 9690'-13,933 w/ 600 sx cmt.				

It is planned to TA Morrow zone and recompleate into the Atoka Bank @ 12,506'-518'.

1. TA Morrow by setting a 1.81", "R" plug in the "R" nipple below the perm pkr, a packer plug in the packer, and 2 sx sand on top.
2. Complete in the Atoka Bank by RIH w/ 3-3/8" Vann Guns and perf 12,506'-518' w/ 2 JSPF. Use maximum differential.
3. Acid stimulate w/ 2000 gallons 15% NEFE HCl and 36 ball sealers if needed.
4. Swab and flow test, run 4 pt test.

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

(This space for Federal or State office use)

TITLE Sr. Production Clerk

DATE Feb. 27, 1990

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.