SALTE OF NEW MEXIC	0					Ĩ		30-02	5-30440
EN_RGY AND MINERALS DEPAR	TMENT	IL O	CONSERVA [®] P. O. BOX			SIC		Form C-101 Revised 10-	-1-78
DISTRIBUTION		~ • •				501	ſ	5A. Indicate	Type of Loase
SANTA FE		SAI	NTA FE, NEW	ME		501		STATE	
FILE									
U.S.G.S.							ŀ	5. State Off	6 Gas Loaco No.
LAND OFFICE	+1								
OPERATOR							r r	<u>IIIIII</u>	<u>IIIIIIIIIIII</u>
APPLICATIO	N FOR PE	RMIT TO	DRILL, DEEPEN	1 0	R PLUG	BACK		//////	
la. Type of Work				., .				7. Unii Agre	ement Nume
									• *
DRILL X			DEEPEN			PLUG B	ACK	A 5	
b. Type of Well				_				8. Farm or L	-
OIL X GAS WELL	OTH	C.R.		3	INGLE	MUCI	ZONE	N. H. 5	A State
2. Name of Operator								9. Well No.	
Santa Fe Energy Op	erating l	Partners	, L.P.				1	2	
3. Address of Operator			······································					10. Field an	d Pool, or Wildcat
500 W. Illinois, St	uite 500	, Midlan	d, TX 79701					North H	ume/Wolfcamp
4. Location of Well UNIT LETTE	n <u>C</u>	LOC	ATED 660	76	ET FROM THE	North	LINE	IIIII	<u>IIIIIIIIIii</u>
•				-			}	//////	///////////////////////////////////////
AND 1830' FEET FROM	THE West	t LIN	E OF SEC. 5	Ŧ₩	, 16S	RGE. 34E			
MINIMUM CONTRACTOR	IIIII	11111	TITITITI I	$\overline{\Pi}$	111111	777777		12. County	HHHHH
V/////////////////////////////////////	///////			\cdots		//////	//////	Lea	
titlettettettettettettettettettettettettet	HHHH	+++++++	+++++++++++	<i>H</i> +	+++++++	<i>++++++</i>	<i>HHHH</i> H	TEA	<i>[[</i>]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
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	7777777		IIIIII	$\overline{\mathcal{T}}$	777777	77777	7777777,	777777	711111111
///////////////////////////////////////	///////			110	. Froposed L	epth 1	9A. Formation		20, Rotary or C.T.
$\forall HHHHHHHHH$		//////		3	10,30	0'	Wolfc	amp	Rotary
21. Elevations (Show whether DF,	KI, etc.)	21A. Kind	& Status Plug. Bond	21	B. Drilling C	Contractor		22. Approx	. Date Work will start
4152.7		B1a	nket		To be	bid		AS	SAP
23.	······································			, J					
		P	ROPOSED CASING	ND	CEMENT PR	OGRAM			
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FO	от	SETTING	DEPTH	SACKS OF	CEMENT	EST. TOP
17 1/2"	13 3/	8"	48#		45	0'	45	0 sx	Surface

1/ 1/ 4		401	. 450	400 04	1 Durrace	
12 1/4"	8 5/8"	24#	4,550'	2,500 sx	Surface	
7 7/8"	5 1/2"	17#	10,300'	800 sx	3,000'	
	l	1			1	
Move in rig and dr	ill 17 1/2" hole	to 450'+. Run	13 3/8" casing a:	nd cement to sur	face with	
alaga C soment 1/2						

Class C cement w/2% CaCl2. Drill 12 1/4" hole to 4550'. Run 8 5/8" casing and cement to surface with 65/35 Class C cement/Poz, 6% gel, 10% salt and 1 1b/sx celloflake, followed by 360 sx Class C cement. Drill 7 7/8" hole to 10,300'. Run 5 1/2" casing and cement to 3000' with 65/35 Class H cement/Poz (3000-9000') followed by 50/50 Class H cement/Poz, 2% gel, 0.3% fluid loss additive (9000-10300').

I hereby certify that the information above is true and complete to the best of my knowledge and belief,		
Siened homas E. Kentry / ky B. Heat Tule District Operations Manager	Date	8-5-88
ORIGINAL SIGNED BY JERRY SEXTON		
DISTRICT I SUPERVISOR		AUG 1 5 '80

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

SANTA FE ENERGY OPERATING PARTNERS, L.P.

N.H. 5A State No. 2 Blowout Prevention Program Sec. 5, T16S, R34E, Lea County, N.M.

An 11" 5000 psi W.P. double ram preventer containing one set of pipe rams and one set of blind rams, an 11" 3000 psi W.P. spherical preventer and a rotating head shall be installed after the 8-5/8" casing is set. The pipe and blind rams will be pressure tested to 5000 psi and the spherical preventer will be tested to 1500 psi prior to drilling into the Wolfcamp formation.

A 5000 psi choke manifold consisting of one manual choke and one hydraulically operated choke will also be installed and pressure tested to 5000 psi prior to drilling into the Wolfcamp.

DS:cyc1397