

30-025-30495

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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, Suite 500, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 1980' FNL, 660' FEL, Section 28, T21S, R32E
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 30 miles NW of Jal, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 320

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 15,000

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3435.3' → 3681' SSE

22. APPROX. DATE WORK WILL START*
 As soon as possible

5. LEASE DESIGNATION AND SERIAL NO.
 NM-58938

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Bilbrey 28 Fed

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Undesignated Bilberky -

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 28, T21S, R32E

12. COUNTY OR PARISH
 Lea

13. STATE
 N.M.

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'	1175 cu.ft. <u>circulated</u>
12-1/4"	9-5/8"	40.0	4,600'	3892 cu.ft. <u>circulated</u>
8-1/2"	7"	26.0 & 29.0	12,000'	1200 cu.ft. <u>circulated</u>
6"	4-1/2"	13.5	11,500-15,000'	660 cu.ft.

13-3/8" casing will be cemented with sufficient Class "C" cement containing 4% gel, 1/4#/sk cellofane flakes to circulate to surface when followed by 330 cu.ft. of Class "C" with 2% Calcium Chloride.

9-5/8" casing to be cemented with sufficient lite cement to circulate to surface when followed by 262 cu.ft. Class "C" containing 2% Calcium Chloride.

7" casing to be cemented with 50/50 Class "H" Poz containing 6# salt per sack and 0.6% fluid loss reducer to bring cement to 8,000'.

4-1/2" casing to be cemented 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. All cement to weigh at least 1 ppg more than mud weight used to drill the interval.

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.

SIGNED Michael R. Buntin TITLE District Drilling Engineer DATE 8-29-88

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Saunders Poenta TITLE _____ DATE 10-19-88
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side