

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
86210

30-015-26249
Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

RECEIVED
REGISTRATION AND SERIAL NO.

NM 67709

6. IF INDIAN, ALLOTTEE, OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Malaga 1 Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Malaga Atoka Gas

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

Sec. 1, T-24S, R-28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P. ✓

APR 18 '90

3. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, Texas 79701 Q.C.D.

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

At surface 2310' FWL & 990' FSL, Sec. 1, T-24S, R-28E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

12-13-89

1-19-90

3-12-90

2961.3' GR

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

12,136'

12,050'

N/A

A11

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

11,926.5' - 11,940' Atoka

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL/MSFL

27. WAS WELL CORED

No

29. 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#	481'	17-1/2"	650 sx "C"	None
9-5/8"	40#	2686'	12-1/4"	2350 sx PSL + 200 sx "C"	None
7"	29 & 26#	10,600'	8-1/2"	755 sx 50/50 poz + 630 sx "H"	None
			6"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	10,297'	12,135'	310 sx H		2-3/8"	11,644'	11,644'

31. PERFORATION RECORD (Interval, size and number)

11,926.5' - 11,940' (28 holes) 1-11/16" gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,926.5'-11,940'	2000 gal. 20% NEFF HCl w/ 60 ball sealers.
	6000 gal. slicked 15% HCl acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-1-90		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-12-90	4	var	→	0	108	0	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2515		→	0	CAOF 1648	0	--	

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

Vented during test. Shut-in waiting on sales connection

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, C-122 w/attach., Deviation Survey, Logs

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

March 26, 1990

*(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
Atoka Sand	11920	11979	DST No. 1 I.H. 7642 1st F 2731-2731 (5 minutes) 1st SI 7423 (90 minutes) 2nd F 2731-2731 (20 minutes) 2nd SI 6525 (120 minutes) F.H. 7642 No surface response Sample Chamber .01 CF Gas 250 cc mud	Anhy & Salt Lime Delaware Bone Spring Wolfcamp Strawn "AC" "AD" Atoka Bank Lower Atoka	1040' 2354' 2720' 6370' 9597' 11566' 11864' 11902' 11926' 11964'	
	11994	12047	DST No. 2 I.H. 7666 1st F 3028-3120 (10 minutes) 1st SI 5009 (26 minutes) 2nd F 3100-3125 (67 minutes) 2nd SI 5018 (87 minutes) F.H. 7666 Surface Response I.F. 0 to .25 psi F.F. 0.6 to 1.44 psi Sample Chamber 13.1 CF Gas 260 cc mud			
L. Atoka Sand	12160	12185	DST No. 3 I.H. 7740 1st F 3915-3571 (6 minutes) 1st SI 8001 (44 minutes) 2nd F 3307-2084 (23 minutes) 2nd SI 7953 (79 minutes) 3rd F 1680-3690 (139 minutes) 3rd SI 7605 (115 minutes) 4th F 1364-3686 (59 minutes) 4th SI 7448 (69 minutes) Surface 1F 0-7 psi, 2nd F 0-1400 psi, 3rd F 1/4" ck 50-2300 psi Gas Date 5.55 MMCF/Day			