

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

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

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

At surface

2310' FNL & 1650' FWL of Sec. 26

At proposed prod. zone

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

9 miles south of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED\*

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

16. NO. OF ACRES IN LEASE

1361.18

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

19. PROPOSED DEPTH

PB Depth 8785'

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

3748.8' GR;

3764' KB

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Objective: Plug back to Upper Bone Spring

1. POH w/ rods, tubing, and BHA.
2. Set CIBP at 8805'. Dump bail 20' cmt plug on top of CIBP.
3. Perforate 1st Bone Spring sand as follows:  
8541'-49' (8') w/ 1 JSP2F - 5 holes  
8574'-80' (6') w/ 1 JSP2F - 4 holes  
8585'-87' (2') w/ 1 JSP2F - 2 holes  
using 4" premium charges in 4" hollow steel carrier.
4. Stimulate as appropriate.
5. IP well and place on production.

RECEIVED  
SEP 12 11 20 AM '89  
CARLSBAD SOURCE  
AREA HEADQUARTERS

Received verbal approval from Shannon Shaw, BLM, on 9-11-89.

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

*Jerry McCullough*

TITLE

Sr. Production Clerk

DATE

Sept. 11, 1989

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Original: Shannon Shaw

APPROVED BY

TITLE

DATE

9-20-89

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side