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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-864	

1a. TYPE OF WELL		OIL WELL ☒		GAS WELL ☐		DRY ☐		OTHER ☐	
b. TYPE OF COMPLETION		NEW WELL ☒		WORK OVER ☐		DEEPEN ☐		PLUG BACK ☐	
				DIFF. RESVR. ☐				OTHER ☐	
2. Name of Operator The Superior Oil Company									
3. Address of Operator P. O. Box 1900, Midland, Texas 79701									
4. Location of Well									
UNIT LETTER J LOCATED 2130 FEET FROM THE South LINE AND 1980 FEET FROM									
THE East LINE OF SEC. 4 TWP. 14-S RGE 34-E NMPM 14 East									
15. Date Spudded Sept. 13, 1968		16. Date T.D. Reached Oct. 16, 1968		17. Date Compl. (Ready to Prod.) October 26, 1968		18. Elevations (DF, RKB, RT, GR, etc.) GR-4138, DF-4152, KB-4154		19. Elev. Casinghead 4138	
20. Total Depth 10,550		21. Plug Back T.D. 10,465		22. If Multiple Compl., How Many Dual		23. Intervals Drilled By 0-10,550		24. Was Directional Survey Made No	
24. Producing Interval(s), of this completion — Top, Bottom, Name Lower Wolfcamp Top: 10,332 (-6178) Perf. 10,335-40 w/4 JSPP Base: 10,342 (-6188)									25. Was Well Cored No
26. Type Electric and Other Logs Run Schlumberger Gamma Ray-Sonic and Induction Electric Log									
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"	48	404	17-1/2	450 sacks		None			
9-5/8"	36	4500	12-1/4	665 sacks		None			
7"	23 & 26	10,550	8-3/4	330 sacks		None			
29. LINER RECORD					30. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET		
None					2-3/8"	10,444	10,416		
					2-3/8"	10,316	10,316		
31. Perforation Record (Interval, size and number) Lower Wolfcamp perf. 10,335-40 w/4 JSPP or total 20 holes w/0.37" diameter. Upper Penn. perf. 10,421-30 w/4 JSPP or total 36 holes w/0.37" diameter.					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
					DEPTH INTERVAL				
					AMOUNT AND KIND MATERIAL USED				
					10,421-30 500 gals Halliburton MCA				
					10,335-40 500 gals Halliburton MCA				
33. PRODUCTION									
Date First Production October 26, 1968		Production Method (Flowing, gas lift, pumping — Size and type pump) Flowing					Well Status (Prod. or Shut-in) Shut in		
Date of Test Oct. 28, 1968	Hours Tested 24	Choke Size 21/64	Prod'n. For Test Period 464	Oil — Bbl. 464	Gas — MCF 517	Water — Bbl. 0	Gas — Oil Ratio 1114		
Flow Tubing Press. 400	Casing Pressure 0	Calculated 24-Hour Rate 464	Oil — Bbl. 464	Gas — MCF 517	Water — Bbl. 0	Oil Gravity — API (Corr.) 44.5°			
34. Disposition of Gas (Sold, used for fuel, vented, etc.)							Test Witnessed By		
35. List of Attachments Schlumberger Gamma Ray-Sonic and Induction Electric Log submitted w/Form C-105 dated October 28, 1968.									
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 L. W. G. Lay			TITLE Production Engineer				DATE Nov. 13, 1968		

INSTRUCTIONS

This form is to be filled 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 filled in quadruplicate 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	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Yates	T. Aloka	T. Pictured Cliffs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. 7 Rivers	T. Devonian	T. Menefee	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Queen	T. Silurian	T. Cliff House	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Grayburg	T. Montoya	T. Point Lookout	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. San Andres	T. Simpson	T. Mancos	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Glorieta	T. McKee	T. Gallup	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Paddock	T. Paddock	T. Gallup	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Blinberry	T. Gr. Wash	T. Morrison	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Tubb	T. Granite	T. Toddlito	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Drinkard	T. Delaware Sand	T. Bone Springs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Abo	T. Bone Springs	T. Bone Springs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Wolfcamp	T. Bone Springs	T. Bone Springs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Penn. "A"	T. Bone Springs	T. Bone Springs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
T. Cisco (Bough C)	T. Bone Springs	T. Bone Springs	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Qtzite	T. Granite	T. Ellensburg	T. Dakota	T. Morrison	T. Toddlito	T. Delaware Sand	T. Bone Springs	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	400	400	Caliche	400	870	870	Red beds
400	1270	2300	Red beds & anhydrite	870	1030	1030	Red beds
1270	2300	4500	Anhydrite & dolomite	1030	2200	2200	Anhydrite & dolomite
2300	4500	9800	Dolomite & limestone	2200	5300	5300	Dolomite & limestone
4500	9800	10,363	Limestone w/interbedded shale and chert	5300	563	563	Limestone w/interbedded shale and chert
9800	10,363	10,372	Shale	563	9	9	Shale
10,363	10,372	10,392	Limestone	9	20	20	Limestone
10,372	10,392	10,401	Shale	20	9	9	Shale
10,392	10,401	10,414	Limestone	9	13	13	Limestone
10,401	10,414	10,418	Shale	13	4	4	Shale
10,414	10,418	10,444	Limestone	4	26	26	Limestone
10,418	10,444	10,448	Shale	26	4	4	Shale
10,444	10,448	10,481	Limestone & shale	4	33	33	Limestone & shale
10,448	10,481	10,484	Shale	33	3	3	Shale
10,481	10,484	10,550	Limestone	3	66	66	Limestone
10,484	10,550			66			