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Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐
OTHER <u>Water Injection</u>	
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER <u>Water Injection</u>

7. Unit Agreement Name
<u>Humphrey Queen Unit</u>
8. Farm or Lease Name

2. Name of Operator
<u>Mobil Oil Corporation</u>
3. Address of Operator
<u>P. O. Box 633, Midland, Texas 79701</u>
4. Location of Well

9. Well No.
<u>27</u>
10. Field and Pool, or Wildcat
<u>Langlie-Mattix</u>

UNIT LETTER <u>H</u>	LOCATED <u>1570</u>	FEET FROM THE <u>North</u>	LINE AND <u>990</u>	FEET FROM
THE <u>East</u>	LINE OF SEC. <u>4</u>	TWP. <u>25-S</u>	RGE. <u>37-E</u>	NMPM

12. County
<u>Lea</u>

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<u>2-24-70</u>	<u>3-6-70</u>	<u>3-12-70</u>	<u>3158 GR.</u>	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
<u>3690</u>			<u>→</u>	<u>X</u>	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
<u>3412 - 3636 - Queen Sand</u>	<u>No</u>

26. Type Electric and Other Logs Run	27. Was Well Cored
<u>GR Collar - Corr. Log</u>	<u>Yes</u>

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8-5/8"</u>	<u>20</u>	<u>1060</u>	<u>12-1/4</u>	<u>700 sx. Cement Circ.</u>	<u>-----</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>3690</u>	<u>7-7/8</u>	<u>750 sx. Cement Circ.</u>	<u>-----</u>

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
<u>---</u>					<u>2-3/8"</u>	<u>3330'</u>	<u>3330'</u>

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
<u>3412-16, 3432-37, 3446-51, 3463-78, 3487-91, 3499-3501, 3507-12, 3515-21, 3524-28, 3534-46, 3567-73, 3585-87, 3598-3608, 3612-16, 3621-25, 3630-36.</u>		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td><u>3412-3636</u></td> <td><u>94 shot - 2500 gals. 15% NE Acid.</u></td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<u>3412-3636</u>	<u>94 shot - 2500 gals. 15% NE Acid.</u>
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
<u>3412-3636</u>	<u>94 shot - 2500 gals. 15% NE Acid.</u>						

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

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

35. List of Attachments

1. Summary of Operations
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>[Signature]</u>	TITLE <u>Authorized Agent</u>	DATE <u>4-6-70</u>
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INSTRUCTIONS

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, 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	1089	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1331	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2788	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3062	T. Devonian	T. Menefee	T. Madison
T. Queen	3464	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. Blinebry		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. Tonsill	2602	T. Chinle
T. Penn.		T. Penrose	3609	T. Permian
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	410		Sd. Red Bed & Shells				
410	925		Red Bed Anhy. Sd.				
925	1060		Anhy Shell				
1060	1100		Anhy				
1100	1540		Anhy Gyp. Salt				
1540	2421		Anhy Salt				
2421	2660		Anhy Salt Gyp.				
2660	2790		Anhy Salt				
2790	2901		Anhy				
2901	3078		Shale & Lime				
3078	3156		Lime Gyp.				
3156	3257		Anhy, Lime, Sand				
3257	3339		Lime Shale				
3339	3420		Sd., Lime Shale				
3420	3471		Shale & Lime (Core #1)				
3471	3540		Dolo. Sand & Lime				
3540	3545		Dolo & Sand (Core #2)				
3545	3555		Shale & Dolo. (Core #2)				
3555	3571		Sand & Dolo. (Core #2)				
3571	3584		Sand, shale & Dolo. " "				
3584	3587		Sand " "				
3587	3590		Sand & Dolo. " "				
3590	3690		Lime & shale				