

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-015-27815
NM OIL GAS COMMISSION
SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)
ALBUQUERQUE, NM 80210

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-77046
B. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P. ✓ JAN 27 1994		7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, Texas 79701		8. FARM OR LEASE NAME, WELL NO. N. Pure Gold "9" Fed
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface (A), 990' FNL and 660' FEL, Sec 9, T-23-S, R-31-E At proposed prod. zone		9. API WELL NO. 13
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 19 miles East of Loving, New Mexico		10. FIELD AND POOL, OR WILDCAT LOS MEDANOS Sand Dunes, West (Delaware)
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4T. A Sec 9, T-23-S, R-31-E
16. NO. OF ACRES IN LEASE 960		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 990' to #14		19. PROPOSED DEPTH 8100'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START March 3, 1994
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3359' GR		22. APPROX. DATE WORK WILL START

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48.0	600'	600 sx to circulate
12-1/4"	8-5/8"	32.0	4200'	2000 sx to circulate
5-1/2"	5-1/2"	15.50 & 17.0	8100'	TOC 200' inside 8-5/8" casing

We propose to drill to a depth sufficient to test the Delaware Formation for oil. If productive, 5-1/2" casing will be cemented to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

- Exhibit A - Operations Plan
- Exhibit B - BOP and Choke Arrangement
- Exhibit C - Drilling Fluid Program
- Exhibit D - Auxiliary Equipment

- Exhibit E - Topo Map of Location Area
- Exhibit F - Plat of Existing Wells
- Exhibit G - Plat of Well Location and Lease Roads
- Exhibit H - Well Site Layout
- Multi-Point Surface Use and Operations Plan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Darrell Roberts TITLE Senior Drilling Engineer DATE November 12, 1993

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Edwin L. Roberson TITLE Acting State Director DATE 1-6-94

*See Instructions On Reverse Side