

NATIONAL SYSTEM OF PUBLIC LANDS  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ANYER, NM 88210

88210

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		30-015-27887	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P. ✓			
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, Texas 79701			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface (E), 2310' FNL and 700' FWL, Sec 17, T-23-S, R-31-E At proposed prod. zone			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles East of Loving, New Mexico			
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		16. NO. OF ACRES IN LEASE 480	
700'		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FC, ON THIS LEASE, FT. 1200' to #14		19. PROPOSED DEPTH 8100'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* February 15, 1994	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3314' GR		22. APPROX. DATE WORK WILL START* February 15, 1994	

PROPOSED CASING AND CEMENTING PROGRAM				R-111-P Potash
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48.0	600'	600 sx to circulate
12-1/4"	8-5/8"	32.0	4200'	2000 sx to circulate
5-1/2"	5-1/2"	15.50 & 17.0	8100'	TOC 200' inside 8-5/8" casing

We propose to drill to a depth sufficient to test the Delaware Formation for oil. If productive, 5-1/2" casing will be cemented 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 Arrangement  
Exhibit C - Drilling Fluid Program  
Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map of Location Area  
Exhibit F - Plat of Existing Wells  
Exhibit G - Plat of Well Location and Lease Roads  
Exhibit H - Well Site Layout  
Multi-Point Surface Use and Operations Plan

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.

SIGNED Darrell Roberts TITLE Senior Drilling Engineer DATE November 11, 1993  
(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 H. Frank Sponderia TITLE Associate DATE Nov 12 1993

\*See Instructions On Reverse Side