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Form C-105
Revised 10-83

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

6a. Indicate Type of Lease State ☐ Fee ☒
6b. State Oil & Gas Lease No.

13. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Cities-Thomas
9. Well No.
5

2. Name of Operator	
Doyle Hartman	
3. Address of Operator	
Post Office Box 10426, Midland, Texas 79702	

10. Field and Pool, or Wildcat
Langlie-Mattix

4. Location of Well	
UNIT LETTER <u>A</u>	LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM
THE <u>East</u> LINE OF SEC. <u>19</u> TWP. <u>24S</u> RGE. <u>37E</u> NMPM	

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-22-84	3-28-84	4-3-84	3299 G.L.	3299
20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
3750	3750	---	0-3750	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	
3495-3585 (Seven Rivers)	
26. Type Electric and Other Logs Run	
CDD-SN and Guard Forxo	
27. Was Well Cored	
NO	

25. Was Directional Survey Made
NO

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	430	12-1/4	300 (circ)	None
7	23	3750	8-3/4	650 (circ)	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	3585

31. Perforation Record (Interval, size and number)	
17 shots with one shot each at: 3495, 3500, 3511, 3513, 3526, 3539, 3541, 3543, 3557, 3559, 3561, 3575, 3577, 3579, 3581, 3583, 3585	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3495-3585	A/4225 gals 15% MCA

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4-3-84		Pumping (9-1/2 x 86 x 1-1/4)				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-3-84	24	48/64		10	35	19	3,500:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity -- API (Corr.)	
	PCP= 17		10	35	19	35.2	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented
Test Witnessed by
Harold Swain

35. List of Attachments
C-104

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 <u>Michelle Hernandez</u>	TITLE <u>Administrative Assistant</u>	DATE <u>April 4, 1984</u>

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1212</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1323</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2811</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2967</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3215</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3594</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____
 No. 2, from _____ to _____ feet. _____
 No. 3, from _____ to _____ feet. _____
 No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1212	1323	111	Rustler (Anhydrite)	3594	3750	156	Queen (Sandstone & Dolomite)
1323	2811	1488	Salado Salt (Salt & Anhydrite)				
2811	2967	156	Tansill (Dolomite & Anhydrite)				
2967	3215	248	Yates (Sandstone & Dolomite)				
3215	3594	379	Seven Rivers (Sandstone & Dolomite)				

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APR 5 1984

D.C.D.
HOURS OFFICE