

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LEASE DESIGNATION AND SERIAL NO.

NM-84731

NAME OF INDIAN ALLOTTEE OR TRIBE NAME

SIT AGREEMENT NAME

FARM OR LEASE NAME

Kachina 8 Federal

WELL NO.

3

FIELD AND POOL OR WILDCAT

South Corbin Wolfcamp

SECTION, T., R., M. OR BLOCK AND SURVEY OR AREA

Sec. 8, T-18S, R-33E

COUNTY OR PARISH

Lea

STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL

WELL XX

WELL

DRY

Other

b. TYPE OF COMPLETION:

NEW WELL X

WORK OVER

DEEPEN

PILL BACK

DIFF. RESER.

Other

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

550 W. Texas, Suite 1330, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL and 1980' FEL, Sec. 8, T-18S, R-33E

At top prod. interval reported below

At total depth

14. PERMIT NO. API #

30-025-31802

DATE ISSUED

15. DATE SPUNDED

11-29-92

16. DATE T.D. REACHED

12-27-92

17. DATE COMPL. (Ready to prod.)

2-6-93

18. ELEVATIONS (DF, RNB, RT, GR, ETC.)*

3895.4' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

11,525'

21. PLUG. BACK T.D., MD & TVD

11,290'

22. IF MULTIPLE COMPL. HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

11,157'-11,229' (Wolfcamp)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48.0	475'	17-1/2"	500 sx "C" - circ	None
8-5/8"	32.0	3,108'	12-1/4"	1200 sx C-Lite + 200 sx "C" (circ)	
5-1/2"	17.0	11,525'	7-7/8"	775 sx Prem + in 2 stages	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	11,022'	11,023'

31. PERFORATION RECORD (Interval, size and number)

11,351'-11,369' (38 holes) P&A'd

11,157'-11,229' 1 SPF (31 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,351'-11,369'	CIBP @ 11,320' w/ 30' cmt on top.
11,157'-11,229'	500 gals 15% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-6-93		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
2-6-93	20.5	22-25/64"	→	451	404	0	896
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
260	pkv	→	528	473	0	438	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented during test - SI waiting on better connection

35. LIST OF ATTACHMENTS

Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Sr. Production Clerk

DATE Feb. 10, 1993

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	11156	11231	Dolomite & Limestone	Rustler	1453	
Wolfcamp	11054	11098	Limestone	Yates - 7 Rivers	3400	
Wolfcamp	10810	10824	Limestone	Queen	4236	
				Delaware	5794	
				Bone Spring	6516	
				1st Bone Spring	8284	
				1st BS Carb	8590	
				2nd BS Sand	8758	
				2nd BS Carb	9434	
				3rd BS Sand	9572	
				Wolfcamp	10030	
				Wolfcamp Det	10776	
				Penn Shale	11393	

38. GEOLOGIC MARKERS