

Artesia, NM 88210

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-B1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-25696

5. LEASE DESIGNATION AND SERIAL NO.

NM 45236

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sterling Silver 33 Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT
Undes. W. Sand Dunes
Morrow11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 33, T-23S, R-31E

12. COUNTY OR PARISH 13. STATE
Eddy New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

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, Suite 500, Midland, TX 79701

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

At surface

1980' FEL, 1980' FNL, Sec. 33, T-23S, R-31E

At proposed prod. zone

Same

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

Thirty-five miles northwest of Jal, 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.

2490'

19. PROPOSED DEPTH

15,100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3390.5'

22. APPROX. DATE WORK WILL START*

As soon as possible

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	650	900 sx circulated
12 1/4"	9 5/8"	40.0	4240	2500 sx circulated
8 1/2"	7"	29.0	12000	1000 sx
6"	4 1/2"	13.5	11500-15100	550 sx

13 3/8" casing will be cemented with 500 sacks + lite weight cement containing 3% salt and 1 lb/sack hi-seal followed by 400 sacks Class "C" containing 2% calcium chloride. Cement circulated to surface. 9 5/8" casing to be cemented with sufficient lite weight cement containing 5# salt per sack and 1# hi-seal per sack followed by 640 sacks Class C Neat to circulate to surface. 7" casing will be cemented with sufficient lite weight cement containing 0.75% fluid loss reducer and 2#/sack hi-seal followed by 300 sacks Class H with 1% fluid loss reducer to fill to 8000'. 4 1/2" casing to be cemented with sufficient Class H cement containing 1.5% fluid loss to completely fill behind liner. All cement to weigh at least 1.0 ppg more than mud weight used to drill specific interval.

Has Not Dedicated.

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. BunkerTITLE Sr. Drilling EngineerDATE 11-25-86

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED