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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.
E-6005

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
State "36"
9. Well No.
2
10. Field and Pool, or Wildcat
Lea Bone Springs

2. Name of Operator
Union Oil Company of California
3. Address of Operator
P. O. Box 671 Midland, Texas 79701
4. Location of Well
UNIT LETTER **L** LOCATED **2130** FEET FROM THE **South** LINE AND **660** FEET FROM
West **36** **19-S** **34-E**
THE LINE OF SEC. TWP. RGE. NMPM

12. County
Lea

15. Date Spudded **1-27-71** 16. Date T.D. Reached **2-24-71** 17. Date Compl. (Ready to Prod.) **3-2-71** 18. Elevations (DF, RKB, RT, GR, etc.) **3707 GR 3720 DF** 19. Elev. Casinghead **3707'**

20. Total Depth **10,250'** 21. Plug Back T.D. **10,140'** 22. If Multiple Compl., How Many **—** 23. Intervals Drilled By **—** Rotary Tools **0-10,250'** Cable Tools **—**

24. Producing Interval(s), of this completion — Top, Bottom, Name
9646-9661' Bone Springs 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Sidewall Neutron Gamma Ray 27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	463'	15"	500 sacks circulated	
8-5/8"	32 & 24#	4010'	11"	500 sacks	
4-1/2"	10.5 & 11.6#	10,250'	7-7/8"	400 sacks	
DV Tool		6002'		300 sacks	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	9665'	Model "R" at 9595'

31. Perforation Record (Interval, size and number)
9646-9648' - Three Jet Shots
9652-9656' - Five Jet Shots
9661- - One Jet Shot, Total of 9 holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9646-9661'	2000 GAL 15% HCL

33. PRODUCTION

Date First Production **3-2-71** Production Method (Flowing, gas lift, pumping — Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3-7-71	24	22/64"	—	462	582	400 Filtrate	1260

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
200	Packer	—	462	582	400 Filtrate	42.6

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

35. List of Attachments
Sidewall Neutron Gamma Ray

6. 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. Gray** TITLE **District Drilling Supt.** DATE **March 8, 1971**

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 <u>1,800'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1,884'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>3,368'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3,557'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>4,530'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>4,990'</u>	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 <u>5,638'</u>	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	80	80	Sand & Caliche				
80	1800	1720	Red Beds				
1800	1884	84	Anhydrite				
1884	3368	1484	Salt				
3368	3557	189	Anhydrite				
3557	5638	2081	Sand, Anhydrite & Dolo.				
5638	6120	482	Dolomite & Sand				
6120	6395	275	Limestone				
6395	8116	1721	Sand				
8116	9465	1349	Limestone & Shale				
9465	10250	785	Sand, Dolomite & Lime				
	TD						

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OIL CONSERVATION COMM.
HOBBS, N.M.

NOTE OF TEST:

Tested through perforations in 4-1/2" casing, 10,190' to 10,199', produced 45 Bbl. fluid, cut 50% water, in 5 hours swabbing. Temp. abandoned below bridge plug set @ 10,140'.