

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

H. M. OIL COM. FORM 3100-4
SUBMIT IN DUPLICATE

30-025-30719

Form approved.
Budget Bureau No.
Expires August 2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESER. ☐

2. NAME OF OPERATOR
Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR
500 W. Illinois, Suite 500, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FNL & 660' FEL, Sec. 14, T-18S, R-32E
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
API # 30-025-3071b

15. DATE SPUDDED 10-31-89 16. DATE T.D. REACHED 11-21-89 17. DATE COMPL. (Ready to prod.) 12-6-89

20. TOTAL DEPTH, MD & TVD 8782' 21. PLUG. BACK T.D., MD & TVD 8753' 22. IF MULTIPLE COMPL., HOW MANY* N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
8660'-8694' (Bone Spring)

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/MSFL/GR, CNL/LDT, BHC, EPT

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	410'	17-1/2"
8-5/8"	24#	2744'	12-1/4"
5-1/2"	17#	8781'	7-7/8"

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

31. PERFORATION RECORD (Interval, size and number)
8660'-8694' (35 holes) 4" dia.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8660'-94'	3900 gals 20% NEFE acid + 54 ball sealers

33. PRODUCTION
DATE FIRST PRODUCTION 12-7-89
PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)
Pumping - 2" x 1-1/4" x 26' Insert pump

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
12-17-89	23 1/2	-		156	130 (calc)	88	833

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

35. LIST OF ATTACHMENTS
Logs, C-104, Inclination Survey will be forwarded as soon as received

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

SIGNED Jerry McCullough TITLE Sr. Production Clerk DATE 12-19-89

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

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 in this document.

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):

DESCRIPTION, CONTENTS, ETC.

FORMATION

TOP

BOTTOM

Water & Hydrocarbons
Hydrocarbon
Hydrocarbons & Water

5232
7046
8694

4842
7039
8660

wer Grayburg SS
ne Spring Sand
ne Spring Carb

GEOLOGIC MARKERS

38.

NAME

MEAS. DEPTH

TOP

TRUE
VERT. DEPTH

Rustler
Base/Salt
Yates
Seven Rivers
Queen
Penrose
Grayburg
Loco Hills
Premier
Lower Grayburg
Delaware
Bone Spring
1st BS Sand
1st BS Carb

1230'
2570'
2830'
3196'
3968'
4256'
4468'
4574'
4753'
4916'
5532'
6806'
8295'
8600'

RECEIVED
JAN 04 1990
OCD
HOBBS OFFICE