

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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. NM0245247	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		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 571, Roswell, NM 88201		8. FARM OR LEASE NAME Edith Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL, 2130' FWL Sec. 25, T18S, R33E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8-29-84		16. DATE T.D. REACHED 9-28-84	
17. DATE COMPL. (Ready to prod.) 10-16-84		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3864.4' GR	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Undes EK Bone Springs	
20. TOTAL DEPTH, MD & TVD 10530'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T18S, R33E	
21. PLUG, BACK T.D., MD & TVD 10490'		12. COUNTY OR PARISH Lea	
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE NM	
23. INTERVALS DRILLED BY →		19. ELEV. CASINGHEAD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9428' to 9485' 2nd Bone Springs Sand		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated acoustic velocity Compensated Density-Dual Spaced Neutron-Dual Induction Guard		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"	54.5	362'	17 1/2"
8 5/8"	32.0	3665'	12 1/2"
5 1/2"	17, 20 & 23	10530'	7 7/8"
CEMENTING RECORD			
AMOUNT PULLED			
400 sacks Class "C" 2% CaCl ₂			
1600 sacks H Lite + 200 sacks neat			
650 sacks 50-50 pozMix			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	9351'	9351'	
31. PERFORATION RECORD (Interval, size and number)			
9482'-84'		9446'-50'	
9478'-80'		9428'-31'	
9468'-74'			
9458'-64'		23'-46 holes size .44	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
9428'-84'		1500 gal. NEFE broke & balled	
9428'-84'		Frac 44,000 gal. 30# cross link gel, 92 tons CO ₂	
33.* PRODUCTION			
DATE FIRST PRODUCTION Oct. 10, 1984		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 10-16-84	HOURS TESTED 16	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD →
OIL—BBL. 295	GAS—MCF. 310	WATER—BBL. 0	GAS-OIL RATIO 1051
FLOW. TUBING PRESS. 200#	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. 442.5
GAS—MCF. 465		WATER—BBL. 0	
OIL GRAVITY-API (CORR.) 40°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Conoco			
35. LIST OF ATTACHMENTS DST #1 & #2, Copies of logs as described in 26 above, Totco survey			
36. I hereby certify that the foregoing and attached information is complete and correct as furnished for all available records			
SIGNED <u>Charles W. Hicks</u>		TITLE <u>Vice-President</u>	
DATE <u>Oct 23 1984</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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Queen	4361'		Sand and shale	Queen	4361'	
Bone Springs	7536'	10477'	Lime, shale, dolomite	Bone Springs	7536'	
2nd Sand	9422'	9920'	Sand, shale, lime and dolomite	1st Sand	8783'	
Wolfcamp	10477'		Limestone	2nd Sand	9422'	
DST #1	9420'	9490'	2nd Bone Springs sand GTS # 43"	3rd Sand	10382'	
			HI 4186# HO 4186#	Wolfcamp	10477'	
			IF 86# FF 266#			
			ISI 3279# FSI 3235#			
			(See enclosed test)			
DST #2	10491'	10545'	Wolfcamp			
			HI 4957# HO 5000#			
			IF 47# FF 288#			
			ISI 2636# FSI 2295#			

RECEIVED
OCT 26 1984
HOTEL CLARK