

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ AUG 1 9 34 AM '88

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☒ DIFF. REVR. ☒ Other ☐ CARLSBAD, NEW MEXICO

2. NAME OF OPERATOR
Manzano Oil Corporation 505/623-1996

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 or Federal requirements)
At surface 1780' FSL & 800' FWL

At top prod. interval reported below Same
At total depth Same

O. C. D.
ARTESIA, OFFICE

14. PERMIT NO. 30-015-25859 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
NM-64595

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PBIC Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT
Sugart 7-8R-8-
Under Grayburg

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 7-T18S-R31E

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUDDED 1/30/88 16. DATE T.D. REACHED 2/23/88 17. DATE COMPL. (Ready to prod.) Recompleted 7/10/88 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3577' GR 19. ELEV. CASINGHEAD 3577' GR

20. TOTAL DEPTH, MD & TVD 8800' 21. PLUG, BACK T.D., MD & TVD 3787' RBP 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3556-3572' Grayburg

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
See file

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
see file					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3519'	

31. PERFORATION RECORD (Interval, size and number)

8178-8206' w/18 holes =see file for Acid &
8244-8296' w/20 holes =frac these perfs
7340-7354' w/28 holes
3556-3572, 3592-3627, 3696-3716' w/1 spf
PRODUCING FROM PERFS 3556-3572'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7340-7354	Acid w/1500 gal NEFE
3696-3716'	Acid w/2000 gal 15% NEFE
3696-3716'	Frac 20,000 gal Versagel & 15,500# 20/40 & 13,500 12/20 sand

33.* 2 See Sundry Notice for details PRODUCTION 3556-3572' Frac 20,000 gal Versagel & 15,500

DATE FIRST PRODUCTION Grayburg 7/8/88 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping WELL STATUS (Producing or shut-in) 20/40 s producing & 6,900# 12/20 sd

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/10/88	24	N/A		25	30	30	1200
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	N/A		25	30	30	36.1	

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

Waiting on gas connection - expected within 30 days

TEST WITNESSED BY
Carroll Bellah

35. LIST OF ATTACHMENTS

None

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Jackie Midkiff

AUG 3 1988
DATE 7/28/88

*(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
				Rustler	458	
				Base Salt	1280	
				Queen	2906	
				Grayburg	3386	(shown as San Andres on completion report dated 5/30/88 in error)
				San Andres	3985	
				1st Bone Sp	7286	
				2nd Bone Sp	8012	
				3rd Bone Sp	8738	