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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.

19. TYPE OF WELL *Bar. of mine* RECEIVED

E. TYPE OF COMPLETION	
NEW WELL ☐	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☒
DIFF. RESVR. ☐	OTHER ☐
OIL WELL ☐	GAS WELL ☐
DRY ☒	OTHER ☐

MAR 22 1967

2. Name of Operator
Cities Service Oil Company

O. C. C.
ARTESIA, OFFICE

3. Address of Operator
P. O. Box 69 - Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE East LINE OF SEC. 27 TWP. 7S RGE. 29E NMPM
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7. Unit Agreement Name

8. Farm or Lease Name
O'Brien '45'

9. Well No.
#1

10. Field and Pool, or Wildcat
Wildcat

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
11-2-67	11-15-66		4188 D.F.	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3550				0-3550	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
Laterolog, Dual Induction, Porosity Log, Sonic Log-Gamma Ray, Formation Density, Micro Laterolog,	Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	222	11 1/4	200 sax regular	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Plugged & Abandoned					
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments
Log as listed above, 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	TITLE	DATE
C. D. ROBERTSON	District Clerk	3-14-67

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 all 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. Penn. "B"	T. Penn. "B"
T. Salt	T. Strawn	T. Penn. "C"	T. Penn. "C"
B. Salt	T. Aloka	T. Penn. "D"	T. Penn. "D"
T. Yates	T. Miss	T. Leadville	T. Leadville
T. 7 Rivers	T. Devonian	T. Madison	T. Madison
T. Queen	T. Silurian	T. Elbert	T. Elbert
T. Grayburg	T. Montoya	T. McCracken	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Gallup
T. Gfiorieta	T. McKee	T. Base Greenhorn	T. Base Greenhorn
T. Paddock	T. Ellenburger	T. Dakota	T. Dakota
T. Blinberry	T. Gr. Wash	T. Morrison	T. Morrison
T. Tubb	T. Granite	T. Todillo	T. Todillo
T. Drinkard	T. Delaware Sand	T. Entrada	T. Entrada
T. Abo	T. Bone Springs	T. Wingate	T. Wingate
T. Wolfcamp	T. Permian	T. Permian	T. Permian
T. Cisco (Bough C)	T. Penn. "A"	T. Penn. "A"	T. Penn. "A"

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	1126	1126	Red Bed	CORE #2 - 2917-2976, Cut & Recovered 59'	2917	2921	Hard tight dolomite
1126	1724	598	Red Bed - Anhydrite		2921	2945	Anhydrite - No show
1724	1924	200	Anhydrite Salt - GYP		2945	2954	Anhydrite - No show
1924	2253	329	Anhydrite - GYP		2954	2976	Dolo, w/very slight shows
2253	2407	154	Anhydrite		2976	2980.5	Dense dolomite
2407	2704	297	Lime Anhydrite		2980.5	2988	Dense dolomite w/Anhy. inclusions
2704	2860	156	Lime		2988	3003.5	Dense dolomite
2860	2865	5	Anhydrite		3003.5	3028	Dense dolomite
2865	2921	56	Dolomite		3028	3031.5	Dolomite & Anhydrite, N.S.
2921	2945	24	Anhydrite		3031.5	3034	Dolomite & Anhy. - N.S.
2945	2954	9	Anhydrite w/very slt. show		3034	3035	Dolomite, fair porosity
2954	3035	81	Dolomite		3035	3035	Dol. oil & water
3035	3041	6	Dense Anhydritic Dolo.		3035	3041	Dense anhy. dol., N.S.
3041	3050	9	Anhydrite		3041	3050	Anhydrite, N.S.
3050	3057	7	Dolomitic Anhydrite		3050	3057	Dolo. Anhy. - Bleeding oil
3057	3094	37	Limestone		3057	3094	Limestone, dense
3094	3421	327	Dolomite		3094	3094	
3421	3550	129	Lime		3094	3094	
			T.O. 3550'		3094	3094	
CORE #1	2860-2917 - Cut and recovered 57'			CORE #5 - 3297-3356 - Cut 59' and Recovered 58'	3297	3308-3313; 3320-3333; and 3335.55	
2860	2865		Anhydrite - No show		3308-3313; 3320-3333; and 3335.55		
2865	2917		Hard tight Dolo. w/P.P. Porosity, oil odor and show of salt water.				