

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARTESIA, NM 88210COMMISSION
FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.

NM-77046

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

N. Pure Gold "9" Fed

9. AM WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

LOS MEDANOS
Sand Dunes, West (Delaware)11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 9, T-23-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START

March 3, 1993

R-100

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

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 AND TELEPHONE NO.

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

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

(I), 1980' FSL and 660' FEL, Sec 9, T-23-S, R-31-E
At proposed prod. zone

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

19 miles East of Loving, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660'
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

960

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.

1320' to #10

19. PROPOSED DEPTH

8100'

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

3365' GR

Carlsbad Centre of Mass Basin

23.

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.

24.

SIGNED

Darrell Roberts

TITLE Senior Drilling Engineer

DATE November 15, 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