

N.M. OPER. OGRID NO. 20305P.O. PROPERTY NO. 18928

JUN 1992

DEPARTMENT

BUREAU OF L

## APPLICATION FOR PE

POOL CODE

EFF. DATE 5/16/96API NO. 3D-025-33440DATE\*  
onFORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## 1a. TYPE OF WORK

DRILL ☒

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Santa Fe Energy Resources, Inc.

## 3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, Texas 79701 (915) 682-6373

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

At surface

(G) 1650' FNL &amp; 1650' FEL

At proposed prod. zone

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

20 miles east of Jal, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1650'

## 16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

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

None

## 19. PROPOSED DEPTH

15000'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3429 GR

## 22. APPROX. DATE WORK WILL START\*

April 15, 1996

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	H-40 16"	65.0	800'	950 sx to circulate
14 1/4"	HCK-55 10 3/4"	45.5	5000'	3000 sx to circulate
9 7/8"	S-95 & N-80 7 5/8"	33.7	11800'	1300 sx to TOC @ 6000'
6 1/2"	S-95 5 1/2"	17.0	14200'	175 sx (circ to liner top)
4 3/4"	N-80 3 1/2"	9.2	15000'	75 sx (circ to liner top)

We propose to drill to a depth sufficient to test the Devonian formation for gas. If productive, a 3 1/2" liner will be cemented at 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 Schematic 5-M  
Exhibit B(A) - BOP and Choke Schematic 10-M  
Exhibit C - Drilling Fluid Program  
Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map at Location  
Exhibit F - Map Showing Existing Wells  
Exhibit F (A) - Plat of Location  
Exhibit G - Well Site Layout  
Surface Use and Operations Plan

Santa Fe Energy Resources, Inc. accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Blanket Bond

BLM Bond File No.: MT 0750

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

*James P. Phil "Stevenson"*

TITLE Agent for Santa Fe Energy

DATE 3-12-96

(This space for Federal or State office use)

General Requirements and  
Special Stipulations  
Attached

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

Timothy P. O'Brien

TITLE

*Acting*

AREA MANAGER

DATE

MAY - 9 1996

\*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.