

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-45235		
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"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P. 20290 ✓ 10024 1994			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701			8. FARM OR LEASE NAME 9981 Pure Gold C-17 Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At SURFACE (P), 330' FSL and 330' FEL, Sec. 17, T-23S, R-31E At proposed prod. zone MT. P			9. WELL NO. 6		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles East of Loving, New Mexico			10. FIELD AND POOL OR WILDCAT 605 MEDANOS Sand Dunes, West (Delaware)		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 40297		
16. NO. OF ACRES IN LEASE 480			12. COUNTY OR PARISH 13. STATE Eddy NM		
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1650'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. PROPOSED DEPTH 8200'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3326' GR			22. APPROX. DATE WORK WILL START* February 1, 1994		

PROPOSED CASING AND CEMENTING PROGRAM					R-111-P Potash
SIZE OF HOLE	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	4130'	2000 sx to circulate	
7-7/8"	5-1/2"	15.5 & 17.0	8200'	To tie back to 3900'	

We propose to drill to a depth sufficient to test the Delaware formation for oil. 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 and Choke
Exhibit C - Drilling Fluid Program
Exhibit D - Auxiliary Equipment
Exhibit E - Topo Map of Location

Exhibit F - Plat Showing Existing Wells
Exhibit G - Well Site Layout
Surface Use and Operations Plan

This APD is being re-submitted in reponse to request by Craig Cranston on Dec. 16, 1993, and BLM drainage letter dated September 23, 1993.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Daniel Pohata TITLE Sr. Drilling Engineer DATE 12/21/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 3-11-94
APPROVED BY Frank Spieronia TITLE Associate APPROVAL SUBJECT TO
CONDITIONS OF APPROVAL, IF ANY: GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

and willfully to make to any department or agency of the