

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

P. O. BOX 1500
HOBBS, NEW MEXICO 88240

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. RESER. ☐ 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 1650' FSL & 1650' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 30-025-30409 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

89NM-56263

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sun Pearl Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

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

Sec 28, T19S, R34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 6/2/89 16. DATE T.D. REACHED 6/12/89 17. DATE COMPL. (Ready to prod.) 6/26/89 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3700' - 3702' GL 19. ELEV. CASINGHEAD 3702' GL

20. TOTAL DEPTH, MD & TVD 5152' 21. PLUG, BACK T.D., MD & TVD 5074' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY 0' - 5152' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5070' - 5080' Queen Penrose 25. WAS DIRECTIONAL SURVEY MADE N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN Depth Control Log, Moved Oil Cyberlock Dual Laterlog/Micro-SFL, Compensated Neutron-Litho Density 27. WAS WELL CORRED

28. 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#	1342'	12-1/4"	500 sx lite + 200 sx Class C	None
4-1/2"	11.60#	5150'	7-7/8"	1000 sx lite + 600 sx 50/50 pozmix	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5101'	4986'

31. PERFORATION RECORD (Interval, size and number)

5070' - 5080'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4986' - 5088'	Acidize w/1000 gal 15% NE & 25 ball sealers
	Frac w/21,500# 20/40 sand, 8000# 16/30 sand & 395 bbl gelled water

33. PRODUCTION

DATE FIRST PRODUCTION 6/26/89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6/26/89 HOURS TESTED 24 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD 70 OIL—BBL. N/A GAS—MCF. N/A WATER—BBL. N/A GAS-OIL RATIO N/A

FLOW, TUBING PRESS. N/A CASING PRESSURE N/A CALCULATED 24-HOUR RATE 70 OIL—BBL. TSTM GAS—MCF. 15 WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM 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 Allison Higgins TITLE Land/Drilling Secretary DATE June 30, 1989

*(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. DE
Salt Yates Seven Rivers Queen Penrose	1740' 3590' 3896' 4483' 4788'	3307'				

RECEIVED

AUG 3 1989

CCO
HOBBBS OFFICE



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS-PRESIDENT
ARNIE NEWKIRK-VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

June 14, 1989

Manzano Oil Corporation
P.O. Box 2107
Roswell, N.M. 88202

REF: Sun Pearl #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

495' - 1/2°	2329' - 3/4°	3747' - 2 1/2°
975' - 3/4°	2825' - 1 1/4°	4006' - 1 1/2°
1036' - 1/2°	3316' - 3°	4349' - 1°
1342' - 3/4°	3438' - 2°	4702' - 1°
1835' - 3/4°	3592' - 2°	5152' - 1° TD

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 14th day of June 1989 by
Arnold Newkirk.

MY COMMISSION EXPIRES

OCTOBER 07, 1992

NOTARY PUBLIC