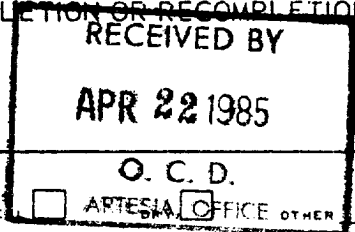


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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-84

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.
E-8664

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ ARTESIA ☐ OFFICE ☐ OTHER ☐
b. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESV. ☐ OTHER ☐

7. Unit Agreement Name
S. Caprock Queen Unit
8. Farm or Lease Name
S. Caprock Queen Unit
Tract 48

2. Name of Operator
Union Oil Company of California

9. Well No.
17

3. Address of Operator
P. O. Box 671 Midland, Texas 79702

10. Field and Pool, or Wildcat
South Caprock Queen

4. Location of Well
UNIT LETTER <u>J</u> LOCATED <u>1330</u> FEET FROM THE <u>East</u> LINE AND <u>2630</u> FEET FROM

11. County
Chaves

THE <u>South</u> LINE OF SEC. <u>30</u> TWP. <u>15-S</u> RGE. <u>31-E</u> NMPM
--

12. County
Chaves

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RAB, RT, GR, etc.)	19. Elev. Casinghead
2-23-85	2-28-85	4-9-85	4443'	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3300'	3240'		0 - 3300'		

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
3158' - 3178'	No

26. Type Electric and Other Logs Run	27. Was Well Cored
CNL	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"	24#	354'	12-1/4"	C1"C" 300 sx	Circ
5-1/2"	15.5#	3300'	7-7/8"	450 sx LtWt 300 sx Pz Mx	
				TOC 400'	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3167'	

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
2 SPF 1/2" 41 holes	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3158'-3178'</td> <td>1000 gals 15% MCA acid</td> </tr> <tr> <td></td> <td>SWF w/12000 gals gelled (40#)</td> </tr> <tr> <td></td> <td>wtr, 9000# 20/40 sd & 13,000#</td> </tr> <tr> <td></td> <td>12/20 sd</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3158'-3178'	1000 gals 15% MCA acid		SWF w/12000 gals gelled (40#)		wtr, 9000# 20/40 sd & 13,000#		12/20 sd
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED										
3158'-3178'	1000 gals 15% MCA acid										
	SWF w/12000 gals gelled (40#)										
	wtr, 9000# 20/40 sd & 13,000#										
	12/20 sd										

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4-10-85		Pumping with 2" x 2" x 20' pump				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-16-85	24			16	2.6	172	164 CF/B
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
						35.4	

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

35. List of Attachments
2 of item 26

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.C. Merritt J.C. Merritt TITLE Dist. Prod. Supt. DATE 4-18-85

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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured in feet. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 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 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1400'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____ 2203'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2350'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2946'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3158'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grapburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ 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 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	354'	354'	Surf Rock & Red Bed				
354'	3043'	2689'	Anhy & Salt				
3043'	3300'	257'	Anhy & Sd.				

1985