

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 ☐

## 2. NAME OF OPERATOR

Santa Fe Snyder Corp.

## 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

(B) 1905' FNL &amp; 660' FEL

At proposed prod. zone

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

16 3/4 miles west of Carlsbad, New Mexico

## 10. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

440

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.

2161'

## 19. PROPOSED DEPTH

8500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4233' GR

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

March 15, 2000

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	K-55 9 5/8"	36# WITNESS	1600'	775 sx to circulate
8 3/4"	K-55 7"	26#	8500'	400 sx TOC @ 6000'

We propose to drill to a depth sufficient to test the Cisco/Canyon formations for oil.

If productive, 7" casing will be run to TD. If non-productive, the well will be plugged in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

This well was previously approved as the Old Ranch Knoll "8" Fed #3 in December 1994.

## Drilling Program

- Exhibit A - Operations Plan
- Exhibit B - BOP and Choke Manifold
- Exhibit C - Drilling Fluid Program
- Exhibit D - Auxiliary Equipment
- Exhibit E - Topo Map of Location

## Exhibit F - Map Showing Existing Wells

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

APPROVAL  
GENERAL REQUIREMENTS  
SPECIAL STIPULATIONS  
ATTACHEDNotify OCD at SPUD & TIME  
to witness cementing the  
9 5/8" casing.

Santa Fe Snyder Corp. 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.: UT 0855  
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" Peterson

Agent for Santa Fe Snyder Corp.

TITLE

DATE

2-29-00

(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:Assistant Field Manager,  
Lands And Minerals

APPROVED BY

TITLE

DATE

\*See Instructions On Reverse Side

RECEIVED  
MAR 07 2000  
BLM  
ROSWELL, NM