District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-101 Revised October 18, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies Fee Lease - 5 Copies

										AME	NDED REPORT	
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE												
		¹ Operator name a	nd Address					2 O	² OGRID Number			
Santa Fe En		i, Inc.			00000				020205			
550 W. Texas, Suite 1330										3	020305 API Number	
Midland, TX		_							30-025			
⁴ Property Code 5							ty Name		130 023	6 Well No.		
16629						Thistle Unit					5	
					⁷ Surface	Locat						
UL or lot no.	Section	Towns	· ·	Lot. Idn	Feet from	n the	North/S	outh Line	Feet from the	East/West line	County	
F	34	23		<u></u>	198		No	orth	1980	West	Lea	
8 Proposed Bottom Hole Location If Different From Surface												
UL or lot no.	Section	Towns		Lot. Idn	Feet from	n the North/South Line		outh Line	Feet from the	East/West line	County	
Joh	175017	Propo	sed Pool 1	. 					10 Proposed Po	ol 2	l	
	-14	<u>ildcat</u>	(Wolfcamp)									
11 Work Ty	pe Code		12 Well Type C	Well Type Code		13 Cable/Rotary		¹⁴ Lease Type Code		15 Ground Level Elevation		
	N		G	G		R		s		3656' GL		
16 Mult	iple		¹⁷ Proposed De	Proposed Depth		18 Formation		19 (19 Contractor		20 Spud Date	
N	10		13.900	13,900'		Wolfcamp 7		To bo	determined		04/01/99	
							ement	Program	<u>deceminated</u>	<u> </u>	. 799	
Hole Siz	ze	T -	Casing Size		weight/foot	g and Cement Program Setting Depth Sacks of Cement Estimated TOC						
17-1/2)"	 	13-3/8"							Es	stimated TOC	
12-1/4			9-5/8"		18.0 10.0	600'		600 sx		1	Surface	
					26_0	5,100° 12,500°					Surface	
			4-1/2"		3 5	13,900			950 sx 350 sx	0:	6,000	
13.3										c to liner top		
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary												
RU drilling rig & rotary tools. Drl 17-1/2" hole to 600' & set 13-3/8" csg. WOC 12 hrs. NU annular BOP.												
Test casing and BOP to 700 psi. Drl 12-1/4" hole to 5,100' & set 9-5/8" csg. WOC 12 hrs. NU 10M ram BOP with annular. Test casing and BOP's to 1500 psi. Drl 8-3/4" hole to 12,500' & set 7" csg. Install a rotating head and test BOP stack and choke manifold to 10,000 psi. Test casing to 3,000 psi. Drill 6-1/8" hole to a TD of +13,900'. Run logs and evaluate for completion or P&A.												
23 I hereby certify that the information given above is true and complete to the best												
Singular and belief.							OIL CONSERVATION DIVISION					
Michael K. Bruton							Approved by: ONIGINAL SIGNED BY CHPIS WILLIAMS DISTRICT I SU-ERVISOR					
50.5011							Title:					
Citle: Division Manager - Drilling A						Approval Date: 25 1999 Expiration Date:						

Formit Expires 1 Year From Approval Date Unless Drilling Underway

DISTRICT I P. O. Box 1980 Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals, and Natural Resources Department Form C-102 Revised 02-10-94

Instructions on back

Submit to the Appropriate District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT II P. O. Drower DD Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

OIL CONSERVATION DIVISION P. O. Box 2088 Santa Fe, New Mexico 87504-2088

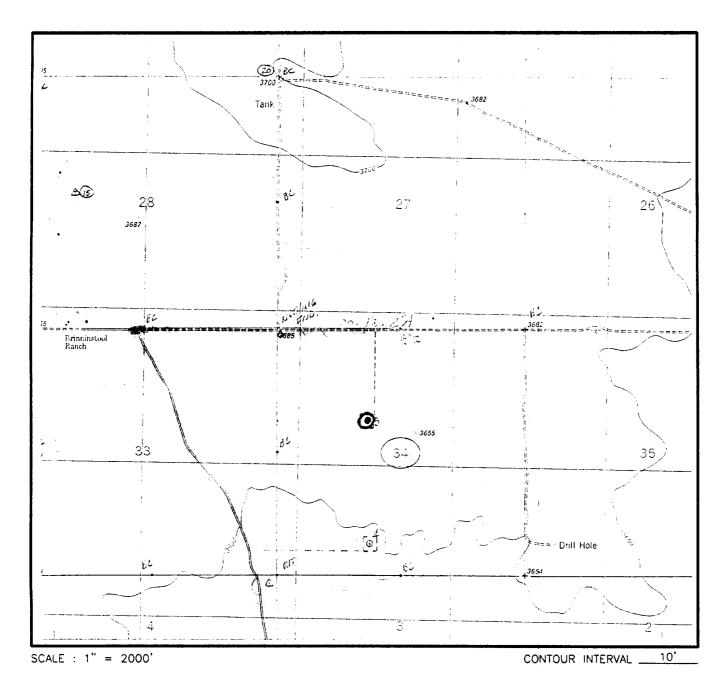
AMENDED REPORT

DISTRICT IV
P. O. Box 2088
Santo Fe, NM 87507-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT

			W.C.	L LUCAI	ION AN			DICATION PL	~			
API Number 2 Pool Code 3 Pool Name Johnson Ranch												
			34580	793	<i>35</i>			-Wildcat (W	olfcamp)			
			5 Property N	ame		• Well Number						
16629						5						
OGRID N			⁸ Operator N			* Elevation						
020	305			SAr	NIA FE	ENER	GT KESUL	IRCES, INC.		3656)	
	"SURFACE LOCATION											
UL or lot F	no.	Section 34	Township 23 SOUTH	Reng 33 EAST,			Feet from the	North/South line NORTH	Feet from the 1980'	East/West line WEST	County LEA	
"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE												
UL or lot	no.	Section	Township Range		e	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicate		eres 13 J	oint or Infill	14 Consolidatio	on Code	15 Order	No.	.[<u> </u>			
		NO AL	LOWABLE WI	ELL BE ASS	IGNED T	O THIS	COMPLETION	UNTIL ALL IN	TERESTS HA	VE BEEN		
16		CO	NSOLIDATED	OR A NON	-STANDA	ARD UNI	T HAS BEEN	N APPROVED B	Y THE DIVIS	ION		
		-							OPERATO:	R CERTIFICA	ATION	
			!		!		1	1		ify that the inf		
					!			II		ein is true and ' my knowledge a		
			ļ		! !			I +	Signature			
			!		!				Micha	I K. Burti	L Bon	
			1	980'	!		}		Printed Name			
			l I		! !		;	F.	MICHAEL	R. Burt	oN	
			+	- ,	+ · !		‡		Title	44 . D. I	ı	
			1		1		l X	İ.	Date Date	Mgr-Deil	IING	
E			į] }		İ	2	z/19/99		Ū	
		1980	۔ بداری		İ		į	I	-7-1117			
		1900	^		1		į	£	SURVEYO	R CERTIFICA	TION	
			1		! }		i	F	/ hereby c	ertify that th	ha wall	
			1		i I		1	1		own on this p		
				-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	#8 - 1888 - 2 - 1888 	1-00-1-0		Marie - J Marie - J Marie - M		field notes of		
			1		 		l I			de by me or ision, and th		
			1		1 1		1		same is tru	e and correct	to the	
			1		I I		i I		best of my	belief.		
			1		 		l E	1 1	Date of Survey			
			1		1 1		1	11	FERRI	IARY 15 100	9	
			1		1		ļ	1 1	Signature and	SON OF OFFICE		
					- - -		+		Profession (1)	MEXICO MEXICO	4	
			į		į		į			EN MEXICO. OF		
			į		, 		į		20 /		<u> </u>	
-					<u>.</u>				= 6	(12128)		
			!		!		!		JES.			
			1		! !		1		Nogs: V	V NOTE	16	
			1] }		i i	[],	Certificate (36): ROGER M//R	in the survey	gii #12128	
			1		l L				JOB #6246		#12120 V.H.B.	
						. 6	c. T		JUD #0246.	ר זכיימאשווא. כר /	v.n.b.	

+ Lala hopenan ans

LOCATION & ELEVATION VERIFICATION MAP



 SECTION
 34
 TWP
 23-S
 RGE
 33-E

 SURVEY
 NEW MEXICO PRINCIPAL MERIDIAN

 COUNTY
 LEA
 STATE
 NM

 DESCRIPTION
 1980' FNL & 1980' FWL

 ELEVATION
 3656'

OPERATOR SANTA FE ENERGY RESOURCES, INC.

LEASE THISTLE UNIT #5

U.S.G.S. TOPOGRAPHIC MAP

TIP TOP WELLS, NEW MEXICO

LAT. N 32'15'46.3"

LONG. W 103'33'42.7"



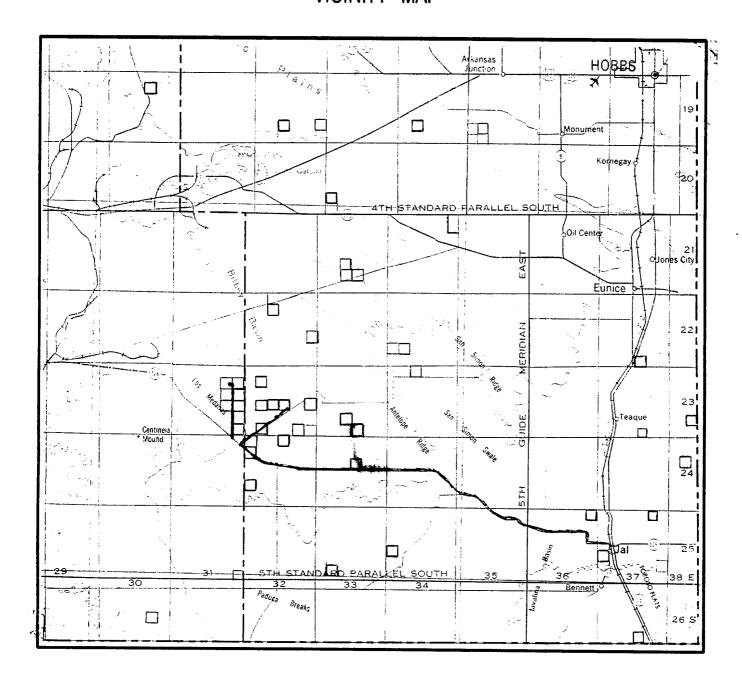
This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

Review this plat and notify us immediately of any possible discrepancy.

TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

VICINITY MAP



SECTION	34	_ TWP	<u>23-S</u>	RGI	Ξ	33-E
SURVEY	NEW I	MEXICO	PRINCIPAL	MERID	AN	
COUNTY		LEA	ST	ATE	NM	
DESCRIPTION .		198	80' FNL &	1980'	FWL	

OPERATOR SANTA FE ENERGY RESOURCES, INC. THISTLE UNIT #5 LEASE ___

DISTANCE & DIRECTION ___ FROM THE JCT. OF CO. RD. 21 & HWY. 128, '21 MILES WEST OF JAL, GO WEST 3.0 MILES ON HWY. 128, THENCE NORTH 4.0 MILES ON LEASE ROAD, THENCE EAST 1.0 MILE ON COUNTY ROAD TO A POINT ±2000' NORTH OF THE LOCATION.



This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

Review this plot and notify us immediately of any

possible discrepancy.

TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

PLAT SHOWING PROPOSED WELL LOCATION AND LEASE ROAD IN SECTION 34, T-23-S, R-33-E, N.M.P.M. LEA COUNTY, NEW MEXICO

