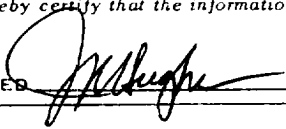


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Form C-105
Revised 1-1-65

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. K-4513 & K-6237

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Midway State	
2. Name of Operator Union Oil Company of California		9. Well No. 5	
3. Address of Operator P. O. Box 671 - Midland, Texas 79701		10. Field and Pool, or Wildcat Lovington Devonian	
4. Location of Well UNIT LETTER K LOCATED 2310 FEET FROM THE South LINE AND 2310 FEET FROM		12. County Lea	
THE West LINE OF SEC. 12 TWP. 17-S RGE. 36-E NMPM			
15. Date Spudded Jan. 19, 1975	16. Date T.D. Reached Feb. 28, 1975	17. Date Compl. (Ready to Prod.) April 18, 1975	18. Elevations (DF, RKB, RT, GR, etc.) 3825' GR.
19. Elev. Casinghead 3822'	20. Total Depth 11,610'		
21. Plug Back T.D. 11,609'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools 0'-11,610'
24. Producing Interval(s), of this completion - Top, Bottom, Name 11,568' to 11,595' - Devonian			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run G-R Compensated Neutron, Dual Induction-Laterolog			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
11-3/4" OD	42#	452'	15"
8-5/8" OD	24# & 32#	4,500'	11"
5-1/2" OD	15.5# & 17#	11,610'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
350 sx Circul.			
400 sx			
400 sx			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET		
2-7/8" OD	6,009'		
31. Perforation Record (Interval, size and number)			
11,572'-11,588' - 1/2" - 34 Holes			
11,568'-11,595' - 1/2" - 54 Holes			
32. ACID, SHOT, FRACTURE, CEMENT-SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
11,572'-11,588'		250 Gals. 15% HCL Acid	
11,568'-11,595'		1,000 Gals. 15% HCL Acid	
33. PRODUCTION			
Date First Production April 23, 1975	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2-1/2" x 2" x 22' Rod Pump		Well Status (Prod. or Shut-in) Producing
Date of Test Apr. 26, 1975	Hours Tested 24	Choke Size -	Prod'n. For Test Period 179
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate 179	Oil - Bbl. 179
			Gas - MCF 18
			Water - Bbl. 4
			Gas - Oil Ratio 101 CF/B
			Oil Gravity - API (Corr.) 49.0
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By Lester L. Artherholt
35. List of Attachments Drill Stem Test, G-R Compensated Neutron Log, Dual Induction-Laterolog			
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 	J.R. Hughes		TITLE District Drilling Supt.
		DATE April 30, 1975	

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.

750-2 2124-2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Miss. Lime 10,638'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Woodford 11,324'	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian 11,494'	T. Menefee _____	T. Madison _____
T. Queen 3,996'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4,804'	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. Bone Springs 8,860'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9,520'	T. _____	T. Chinle _____	T. _____
T. Penn. 10,370'	T. _____	T. Permian _____	T. _____
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	452	452	Rock, Sand, Red Beds				
452	1990	1538	Red Beds & Anhydrite				
1990	2860	870	Anhydrite & Salt				
2860	3420	560	Anhydrite & Sand				
3420	4335	915	Anhydrite				
4335	4500	165	Anhydrite & Dolomite				
4500	9465	4965	Lime				
9465	10667	1202	Lime & Shale				
10667	10862	195	Lime, Shale, & Chert				
10862	11175	313	Lime & Chert				
11175	11435	260	Lime & Shale				
11435	11610	175	Shale, Lime, & Dolomite				

OPERATOR: Union Oil Company of California
LEASE: Midway State
WELL NO.: 5
LOCATION: Section 12, Unit Letter K,
Township 17 South, Range 36 East,
Lea County, New Mexico

DRILL STEM TESTS

No. 1 - From 11,550' to 11,600', Devonian formation, no water blanket. Tool open 10 minutes with weak. Closed tool 30 minutes for initial shut-in pressure. Opened tool with weak blow, increasing to strong blow after 5 minutes and continued during 90 minute flow period. No gas, oil, or water to surface. Pulled tool, recovered 2160' of gas, 100' of free oil, 80' of mud cut oil, 195' of heavy gas and oil cut mud. 10 minute IFP 69 to 115 psi, 30 minute ISIP 2138 psi, 90 minute FFP 115 to 184 psi, 180 minute FSIP 3877 psi, IHP 5333 psi, FHP 5289 psi, Bottom Hole Temperature 158 degrees.