

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
SUBMIT IN DUPLICATE
P. O. BOX 1980
HOBBS, NEW MEXICO
RECEIVED

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

88240
LEASE DESIGNATION AND SERIAL NO.

LC-062391

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ SEP 17 11 39 AM '93

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 (M), 660' FSL and 990' FWL, Sec. 5, T-18S, R-33E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED

30-025-32038

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE STUDDED

6/30/93

16. DATE T.D. REACHED

8/7/93

17. DATE COMPL. (Ready to prod.)

9/10/93

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

3959' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

11,500'

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

11,310'

22. MULTIPLE COMPLETIONS

ACCEPTED FOR RECORD

ROTARY TOOLS

A11

CABLE TOOLS

N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME

11,164'-11,258' (Wolfcamp)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR; CNL/LDT/GR; BHC/GR

27. WAS WELL CORED

No

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#	477'	17-1/2"	475 sx Cl "C" (circ'd)	None
8-5/8"	32#	3109'	12-1/4"	1200 sx lite + 200 sx "C"	None
5-1/2"	17#	11,499'	7-7/8"	915 sx Cl "H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	11,100'	11,080'

31. PERFORATION RECORD (Interval, size and number)

11,328'-11,364' (10 holes) - Abandoned
11,164'-11,258' (31 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,328'-11,364'	CIBP @ 11,320' w/ 10 cmt on top.
11,164'-11,258'	5000 gal 20% NEFe + 62 BS

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/11/93		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/13/93	24	29/64"	→	273	598	22	2190
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
340	pkc	→	273	598	22	41.5°	

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

Vented during test - pending connection to Conoco

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 Sherry McCullough TITLE Sr. Production Clerk

DATE Sept. 16, 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	11,155	11,215	Gas, Oil, Water in a Limestone	Rustler	1458	
Wolfcamp	10,974	11,054	Gas, Oil, Water in a Limestone	Yates	3348	
3rd Bone Spring Carbonate	9,402	9,431	DST w/ Results:	Queen	4160	
			IFP 5" 749-598#	Penrose	4406	
			ISIP 60" 1608#	Premier	4804	
			FFP 60" 586-1088#	San Andres	5152	
			FSIP 180" 1103#	Delaware	5200	
			IHP-FHP 4223#-4185#	Bone Spring	6082	
			DP Rec: 3205' Gas cut oil	1st BS Sand	8117	
			SC Rec: 1600 cc free oil, 2.65 cf gas @ 1100#	2nd BS Carb	8197	
				2nd BS Sand	8546	
				3rd BS Carb	8970	
2nd Bone Spring Carbonate	8,388	8,428	DST w/ Results:	3rd BS Sand	9430	
			IFP 13" 74-78#	Leonard	9736	
			ISI 60" 158#	Wolfcamp	9924	
			FFP 60" 93-89#	Canyon	11419	
			FSIP 180" 272#			
			IHP-FHP 3845-3823#			
			DP Rec: 3' Oil + 88' Water			
			SC Rec: 100 cc oil, 2350 cc water .04 cfig @ 75#			

RECEIVED
OCT 15 1993
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