

OPER. OGRID NO. 20305

ECLIPSE\*

10-2-96

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995UNIT  
DEPARTMENT  
BUREAU OFPROPERTY NO. 18928POOL CODE VEFF. DATE 11/14/96API NO. 30-025-33682

PM '96

## APPLICATION FOR F

## 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

(K) 1650' FSL &amp; 1650' FWL

At proposed prod. zone

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

20 miles west of Jal, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

990'

## 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.

NA

## 19. PROPOSED DEPTH

13600'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3426' GR

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

October 25, 1996

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48.0	800'	850 sx to circulate
12 1/4"	K-55 9 5/8"	40.0	5000'	1550 sx to circulate
8 3/4"	S-95 & P-110 7"	26.0	11800'	800 sx to TOC @ 6000'
6 1/8"	S-95 4 1/2"	13.5	13600'	225 sx (circ to liner top)

We propose to drill to a depth sufficient to test the Morrow formation for gas. If productive, a 4 1/2" liner will be run 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 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 J. Phil Stinson

Agent for Santa Fe Energy

TITLE

DATE

9-30-96

(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:

(ORIG. SGD.) TONY L. FERGUSON

ADM, MINERALS

APPROVED BY

TITLE

DATE

11-12-96

\*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.