

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980 Form approved.
HOBBS, NEW MEXICO 88240-1004-0137
Expires August 31, 1985
SUBMIT IN PUBLIC FORM See other instructions on reverse side

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 (E), 2130' FNL and 990' FWL, Sec. 5, T-18S, R-33E

At top prod. interval reported below

At total depth

14. PERMIT NO. 30-025-32400
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

LC-062391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kachina 5 Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Corbin (Bone Spring)

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5, T-18S, R-33E

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUDDED 1-18-94 16. DATE T.D. REACHED 2-21-94 17. DATE COMPL. (Ready to prod.) 4-5-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3989' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,500' 21. PLUG BACK T.D., MD & TVD 9465' 22. IF MULTIPLE COMPL. HOW MANY 23. INTERVALS 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TV) 9266'-9365' (Bone Spring) 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN BHC/GR; DLL/MSFL/GR; CNL/LDT/GR 27. WAS WELL CORRED No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TV)
9266'-9365' (Bone Spring)

CASING RECORD (Report all casing set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	448'	17-1/2"	475 sx "C" (circ'd)	None
8-5/8"	32#	3,105'	12-1/4"	1400 sx Lite & 200 sx "C"	None
5-1/2"	17#	11,500'	7-7/8"	850 sx H, 815 sx Lite, & 400 sx "C"	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	9070'	9038'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,210'-11,326' (14 holes) - Plugged back		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9524'-9666' (40 holes) - Plugged back		9266'-9365'	250 gals 15% NEFe acid
9266'-9365' (28 holes) 4" csg gun			

33.* PRODUCTION							
DATE FIRST PRODUCTION 4-5-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-7-94	HOURS TESTED 24	CHOKE SIZE 20/64"	PROD'N. FOR TEST PERIOD	OIL—BBL. 272	GAS—MCF. 355	WATER—BBL. 150	GAS-OIL RATIO 1305
FLOW. TUBING PRESS. 295	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE	OIL—BBL. 272	GAS—MCF. 355	WATER—BBL. 150	OIL GRAVITY-API (CORR.) 37.1°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented pending gas connection to Conoco (est April 28, 1994)

35. LIST OF ATTACHMENTS
C-104, Deviation Survey, Logs

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

SIGNED [Signature] TITLE Sr. Production Clerk DATE April 19, 1994

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
3rd Bone Spring	9260	9359	Drill Stem Test Rec 8614' FO in DP Sc Rec: 2.65 cf gas 900 cc oil 1100 cc mud Press 120# Op 5" IF 651 - 1295# GTS 13" SI 62" 3047# Op 61" FF 1369 - 3028# SI 240" 3044# HP 4195 - 4156#	Yates/7 Rivers Queen San Andres Delaware Bone Spring Wolfcamp	3308' 4116' 5090' 5320' 5812' 9518	

RECEIVED

APR 25 1994

OFFICE