

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

30-215-25746
5. LEASE DESIGNATION AND SERIAL NO.

NM 59385

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

H. B. 3 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

② Cedar Canyon

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

3, 24S, 29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

500 W. Illinois, Midland, TX 79701

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

At surface 1980' FSL, 1980' FEL, Sec. 3, T. 24S, R. 29E

At proposed prod. zone Same

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 drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE

640

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.

N/A

19. PROPOSED DEPTH

14100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3052.2' GL

22. APPROX. DATE WORK WILL START*

As Soon As Possible

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✓	700'	975 cu.ft. circ. to surface
12 1/4	9 5/8✓	40.0✓	3100'✓	910 cu.ft. circ. to surface
8 1/2	7✓	23.0, 26.0, 29.0	10500'✓	1260 cu.ft. fill to 8000'
6	4 1/2	11.6	10500-14100'	1100 cu.ft. fill to 10200'

Move in and rig up rotary tools. Drill a 17 1/2" hole to 700'. Run 13 3/8" casing and cement with sufficient Class "C" cement containing 4% gel, 1/4#/sk cellophane flakes to circulate to surface when followed by 330 cu.ft. of Class "C" with 2% CaCl₂. Drill 12 1/4" hole to 3100'. Run 9 5/8" casing and cement with sufficient lite cement to circulate to surface when followed by 264 cu.ft. Class "C" containing 2% CaCl₂. Drill 8 1/2" hole to 10500'. Run 7" casing and cement with sufficient 50/50 Class H/Poz containing 6# salt per sack and 0.6% fluid loss reducer to bring cement to 8000'. Drill a 6" hole to 14100'. Run 4 1/2" casing and cement with sufficient Class H cement containing 0.6% fluid loss reducer, 0.4% friction reducer, 0.6% gas block agent, and 5#/sk KCl to fill to 300' above liner top or plug and abandon per BLM instructions.

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

Sr. Drilling Engineer

DATE

6-2-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Edwin J. Sengstacker

TITLE

CARLOS

DATE

6-24-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side