

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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. OG-5217	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐			
b. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		State "L"	

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 P LOCATED 510 FEET FROM THE South LINE AND 660 FEET FROM			
THE East LINE OF SEC. 33 TWP. 13-S RGE. 34-E NMPM		12. County Lea	

15. Date Spudded Aug. 30, 1968	16. Date T.D. Reached Oct. 2, 1968	17. Date Compl. (Ready to Prod.) Oct. 31, 1968	18. Elevations (DF, RKB, RT, GR, etc.) KB-4151; DF-4149; GL-4136	19. Elev. Casinghead 4136
20. Total Depth 10,550	21. Plug Back T.D. 10,494	22. If Multiple Compl., How Many Dual	23. Intervals Drilled By Rotary Tools	Cable Tools ---

24. Producing Interval(s), of this completion - Top, Bottom, Name Lower Wolfcamp Top: 10,356 (-6205) Perf. 10,360-65 Base: 10,368 (-6217)				25. Was Directional Survey Made No
---	--	--	--	--

26. Type Electric and Other Logs Run Schlumberger Gamma Ray-Sonic; Induction, and Microlog	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"	48	409	17-1/2	450	None
9-5/8"	36	4500	12-1/4	665	None
7"	23 & 26	10,550	8-3/4	300	None

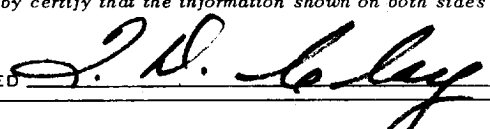
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-3/8	10,420	10,420
					2-3/8	10,316	10,316

31. Perforation Record (Interval, size and number) Perfs. 10,360-65 w/4 JSPP or total of 20 holes of 0.3" diameter (Lower Wolfcamp) Perfs. 10,449-55 w/4 JSPP or total of 24 holes of 0.3" diameter plus perfs. 10,450, 10,451, 10,452.5 & 10,453 w/1 JSPP (Upper Penn)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		10,360-65	1000 gals (15%) Western Reg
		10,360-65	1250 gals (15%) Halliburton CRA
		10,449-55	1000 gals Western Reg
		10,449-55	1000 gals (15%) Western Spearhead
		10,449-55	2000 gals (15%) Halliburton MCA

33. PRODUCTION		10,449-55		2000 gals (15%) Halliburton MCA	
Date First Production Oct. 31, 1968		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Shut In	
Date of Test Oct. 31, 1968	Hours Tested 24	Choke Size 3/4	Prod'n. For Test Period 238	Oil - Bbl. 238	Gas - MCF 302
				Water - Bbl. 0	Gas - Oil Ratio 1270
Flow Tubing Press. 75	Casing Pressure Prod. below	Calculated 24-Hour Rate 238	Oil - Bbl. 238	Gas - MCF 302	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, Induction, & Microlog submitted with C-105 Form dated Nov. 6, 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 	TITLE Production Engineer	DATE December 19, 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. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	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 Qizte
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todilto	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	9622 (-5471)	T. Chinle	T. T.
T. Penn.	10,445 (-6294)	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn. "A"	T. T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	400	400	Caliche				
400	1270	870	Red beds				
1270	2300	1030	Red Beds				
2300	4500	2200	Anhydrite & dolomite				
4500	9800	5300	Dolomite & limestone				
9800	10398	598	Limestone with interbedded shale & chert				
10,398	10420	22	Shale				
10,420	10445	25	Limestone & shale				
10,445	10470	25	Limestone				
10,470	10,475	5	Shale				
10,475	10,502	27	Limestone & shale				
10,502	10,550	48	Limestone				

DRILL STEM TEST DATA
SUPERIOR STATE "L" NO. 1
510' FSL & 660' FEL
SECTION 33, T-13-S, R-34-E
CERCA (UPPER PENN) FIELD
LEA COUNTY, NEW MEXICO

- DST No. 1: 10,160-10,225 Ran Halliburton test tool on 4-1/2" dry drill pipe with packer at 10,159'. Tool open for 20 minute preflow w/very weak blow air and dead in 12 min. Closed tool for 1 hr ISIP, opened tool for 1 hr final flow w/no blow. Closed tool for 1 hr final shut in. Recovered 25' drlg mud w/no shows. IHYP = 4659, 1 hr ISIP = 69, Final Flow Press. = 46, 1 hr FSIP = 46, FHYP = 4659, BHT = 143°F.
- DST No. 2: 10,435-10,486 Ran Halliburton DST tool on 4-1/2" dry drill pipe w/packer set at 10,435'. Tool open for 10 min preflow w/strong blow air. Closed tool for 1 hour ISIP w/gas to surface in 25 min. Tool open for 4 hr & 20 min final flow thru 1/4" chk w/oil to surface in 2 hours & 10 min, & flowed est. 8 BOPH w/max TP = 190 psig. Closed tool in for 2-1/2 hrs final shut in. Pulled packer loose & reversed out est. 65 BO w/no water plus 90' mud cut oil. IHYP = 5147, 1 hr ISIP = 3143, Final Flow = 600-2106, 2-1/2 hr FSIP = 3098, FHYP = 5103, BHT = 154°F.