

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 ☐
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 1980' FNL & 2310' FEL

At top prod. interval reported below same

At total depth same

14. PERMIT NO. 30-025-30943
DATE ISSUED 7-11-90

5. LEASE DESIGNATION AND SERIAL NO.
NM-56749
6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Federal Com.

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT

East Gem Morrow

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec 14, T19S, R33E

12. COUNTY OR PARISH Lea
13. STATE NM

15. DATE SPUDDED 9-10-90
16. DATE T.D. REACHED 11-18-90
17. DATE COMPL. (Ready to prod.) 1-17-91
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3695' GL 3713' KB

20. TOTAL DEPTH, MD & TVD 13,680'
21. PLUG, BACK T.D., MD & TVD 13,260'
22. IF MULTIPLE COMPL., HOW MANY* N/A
23. INTERVALS DRILLED BY ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13,162 - 172' & 13,226 - 236'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDL w/GR, Dual LL w/MSFL
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	502'KB	17-1/2"	500 sx Class C & 2% CaCl	None
8-5/8"	32#	4800'KB	11"	1800 sx Hal lite & 12#sx salt; 1/4#sx Floseal & 200	None
5-1/2"	17#	13,530'KB	7-7/8"	2800 sx Class H 50/50 Poz + 5#/sx salt	2%Ca

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	13,173'	13,127'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,322-330' - 4 spf	13,162-172' - 6 spf	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,308-318' - 4 spf		13,162-172' & 13,226-236'	1500 gal 7-1/2% NE/FE acid w/ clay control + 1000 cu. ft./ bbl N2

33.* PRODUCTION

DATE FIRST PRODUCTION 1-18-91
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) SI

DATE OF TEST 1-18-91
HOURS TESTED 24
CHOKER SIZE 14/64
PROD'N. FOR TEST PERIOD
OIL—BBL. -0-
GAS—MCF. 300
WATER—BBL. -0-
GAS-OIL RATIO N/A

FLOW. TUBING PRESS. 270 psi
CASING PRESSURE -0-
CALCULATED 24-HOUR RATE
OIL—BBL. -0-
GAS—MCF. 200
WATER—BBL. -0-
OIL GRAVITY-API (CORR.) N/A

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

TEST WITNESSED BY
Carroll Bellah

35. LIST OF ATTACHMENTS
Logs & Inclination Report

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

SIGNED Alvin Koffe TITLE Production Clerk DATE 1-24-91

*(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
Delaware	5,926	7,862	Sand			
Bone Spring	7,862	9,130	Carbonate			
1st Bone Spr.	9,130	9,601	Sand			
2nd Bone Spr.	9,601	10,628	Sand			
3rd Bone Spr.	10,628	10,907	Sand			
Wolfcamp	10,907	12,166	Limestone & Shale			
Strawn	12,166	12,438	Limestone			
Atoka	12,438	12,796	Shale			
Morrow LS	12,796	13,059	Limestone & Shale			
Morrow Clas.	13,059	13,680	Sand & Shale			