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Form C-105
Revised 11-1-64

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5b. State Oil & Gas Lease No.
L-5120

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	1b. Type of Completion	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
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2. Name of Operator	Union Oil Company of California	6. Name or Lease Name	Tom "36" State
3. Address of Operator	P. O. Box 671 - Midland, Texas 79702	9. Well No.	1
4. Location of Well		10. Field and Pool, or Wildcat	Undesignated (Tomahawk San Andres)

UNIT LETTER	A	LOCATED	660	FEET FROM THE	North	LINE AND	660	FEET FROM	
THE	East	LINE OF SEC.	36	TWP.	7 South	Range	31 East	N.M.P.M.	Chaves

15. Date Spudded	7-9-79	16. Date T.D. Reached	7-15-79	17. Date Compl. (Ready to Prod.)	7-23-79	18. Elevations (LF, RKB, RT, GR, etc.)	4420' GR.	19. Elev. Casinghead	
20. Total Depth	4,295'	21. Plug Back T.D.	4,252'	22. If Multiple Compl., How Many		23. Intervals Drilled By	Rotary Tools	Cable Tools	

24. Producing interval(s), of this completion - Top, Bottom, Name	4,104' to 4,138' San Andres	25. Was Directional Survey Made	No
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26. Type Electric and Other Logs Run	Dual Laterolog: Sidewall Neutron Porosity Log	27. Was Well Cored	No
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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" OD	24#	1,749'	12-1/4"	750 sx Circul. to surface	
5-1/2" OD	15.5#	4,295'	7-7/8"	400 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	4,063'	4,063'

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4104' - 4107'	1/2" Jet	6 Holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4111' - 4113'	1/2" Jet	4 Holes		4104'-4138'	200 Gals 15% HCl Acid
4122' - 4128'	1/2" Jet	12 Holes		4104'-4138'	4000 Gals. 20% HCl Acid
4131' - 4138'	1/2" Jet	14 Holes			

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
7-23-79		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prodn. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-26-79	7-1/2	24/64"		162	70	18	432 CF/B
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
240	Packer		518	224	58	23.0	

34. Disposition of Gas (Solid, used for fuel, vented, etc.)	Flared	Test Witnessed by	L. L. Artherholt
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35. List of Attachments	Dual Laterolog; Sidewall Neutron Porosity Log
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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	E.C. Stangle	TITLE	Acting District Production Supt.
		DATE	July 27, 1979

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 quadruplicate except on state land, where six copies are required. See Rule 105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ **1,760'** T. Canyon _____
T. Salt _____ **1,760'** T. Strawn _____
B. Salt _____ **2,060'** T. Atoka _____
T. Yates _____ **2,168'** T. Miss _____
T. 7 Rivers _____ T. Devonian _____
T. Queen _____ T. Silurian _____
T. Grayburg _____ T. Montoya _____
T. San Andres _____ **3,340'** T. Simpson _____
T. Glorieta _____ T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinberry _____ T. Gr. Wash _____
T. Tubb _____ T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo _____ T. Bone Springs _____
T. Wolfcamp _____ T. _____
T. Penn. _____ T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzite _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ T. _____
T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from **4,096'** to **4,193'** 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 **None** 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
0	300	300	Caliche & Sand				
300	1800	1500	Red Beds				
1800	2060	260	Salt & Anhydrite				
2060	2168	108	Anhydrite & Dolomite				
2168	2260	92	Sand & Shale				
2260	2930	670	Anhydrite & Dolomite				
2930	3308	378	Shale, Dolomite & Anhydrite				
3308	4295	987	Dolomite & Anhydrite				

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JUL 11 1973

O.C.D. HOBBS, OFFICE