

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM Roswell District
Modified Form No.
N060-3160-3

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 ☐ PEG BACK ☐ DIFF. REVEN. ☐ Other _____
2. NAME OF OPERATOR: Socorro Petroleum Company / Avon
3a. Area Code & Phone No. 505/677-2360

3. ADDRESS OF OPERATOR: P.O. Box 38, Loco Hills, NM 88255
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 2565' FSL & 1305' FWL
At top prod. interval reported below
At total depth

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JAN 18 '91

9a. API Well No. 30-015-26388 14. PERMIT NO. _____ DATE ISSUED O.C.D. ARTESIA, OFFICE
15. DATE SPECIFIED 10/21/90 16. DATE T.D. REACHED 11/4/90 17. DATE COMPL. (Ready to prod.) 11/13/90 18. ELEVATION (OF HMD, RT, OR, ETC.) * 3681' GR 3751' KB
19. RELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 3600' 21. PLUG BACK T.D., MD & TVD 3543' 22. IF MULTIPLE COMPLEMENTS, HOW MANY? _____
23. INTERVAL DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 3093' - 3536' Grayburg 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNL, DCC/MSFC, AMS 27. WAS WELL CORRED No

CASING RECORD (Report all strings set in well)						CEMENTING RECORD		AMOUNT FILLED	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD				CL. "C"	None
8-5/8"	24	599'	12-1/4"	465 sx. CL. "C" + 51 sx.					
5-1/2"	17	3597'	7-7/8"	1000 sx. LW + 600 sx. CL.					None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	2950'	None

PERFORATION RECORD (Interval, size and number)			ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3534' - 3536'	2 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3400' - 3442'	7 holes		3400-3536	Acidize w/1000 gal. 15% Nefe
3285' - 3289'	3 holes	25 15/32" holes	3211-3289	Acidize w/1500 gal. 15% Nefe
3211' - 3259'	7 holes		3093-3159	Acidize w/1000 gal. 15% Nefe
3093' - 3159'	6 holes		3400-3159	Frac w/80,000 gal. gelled wtr.

33. PRODUCTION carrying 130,000# 20/40 sd & 40,000# 12/20 sand
DATE FIRST PRODUCTION 11/13/90 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
11/25/90	24	20/64"		233	175	375	750
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
325	325		233	175	375	37.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Robert Setzler

35. LIST OF ATTACHMENTS logs, deviation survey

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

SIGNED Robert Setzler TITLE Consultant DATE 12/10/90

(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hills	3092	3159	Zone capable of producing oil & gas	Yates	1618	
Metex	3202	3262		Queen	2633	
Square Lake	3268	3292		Grayburg	3093	
Premier	3393	3444		San Andres	3502	
Vacuum	3532	3538				