

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	☒
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form O-105
Revised 11-1-76

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

1. Indicate Type of Lease	
State ☐	Fee ☒
2. State Oil & Gas Lease No.	
3. Lease Agreement Name	
4. Name of Lease Name	
5. Well No.	
6. Field and Pool, or Wildcat	
7. County	

19. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐
OTHER ☒ CO ₂ & Hydro Carbon Test	
20. TYPE OF COMPLETION	
NEW WELL ☐	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐ Dry Hole

2. Name of Operator	Cities Service Company
3. Address of Operator	P.O. Box 1919 Midland, TX 79702
4. Location of Well	

UNIT LETTER <u>B</u>	LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM
THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>20N</u> RGE. <u>19E</u> NMP.	

15. Date Spudded	10/26/77	16. Date T.D. Reached	12/10/77	17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	7321' GR	19. Elev. Casinghead	7321'
20. Total Depth	5832'	21. Plug Back T.D.	1831'	22. If Multiple Compl., How Many		23. Intervals Drilled By	Rotary Tools	Cable Tools	
24. Producing Interval(s), of this completion - Top, Bottom, Name								25. Was Directional Survey Made	
NONE								NO	
26. Type Electric and Other Logs Run								27. Was Well Cored	
GR-CAL-CNL-FDC, BHC & DIL-SP								NO	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECD	AMOUNT PULLED
13-3/8"	48#	565.55'	17 1/2"	550 sx	NONE
8-5/8"	24#	2359.00'	11"	800 sx	NONE

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

31. Perforation Record (Interval, size and number)	Perf Glorieta, w/4" csg gun 2 S/F 2119-2138, 2145-2148, 1940 - 1950', 1970 - 1972', 1980 - 1990', 1999 - 2004', 1871' - 1875', Total 114 0.46" holes at 16.13 penetrations
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3376' - 2250'	50 sx cmt plug 50 sx cmt plug
2090-2062'	Dumped 8 sx cmt on CIBP
1930-1902'	Dumped 65 sx cmt on CIBP
1871-1875'	1000 gals 7 1/2% MCA

33. PRODUCTION 1861-1831' 8 sx cmt on CIBP							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
Dry hole					Shut-In		
Date of Test	Hours Tested	Choke Size	Prod'n. Per 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
Deviation Affidavit

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>E. P. Miller</u>	TITLE <u>Region Oper. Mgr</u>	DATE <u>7/16/79</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 by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 35 through 38 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 Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. <u>Santa Rosa</u> <u>1323'</u>
T. Tubb _____	T. Granite _____	T. Todilto _____	T. <u>Glorieta</u> <u>1848'</u>
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. <u>Yeso</u> <u>2160'</u>
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle <u>652'</u>	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	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 <u>Drilled with Rotary</u> to <u>information not available</u> 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	70'	70'	Sand				
70'	1868'	1798'	Sand & Shale				
1868'	1958'	90'	Sand				
1958'	2030'	72'	Sand & Shale				
2030'	3159'	1129'	Sand				
3159'	3874'	715'	Siltstone				
3874'	4197'	323'	Sand & Shale				
4197'	4451'	254'	Siltstone				
4451'	4575'	124'	Sand				
4575'	4769'	194'	Sand & Shale				
4769'	4910'	141'	Sand				
4910'	5832'	922'	Sand & Shale				

AFFIDAVIT

State of Texas _____ Cities Service _____ Company _____

County of Midland _____ Lease Name Fort Union _____ Well # 1 _____

In Sec. 33 Twp. 20N Rge. 19E _____

County of _____ Mora _____

State _____ New Mexico _____

E. Y. Wilder _____ 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>
1.00	207'				
1.00	570'				
1.00	1023'				
1.25	1456'				
3.00	1868'				
3.00	2359'				
2.75	2519'				
2.75	2933'				
1.75	3159'				
1.75	3234'				
1.75	3671'				
1.50	3874'				
1.50	4249'				
3.00	4493'				
1.75	4948'				
3.00	5243'				
1.75	5503'				
1.75	5832' TD				

Further affiant saith not.



Subscribed and sworn to before me this 17 day of July, 19 79

My Commission Expires 10-31-80 Christine Hamlin Notary Public
Midland County, Texas