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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.

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
Estacado Unit
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat

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 **1980** FEET FROM THE **South** LINE AND **660** FEET FROM
THE **West** LINE OF SEC. **8** TWP. **14-S** RGE. **35-E** NMPM
12. County
Lea

15. Date Spudded **9-12-74** 16. Date T.D. Reached **11-4-74** 17. Date Compl. (Ready to Prod.) **-** 18. Elevations (DF, RKB, RT, GR, etc.) **4046' GR** 19. Elev. Casinghead **4044'**
20. Total Depth **13,550'** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By **Rotary Tools** **0'-13,550'** Cable Tools _____
24. Producing Interval(s), of this completion - Top, Bottom, Name _____ 25. Was Directional Survey Made **No**
26. Type Electric and Other Logs Run **Comp. Neutron Formation Density, Dual Laterolog** 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#	400'	15"	325 sx Circulated	
8-5/8"	32#	4,521'	11"	600 sx	904'

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
Not Perforated
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

33. PRODUCTION
Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____
Date of Test _____ Hours Tested _____ Choke Size _____ Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____
Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Oil Gravity - API (Corr.) _____

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

35. List of Attachments
Drill Stem Tests, Deviation Tests, Electrical Logs

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 **Dist. Drilling Supt.** DATE **December 19, 1974**

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-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 _____ 2,040'	T. Canyon _____ 11,354'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 12,456'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3,017'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7,392'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp, L. "A" 10,541'	T. Morrow _____ 13,123'	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)

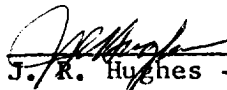
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	402	402	Surface Rock, Sand, Red Beds				
402	1,350	948	Red Beds & Anhydrite				
1,350	3,585	2235	Anhydrite & Salt				
3,585	4,325	740	Anhydrite & Lime				
4,325	4,520	195	Dolomite & Anhydrite				
4,520	7,176	2656	Lime				
7,176	7,820	644	Lime & Sand				
7,820	12,542	4722	Lime & Shale				
12,542	12,670	128	Lime, Sand, & Shale				
12,670	12,895	225	Shale & Lime				
12,895	13,005	110	Sand, Lime, & Shale				
13,005	13,048	43	Shale				
13,048	13,183	135	Lime & Shale				
13,183	13,400	217	Lime, Shale, & Sand				
13,400	13,550	150	Shale				

OPERATOR: Union Oil Company of California
LEASE: Estacado Unit
WELL NO: 1
LOCATION: Section 8, Unit Letter L,
Township 14 South, Range 35 East
Lea County, New Mexico

DEVIATION TESTS

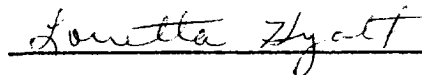
<u>DEPTH</u>	<u>DEGREES</u>
133'	1/4
345'	1/2
900'	1/4
1,841'	1/2
2,102'	1/2
2,502'	1
2,725'	1
2,973'	3/4
3,223'	1/2
3,444'	1/2
3,760'	1
4,007'	3/4
4,210'	1/2
4,785'	3/4
5,257'	1
5,756'	3/4
6,208'	1
6,700'	3/4
7,250'	3/4
7,771'	1
8,528'	1/4
9,200'	1
10,160'	1/2
10,422'	3/4
10,774'	1/4
11,419'	1-1/2
12,190'	1/2
12,670'	1-1/4
13,005'	3/4
13,398'	1/4

I hereby certify that all deviation tests set forth above are true and correct to the best of my knowledge.


J. R. Hughes - Dist. Drilling Supt.

for: Union Oil Company of California

Subscribed and sworn to before me, a Notary Public in and for Midland County, Texas, this 30th day of December, 1974.


Louella Hyatt

OPERATOR: Union Oil Company of California
LEASE: Estacado Unit
WELL NO: 1
LOCATION: Section 8, Unit Letter L,
Township 14 South, Range 35 East
Lea County, New Mexico

DRILL STEM TESTS

- October 10, 1974 - Ran Drill Stem Test No. 1, Wolfcamp "C" Zone, from 10,756' to 10,774'. Initial 15 minute pre-flow with fair blow, increasing to good blow, shut in 1/2 hour. Tool open 1 hour with good blow, no gas to surface. Recovered 1,040' salt water, no shows. IHP 4870, IFP 187 to 280, FFP 280 to 606, FSIP 4134, FHP 4870, bottom hole temperature 134 degrees.
- October 24, 1974 - Ran Drill Stem Test No. 2, Atoka zone, from 12,623' to 12,670', 2500' water blanket. Initial 15 minute pre-flow with weak blow, shut in 1/2 hour. Tool open 1 hour with weak blow for 5 minutes and died. Final shut in 2 hours. Recovered 30' of gas cut drilling mud and 2500' water blanket. IFP 1150, ISIP 3606, FFP 1150, FSIP 3860, bottom hole temperature 168 degrees.
- October 29, 1974 - Ran Drill Stem Test No. 3, Lower Atoka Sand, from 12,945' to 13,005', 2500' water blanket. Initial 15 minute pre-flow with weak blow, shut in 1/2 hour. Tool open 1 hour with weak blow for 3 minutes and died. Shut in 2 hours. Recovered 130' of drilling mud and 2500' water blanket. IHP 6300, IFP 1172 to 1193, FFP 1172 to 1235, FSIP 4071, FHP 6175, bottom hole temperature 182 degrees.