

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other Instructions on  
Reverse Side)

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 ☐

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, TX 79701

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

At surface

2310' FNL and 1650' FEL, Section 7, T18S, R32E

At proposed prod. zone

Same

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

7 miles southwest of Maljamar, New Mexico

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

330'

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

None

16. NO. OF ACRES IN LEASE

40

19. PROPOSED DEPTH

10,800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3922' → 3781.4'

SSS

22. APPROX. DATE WORK WILL START\*

April 15, 1990

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	425'	475 sx <del>CIRCULATE</del>
12 1/4"	8 5/8"	28.0	2,500'	1,523 sx <del>CIRCULATE</del>
7 7/8"	5 1/2"	17.0	10,800'	See below

Move in drilling rig. Drill 17 1/2" hole to 425'. Run 13 3/8" casing and cement to surface with 474 sx "C" cement w/2% CaCl<sub>2</sub> and 1/4 lbs/sx celloflake. WOC 6 hours. Nipple up BOP and test BOP and casing to 600 psi. Drill 12 1/4" hole to 2500'. Run 8 5/8" casing and cement with 1373 sx 35/65 Poz/"C" cement w/6% gel, 10% NaCl and 1 lb/sx celloflake followed by 150 sx of "C" cement w/2% CaCl<sub>2</sub>. Install BOP and test rams and choke to 5000 psi, annular to 1000 psi. Drill 7 7/8" hole to 10,800'. Run logs. Run 5 1/2" casing and cement with 50/50 Poz/"H" cement, 2% gel, 6 lbs/sx NaCl and 0.75% fluid loss additive. Sufficient cement will be used to cover all potentially productive zones.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL stipulations  
ATTACHED

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

*Michael R. Burton*

TITLE District Drilling Engineer

DATE March 6, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side