

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN

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

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 ☐ Reentry

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 660' FNL & 660' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED
7/7/93

5. LEASE DESIGNATION AND SERIAL NO.

NM-71784

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tonto Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Luck Delaware

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

Sec 27, T19S, R32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE ~~XXXXXX~~ 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)
9/10/93 9/12/93 10/22/93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3588' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7534'

21. PLUG, BACK T.D., MD & TVD
7096'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6491-6533' - Brushy Canyon

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

25. WAS DIRECTIONAL SURVEY MADE

No

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
13-3/8"	Existing	512'	17-1/2"	450 sks (Existing)	None
9-5/8"	Existing	4532'	12-1/4"	3345 sks (Existing)	None
5-1/2"	17#	7138'	8-3/4"	975 sks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

6957-6965' - 7 holes
6891-6916' - 11 holes
6491-6533' - 11 holes
5942-5953' - 12 holes
5242-5254' - 13 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6957-65'	Acidize w/750 gal 10% NEFE
6891-6965'	Acidize w/1500 gal 10% NEFE
6491-33'	Acidize w/1250 gal 10% NEFE
5942-53'	Acidize w/750 gal 10% NEFE

33. PRODUCTION (Additional information attached)

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10/22/93		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/23/93	24	Open	→	155	TSTM	148	NIL	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
20 psi	20 psi	→	155	TSTM	148	32.0		
4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

Venting

TEST WITNESSED BY

Ronnie Carre

35. LIST OF ATTACHMENTS

None

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

SIGNED *Oliver R. Gray*

TITLE Engineering Technician

DATE 10/26/93

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
			On File			

Supplemental Page to 3160-4
on the following well:
NM-71784 - Tonto Federal #1
Section 27, T19S, R32E
Lea County, NM
Filed 10/26/93

32. Additional Information

5242-54' Acidize w/1000 gal 10% NEFE
6491-6532' Frac w/10,500 gal 35# Borate System + 16k of 16/30 Ottawa Sand
+ 10k# of 16/30 Resin coated sand.