

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN PLICATE
(Other Inst. on reverse side)

30-025-30928
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

760' FNL & 2080' FWL of Sec. 22, 19S, 33E
At proposed prod. zone

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

29 miles west of Hobbs, NM

16. DISTANCE FROM PROPOSED*

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

760'

18. NO. OF ACRES IN LEASE

840 (535)

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 → 320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

13,800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3649.8'

22. APPROX. DATE WORK WILL START*

ASAP

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'	375 sx CIRCULATE
12 1/4	8 5/8	24.0 & 32.0	5,200'	See below CIRCULATE
7 7/8	5 1/2	17.0 & 20.0	13,800'	See below

Move in drilling rig. Drill 17 1/2" hole to 425'. Run 13 3/8" casing and cement to surface with 375 sx "C" cement w/2% CaCl₂. WOC 6 hours. Nipple up BOP and test BOP and casing to 600 psi. Drill 12 1/4" hole to 5200'. Run 8 5/8" casing and cement with sufficient C1 "C" poz cement w/6% gel, 10% NaCl and 1 lb/sk celloflake followed by 200 sx of "C" cement w/2% CaCl₂ to circulate. Install BOP and test rams and choke to 5000 psi, annular to 1500 psi. Drill 7 7/8" hole to TD. Run logs. Run 5 1/2" casing and cement with 50/50 poz/"H" cement, 2% gel, 6 lbs/sk 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. Bunter

TITLE District Drilling Engineer

DATE 5-11-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER

CARLSBAD RESOURCE AREA

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.

RECEIVED

JUN 15 1990

OCD
HOBBS OFFICE