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

Form C-105
Revised 11-1-8

5a. Indicate Type of Lease State ☒ Fee ☐
5b. State Oil & Gas Lease No. L-2949
7. Unit Agreement Name
8. Farm or Lease Name Pipeline "16" State
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated (Quail Ridge-Bone Springs)

3. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

1. Name of Operator

Union Oil Company of California

3. Address of Operator

P. O. Box 671 - Midland, Texas 79702

4. Location of Well

UNIT LETTER **G** LOCATED **1980** FEET FROM THE **North** LINE AND **1980** FEET FROM

THE **East** LINE OF SEC. **16** TWP. **19-S** RGE. **34-E** NMPM

15. Date Spudded **1-27-79** 16. Date T.D. Reached **3-11-79** 17. Date Compl. (Ready to Prod.) **3-24-79** 18. Elevations (DF, RKB, RT, GR, etc.) **3791' GR.** 19. Elev. Casinghead

20. Total Depth **13,606'** 21. Plug Back T.D. **10,258'** 22. If Multiple Compl., How Many **0'-13,606'** 23. Intervals Drilled By **Rotary Tools** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

10,133' to 10,149' Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Dual Laterolog; Compensated Neutron-Formation Density

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
13-3/8" OD	48# & 54.5#	501'	17-1/2"	500 sx Circulated	
8-5/8" OD	32#	5,187'	11"	1800 sx DV Tool @ 1797', Circul.	
5-1/2" OD	17#	10,313'	7-7/8"	500 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8" OD	10,103'	10,096'

31. Perforation Record (Interval, size and number)

10,133' to 10,149' 1/2" Jet 17 Holes

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

DEPTH INTERVAL **10,133'-10,149'** AMOUNT AND KIND MATERIAL USED **250 Gals. 15% HCl Perf. Acid**

33. PRODUCTION

Date First Production 3-26-79	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-31-79	Hours Tested 24	Choke Size 30/64"	Prodn. For Test Period 355	Oil - Pbl. 443.7	Gas - MCF 41	Gas-Oil Ratio 1250 CF/B
Flow Tubing Press. 110	Casing Pressure Packer	Calculated 24-Hour Rate 355	Oil - Pbl. 443.7	Gas - MCF 41	Water - Pbl. 36.8	Gr. Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented Test Witnessed by **L. L. Artherholt**

35. List of Attachments

Dual Laterolog; Compensated Neutron-Formation Density; Drill Stem Tests; Deviation Record

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** **E.C. Stangle**

TITLE **Acting District Production Supt.**

DATE **April 2, 1979**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-cased 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 31 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 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ 1,710'
 T. Salt _____ 1,937'
 B. Salt _____ 3,180'
 T. Yates _____ 3,463'
 T. 7 Rivers _____ 3,980'
 T. Queen _____ 4,654'
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____ 10,750'
 T. Penn. _____ 11,870'
 T. Cisco (Bough C) _____

Northwestern New Mexico

T. Canyon _____ 12,134'
 T. Strawn _____ 12,222'
 T. Atoka _____ 12,491'
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Granite _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn. "A" _____
 T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Qtzite _____
 T. Granite _____

OIL OR GAS SANDS OR ZONES

No. 1, from 10,132' to 10,156'
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, 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 _____
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

APR 3 1979

OIL CONSERVATION COMM.
HOBBS, N. M.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	180	180	Sand & Caliche				
180	1710	1530	Red Beds				
1710	1937	227	Anhydrite				
1937	3180	1243	Salt				
3180	4790	1610	Anhydrite & Sand				
4790	6120	1330	Dolomite & Anhydrite				
6120	8013	1893	Sand				
8013	10750	2737	Lime & Sand				
10750	12134	1384	Shale & Lime				
12134	12491	357	Lime & Sand				
12491	13250	759	Lime & Shale				
13250	13606	356	Shale & Sand				