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Form C-105
Revised 11-1-84

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. LG 1543	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						8. Farm or Lease Name State DW	
2. Name of Operator Cities Service Oil and Gas Corporation						9. Well No. 3	
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702						10. Field and Pool, or Wildcat Undesignated Yates	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>12</u> TWP. <u>18S</u> RGE. <u>33E</u>						11. County Lea	
15. Date Spudded 6-1-84		16. Date T.D. Reached 6-25-84		17. Date Compl. (Ready to Prod.) 10-16-84		18. Elevations (DF, RKB, RT, GR, etc.) 4098' GR	
19. Elev. Casinghead 4098'		20. Total Depth 8950'					
21. Plug Back T.D. 3400'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools Cable Tools 0 - T.D. 8950'		24. Producing Interval(s), of this completion - Top, Bottom, Name 3342 - 3379' - Yates	
25. Was Directional Survey Made No						26. Type Electric and Other Logs Run CNL-LDT-GR-Cal, DLL-MSFL-Cal-GR, BHC Sonic - Deviation Survey	
27. Was Well Cored Yes						28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight LB./FT.		Depth Set		Hole Size	
13-3/8"		48#		350'		17-1/2"	
8-5/8"		24 & 32#		3304'		11"	
5-1/2"		15.5 & 17#		8949'		7-7/8"	
Cementing Record		Amount Pulled		500 sacks		Circulated	
1300 sacks		Circulated		1900 sacks		TOC @ 3700'	
29. LINER RECORD				30. TUBING RECORD			
Size		Top		Bottom		Sacks Cement	
2-7/8"		3366'		---		---	
31. Perforation Record (Interval, size and number) 2 SPF @ 3342, 44, 46, 52, 54, 66, 67, 68, 75, 76, 77 and 3379'. Total 24 holes (0.50" dia & 14.8" pen).				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Depth Interval		Amount and Kind Material Used		3342 - 3379'		2000 gals 7-1/2% acid + 15,000 gals 2% KCL water + 15,000 gals CO ₂ (71 tons) + 18,000# 20/40 sand + 48,000# 12/20 sand	
33. PRODUCTION				34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented			
Date First Production 10-1-84		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2-1/2" x 1-1/4" x 12' - Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 10-16-84		Hours Tested 24		Choke Size 55		Gas - MCF 95	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl.		Oil Gravity - API (Corr.) 33.9	
35. List of Attachments Above listed logs and Deviation Survey						Test Witnessed By S. C. Nichols	
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 <u>Elmer Startz</u>		TITLE <u>Reg. Opr. Mgr. - Prod.</u>		DATE <u>10-22-84</u>			

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 _____ 3229'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4348'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5086'	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 _____	T. Granite Mtn. _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware XXXX 5903'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs 6556'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. 1st. BS Sand 8138'	T. Chinle _____	T. _____
T. Penn. _____	T. BS Dolo. 8576'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. 2nd BS Sand 8900'	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, 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 _____ to _____ feet. _____
 No. 2, from _____ to _____ feet. _____
 No. 3, from _____ to _____ feet. _____
 No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350'	350	Red Beds				
350	925	575	Red Beds & Anhydrite				
925	3065	2140	Salt & Anhydrite				
3065	4370	1305	Anhydrite				
4370	5450	1080	Lime				
5450	5981	531	Dolomite & Shale				
5981	7297	1316	Lime				
7297	7495	198	Dolomite & Lime				
7495	7670	175	Dolomite & Shale				
7670	8130	460	Dolomite & Lime				
8130	8283	153	Chert & Lime				
8283	8491	208	Lime & Chert				
8491	8673	182	Dolomite				
8673	8712	39	Shale & Dolomite				
8712	8909	197	Lime & Chert				
8909	8950	41	Dolomite & Sand				
			T.D. 8950'				

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