(July 1992)		DEPA BU	RTN		DF TH	IE IN				IN DUPL	(See struction roverse	ons or	। दि		OMB Expires	M APPROVED NO. 1004-0137 February 28, 199 TION AND SERIAL N
WELL CO	OMP													NM-4(
WELL CO					UMPI	-EIIC	<u></u>	REP	OR	T AN	DLO	OG	* ^{0.}		N, ALLC	OTTEE OR TRIBE NAM
b. TYPE OF C		•	OIL WELL	GAS WELI		dry [] 0	th N.M	- Oi	l Con	· · · · ·		- 17.	UNIT AG	REEMEN	NT NAME
	ק א		DEEP-	PLUG BACK		DIFF. IV	ה	P ther		1980						
2. NAME OF OPER				BACK		DIFF. RESVR.	<u> </u>		bs. N	IM 882	41					NAME, WELL NO.
Santa Fe En 3. ADDRESS AN	ergy	Resource	<u>s. In</u>	<u>c.</u>												th "AN"
<u>550 W. Texa</u>			Mid	lland T	/ 707/		_						9.	Feder API WELL	d # 2 L NO.	
4. LOCATION OF V At surface	VELL (A	Report location	clearly	and in accord	ance with	any State	requir	ements)*	<u> </u>	(915)6	<u>87-3</u>	551		30-02 FIELD A	5-309	45 L, OR WILDCAT
(M), 560' F At top prod. inte	SI an	Ч 990' FL							<u>;</u> 1	<u>or pi (</u>	<u>080</u>			Undes SEC., T.,	ianat	10un
At total depth								នេទ្	1 9		7			AND SUR	VEY OR	AREA
					14. PI	ERMIT NO.		<u></u>		TE ISSUED		\star	12. 0	COUNTY	<u>3, T-</u> or	185, R-32E
15. DATE SPUDDED		D.40000								(~~~~		Lea	PARISH		
10/18/97	16.	DATE T.D. RE 11/02/97			е сомрі. (. 102/97	Ready to p	red.)			EVATIONS		B, RT	, GR, ET	°C.)*	19.	ELEV. CASINGHEAI
20. TOTAL DEPTH, N	ND & TVI			KT.D., MD & 1		2. IF MUL		COMPL	3	760'G	-					
10,800'		796	55'			HOW MA	NY*	N/A			RILLET		"	OTARY 1	TOOLS	CABLE TOOLS
24. PRODUCING INT	ERVAL(S)	, OF THIS COM	PLETION	I - TOP, BOTT	OM, NAME	(MD AND	(VD)*						L	A11		25. WAS DIRECTION
3713' - 3750)' (Qu	een)														SURVEY MADE
26. TYPE ELECTRIC																No
Previously s	submit	ted													27. W	AS WELL CORED
CASING SIZE/GRAD		WEIGHT, LB.	/			ORD (Re	port a	ll strings	set in v	vell)						No
3-3/8"			/F1.	DEPTH SET 390'	Г (MD)	н 17-1/	OLE S	IZE					CEMEN	TING REC	ORD	AMOUNT PUL
5/8"		4.0#		2471'		12-1/	-			450 sz						None
1/2"	1	<u>5 & 17</u>	. 0#	10.800		7.7/8				<u>800 s</u> 800 s			200	<u>sx "C</u>		None
			LINEP	RECORD							<u>a n</u>					None
SIZE	TC	OP (MD)		OM (MD)	SACKS	CEMENT*	T	SCREEN	(MD)	30.				NG REC		·
<u>N/A</u>	ļ						1-	Seresari	(MD)	<u> </u>	ze 7/8"			H SET (M	D)	PACKER SET (M
PERFORATION PEO										+	70	+		596'	-	<u>N/A</u>
PERFORATION REC 10, 330' - 10,	,442'	(Dlugged)	r)			32		AC	ID, SHO	r, fra	CTU	E, CE	MENT S	QUEEZ	E, ETC.
8160'-8450'			-					DEPTH IN 0,330	TERVA	AL (MD)		A	IOUNT	AND KIN	D OF MA	TERIAL USED
3713'-3750'			SPF	w/3-1/8'	' norf	aun		0.000	10.	ττ <u>ι</u>			<u>@ 10</u> @ 97	<u>.390°</u>	<u>W/2</u>	<u>'5' cmt on to</u>
					peri	gun	8	160'-8	3450	•		[BP	<u>e 80</u>	<u>00'w</u>	<u>/ 30</u> / 35'	<u>cmt on top</u>
•					P	RODUCT		713'-3	3750		<u> </u>	`ac'	<u>d w/</u>			
TE FIRST PRODUCTION	ON	PRODUC	TION M	ETHOD (Flowi	ng, gas lif	, pumping	- size	and type	of pun	тр)	5	anc	χ			Producing or
1/02/97 TE OF TEST	HOIM	Pump	ing 1	<u>-1/4" x</u>	22'				-					shut-	1m	roducing or oducing
1/09/97	24	- 1031ED		OKE SIZE	PROD'N TEST P			- BBL.		GAS - M	CF.	1	WATE	R - BBL.		GAS - OIL RATIO
OW. TUBING PRESS.		G PRESSURE	CAI	CULATED	OIL - BI	BL.	67	GAS - M	ICF	59	W/ 4 77-		0			380
/A	0			IOUR RATE	67			59	~		wate 0	. K - 8 B	4.	1		VITY - API (CORR.)
DISPOSITION OF GAS	S (Sold, u	sed for fuel, ve	ented, e	lc.)				<u></u>					EST W	TNESSED		deg @ 64 deg
- · w	NTS		· <u>··-</u> ,													
LIST OF ATTACHME												_				
160-5	oregoing a	nd attached inform	nation is c	omplete and cor	rect as deter	nined from a	ll evaile	ibie records							<u> </u>	
	X	<u> </u>		110	1											
160-5	terry	Me	(llou	d II	ne Sr.	Pro	oductio	on C	lerk					11/1	7/07
160-5 I hereby certify that the f	es.		OS and	Spaces	7									DATE	11/1	.7/97

		TRUE VERT. DEPTH	
GEOLOGIC MARKERS	TOP	MEAS. DEPTH	
38. GEOL		NAME	
recoveries): recoveries): recoveries): recoveries) and subtruction pressures, and	DESCRIPTION, CONTENTS, ETC.		
	BOTTOM	<u> </u>	
	ð		EOLET DELICE
recoveries):	NOTAINO		HE OI V 12

U.S. GOVERNMENT PRINTING OFFICE: 1992-774-672

District Office s Lesss - 4 co e Lesse - 3 co

DISTRICT | P.O. Box 1980, Hobbs, NM \$2240

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DISTRICT II P.O. Drawer DD, Artania, NM \$8210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT ļ

	Distances	must be	from the	outer boun	daries o	f the section
--	-----------	---------	----------	------------	----------	---------------

Operator					Louis		······		Well No.
1 -	e Ene	ergy Ope	rating H	artners, Ll		Young No	rth Federa	al AN	2
Unit Letter M	Sectio		Township	18 South	Range	32 East	NMPM	County	Lea
Actual Footage Loca	ntion of	Well:		· · · · · · · · · · · · · · · · · · ·	J			•••••	
560	feet fr	om the	South	line and	990		feet from	the West	line
Ground level Elev.		Producia	g Formation		Pool				Dedicated Acreage:
3761			een			Young Oue		<u></u>	40 Acres
I. OLIEM	8 1049 BCT	arilia asarare	a to the subject	t well by colored per		e marke de uie plac	DENUW.		
2. If more	than of	se lease is dec	licated to the w	rell, outline each and	identify the	ownership thereof (both as to working	ng interest and	royalty).
		e lease of dif		ip is dedicated to the	well, have th	e interest of all ow	mers been consol	idated by com	munitization,
	Yes	. ĪX]No I	if answer is "yes" typ					
If answer this form			ne lease	criptions which have	actually been	consolidated. (Us	e reverse side of		
No allows	ble will	be assigned I	o the well until	I all interests have be interest, has been app			ation, unitization	forced-pooling	g, or otherwise)
	DOD-SLAD		minung soca i	interest, has over app	roved by the	DIVIDOL			
		1	· ·			1			OR CERTIFICATION
		İ				i	6		certify that the information in true and complete to the
		1				I	6	st of my knowl	edge and belief.
		1				1		mature	
		1				I		- ^	2 Poberto
		1					1	inted Name	2 Would
		. <u> </u>				<u> </u>	1	Darrell	Roberts
						1		ation	
		1				1			ling Engineer
		1					1 1	•	ta Fe Energy Partners, L.P.
		ļ				ļ	Da	<u></u>	ber_24, 1990
		 				 		SURVEY	CERCERCATION
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		 !				 	D	te Surveyed	WN W 11- 1990
╶┿┙┿┵┍┿╵╱┿ ┕	7777	È	F. J			i		mature & Scal	
ł,		ŕ		Lease # NM e Energy Op			Pr Pr	ofessional Surv	reyor
3759.8	- 7	767.5		s, L.P. et.					
<u>-990'</u>	-0 II	ł		- 12.50% Roy		Ĩ		$\Omega \rho$. 111
3761.3	י <u>ן</u> איז	763.4		et.al - 5.00				Im	() Vest 576
, <u> </u>	ъ́́́́́́́					L <u></u>	//~	ROI	NALD J EIDSON, 3239
	F T			7			Y		
330 660 99	10 13	1650	1980 2310 3	2640 2000	1500	1000 500			

Form 3160-5 (June 1990)	UNITED STATES N.M OIL CON DEPARTMENT OF THE INTERIOR ^P 1980 BUREAU OF LAND MANAGEMENT ODDS. NM 8824 1	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
c		5. Lease Designation and Serial No.
Do not use this form	SUNDRY NOTICES AND REPORTS ON WELLS for proposals to drill or to deepen or reentry to a different reserv = "APPLICATION FOR PERMIT - " for such proposals	OIT. NM - 40449 6. If Indian. Allottee or Tribe Name
	SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Y Oil Gas		
Z. Name of Operator	Other	8. Well Name and No. Young North AN
Santa Fe Energy F	Resources. Inc.	Federal #2
3 Address and Telephone No.		9. API Well No.
<u>4 Location of Well (Footage</u>	te 1330, Midland, TX 79701 915/687-3551 Sec., T., R., M., or Survey Description)	30-025-30945 10. Field and Pool, or exploratory Area
	990' FWL, Sec. 8, T-18S, R-32E	Undesignated Young (Queen) 11. County or Parish, State
		Lea мм
12. CHECK AP	PROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
	MISSION TYPE OF A	ACTION
Notice of Ir	Abandonment	Change of Plans
X Subsequent	Recompletion	New Construction
X Subsequent	NOV 20 1331 Plugging Back	Non-Routine Fracturing
Final Abanc	donment Notice	Water Shut-Off
	Altering Casing	Conversion to Injection
	Other	(Note: Report results of multiple completion on Well
3. Describe Proposed or Complete give subsurface locatio	d Operations (Clearly state all pertinent details, and give pertinent dates, including estimated dat ons and measured and true vertical depths for all markers and zones pertinent to this work.)*	Completion or Recompletion Report and Log form.) te of starting any proposed work. If well is directionally drilled
10/18/97: MIRU.	POOH w/ pump and rods. SD for weekend.	
10/21/97: ND well	head. NU BOP. POOH w/ tubing.	
$10, 3000\pi$, OK. COI	eline and set CIBP @ 8000'. Dump bail 35' of cmt on top relate & perforate 2 SPF 3713-18'; 3723-27'; 3732-38'; 8 eline. PU Uni V pkr, SN, test tbg in hole to 3766'. Pul	\$ 3745-50' All shots fired no
10/24/97: RU BJ a	nd frac well w/ 14,000 gal gel & 44,300# 16/30 sand. RL	J to begin swabbing operations.
10/25/97: TP 10#. bbls load water.	Tag fluid @ 2000'. Swab fluid to 3300'. Avg fluid en	ntry = 5 bbls/hr. Recovered 69
10/26-30/97: Cont	inued swabbing.	
pumping unit and be		anchor, pump, & rods. Set 228
14. I hereby certify that the foreg	oing is the and connect <u> <u> <u> </u> /u></u>	
(This space for Federal or Stat		
Approved by Conditions of approval, if any	7: Title	Date
Title 18 U.S.C. Section 1001, ma or representations as to any matter		e United States any false, fictitious or fraudulent statements
0-	* See Instruction on Reverse Side	
لم ال	ZA NYeru	na BS do

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\checkmark	C'_{-}	. 1

Do not use this form	UNITED ST. DEPARTMENT OF T. BUREAU OF LAND N SUNDRY NOTICES AND REPO for proposals to drill or to de "APPLICATION FOR PERMIT	HE INTERIOR IANAGEMENT ORTS ON WELLS epen or reentry to a		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. NM-40449 6. If Indian, Allottee or Tribe Name
	SUBMIT IN TR			7. If Unit or CA, Agreement Designation
4. Location of Well (Footage,			3551	8. Well Name and No. Young North AN Federal #2 9. API Well No. <u>30-025-30945</u> 10. Field and Pool, or exploratory Area North Young (Queen) 11. County or Parish, State Lea NM
12. CHECR AF	PPERERIATE BOX(s) TO I	DICATE NATURE	OF NOTICE, REPOR	RT, OR OTHER DATA
				ON
Notice of J	NEL C	Abandonme X Recompletic Plugging Ba Casing Repu Altering Ca Other	n n nck air	Change of Plans Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is planned to recomplete in the Queen formation as follows:

1. TIH w/ CIBP & set at 8000'. Dump bail 35' cmt on top of plug.

2. TIH w/ 4" csg gun and perf 2 JSPF from 3713-18', 3723-27', 3732-38', & 3745-50' (44 holes.

3. Acidize new perfs w/ 1500 gal 7-1/2% NEFe acid w/ 44 ball sealers.

4. Fracture treat w/ 20,000 gal gel and 45,000# 16/30 mesh sand.

5. Place well on production test and submit completion report.

4. I hereny certify that the foregoing intrue and correct Signed Dury Cullough	Title Sr	. Production Clerk	Date	10/21/97
(This space for feederal of GARY GOURLEY Approved by Conditions of approval, if any:	Title	FTROLEUM ENGINEEP	Date	OCT 3 0 1997

SUBJED

2V CTAT

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED 1997 OCT 24 A 4: 50 BUREAU OF LAND MORT. ROSWELL OFFICE

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