3163-4 ember 1983) merly 9-330)

9.

UNITED STATES

SUBMIT IN DUPLICATE*

Form approved. Budget Bureau No. 1004-0137

DATE 4-20-94

Expires August 31, 1985

Sommer to a DEPARTMENT OF THE INTERIOR EASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT NM-81217 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* TYPE OF WELL: WELL X 7. INIT AGREEMENT NAME TYPE OF COMPLETION: DIFF. ESVR. Re-Entry WELL L. YARM UR LEASE NAME Other Nagooltee Peak 5 Federal AME OF OPERATOR Santa Fe Energy Operating Partners, L.P. 9. WELL NO. 10. FIELD AND POOL, OR WILDCAT 550 W. Texas, Suite 1330, Midland, Texas 79701 Indian Basin Upper Penn OCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface (J), 1633' FSL and 1636' FEL, Sec. 5, T-22S, R-24E 11. SEC., T., R., M., OR BLOCK AND BURVEY At top prod, interval reported below Sec. 5, T-22S, R-24E At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13 STATE ARISH 30-015-24713 Eddy NM DATE T.D. BEACHED | 17. DATE COMPL. (Ready to prod.) | 18. Re-Entered 19. ELEV. CASINGHEAD ELEVATIONS (DF, RKB, RT, GE, ETC.) 4-11-94 <u>3-26-94</u> 4280.3' GR INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 21. PLUG, BACK T.D., MD & TVD HOW MAST 8565' NEW TO 8471' N/A A11 N/A PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) WAS DIRECTIONAL SURVEY MADE 8306'-8348' (Upper Penn) No . TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DLL/MSFL; LDT/CNL No CASING RECORD (Report all strings set in well) CEMENTING RECORD CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 13-3/8" 17-1/2" 48# 310' Circ'd w/ 845 sx None 8-5/8" 32# None 2550 12-1/4" Circ'd w/ 1115 sx 5-1/2" "H" 15.5 & 17# 85641 7-7/8" 670 sx ClNone TUBING RECORD LINER RECORD SIZE TOP (MD) BOTTOM (MD)'. SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) N/A 2-7/8" 8079' ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 32. 8306 - 8348 (23 Goles) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 8306'-8348' 3350 gals 20% NEFe acid w/ CASENO 42 ball sealers 33. PRODUCTION WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) 4-11-94 Submersible Pump DATE OF TEST HOURS TESTED CHOKE SIZE OIL-BBL. GAS-OIL RATIO PROD'N. FOR TEST PERIOD WATER-BBL. <u>32/64"</u> 4-14-94 22 487 395 OIL GRAVITY-API (CORR.) CASING PRESSURE CALCULATED 24-HOUR BATE - MCF 190 400 40.8° 531 431 856 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED Vented during test - SI waiting on sales connection 35. LIST OF ATTACHMENTS

*(See Instructions and Spaces for Additional Data on Reverse Side)

Deviation Survey

36. I hereby certify that the foregoing and

SIGNED

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.

ex. C-104
actached information is complete and correct as determined from all available records

Starte Sr. Production Clerk

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES SUBMIT DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE.

· Secother in-

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

structions on 1 5 LEASE DESIGNATION AND SERIAL NO.

NM-83552

WELL COM									
	APLETION OF	RECOMPL	LETION R	EPORT A	AND LOC	i * is.	IF INDIAN, ALLO	TTEE OR TRIBE NAME	
Is. TYPE OF WELL:				ther			UNIT AGREEMEN	T NAME	
b. TYPE OF COMPL			5 K1	/tilet					
NEW WORK DEED DIEG DIFF. Other							S. FARM OR LEASE NAME		
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.							Old Ranch Knoll 8 Fed Co		
		ting Partne	ers, L.P.			9.	WELL NO.		
3. ADDRESS OF OPERA	TOR						2		
550 W. Texas, Suite 1330, Midland, Texas 79701 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).). FIELD AND POO	· -	
								in (Upper Penr	
(N), 000 FSL and 1980 FWL, Sec. 8, 1-228, R-24E							OR AREA	OR BLOCK AND BURVET	
At top prod. interval reported below									
At total depth							Sec. 8, T	-22S, R-24E	
14. PERMIT NO. DATE ISSUED							12. COUNTY OR 13. STATE PARISH		
		1	30-015-27				Eddy	NM	
i i	16. DATE T.D. REACH		-	prod.) 18.			GR, ETC.) • 19.	ELEV. CASINGHEAD	
10-17-93	11-8-93	12-7		·	4120'.				
0. TOTAL DEPTH, MD a 8431	į	36 [†]	22. IF MULT HOW MA			RVALS !	ROTARY TOOLS	CABLE TOOLS	
4. PRODUCING INTERV	1		TTOM NAME (M	N/A		<u>→</u>	All	N/A 25. WAS DIRECTIONAL	
i. Inoboting in Isk	an(s), or mis com.							SURVEY MADE	
8140'-46	6' & 8154'-60	' (Cisco/C	anyon)]	No	
S. TYPE ELECTRIC AN	D OTHER LOGS RUN						27.	WAS WELL CORED	
DLL/MSFL	/LDT/CNL							No	
3.			RECORD (Rep						
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD) HOLE SIZE CEMEN					CORD	AMOUNT PULLED	
13-3/8"	48#							nix None	
9-5/8"	36#	2493'						β 00 sx C1 C	
711	26#	8431'			<u>10 1" job</u>			-	
7 1 2011 1 0431 473 SX B T 10							TUBING RECORD		
9.	LIN								
9. 812E	TOP (MD) 1 BOT	TOM (MD) SAC	KS CEMENT*	SCREEN (ME)) SIZE	DEI	PTH SET (MD)	PACKER SET (MD)	
BIZE	TOP (MD) BOT	ATION THE		SCREEN (ME	size 2-7		7503	PACKER SET (MD)	
N/A C	TOP (MD) BOT	ATIONTA		SCREEN (ME				PACKER SET (MD)	
N/A O	TOP (MD) BOT	ATION THE	R	32.	2-7	/8"	7503 RE. CEMENT SQ	UEEZE, ETC.	
N/A O	TOP (MD) BOT	ATION THE	R	32.	2-7 ACID, SHOT	/8" FRACTUR	7503 RE. CEMENT SQ NT AND KIND OF	UEEZE, ETC.	
N/A O 1. PERFORATION RECO	rop (MD) Bor	ATION TO	R	32.	2-7 ACID, SHOT	/8" FRACTUR	7503 RE. CEMENT SQ	UEEZE, ETC.	
N/A O 1. PERFORATION RECO	TOP (MD) BOT	ATION TO	R	32. DEPTH INT 8194 -8	2-7 ACID. SHOT ERVAL (MD) 214'	/8" . FRACTUR	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818	UEEZE, ETC. MATERIAL USED	
N/A O 1. PERFORATION RECO	rop (MD) Bor	ATION TO	R	32.	2-7 ACID. SHOT ERVAL (MD) 214'	/8" . FRACTUR	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818	UEEZE, ETC.	
8194'-8214 8140'-46' A&	rop (MD) Bor	ATION TO	B	32. DEPTH INT 8194 -8	2-7 ACID. SHOT ERVAL (MD) 214'	/8" . FRACTUR	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% H)	UEEZE, ETC. MATERIAL USED 30' CL and 16 BS	
N/A C 11. PERFORATION RECO 8194'-8214 8140'-46' AS	rop (MD) Bor philer Fed Size of (8 holes) p 8154'-60' (All(). Al	PROI	32. DEPTH INT 8194'-8: 8140'-8: DUCTION	2-7 ACID. SHOT ERVAL (MD) 214' 160'	ANOU HOWCO	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% H)	UEEZE, ETC. MATERIAL USED BO! CL and 16 BS	
8194'-8214 8194'-8214 8140'-46' Assert First Production 12-2-93	(8 holes) p 8154'-60' (All() All () All	PROI	32. DEPTH INT 8194'-8: 8140'-8: DUCTION umping—size	2-7 ACID. SHOT ERVAL (MD) 214' 160'	/8" FRACTUR AMOU HOWCO 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% Ho WELL STAT shut-in)	UEEZE, ETC. MATERIAL USED BO! CL and 16 BS CUB (Producing or Shut-In	
8194'-8214 8140'-46' AS ATE FIRST PRODUCTION 12-2-93 ATE OF TEST	rop (MD) Box (8 holes) p	ad number) lugged off 8 holes) on METHOD (Flow mersible pu	PROI	32. DEPTH INT 8194'-8: 8140'-8: OUCTION umping—size of	ACID. SHOT ERVAL (MD) 214' 160' and type of put	FRACTUR AMOU Howco 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (als 20% Ho WELL STAT shuf-in)	UEEZE, ETC. MATERIAL USED 30' CL and 16 BS CUB (Producing or Shut-In GAS-OIL EATIO	
8194'-8214 8194'-8214 8140'-46' AS 3.* ATE FIRST PRODUCTION 12-2-93 PATE OF TEST 12-10-93	(8 holes) p 8154'-60' (ON PRODUCTION Sub- HOURS TESTED 24	A TI(ON A TIME TO THE TIME TO	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD	32. DEPTH INT 8194'-8. 8140'-8. OUCTION umping—size of the size of the si	ACID. SHOT ERVAL (MD) 214' 160' and type of put	FRACTUR AMOU Howco 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (als 20% Ho WELL STAT shuf-in) WATER—BBL. 690	UEEZE, ETC. MATERIAL USED BO! CL and 16 BS CUB (Producing or Shut-In	
8194'-8214 8194'-8214 8140'-46' AS 3.* ATE FIRST PRODUCTION 12-2-93 PATE OF TEST 12-10-93	rop (MD) Box (8 holes) p	ad number) lugged off 8 holes) on METHOD (Flow mersible pu	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD OIL.—BBL.	32. DEPTH INT 8194'-8: 8140'-8: OUCTION umping—size: 401 GAS—	ACID. SHOT ERVAL (MD) 214 t 160 t GAS—M 21 MCF.	/8" FRACTUR ANOU HOWCO 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% H) WELL STAT shut-in) WATER—BBL. 690 BL. OIL	UEEZE, ETC. MATERIAL USED 30' CL and 16 BS SUB (Producing or Shut-In GAS-OIL EATIO 526 GRAVITY-API (CORR.)	
8194'-8214 8194'-8214 8140'-46' A	TOP (MD) BOTO TOP (MD) BOTO (8 holes) p (8 holes) p (8 holes) p Resulting PRODUCTION Sub HOURS TESTED 24 CASING PRESSURE 70	Iugged off 8 holes) ON METHOD (Flow mersible pu CHOKE SIZE N/A CALCULATED 24-HOUR RATE	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD	32. DEPTH INT 8194'-8: 8140'-8: OUCTION umping—size: 401 GAS—	ACID. SHOT ERVAL (MD) 214' 160' and type of put	/8" . FRACTUR AMOU HOWCO 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% H) WELL STAT shut-in) WATER—BBL. 690 BL. OIL	UEEZE, ETC. MATERIAL USED 30. CL and 16 BS CUB (Producing or Shut-In GAS-OIL RATIO 526 GRAVITY-API (CORR.) 40.8°	
8194'-8214 8194'-8214 8140'-46' AS 3.* ATE FIRST PRODUCTION 12-2-93 ATE OF TEST 12-10-93 THINK TUBING PRESS. 100	TOP (MD) BOTO TOP (MD) BOTO (8 holes) p (8 holes) p (8 holes) p Resulting PRODUCTION Sub HOURS TESTED 24 CASING PRESSURE 70	ad number) lugged off 8 holes) ON METHOD (Flow mersible pu CHOKE BIZE N/A CALCULATED 24-HOUR RATE I, vented, etc.)	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD OIL.—BBL.	32. DEPTH INT 8194'-8. 8140'-8. OUCTION umping—size of the size of the si	ACID. SHOT ERVAL (MD) 214 t 160 t GAS—M 21 MCF.	/8" . FRACTUR AMOU HOWCO 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% Ho well stat shut-in) water—bbl. 690 bl. oil	UEEZE, ETC. MATERIAL USED 30. CL and 16 BS CUB (Producing or Shut-In GAS-OIL RATIO 526 GRAVITY-API (CORR.) 40.8°	
N/A 1. PERFORATION RECO 8194'-8214 8140'-46' AS 3.* ATE FIRST PRODUCTION 12-2-93 PATE OF TEST 12-10-93 PATE OF TEST 100 34. DISPOSITION OF GA Vented 35. LIST OF ATTACHM	TOP (MD) BOTO REPORT FOR THE STATE OF THE S	ad number) lugged off 8 holes) N METHOD (Flow mersible purchase SIZE N/A CALCULATED 24-HOUR RATE I, vented, etc.) SI WOPL	PROD ping, gas lift, poump PROD'N. FOR TEST PERIOD OIL.—BBL. 401	32. DEPTH INT 8194'-8. 8140'-8. OUCTION umping—size of the size of the si	ACID. SHOT ERVAL (MD) 214 t 160 t GAS—M 21 MCF.	/8" . FRACTUR AMOU HOWCO 1500 g	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% Ho well stat shut-in) water—bbl. 690 bl. oil	UEEZE, ETC. MATERIAL USED 30. CL and 16 BS CUB (Producing or Shut-In GAS-OIL RATIO 526 GRAVITY-API (CORR.) 40.8°	
N/A N/A N/A N/A N/A N/A N/A N/A	TOP (MD) BOY AND PRODUCTION Sub HOURS TESTED 24 CASING PRESSURE 70 AS (Sold, used for fue during test. SENTS Deviation Su	ad number) lugged off 8 holes) N METHOD (Flow mersible purchase size N/A CALCULATED 24-HOUR RATE I, vented, etc.) SI WOPL rvey, Logs	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD OIL.—BBL 401 connection	32. DEPTH INT 8194'-8: 8140'-8: OUCTION umping—size of the size of the si	ACID. SHOT ERVAL (MD) 214' 160' GAS—M 21 MCF.	FRACTUR AMOU HOWCO 1500 g TP) CF. WATER—H	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 Gals 20% HO WELL STAT shuf-in) WATER—BBL. 690 BL. OIL O TEST WITNESSED	UEEZE, ETC. MATERIAL USED BO! CL and 16 BS CUB (Producing or Shut-In GAS-OIL EATIO 526 GRAVITY-API (CORE.) 40.8° BY	
N/A 81. PERFORATION RECO 8194'-8214 8140'-46' \& 83.* PATE FIRST PRODUCTION 12-2-93 PATE OF TEST 12-10-93 PADOX TUBING PRESS. 100 34. DISPOSITION OF GA Vented 35. LIST OF ATTACHM	TOP (MD) BOY AND PRODUCTION Sub HOURS TESTED 24 CASING PRESSURE 70 AS (Sold, used for fue during test. SENTS Deviation Su	ad number) lugged off 8 holes) N METHOD (Flow mersible purchase size N/A CALCULATED 24-HOUR RATE I, vented, etc.) SI WOPL rvey, Logs	PROIDING, gas lift, prump PROD'N. FOR TEST PERIOD OIL.—BBL 401 connection	32. DEPTH INT 8194'-8: 8140'-8: OUCTION umping—size of the size of the si	ACID. SHOT ERVAL (MD) 214' 160' GAS—M 21 MCF.	FRACTUR AMOU HOWCO 1500 g TP) CF. WATER—H	7503 RE. CEMENT SQ NT AND KIND OF CICR @ 818 (a1s 20% Ho well stat shut-in) water—BBL. 690 BL. OIL OTEST WITNESSED	UEEZE, ETC. MATERIAL USED BO! CL and 16 BS CUB (Producing or Shut-In GAS-OIL EATIO 526 GRAVITY-API (CORE.) 40.8° BY	

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.

*(See Instructions and Spaces for Additional Data on Reverse Side)