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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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						8. Farm or Lease Name Elkan	
2. Name of Operator The Superior Oil Company						9. Well No. 1	
3. Address of Operator P. O. Box 1900, Midland, Texas 79701						10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 510 FEET FROM THE West LINE OF SEC. 34 TWP. 13-S RGE. 34-E NMPM						12. County Lea	
15. Date Spudded 12-4-68	16. Date T.D. Reached 1-8-69	17. Date Compl. (Ready to Prod.) 1-15-69	18. Elevations (DF, RKB, RT, GR, etc.) KB-4150, DF-4148, GR-4134	19. Elev. Casinghead 4134			
20. Total Depth 10,550	21. Plug Back T.D. 10,476	22. If Multiple Compl., How Many ***	23. Intervals Drilled By Rotary Tools	Cable Tools ***			
24. Producing Interval(s), of this completion - Top, Bottom, Name Upper Penn Top: 10,433 (-6283) Perf. 10,436-41 w/4 JSPT Base: 10,455 (-6305)						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Schlumberger Gamma Ray-Sonic, Induction Electric, and Microlog						27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE 13-3/8"	WEIGHT LB./FT. 48	DEPTH SET 405	HOLE SIZE 17-1/2"	CEMENTING RECORD 450 sz		AMOUNT PULLED None	
9-5/8"	36	4,500	12-1/4"	665 sz		None	
5-1/2"	17	10,550	8-3/4"	500 sz		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE None	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE 2-3/8"	DEPTH SET 10,415	PACKER SET 10,415
				Prod tail extends to 10,446			
31. Perforation Record (Interval, size and number) Perf. Upper Penn 10,436-41 w/4 JSPT (total of 20 holes of 0.4" diameter)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL 10,436-41			
				AMOUNT AND KIND MATERIAL USED Halliburton MCA (500 gals-15%)			
33. PRODUCTION							
Date First Production Jan. 15, 1969		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test Jan. 17, 1969	Hours Tested 24	Choke Size 3/4	Prod'n. For Test Period 466	Oil - Bbl. 466	Gas - MCF 439	Water - Bbl. 0	Gas-Oil Ratio 942
Flow Tubing Press. 70	Casing Pressure 0 - Pkr	Calculated 24-Hour Rate 466	Oil - Bbl. 466	Gas - MCF 439	Water - Bbl. 0	Oil Gravity - API (Corr.) 44	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented at present pending pipe line connection						Test Witnessed By	
35. List of Attachments Schlumberger Gamma Ray-Sonic, IES, Microlog plus DST data							
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. A. Lelay		TITLE Production Engineer			DATE January 20, 1969		

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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2900 (+1250)	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3690 (+460)	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4303 (-153)	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 _____	T. Todilto _____	T. _____
T. Drinkard 7203 (-3053)	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 7882 (-3732)	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9637 (-5487)	T. _____	T. Chinle _____	T. _____
T. Penn. 10,433 (-6283)	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	408	408	Caliche				
408	1883	1475	Red beds				
1883	2300	417	Red beds & anhydrite				
2300	4500	2200	Anhydrite & dolomite				
4500	6200	1700	Dolomite & limestone				
6200	7200	1000	Limestone w/interbedded shale				
7200	7340	140	Shale				
7340	7890	550	Limestone w/interbedded shale				
7890	10346	2456	Limestone w/interbedded shale				
10,346	10358	12	Limestone				
10,358	10372	14	Shale				
10,372	10382	10	Limestone				
10,382	10389	7	Shale				
10,389	10410	21	Limestone				
10,410	10414	4	Shale				
10,414	10428	14	Limestone				
10,428	10433	5	Shale				
10,433	10455	22	Limestone				
10,455	10459	4	Shale				
10,459	10486	27	Limestone				
10,486	10489	3	Shale				
10,489	10550	61	Limestone				

THE SUPERIOR OIL COMPANY

DRILL STEM TEST DATA

ELKAN #1
Field Undesignated
Lea County, New Mexico

DST (#1)	10,337-10,408	<u>Lower Wolfcamp</u> Halliburton tester on dry 4-1/2" DP, 5/8" BHC. Pkrs set @ 10,331 & 10,337'. TO & pkrs failed immed.
DST (#1-A)	10,352-10,408	<u>Lower Wolfcamp</u> Halliburton tester on dry 4-1/2" DP, 5/8" BHC. Pkrs set @ 10,346 & 10,352'. TO & pkrs failed after 1/2 min.
DST (#1-B)	10,372-10,408	<u>Lower Wolfcamp</u> Halliburton tester on dry 4-1/2" DP, 5/8" BHC. Pkrs set @ 10,372 & 10,364'. TO & pkrs failed immed.
DST (#1-C)	10,323-10,408	<u>Lower Wolfcamp</u> Halliburton tester on dry 4-1/2" DP, 5/8" BHC. Pkrs set @ 10,317 & 10,323'. TO for 15 min preflow w/weak blow for 3 mins & dead for 12 mins. SI for 1 hr ISIP. TO for 1 hr test w/slight blow to dead. SI for 1 hr & POH. Rec 100' drlg mud, no shows. 1 hr ISIP 175, FP 95-131, 1 hr FSIP 153, HP 4995 in & 4955 out.
DST (#2)	10,402-10,455	<u>Upper Pennsylvanian</u> Halliburton tester on dry 4-1/2" DP, 5/8" BHC. Pkrs set @ 10,396 & 10,402'. TO for 20 min preflow w/strong blow, GTS in 23 mins. SI for 1 hr ISIP. TO for 5 hr test, oil to surf in 2 hrs & 5 min. Turned thru trap & flwd 3 hrs @ 14 BOPH rate, TP 60-100, 270 MCFPD, GOR 804, 43.5 gty oil, 1/2" chk. SI for 3 hr FSIP. Pulled pkrs loose, rev out 54 bbls oil, no wtr. POH. 1 hr ISIP 2700, FP 526-1876, 3 hr FSIP 2657, HP 5038 in & 4995 out. BHT 158°.