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Form C-105
Revised 11-1-84

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

NOV 26 1985
O.C.D.
ARTESIA OFFICE

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Merland A

2. Name of Operator
Cities Service Oil and Gas Corporation

9. Well No.
2

3. Address of Operator
P.O. Box 1919 - Midland, Texas 79702

10. Field and Pool, or Wildcat
Squibb
Unders. Carlsbad-Delaware

4. Location of Well
UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West

11. County
Eddy

THE LINE OF SEC. 19 TWP. 22S RGE. 27E NMPM

15. Date Spudded 9-16-85	16. Date T.D. Reached 9-24-85	17. Date Compl. (Ready to Prod.) 11-21-85	18. Elevations (DF, RKB, RT, GR, etc.) 3165' GR	19. Elev. Casinghead 3165'
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20. Total Depth 4554'	21. Plug Back T.D. 3085'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0 - T.D. 4554'	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name 2769 - 2781' - Delaware	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run CNL-LDT-GR, DLL-MSFL-Cal., Deviation Survey, Dual Porosity Neutron	27. Was Well Cored No
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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#	597'	12-1/4"	500 sacks	Circulated
5-1/2"	14#	4553'	7-7/8"	900 sacks	Circulated

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	2796'	---

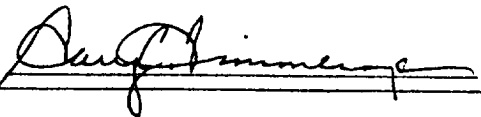
31. Perforation Record (Interval, size and number) 4 SPF @ 2769, 71, 72, 74, 76, 77, 80 and 2781' Total of 32 holes (0.50" dia & 12.27" pen)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2769 - 2781'	2000 gals MSR-100 acid +
		17,500 gals YF3 PSD (crosslinked Polymer) + 48,000# 12/20 sand

33. PRODUCTION							
Date First Production 10-09-85		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1-1/2" x 16' - Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 11-21-85	Hours Tested 24 hrs.	Choke Size	Prod'n. For Test Period	Oil - Bbl. 65	Gas - MCF 24	Water - Bbl. 354	Gas - Oil Ratio 369
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 42.50	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By J. Gibson
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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  TITLE Region Petroleum Engineer DATE 11-25-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 _____	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. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>1966'</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <u>Castile Anhy. 1302'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Delaware Lime 1757'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. <u>Dela. Sand Pay 2768'</u>	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.....

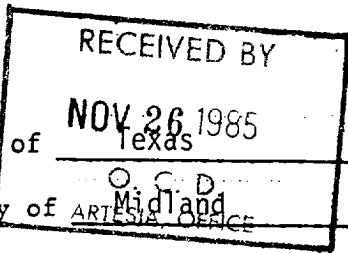
No. 3, from.....to.....feet.....

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	515	515	Surface Rock & Red Beds				
515	735	220	Anhydrite				
735	1580	845	Anhydrite & Salt				
1580	2210	630	Lime & Sand				
2210	2940	730	Lime & Shale				
2940	4425	1485	Shale & Sand				
4425	4554	129	Sand & Shale				
			T.D. 4554'				

AFFIDAVIT



State of Texas
County of Midland

Cities Service Oil and Gas Corporation ✓

Lease Name Merland A Well # 2

In Sec. 19 Twp. 22S Rge. 27E

County of Eddy

State New Mexico

Gary C. Timmermann of lawful age being first duly sworn deposes and

says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
0.75	305'				
0.75	610'				
0.75	970'				
0.75	1370'				
2.75	1502'				
2.25	1686'				
1.75	1780'				
1.25	1908'				
0.75	2350'				
0.50	2760'				
0.50	3234'				
0.50	3647'				
0.50	4055'				
0.25	4554'				

T.D. 4554'

Further affiant saith not.

Gary C. Timmermann

Subscribed and sworn to before me this 25th day of November, 19 85

My Commission Expires 11/7/88

Natalie Grisham Notary Public

Midland County, Texas

