

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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 ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-67986	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Oil Co	
2. NAME OF OPERATOR Manzano Oil Corporation		7. UNIT IDENTIFICATION NAME 1980 40bbs, NM 88241	
3. ADDRESS OF OPERATOR P.O. Box 2107, Roswell, NM 88202-2107		8. FARM OR LEASE NAME Xion Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FEL At top prod. interval reported below same At total depth same		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED 9/17/97	
15. DATE SPUDDED 9/29/97		16. DATE T.D. REACHED 10/14/97	
17. DATE COMPL. (Ready to prod.) 10/22/97		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3751.4' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8763'	
21. PLUG, BACK T.D., MD & TVD 4450'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME AND KIND OF SURVEY MADE 3700-3728' Queen		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
On file.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
3700-3705' = 5' - 6 holes			
3712-3718' = 6' - 7 holes			
3723-3728' = 5' - 6 holes			
16' 19 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3700-3728'		Acidized w/1500 gal 15% NFFE	
		Frac w/562 bbls 30# Borate	
		System + 38,500# of 16/30 Sd +	
		20,220# of 16/30 RC Sd	
33.* PRODUCTION			
DATE FIRST PRODUCTION 10/10/97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 10/27/97		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 50
			GAS—MCF. TSTM
			WATER—BBL. 2
			GAS-OIL RATIO NIL
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 50
			GAS—MCF. TSTM
			WATER—BBL. 2
			OIL GRAVITY-API (CORR.) 33.0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Ronnie Carre	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Alvin Hernandez</u>		TITLE <u>Engineering Technician</u>	
		DATE <u>10/28/97</u>	

*(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
			On file.			