

(July 1992)

U. S. DEPT. OF THE INTERIOR

P. O. BOX 1900

MOORE, NEW MEXICO, 88249

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

(Other Instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0136

Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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 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 BLM Form 3180-3)

At surface (F) 1980' FNL & 1980' FWL

At proposed prod. zone

OPER. GRID NO. 20305

PROPERTY NO. 23743

POOL CODE 71920

DATE 10-2-98

30-025-34515

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OF

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)

1980'

16. NO. OF ACRES IN LEASE

80

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

13700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, or other)

3404' GR

CAPTAN CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START

August 25, 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	H-40 20"	94.0	800'	1025 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	13700'	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 A. "Pat" JohnsonTITLE Agent for Santa Fe EnergyDATE 7-21-98

(This space for Federal or State office use)

ORIGINAL SIGNED BY CHRIS WILLIAMS

PERMIT NO.

DISTRICT SUPERVISOR

APPROVAL SUBJECT TO

APPROVAL DATE

OCT 02 1998

Application approval does not warrant or certify that the proposed well, hole or other operation complies with the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

SPECIAL STIPULATIONS

ATTACHED Assistant Field Office Manager,

Lands and Minerals

APPROVED BY

/s/ Earle Smith

TITLE

DATE

SEP 30 1998

*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.

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

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