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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 ☐		DRY ☐		OTHER _____									
b. TYPE OF COMPLETION		NEW WELL ☒		WORK OVER ☐		DEEPEN ☐		PLUG BACK ☐		DIFF. RESVR. ☐		OTHER _____					
2. Name of Operator												7. Unit Agreement Name					
Mobil Producing TX. & N.M. Inc.												8. Farm or Lease Name					
3. Address of Operator												Humphrey Queen Unit					
9 Greenway Plaza, Suite 2700, Houston, TX 77046												9. Well No.					
4. Location of Well												31					
UNIT LETTER <u>N</u> LOCATED <u>1300</u> FEET FROM THE <u>South</u> LINE AND <u>1750</u> FEET FROM												10. Field and Pool, or Wildcat					
THE <u>West</u> LINE OF SEC. <u>3</u> TWP. <u>25S</u> RGE. <u>37E</u> NMPM												Langlie					
15. Date Spudded												18. Elevations (DF, RKB, RT, GR, etc.)					
11-29-82												3140 GR					
16. Date T.D. Reached												19. Elev. Casinghead					
12-6-82																	
17. Date Compl. (Ready to Prod.)												23. Intervals Drilled By					
2-24-83												Rotary Tools					
20. Total Depth												Cable Tools					
3640												X					
21. Plug Back T.D.												25. Was Directional Survey Made					
3625												No					
24. Producing Interval(s), of this completion - Top, Bottom, Name												27. Was Well Cored					
3418-3466 7 Rivers Queen												Yes					
26. Type Electric and Other Logs Run																	
Compensated Density, Neutron, DLL, MSFL																	
CASING RECORD (Report all strings set in well)																	
28. CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED							
8-5/8		20#		424		12-1/4		250 sx		-0-							
5-1/2		14#		3640		7-7/8		950 sx		-0-							
29. LINER RECORD																	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET			
										2-7/8		3464		SN 3429			
31. Perforation Record (Interval, size and number)														32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3418-3422 w/1 JSPF (44 holes)														DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
3424-3436														3418-3466		w/3300 gals 15% NE HCl	
3438-3448 0.50"																	
3452-3466																	
PRODUCTION																	
33. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)										Well Status (Prod. or Shut-in)					
2-9-83		Pump 2-1/2" x 1-1/2" x 12'										Producing					
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.		Gas - MCF		Water - Bbl.		Gas - Oil Ratio			
2-24-83		24		-				19		1		24		53			
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.		Oil Gravity - API (Corr.)					
-		-				19		1		24		33.4					
34. Disposition of Gas (Sold, used for fuel, vented, etc.)												Test Witnessed By					
Sold to El Paso Natural Gas Co.												Jack Kimbler					
35. List of Attachments																	
Record of inclination, Density & Neutron Logs, DLL, MSFL																	
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>J. N. Heath</u> TITLE <u>Authorized Agent</u> DATE <u>2-28-83</u>																	

INSTRUCTIONS

This form is to be filled 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. It shall be reported to the Commission by the appropriate District Office. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. Multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where 3x copies are required. See Rule 1105.

4 6861 FORMATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Cliff House	T. Leadville
T. 7 Rivers	T. Menefee	T. Madison
T. Queen	T. Point Lookout	T. Elbert
T. Grayburg	T. Mancos	T. McCracken
T. San Andres	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. Base Greenhorn	T. Granite
T. Paddock	T. McKee (V. Pined)	
T. Blinberry	T. Gr. Wash	
T. Tubb	T. Granite	
T. Drinkard	T. Delaware Sand	
T. Abo	T. Bone Springs	
T. Wolfcamp	T. Wingate	
T. Penn.	T. Chinle	
T. Cisco (Bough C)	T. Permian	
	T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	690	690	Anhydrite, sand & Gravel	690	350	350	Anhydrite, sand & Gravel
690	1040	1040	Red Beds	350	1452	1452	Salt & Anhydrite
1040	2492	2492	Sand & Anhydrite	1452	158	158	Anhydrite
2492	2650	2650	Sand & Anhydrite	158	270	270	Sand & Anhydrite
2650	2920	2920	Dolomite & Anhydrite	270	420	420	Dolomite & Anhydrite
2920	3340	3340	Sand & Thin dolomite	420	126	126	Sand & Dolomite
3340	3466	3466	Dolomite & Anhydrite	126	74	74	Sand & Thin dolomite
3466	3540	3540	Dolomite & Anhydrite	74	100	100	Dolomite & Anhydrite
3540				100			