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FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

## DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU OF	LAND MANAC	GEMENT			NM-0415688		
APPL	ICATION FOR P	ERMIT TO I	ORILL OR DE	EPEN		6. IF INDIAN, ALLOTTED OR TRIBE NAME		
DRILL X DEEPEN						7. UNIT AGREEMENT NAME		
WELL	GAS WELL X OTHER		SINGLE X	MOLTIP Zone	1.16	8. FARM OR LEASE NAME, WELL NO. Foal "17" Fed #1 20939		
Santa Fe Energy Re		0305	<u> </u>	<u> </u>	1	9. API WELL NO.		
ADDRESS AND TELEPHONE NO		10701 (01E) (01	1 1942-1 T.		4	30-015-29656 10. FIELD AND POOL, OR WILDCAT		
	e 1330; Midland, Texas 7			ents * )	· —	-		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface (G) 1980' FNL & 1980' FEL						Dublin Ranch Relies 74  11. BEC., T., R., M., OR BLK. AND BURVEY OR AREA		
At proposed prod. zo	one		يروه		:	Sec. 17, T-22-S, R-28-E		
	and direction from Near st of Otis, New Mexico	REST TOWN OR POS	T OFFICE*	* <b>.</b>	2	12. COUNTY OR PARISH 13. STATE Eddy New Mexico		
D. DISTANCE FROM PROI LOCATION TO NEARE: PROPERTY OR LEASE (Also to nearest dr	ST	1980'				OF ACRES ASSIGNED THIS WELL 320		
S. DISTANCE FROM PRO	POSED LOCATION* DRILLING, COMPLETED,	19. PROPOSED DEPTH None 12600'		20. вот	ARY OR CABLE TOULS Rotary			
21. ELEVATIONS (Show w	hether DF, RT, GR, etc.)					22. APPROX. DATE WORK WILL START		
3077' GR					·	May 5, 1997		
13.	PROPOSED CASING AND CEMENTING PROGRAM					LA CAREA BASIN		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER F	OOT SETTING	DEPTH		QUANTITY OF CEMENT		
17 1/2"	H-40 13 3/8"	48.0	4.	50'		450 sx to circulate		
11"	K-55 8 5/8"	32.0	2600'		ļ	700 sx to circulate		
7 7/8"	N-80 5 1/2"	17.0	7.0 12600'			1200 sx TOC @ 6000'		
will be cemented to TD. If non-productive, the well will be pl with Federal Regulations. Specific programs as per Onshore Of following attachments:  Drilling Program Exhibit A - Operations Plan Exhibit B - BOP and Choke Scematic, 5-M Exhibit C - Drilling Fluid Program Exhibit D - Auxiliary Equipment Exhibit E - Topo Map at Location  Santa Fe Energy Resources, Inc. accepts all applicable terms, co			Exhibit F - Map Showing Existing Wells Exhibit F (A) - Plat of Location Exhibit G - Well Site Layout Surface Use and Operations Plan  APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND					
restrictions concerning described above.	or portion thereof, as SPECIA  ATTAC  BLM Bond File No.: MT 0750			AL STIPULATIONS CHED				
deepen directionally, give pe	INKET BOND  IBE PROPOSED PROGRAM: If Internit data on subsurface location	proposal is to deepen	give data on present pro	ductive zone	and propos	ed new productive zone. If proposal is to drill n, if any.		
signed med	O. "Ilil" Stin	Son TI	TLE Agent for Sant	ta Fe Energ	<del>:y</del> _	DATE 4-2.97		
(This space for Fed	deral or State office use)							
PERMIT NO.			APPROVAL DAT					
Application approval doc		plicant holds legal or t	equitable title to those rights	in the subject	lease which	would entitle the applicant to conduct operations th		
(0)	RIG. SGD.)JAMES G. P	ETTENGILL	e de la companya de l	i w wit	JEDA!	DATE		
APPROVED BY		rrr	!	क् <sub>ष</sub> ेश्वर (अस्ति	V Car C (F C Da V	DATE		