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Form C-105
Revised 1-1-65

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

RECEIVED

MAR 26 1976

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL		OIL WELL ☐		GAS WELL ☒		DRY ☐		OTHER ☐	
b. TYPE OF COMPLETION		NEW WELL ☒		WORK OVER ☐		DEEPEN ☐		PLUG BACK ☐	
2. Name of Operator		Cities Service Oil Company		3. Address of Operator		Box 1919 - Midland, Texas 79701		4. Location of Well	
UNIT LETTER		D		LOCATED		990		FEET FROM THE	
THE		West		LINE OF SEC.		29		TWP.	
		21S		RGE.		27E		NMPM	
15. Date Spudded		1-9-76		16. Date T.D. Reached		2-18-76		17. Date Compl. (Ready to Prod.)	
								3-20-76	
18. Elevations (DF, RKB, RT, GR, etc.)		3158' DF		19. Elev. Casinghead		3141'		20. Total Depth	
								11690'	
21. Plug Back T.D.		11651'		22. If Multiple Compl., How Many				23. Intervals Drilled By	
								Rotary Tools	
								Cable Tools	
								0 - T.D. 11690' ---	
24. Producing Interval(s), of this completion - Top, Bottom, Name		11320 - 11445' - Morrow		25. Was Directional Survey Made		No		26. Type Electric and Other Logs Run	
								Compensated Neutron-Formation Density, Dual Laterolog Micro-SFL and Deviation Tests	
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	
13-3/8"		48#		405'		17-1/2"		450 sacks	
9-5/8"		(907.56' - 36#)							
		(2072.61' - 32#)		3000'		12-1/4"		1370 sacks	
5-1/2"		(1077.74' - 20#, 10592.26' - 17#)		11690'		8-3/4"		1060 sacks	
29. LINER RECORD		Size		Top		Bottom		Sacks Cement	
30. TUBING RECORD		Size		Depth Set		Packer Set			
		2-7/8" OD		11370'		Model DB 11370'			
		2-3/8" shoed tbgs		sub @ 11380'		Lok-set 11203'			
31. Perforation Record (Interval, size and number)		2-0.41" holes each		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
@ (Lower) 11387', 11388', 11389', 11390', 11392', 11394', 11396', 11398', 11400', 11402', 11404', 11406', 11409', 11411', 11414', 11435', 11436', 11437', 11440', 11442' and 11445' (Upper) 11320', 11321', 11322', 11324', 11326', 11328', 11329', 11330', 11332', 11334', 11336' and 11338'		DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED					
		11387 - 11445'		5000 gals 7-1/2% HCl acid + 60 ball sealers + 1000 SCF Nitrogen/bbl.					
		11320 - 11338'		5000 gals 7-1/2% HCl acid + 1000 SCF Nitrogen/bbl.					
33. 11328', 11329', 11330', 11332', 11334', 11336' and 11338'		PRODUCTION		11326' and 11338'		SCF Nitrogen/bbl.			
Date First Production		3-4-76		Production Method (Flowing, gas lift, pumping - Size and type pump)		Flowing		Well Status (Prod. or Shut-in)	
								Shut-in	
Date of Test		3-20-76		Hours Tested		4 hrs		Choke Size	
								10' & 8 7/16"	
Flow Tubing Press.		3150#		Casing Pressure		---		Calculated 24-Hour Rate	
								Oil - Bbl. C.A.O.F.	
								Gas - MCF 3013	
								Water - Bbl. -0-	
								Oil Gravity - API (Corr.) ---	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Well is shut-in waiting on pipeline connection		Test Witnessed By		Mr. J. L. Bussell			
35. List of Attachments		Deviation Tests		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		E. Spaulder		TITLE		Region Operation Manager		DATE	
								March 25, 1976	

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 _____	9870'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	10170'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	10742'	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 Qtzte _____
T. Glorieta _____	T. McKee _____		Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____		T. Dakota _____	T. _____
T. Ellinebry _____	T. Gr. Wash _____		T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____		T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____		T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	5005'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Dean _____	8412'	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow _____	11072'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Chester _____	11650'	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0'	406'	406'	Surface Rock, Red Bed & Anhydrite
406'	1214'	808'	Anhydrite
1214'	1662'	448'	Anhydrite & Sand
1662'	1813'	151'	Anhydrite
1813'	1910'	97'	Lime
1910'	2172'	262'	Anhydrite & Lime
2172'	2511'	339'	Lime & Sand
2511'	2823'	312'	Lime & Shale
2823'	3012'	189'	Lime, Sand & Shale
3012'	3150'	138'	Lime & Shale
3150'	3460'	310'	Shale & Lime
3460'	4262'	802'	Lime & Shale
4262'	4285'	23'	Shale & Lime
4285'	6520'	2235'	Lime & Shale
6520'	6762'	242'	Shale & Lime
6762'	7249'	487'	Lime & Shale
7249'	7417'	168'	Shale & Lime
7417'	11690'	4273'	Lime, Sand & Shale.
			T.D. 11690'

From	To	Thickness in Feet	Formation
DST No. 1	11312 - 11344'	(32')	Morrow Sand, 3/4" BHC, 3/8" TC, 2000' wtr. blanket. Tool opened w/fair blow for 15 min preflow. No surface press. No gas to surface. Closed tool for 90 min ISIP. Gas to surface in 28 mins (13 mins after tool closed). Tool opened for 60 min flow period w/fair blow on 3/8" choke building up to 200 psig after 25 min of flow period. Wtr. blanket to surface in 40 mins unloaded to pit. Switched thru separator. Gas rate steady last 10 mins of flow period 1.360 MMCFD w/400# FDPP on 3/8" choke - no distillate. Closed tool for 120 min FSIP. Sample chamber @ 11280' contained no fluid and 5.77 cu ft gas @ 1000 psig. Rec. 93' drlg. fluid below circ. sub. Pressures as follows:
			Top Chart <u>@ 11290'</u>
			Bottom Chart <u>@ 11339'</u>
IMCP	5701	5709	
15 min IF	840-885	879-901	
90 min ISIP	4811	4827	
60 min FFP	885-1106	901-1142	
120 min FSIP	4811	4827	
Final MCP	5612	5621	
BHT	174 degs F	174 degs F	