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LAND OFFICE	
OPERATOR	

Form O-105
Revised 11-8-78

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

4. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

19. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER **CO² & Hydro Carbon Test**

6. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER **Dry Hole**

7. Unit Agreement Name

8. Farm or Lease Name
Fort Union

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

2. Name of Operator
Cities Service Company

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

4. Location of Well
UNIT LETTER **B** LOCATED **660** FEET FROM THE **North** LINE AND **1980** FEET FROM
THE **East** LINE OF SEC. **33** TWP. **20N** RGE. **19E** NMPM.

11. County
Mora

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 0-5832'** Cable Tools **-**

24. Producing Interval(s), of this completion - Top, Bottom, Name
NONE

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
GR-CAL-CNL-FDC, BHC & DIL-SP

27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECCRD	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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

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) **Dry hole** Well Status (Prod. or Shut-in) **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 Calculate 1 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 *E. P. Miller* TITLE **Region Oper. Mgr** DATE **7/16/79**

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 by the. 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. Eibert _____
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. Blinobry _____	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.

E. Y. Wilder

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