

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

RECEIVED
5. LEASE, RESERVATION AND SERIAL NO.

NM 63020

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

FEB 20 9 16 AM '90

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bilbrey 28A Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bilbrey Morrow

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

Sec. 28, T-21S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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. REVR ☐ Other _____

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, Texas 79701

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

At surface 1980' FSL & 1980' FWL, Sec. 28, T-21S, R-32E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API# 30-025-30664

15. DATE STUDDED

10-2-89

16. DATE T.D. REACHED

11-30-89

17. DATE COMPL. (Ready to prod.)

2-2-90

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

3682.7' GR

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

14,800'

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

14,790'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

-

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

14,279'-14,498' (Morrow)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC, CNL/LDT, DIL/SFL, EPT

27. WAS WELL CORRED

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#	626'	17 1/2"	700 sx C1 "C" (circ)	
9-5/8"	40#	4650'	12 1/4"	3400 sx lite & 1200 sx Premt	
7"	26 & 29#	12,097'	8 1/2"	1650 sx 50/50 POZ	
			6"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	11,552'	14,800'	450 sx Premt	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	14,210'	14,102'

31. PERFORATION RECORD (Interval, size and number)

14,279' - 14,498' (141 holes) 1/2" dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,279'-498'	5000 gals 7 1/2% Morrow acid and 180 ball sealers

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-2-90		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2-2-90	5	var.	→	0	126	0	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
3851		→	0	CAOF 2.860 MMCF	0	---		

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

Sold - Transwestern Sales Line (connected 2-2-90)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-122, C-104, Logs, Deviation Survey

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

SIGNED

Serry McCullough

TITLE

Sr. Production Clerk

DATE

2/16/90

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bilbrey Sand	13,901	13,914	DST #1 - 13,898-927' IH 8821 psi IF 4 min 6052-7227# ISI 88 min 8541 psi 2nd F 9 min 6164-7003 psi 2nd SI 9 min 8541 psi FF 104 min 6549-7143 psi FSI 148 min 8541 psi FH 8821 psi 4 pt. Test 4th pt: TP 3851, BHP 5400, Rate 1027 MCFD, Choke 12/64 CAOF 2.86 MMCFD	Delaware SS Cherry Canyon Marker Bone Springs Wolfcamp Strawn Atoka Clastics Morrow LS Bilbrey SS Morrow Clastics Lower Morrow	4720 5834 8630 11754 13094 13284 13753 13901 14202 14602	
Morrow Sands	14,279 14,373 14,490	14,288 14,387 14,498				

RECEIVED
 FEB 26 1960
 OCB
 MOBILE OFFICE