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LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-4-68

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Cities Thomas

9. Well No.

1

10. Field and Pool, or Wildcat

Langlie Mattix

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Doyle Hartman

3. Address of Operator

312 C & K Petroleum Bldg., Midland, Texas 79701

4. Location of Well

UNIT LETTER B LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM

THE East LINE OF SEC. 19 TWP. 24S RGE. 37E NMPM

15. Date Spudded 1/18/77 16. Date T.D. Reached 1/27/77 17. Date Compl. (Ready to Prod.) 2/5/77 18. Elevations (DF, RKB, RT, GR, etc.) 3312 RKB 19. Elev. Casinghead 3299

20. Total Depth 3696 21. Plug Back T.D. 3626 22. If Multiple Compl., How Many ----- 23. Intervals Drilled By Rotary Tools 0-3696 Cable Tools -----

24. Producing Interval(s), of this completion - Top, Bottom, Name

3446-3614 (Seven Rivers-Queen)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Compensated Density-Neutron-GR, FORXO-Guard, GRN-CCL

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	28	417	12 1/4	260 sx Class-C	None
4 1/2	10.5	3696	7 7/8	1200 sx Econolite	None
				250 sx 50-50 POZ	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3420	None

31. Perforation Record (Interval, size and number)

One each at: 3614, 3607, 3604, 3596, 3586, 3582, 3564, 3550, 3546, 3542, 3520, 3514, 3476, 3464, 3458, 3452, 3446.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3446-3614	4000 gal 15% MCA
3446-3614	40,000 gelled water and CO ₂ plus 55,000 lb 20-40 and 10-20 frac sand.

33. PRODUCTION

33.

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
2/2/77		Flowing					Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
2/6/77	24	24/64	→	12	450	----	37,500	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)		
120	200	→	12	450	-----	35		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Jack Fletcher

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Doyle Hartman

TITLE

Operator-Part Owner

DATE

2/8/77

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FEB 1977

OIL CONSERVA. & COMM.
ROBBS, N. M.