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Form C-105
Revised 11-76

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

1. Indicate Type of Lease	State ☐	Fee ☒
2. Date Oil & Gas Lease Exp.		

10. 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. Form or Lease Name
Cities - Cone
9. Well No.
1

2. Name of Operator
Doyle Hartman
3. Address of Operator
508 C & K Petroleum Building; Midland, Texas 79701

10. Field and Pool, or Wildcat
Langlie Mattix

4. Location of Well			
UNIT LETTER	LOCATED	FEET FROM THE	LINE AND
M	990	South	330
THE	West	LINE OF SEC.	17
		TWP.	24-S
		RGE.	37-E

11. Field and Pool, or Wildcat
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
10-16-77	10-29-77	11-10-77	3287 GL (3298 RKB)	3287
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Interval	24. Interval
3715	3645	----	0-3715	---

24. Producing Interval(s), of this completion. - Top, Bottom, Name	25. Was Directional Survey Made
3510-3609 W/15 (Seven Rivers - Queen)	No

26. Type Electric and Other Logs Run	27. Was Well Cored
CDL-Neutron-GR, Forxo-Guard, GRN-CCL	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#	478	12 1/4	300 sx	None
4 1/2	10.5#	3715	7 7/8	1100 sx	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3610	None

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
One shot each at: 3510, 3513, 3527, 3536, 3539, 3543, 3545, 3548, 3560, 3574, 3577 3580, 3583, 3598, 3609		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3510-3609</td> <td>A 4000 gal 15% MCA</td> </tr> <tr> <td>3510-3609</td> <td>SWF/40,000 + 57,000</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3510-3609	A 4000 gal 15% MCA	3510-3609	SWF/40,000 + 57,000
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3510-3609	A 4000 gal 15% MCA								
3510-3609	SWF/40,000 + 57,000								

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-10-77		Pumping (12x86x1 1/2)				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-22-77	24	---	→	47	95	49	2021
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Grav.)	
48	48	→	47	95	49	35	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	J. Gray

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	TITLE	DATE
Doyle Hartman	Operator-Part Owner	11-22-77

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on 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, forms for through as shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Strawn	T. Kitland-Fruitland	T. Penn. "C"
T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Miss	T. Cliff House	T. Leadville
T. Devonian	T. Metefee	T. Madison
T. Silurian	T. Point Lookout	T. Elbert
T. Montoya	T. Mancos	T. McCracken
T. Simpson	T. Gallup	T. Ignacio Qizite
T. McKee	T. Base Greenhorn	T. Granite
T. Ellenburger	T. Dakota	T. T.
T. Gr. Wash	T. Morrison	T. T.
T. Granite	T. Todillo	T. T.
T. Delaware Sand	T. Entrada	T. T.
T. Bone Springs	T. Wingate	T. T.
T. Chinle	T. T.	T. T.
T. Permian	T. Penn. "A"	T. T.
T. Cisco (Bough C)		

No. 1, from	2948	to	3609	No. 4, from	
No. 2, from		to		No. 5, from	
No. 3, from		to		No. 6, from	

IMPORTANT WATER SANDS

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

No. 1, from	587	to	830	feet	Santa Rosa
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
587	830	243	Santa Rosa				
830	1190	360	Dewey Red Beds				
1190	1390	200	Rustler Anhydrite				
1390	2780	1390	Salado Salt Section				
2780	2948	168	Tansil				
2948	3210	262	Yates				
3210	3540	330	Seven Rivers				
3540		175	Queen				