

UNITED STATES  
DEPARTMENT OF  
BUREAU OF LAND

APPLICATION FOR PERM

20305  
22127  
83280  
12/4/97  
30-025-22564

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

1a. TYPE OF WORK

DRILL ☒ Re-Entry 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, TX 79701 (915) 682-6373

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

At surface (N) 660' FSL & 2083' FWL

At proposed prod. zone

(M) 1100' FSL & 660' FWL

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

8 mi NE from Halfway Bar, New Mexico

15. DISTANCE FROM PROPOSED \* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)

660

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.

19. PROPOSED DEPTH

14,000

20. ROTARY OR CABLE TOOLS

Rotary

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

3662 GR

22. APPROX. DATE WORK WILL START \*

10/30/97

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	177'	450 sx (Circ) (Csg in place)
17 1/2"	? 13 5/8"	48, 54.5, 61, 68,	3198'	2450 sx (Circ) (Csg in place)
12 1/4"	J-55, N-80 9 5/8"	36, 40	5700'	1675 sx (Circ) (Csg in place)
8 3/4"	N-80; S-95, 5 1/2"	17	14000'	Stage collar @ 10,000' TOC @ 4800'

We propose to re-enter the former Cities Service Oil Co. Government N #1-Y, sidetrack and drill to a depth sufficient to test the Morrow formation for gas. If productive, 5 1/2" casing 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 Choke Schematic

Exhibit C - Drilling Fluids Program

Exhibit D - Auxillary Program

Exhibit E - Topo Map of Location

SUBJECT TO  
LIKE APPROVAL  
BY STATE

Exhibit F - Plat Showing Existing Wells

Exhibit F (A) - Plat of Location

Exhibit G - Well Site Layout

Surface Use and Operations Plan

This APD was previously approved as the Sinagua "19" Fed Com #2 on 7-21-95

IN ABOVE SPACE DESCRIBE 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 R. Stinson*

TITLE Agent for Santa Fe Energy

DATE 9.22.97

(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

*Splendora*

TITLE

*Acting State Director*

DATE

*11-20-97*

\*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.