

U. S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
UNITED STATES
HOLDS, NEW MEXICO 88240
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 ☐ GAS ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____
2. NAME OF OPERATOR
MANZANO OIL CORPORATION
3. ADDRESS OF OPERATOR
P O BOX 2107, Roswell, NM 88202-2107
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FNL & 1940' FEL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. DATE ISSUED
API 30-025-30892 | 4-27-90

15. DATE SPUDDED 5-24-90 16. DATE T.D. REACHED 6-5-90 17. DATE COMPL. (Ready to prod.) 6-20-90 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3718' KB 19. ELEV. CASINGHEAD 3708'
20. TOTAL DEPTH, MD & TVD 5120' 21. PLUG, BACK T.D., MD & TVD 5070' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVAL DRILLED BY 0-5120' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4933-39' Penrose; and 4837-44' Penrose; and 4787-95' Penrose 25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - Micro SFC & CNL/Litho Density w/Caliber and GR 27. WAS WELL CORRED No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1372' KB	12-1/4"	400 sx Haliblite + 200 sx	None
5-1/2"	17#	5120' KB	7-7/8"	850 sx Haliblite + 575 sx	None
				50/50 Pozmix	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4971'	None

31. PERFORATION RECORD (Interval, size and number)

4933-39': Acid w/750 gal 15% HCL, Frac w/ 15K gal XL gel + 34K lbs sand.
4837-44' and 4787-95': Acid w/1600 gal 15% HCL, Frac w/35K gal XL gel + 73K lbs sand.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 6-27-90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1-1/2" Insert WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 7-2-90 HOURS TESTED 24 CHOKER SIZE Open PROD'N. FOR TEST PERIOD 97 OIL—BSL. 97 GAS—MCF. 33 WATER—BSL. 32 GAS-OIL RATIO 340
FLOW. TUBING PRESS. 50 CALCULATED 24-HOUR RATE 97 GAS—MCF. 33 WATER—BSL. 32 OIL GRAVITY-API (CORR.)

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

Sold

TEST WITNESSED BY

Carroll Bellah

35. LIST OF ATTACHMENTS

Deviation Survey, DLL/Micro SFC & CNL/LDL

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

SIGNED

Donnie E. Brown

TITLE Vice-President Engineering

DATE 7-3-90

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	3594	3958	Anhydrite, Sand & Shale			
Seven Rivers	3958	4504	Shale & Sand			
Queen	4504	4784	Shale & Sand			
Penrose	4784	TD	Shale & Sand			

38. GEOLOGIC MARKERS