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LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-78

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Owen-A	
9. Well No.	
8	
10. Field and Pool, or Wildcat	
Wantz Abo	

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator: Cities Service Company

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

4. Location of Well

UNIT LETTER I LOCATED 1830 FEET FROM THE South LINE AND 710 FEET FROM

THE East LINE OF SEC. 35 TWP. 21S RGE. 37E NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RAB, RT, GR, etc.)	19. Elev. Casinghead
4/28/77	5/22/77	7/27/77	3370' GR	3370'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
7825'	7320'		→	0-7825'	

24. Producing Interval(s), of this completion -- Top, Bottom, Name	25. Was Directional Survey Made
6709'-7301'-Abo	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Schlumberger Synergetic Log System using CNL, FDC, GR, BHC, DLL, & RXO Logs.	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" (Conductor)	48	30'	17-1/2"	3 yards	None
9-5/8" OD	36	1119'	12-1/4"	550 sacks	None
7" OD	23 & 26	7824'	8-3/4"	2650 sacks	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8" OD	6575'	6575'

31. Perforation Record (Interval, size and number) 2 - 0.48 holes @	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
6709', 6711', 6715', 6742', 6757', 6762', 6771', 6891', 6913', 6930', 6939', 6942', 6961', 6964', 6972', 6975', 6981', 6989', 6994', 7018', 7020', 7066', 7108', 7142', 7148', 7180', 7266', 7276', 7280' and 7301'.	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>6709'-7301'</td> <td>3000 gals 15% HCL Acid with additives</td> </tr> <tr> <td>6709'-7301'</td> <td>14000 gals Lse Crude, 7000 gals 15% Acid, 12000# 20/40 Mesh Sand</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	6709'-7301'	3000 gals 15% HCL Acid with additives	6709'-7301'	14000 gals Lse Crude, 7000 gals 15% Acid, 12000# 20/40 Mesh Sand
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
6709'-7301'	3000 gals 15% HCL Acid with additives						
6709'-7301'	14000 gals Lse Crude, 7000 gals 15% Acid, 12000# 20/40 Mesh Sand						

33. PRODUCTION		9000# 100 Mesh Sand & 44 7/8"
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in) RCNCB's
7/27/77	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/27/77	24	3/4"	→	24	612.4	72	25,517
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
70#	---	→	24	612.4	72	39.7°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	P. C. Hayes

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. Spiller TITLE Region Oper. Manager DATE 7/29/77

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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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 <u>1196'</u>	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 <u>2533'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3357'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3524'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3891'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5100'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry <u>5448'</u>	T. Gr. Wash <u>7420'</u>	T. Morrison _____	T. _____
T. Tubb <u>6075'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>6211'</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>6604'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	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 <u>3357'</u> to <u>3524'</u>	No. 4, from <u>5448'</u> to <u>6075'</u>
No. 2, from <u>3524'</u> to <u>3891'</u>	No. 5, from <u>6211'</u> to <u>6604'</u>
No. 3, from <u>3891'</u> to <u>5100'</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

Drilled with rotary. Information not available.

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	647	647	Red Bed & Anhydrite				
647	1150	503	Anhydrite				
1150	1800	650	Anhydrite & Salt				
1800	2555	755	Anhydrite				
2555	4160	1605	Anhydrite & Lime				
4160	6974	2814	Lime				
6974	7227	253	Lime & Dolomite				
7227	7800	573	Lime & Chert				
7800	7825	25	Granite				

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JAN 2 1977
OIL CONSERVATION COMM.
HOBBS, N. M.