

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT 1 REPLICATE*
(Other instructions on
NM OIL CONSERVATION COMMISSION
Drawer DD
Artesia, NM 88210

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-63361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

API # 30-015-25935

8. FARM OR LEASE NAME

Lusk 15 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat (Delaware)

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

Sec. 15, T-19S, R-31E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

550 W. Texas, Suite 1330, Midland, Texas 79701

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

(P), 660' FSL and 660' FEL, Sec. 15, T-19S, R-31E

At proposed prod. zone

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

23 miles East of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

TD 11,500'

20. ROTARY OR CABLE TOOLS

N/A

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

3539' GR

22. APPROX. DATE WORK WILL START*

Feb. December 5, 1994

23. ACTUAL ~~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"	54.5	465'	480 sx (circ'd)
12-1/4"	8-5/8"	28.0 & 32.0	3465'	2725 sx (circ'd)
7-7/8"	5-1/2"	17.0	11,500'	1622 sx

It is planned to plug back the Bone Spring perforations 8934'-9174' (29 holes) by setting a CIBP at ±8880' w/50' of cement on top of plug. A recompletion to the Delaware formation will be attempted by perforating the following proposed intervals:

4586'-4594' (4 holes)
4648'-4654' (5 holes)
4686'-4694' (6 holes)
4750'-4760' (5 holes)
4804'-4809' (5 holes)

The Delaware perfs will be fracture treated w/ 40,000 gal gel containing 96,000# 16/30 sand and 40,000# 16/30 resin coated sand. Following stimulation, the well will be production tested. If well performance warrants, a BHP buildup will be run and the well will be potential tested.

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 presenter program, if any.

24. SIGNED [Signature] TITLE Sr. Prod. Clerk DATE 1/21/94

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (ORIG. SGD.) JOE G. LARA

TITLE PETROLEUM ENGINEER

DATE 1/25/94

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.