

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 97160	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Manzano Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 2107, Roswell, NM 88202-2107		8. FARM OR LEASE NAME Appaloosa Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980'FSL & 1980'FEL At top prod. interval reported below same At total depth same		9. WELL NO. 30-041-20886	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Wildcat Devonian	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 35, T7S, R37E	
15. DATE SPUDDED 8/16/98		12. COUNTY OR PARISH Roosevelt	
16. DATE T.D. REACHED 9/15/98		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 11/10/98		19. ELEV. CASINGHEAD 4060'GL	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4045'GL		20. TOTAL DEPTH, MD & TVD 9079'	
21. PLUG, BACK T.D., MD & TVD 4624'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4569-88' & 4433-4534'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN MCFL/Gamma Ray, CNL/GR, Borehole Compensated Sonic GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	61 & 72#	500'KB	17-1/2"
8-5/8"	32 & 24#	3682'KB	11"
5-1/2"	14 & 15#	4870'KB	7-7/8"
CEMENTING RECORD			
200 sx 35:65:5 Lite + 200 sx C1 C			
1260 sx Lite + 200 sx C1 C			
200 sx C1 C			
AMOUNT PULLED			
None			
None			
None			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4624'	4391'	
31. PERFORATION RECORD (Interval, size and number)			
4569-4588' - 10 holes			
4433-4534' - 18 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4569-4588'	Acidize w/7500 gal 20% NEFE		
4433-4534'	Acidize w/3000 gal 20% NEFE		
	Frac w/17k gal + 33k# 16/30		
	Brady sand		
33. PRODUCTION			
DATE FIRST PRODUCTION 11/21/98	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 11/21/98	HOURS TESTED 24	CHOKE SIZE 32/64"	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS. 35	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE →	OIL—BBL. 3
GAS—MCF. 80		WATER—BBL. 23	GAS-OIL RATIO 26,666
OIL GRAVITY-API (CORR.) 31.0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS MCFL/Gamma Ray, CNL/GR, Borehole Compensated Sonic GR			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE V.E. Engineering	DATE 2/19/99

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	2020'	
				Yates	2560'	
				San Andres P	4284'	
				San Andres P1	4432'	
				San Andres P2	4564'	
				San Andres P3	4638'	
				Upper Wolfcamp	8113'	
				Lower Wolfcamp	8196'	
				Devonian	8962'	

RECEIVED
FEB 24 99
KOSWELL NM