

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## 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 detail, including State requirements.')

At surface  
(Lot 2) 610' FNL & 1900' FEL

At proposed prod. zone

Unit B

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

16 3/4 miles west of Carlsbad, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

610'

## 16. NO. OF ACRES IN LEASE

640 652.88

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 372.88

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

2394'

## 19. PROPOSED DEPTH

8500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

'4248' GR

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

October 26, 1998

## 23.

## PROPOSED CASING AND CEMENT

## CARLSBAD CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	K-55 9 5/8"	36#	1600'	775 sx to circulate
8 3/4"	K-55 7"	26#	8500'	400 sx to circulate

WITNESS

NSL-

We propose to drill to a depth sufficient to test the Cisco/Canyon formation for oil. If productive, 7" casing will be run to TD. If non-productive, the well will be plugged and 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
- Exhibit C - Drilling Fluid Program
- Exhibit D - Auxiliary Equipment
- Exhibit E - Topo Map at Location

Post ID-1  
11-13-98  
API 4 Loc

- Exhibit F - Plat Showing Existing Wells
- Exhibit F (A) - Plat of Location
- Exhibit G - Well Site Layout
- Surface Use and Operations Plan
- H2S Drilling Operations Plan

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

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.: MATTACHED

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 Anderson

TITLE

Agent for Santa Fe Energy

DATE

10-5-98

(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:

Acting

Assistant Field Office Manager,  
Lands and Minerals

(ORIG. SGD.) ARMANDO A. LOPEZ

APPROVED BY

TITLE

DATE

NOV 04 1998

\*See Instructions On Reverse Side

DISTRICT I  
P. O. Box 1980  
Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals, and Natural Resources Department

Form 02-002  
Revised 02-1998  
Instructions on back

DISTRICT II  
P. O. Drawer DD  
Artesia, NM 88211-0719

**OIL CONSERVATION DIVISION**  
**P. O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

Submit to the appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

DISTRICT III  
1000 Rio Brazos Rd.  
Artesia, NM 87410

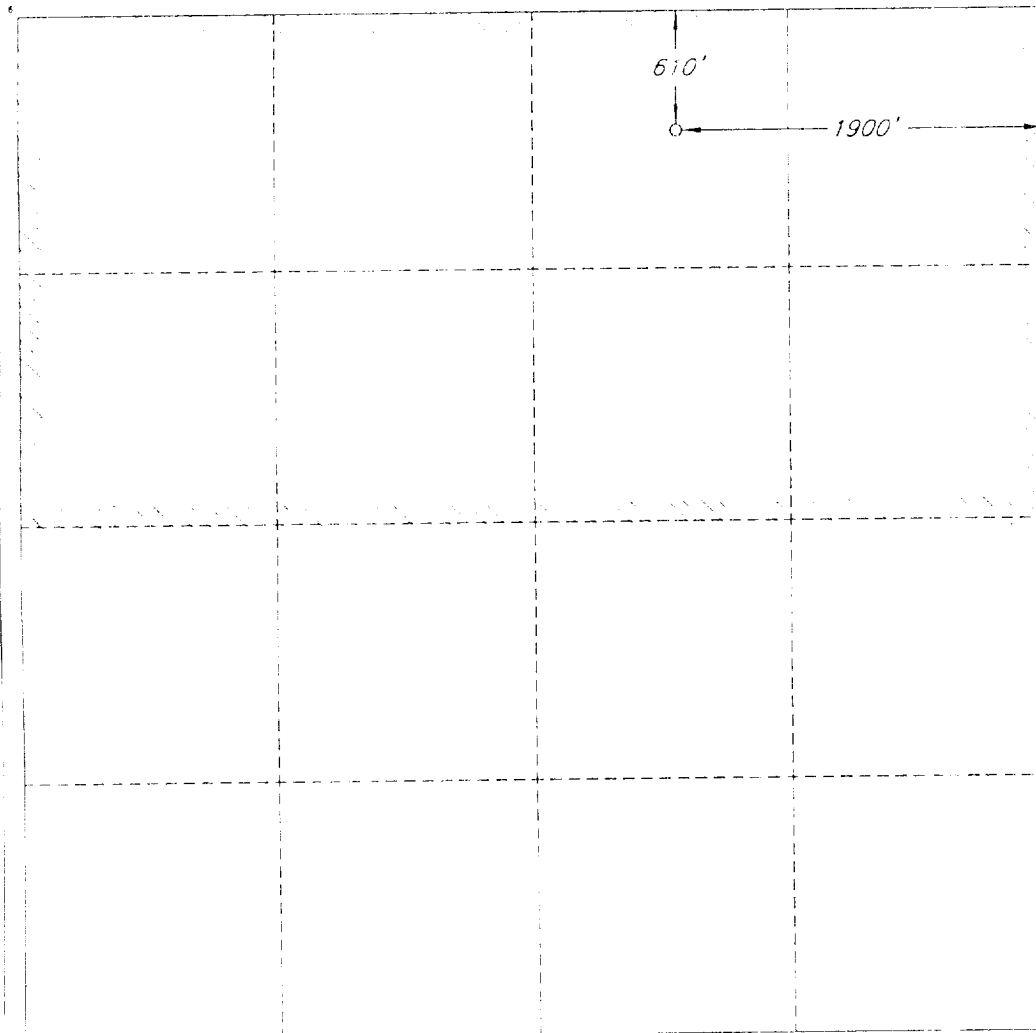
DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number		Pool Code		Pool Name Indian Basin (Upper Penn)					
Property Code		Property Name NAGDOOLTEE PEAK '5' FEDERAL COM						Well Number 4	
GRID No. 20305		Operator Name SANTA FE ENERGY RESOURCES, INC.						Elevation 4248'	
SURFACE LOCATION									
UL or lot no. LOT 2	Section 5	Township 22 SOUTH	Range 24 EAST, N.M.P.M.	Lot Ida	Feet from the 610'	North/South line NORTH	Feet from the 1900'	East/West line EAST	County EDDY
BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN  
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

I hereby certify that the information  
contained herein is true and complete  
to the best of my knowledge and belief.

Signature: *James P. "Phil" Stinson*  
Printed Name: James P. "Phil" Stinson  
Title: Agent for Santa Fe Energy  
Date: 10/05/98

**SURVEYOR CERTIFICATION**

I hereby certify that the well  
location shown on this plat was  
plotted from field notes of actual  
surveys made by me or under  
my supervision, and that the  
same is true and correct to the  
best of my belief.

Date of Survey: SEPTEMBER 18, 1998

Signature and Seal of  
Professional Surveyor  
*Roger M. Robbins*  
Certificate No. 12128  
ROGER M. ROBBINS, P.S. #12128

JOB #60438 / 51 NE / 41

EXHIBIT B  
 SANTA FE ENERGY RESOURCES, INC.  
 Nagcootee Peak "5" Fed Com #4  
 610' FNL & 1900 FEL  
 Section 5, T-22-S, R-24-E  
 Eddy County, New Mexico

