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

Form C-105  
Revised 11-1-8

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
B-2229

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

7. Unit Agreement Name  
S.M.G.S.A.U.

8. Farm or Lease Name  
Tract 4

2. Name of Operator  
Cities Service Company

9. Well No.  
10

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

10. Field and Pool, or Wildcat  
Maljamar (G-SA)

4. Location of Well  
UNIT LETTER F LOCATED 2615 FEET FROM THE North LINE AND 1420 FEET FROM  
THE West LINE OF SEC. 29 TWP. 17S RGE. 33E NMPM

12. County  
Lea

|                            |                                  |                                             |                                                       |                                 |
|----------------------------|----------------------------------|---------------------------------------------|-------------------------------------------------------|---------------------------------|
| 15. Date Spudded<br>8/7/78 | 16. Date T.D. Reached<br>8/14/78 | 17. Date Compl. (Ready to Prod.)<br>12/6/78 | 18. Elevations (D.F. R&B, RT, GR, etc.)<br>4066.4' GR | 19. Elev. Casinghead<br>4066.4' |
|----------------------------|----------------------------------|---------------------------------------------|-------------------------------------------------------|---------------------------------|

|                          |                             |                                  |                                                     |             |
|--------------------------|-----------------------------|----------------------------------|-----------------------------------------------------|-------------|
| 20. Total Depth<br>4377' | 21. Plug Back T.D.<br>4341' | 22. If Multiple Compl., How Many | 23. Intervals Drilled By<br>Rotary Tools<br>0-4377' | Cable Tools |
|--------------------------|-----------------------------|----------------------------------|-----------------------------------------------------|-------------|

24. Producing Interval(s), of this completion - Top, Bottom, Name  
4168-4340' (G-SA)

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNL-FDC, DLL-RXO GR-CCL-CBL

27. Was Well Cored  
No

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#            | 1316'     | 12-1/4"   | 650 SX           | NONE          |
| 5-1/2"      | 14#            | 4343'     | 7-7/8"    | 2350 SX          | NONE          |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 4304'     |            |

31. Perforation Record (Interval, size and number) 120 - 0.33" Holes  
4168-4340'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                             |
|----------------|-----------------------------------------------------------|
| 4168-4340'     | Acidized w/10,000 Gals 15% Ne W/add. & 208 - 7/8 RCNCB's. |
|                | Frac w/30,000 Gals Poly Vis II                            |
|                | 44,000# 20-40 Sand & 7500# 100                            |

33. PRODUCTION Mesh sand down 5-1/2 csg; in 2 stages w/ \*

|                                   |                                                                                                     |                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|
| Date First Production<br>10/24/78 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 2-1/2" x 1-3/4" B.H. | Well Status (Prod. or Shut-in)<br>Prod. |
| Date of Test<br>12/6/78           | Hours Tested<br>24                                                                                  | Choke Size                              |
| Flow Tubing Press.                | Casing Pressure                                                                                     | Calculated 24-Hour Rate                 |
|                                   | Oil - Bbl.<br>53                                                                                    | Gas - MCF<br>15.11                      |
|                                   | Water - Bbl.<br>33                                                                                  | Oil Gravity - API (Corr.)<br>37.6       |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

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. Spaulder TITLE Region Operations Mgr. DATE 12/7/78

# 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 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 _____ 4044   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 4262 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____             | 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 _____ 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'    | 300'  | 300'              | Red Bed             |      |    |                   |           |
| 300'  | 845'  | 545'              | Red Bed & Anhydrite |      |    |                   |           |
| 845'  | 1316' | 471'              | Anhydrite           |      |    |                   |           |
| 1316' | 3087' | 1771'             | Anhydrite & Salt    |      |    |                   |           |
| 3087' | 3587' | 500'              | Anhydrite           |      |    |                   |           |
| 3587' | 3867' | 280'              | Anhydrite & Lime    |      |    |                   |           |
| 3867' | 4377' | 510'              | Lime                |      |    |                   |           |

# AFFIDAVIT

State of Texas Cities Service Company

County of Midland Lease Name S.M.G.S.A.U. Well # 410

In Sec. 29 Twp. 17S Rge. 33E

County of Lea

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> |
|----------------|--------------|----------------|--------------|----------------|--------------|
| .25            | 420'         |                |              |                |              |
| .50            | 906'         |                |              |                |              |
| .75            | 1316'        |                |              |                |              |
| .50            | 1793'        |                |              |                |              |
| .75            | 2281'        |                |              |                |              |
| .75            | 2778'        |                |              |                |              |
| .75            | 2932'        |                |              |                |              |
| 1.00           | 3308'        |                |              |                |              |
| 1.00           | 3643'        |                |              |                |              |
| 1.00           | 4136'        |                |              |                |              |
| 1.50           | 4350'        |                |              |                |              |

Further affiant saith not.

*E. Y. Wilder*

Subscribed and sworn to before me this 7th day of December, 19 78  
 My Commission Expires 10-31-80 *Christine Himm* Notary Public  
 Midland County, Texas