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Form C-105
Revised 11-1-78

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		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator		Cities Service Oil and Gas Corporation		9. Well No.	
3. Address of Operator		P.O. Box 1919 - Midland, Texas 79702		10. Field and Pool, or Wildcat (Bone)	
4. Location of Well		UNIT LETTER <u>M</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM		Mescalero Escarpe Springs	
THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>18S</u> RGE. <u>33E</u>				11. County	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
2-23-85		3-18-85		5-03-85	
18. Elevations (DF, RKB, RT, GR, etc.)		4010' GR		19. Elev. Casinghead	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
9050'		9008'		23. Intervals Drilled By Rotary Tools	
				D-T.D. 9050'	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
8695 - 8741' - Bone Springs				No	
26. Type Electric and Other Logs Run				27. Was Well Cored	
CNL-LDT-NGT-Cal., DLL-MSFL-Cal., BHC Sonic - Deviation Survey				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#	375'	17-1/2"	500 sacks	Circulated
8-5/8"	24 & 32#	3160'	11"	1250 sacks	Circulated
5-1/2"	15.5 & 17#	9050'	7-7/8"	1315 sacks	TOC @ 3550'
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
30. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-7/8"	8782'	---			
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
2 SPF @ 8695, 97, 99, 8700, 03, 05, 08, 09, 11, 13, 17, 20, 22, 24, 27, 28, 31, 32, 35, 38, 39 and 8741'. Total of 44 holes (0.43" dia & 15.07" pen)			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			8695 - 8741'		
			5000 gals 15% NeFe HCL acid +		
			30,000 gals YF3PSD pad + 20,000		
			gals 20% retarded Super X acid		
			+ 5000. gals 7-1/2% HCL acid +		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
3-27-85		Pumping - 2-1/2" x 2" x 34' - Insert		Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
5-03-85	24			51	58
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					7 (load)
				Oil Gravity - API (Corr.)	
				38.70	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)				Test Witnessed By	
Sold				S. C. Nichols	
35. List of Attachments					
Above listed logs and Deviation Survey					
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>5-06-85</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 _____ 3161'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3573'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4314'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4561'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5076'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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 _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware _____ Mtn. 5807'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 6550'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. 1st Dolo. _____ 8214'	T. Chinle _____	T. _____
T. Penn. _____	T. 1st Sand _____ 8282'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. 2nd Dolo. _____ 8693'	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-	1285	1285	Surface Rock & Red Beds				
1285	2875	1590	Anhydrite & Salt				
2875	3160	285	Anhydrite				
3160	3888	728	Anhydrite & Lime				
3888	4612	724	Lime & Anhydrite				
4612	5408	796	Lime				
5408	5915	507	Lime & Sand				
5915	6695	780	Dolomite				
6695	7095	400	Lime & Sand				
7095	7984	889	Lime & Shale				
7984	8180	196	Lime				
8180	8585	405	Shale, Dolomite & Sand				
8585	8782	197	Lime				
8782	8980	198	Shale & Lime				
8980	9050	70	Lime & Shale				
			T.D. 9050'				