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LAND OFFICE	
OPERATOR	

Form O-105
Revised 1-10-68

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.

10. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>CO² & Hydro Carbon Test</u>
11. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER <u>Dry Hole</u>

3. Unit Agreement Name
4. Name of Lease
<u>Fort Union</u>

2. Name of Operator
<u>Cities Service Company</u>
3. Address of Operator
<u>P.O. Box 1919 Midland, TX 79702</u>

5. Well No.
<u>1</u>
10. Field and Field, or Wildcat
<u>Wildcat</u>

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> NMPM

12. County
<u>Mora</u>

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<u>10/26/77</u>	<u>12/10/77</u>		<u>7321' GR</u>	<u>7321'</u>
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
<u>5832'</u>	<u>1831'</u>		<u>0-5832'</u>	<u>-</u>
24. Producing Interval(s), of this completion - Top, bottom, Name				25. Was Directional Survey Made
<u>NONE</u>				<u>NO</u>

26. Type Electric and Other Logs Run	27. Was Well Cored
<u>GR-CAL-CNL-FDC, BHC & DIL-SP</u>	<u>NO</u>

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

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.	
<u>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</u>		
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<u>3376' - 2250'</u>	<u>50 sx cmt plug 50 sx cmt plug</u>
	<u>2090-2062'</u>	<u>Dumped 8 sx cmt on CIBP</u>
	<u>1930-1902'</u>	<u>Dumped 65 sx cmt on CIBP</u>
	<u>1871-1875'</u>	<u>1000 gals 7 1/2% MCA</u>

33. PRODUCTION <u>1861-1831'</u> <u>8 sx cmt on CIBP</u>							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		<u>Dry hole</u>				<u>Shut-In</u>	
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
<u>Deviation Affidavit</u>

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 radioactivity 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 25 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 Qzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. Santa Rosa 1323'
T. Tubb _____	T. Granite _____	T. Todilto _____	T. Glorieta 1848'
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. Yeso 2160'
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle 652'	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 _____ Drilled with Rotary _____ to _____ information not available 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