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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-1-84

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 State DW	
2. Name of Operator Cities Service Oil and Gas Corporation										9. Well No. 4	
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702										10. Field and Pool, or Wildcat Bone Mescalero Escarpe Spring	
4. Location of Well UNIT LETTER F LOCATED 1880 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 12 TWP. 18S RGE. 33E N.M.P.M.										11. County Lea	
15. Date Spudded 6-28-84		16. Date T.D. Reached 7-20-84		17. Date Compl. (Ready to Prod.) 10-26-84		18. Elevations (DF, RKB, RT, GR, etc.) 4105' GR		19. Elev. Casinghead 4105'			
20. Total Depth 9050'		21. Plug Back T.D. 9001'		22. If Multiple Compl., How Many		23. Intervals Drilled By 0 - T.D. 9050'		24. Producing Interval(s), of this completion - Top, Bottom, Name 8635 - 8800' - Bone Springs			
26. Type Electric and Other Logs Run CNL-LDT-NGT, DLL-MSFL-GR-Cal, BHC Sonic-GR-Cal-Deviation Survey								25. Was Directional Survey Made No			
27. Was Well Cored Yes											
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#	350'	17-1/2"	500 sacks		Circulated					
8-5/8"	24 & 32#	3275'	11"	1500 sacks		Circulated					
5-1/2"	15.5 & 17#	9050'	7-7/8"	1925 sacks		TOC @ 2700'					
29. LINER RECORD					30. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET				
					2-7/8"	8641'	---				
31. Perforation Record (Interval, size and number) 2 SPF @ 8635, 36, 37, 69, 70, 71, 78, 79, 81, 82, 87 and 8688' (Total 24 holes) 2 SPF @ 8728, 29, 30, 31, 33, 34, 45, 47, 48, 49, 55, 56, 58, 59, 60, 62, 96, 97, 98, 99 and 8800' (Total 42 holes)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED					
					8635 - 8688'	3000 gals 15% NeFe HCL acid					
					8728 - 8800'	6000 gals 15% NeFe HCL acid + 10,000 gals 15% CSA II acid					
					8635 - 8800'	80,000 gals PUR-GEL 30 +					
33. PRODUCTION 60,000# 20/40 sand + 30,000 gals 20% CRA aci											
Date First Production 7-27-84		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2-1/2" x 1-1/4" x 30' - Insert					Well Status (Prod. or Shut-in) Producing				
Date of Test 10-26-84	Hours Tested 24	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
				36	44	28 (load)	1228				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 40.0°					
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							Test Witnessed By Joe Gibson				
35. List of Attachments Above listed logs & 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 Elmer Startz				TITLE Reg. Opr. Mgr. - Prod.			DATE 10-31-84				

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	1760'	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	3235'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	4376'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	5114'	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	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T. 1st BS Dolo.	T. Chinle	T.
T. Penn.		T. 1st BS Sand	T. Permian	T.
T. Cisco (Bough C)		T. 2nd BS Dolo	T. Penn. "A"	T.

2nd BS Sand 8906' OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....
 No. 5, 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	1771	1421	Red Beds & Anhydrite				
1771	3050	1279	Salt & Anhydrite				
3050	4370	1320	Anhydrite				
4370	4510	140	Sand, Anhydrite & Dolomite				
4510	6874	2364	Lime				
6874	8925	2051	Lime, Dolo., Sand & Chert				
8925	9050	125	Dolomite & Chert				
			T.D. 9050'				
				Core No. 1	4371	4431 (60')	Rec. 60', being 1' Dolomite w/ns, 43' Red Sand w/dolomite & Anhydrite inclusions w/ns, 16' Dolomite w/Anhydrite stringers w/ns

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