

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
REGISTRATION AND SERIAL NO.

NM-66425

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. UNIT NAME

9. AREA OR LEASE NAME

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.

12. COUNTY OR PARISH

13. STATE

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

15. DISTANCE FROM PROPOSED*

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED

18. DISTANCE FROM PROPOSED LOCATION*

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

24. SIGNED

TITLE

DATE

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

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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

2030' FNL & 1980' FWL, Sec. 22, T-23S, R-29E

At proposed prod. zone

Same

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

7 miles east of Loving, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. 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

640.0

19. PROPOSED DEPTH

13,700'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

2961.2' GR

22. APPROX. DATE WORK WILL START*

6-20-90

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	350'	486 cu.ft. Circ to surface
12 1/4	9 5/8	40.0	3,000'	1130 cu.ft. Circ to surface
8 1/2	7	26.0 & 29.0	10,450'	525 cu.ft. Fill to 7000'
6 1/8	4 1/2	11.6	10,450-13,700'	400 cu.ft. Fill to 10,150'

Move in and rig up rotary tools. Drill a 17 1/2" hole to 350'. 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 3000'. 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 10,450'. 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 13,700'. 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.

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

Daniel Robato

TITLE Sr. Drilling Engineer

DATE 5-24-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA

CARLSBAD RESOURCE AREA

APPROVED BY

Orig. Signed by Richard L. Manos

TITLE

DATE

6-19-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side