

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-025-30732

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0392867	
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.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 500 W. Illinois, Suite 500, Midland, TX 79701			8. FARM OR LEASE NAME Uncle Sam <sup>13</sup> Federal <sup>13</sup>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FNL & 1980' FEL, Sec. 13, T-18S, R-32E At proposed prod. zone Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 26 miles east of Carlsbad, NM			10. FIELD AND POOL, OR WILDCAT West Carpen Undesignated Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T-18S, R-32E	
16. NO. OF ACRES IN LEASE 40			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A			19. PROPOSED DEPTH 6500'	
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3848.6' GR	
22. APPROX. DATE WORK WILL START* ASAP				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	425'	Circulate
7 7/8"	5 1/2"	15.5	6500'	Circulate

Move on location and rig up. Drill a 12 1/4" hole to 425'. Run and cement 8 5/8" casing with sufficient Class C containing 2% CaCl<sub>2</sub> to circulate cement to surface. Wait on cement 8 hours. Test casing to 600 psi. Drill a 7 7/8" hole to 6500'. Run logs. Run and cement 5 1/2" casing with sufficient lite weight cement to circulate to surface when followed by 262 cu.ft. Class C containing 2% calcium chloride.

APPROVAL OF THE  
DISTRICT ENGINEER AND  
SUPERVISOR  
APPROVED

RECEIVED  
OCT 11 10 33 AM '89  
CARTER  
AREA

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 Michael R. Burton by [Signature] TITLE District Drilling Engineer DATE 10-10-89  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Alan Kram TITLE for DATE 11-9-89  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side