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Form C-105
Revised 11-1-76

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

RECEIVED
JUN 30 1980
O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name: **Miller & Olsen**

9. Well No.: **2**

2. Name of Operator: **Phoenix Resources Company** ✓

3. Address of Operator: **c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, NM 88240**

10. Field and Pool, or Wildcat: **Railroad Mountain - SA**

4. Location of Well

UNIT LETTER **H** LOCATED **1980** FEET FROM THE **North** LINE AND **660** FEET FROM THE **East** LINE OF SEC. **3** TWP. **8S** RGE. **28E** NMPM

12. County: **Chaves**

| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Cashinghead |
|---|---|---|---|---|
| 4/1/80 | 4/7/80 | 5/19/80 | 3991 KB | |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 2660 | 2615 | | → | 0-TD | |

24. Producing Interval(s), of this completion — Top, Bottom, Name: **2434 - 2450 San Andres**

25. Was Directional Survey Made: **No**

26. Type Electric and Other Logs Run: **Neutron-Gamma Ray, Dual Laterolog, Micro Laterolog**

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# | 268 | 11 | 150 | None |
| 4 1/2 | 9.5# | 2657 | 6 3/4 | 350 | None |
| | | | | | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| | | | | |
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2 3/8 | 2478 | No |
| | | |

31. Perforation Record (Interval, size and number)

**2434-35, 2438-50, 1 shot per foot, 0.4"**

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 2434-50 | 3,000 gal NE FE acid |
| | |
| | |
| | |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 5/24/80 | Pumping | Producing |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas — Oil Ratio |
|---|---|---|---|---|---|---|---|
| 6/6/80 | 24 | | | 17 | 2 | 28 | 118 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| | | | | | | 23.6° |

34. Disposition of Gas (Sold, used for fuel, vented, etc.): **Vented**

Test Witnessed By: **Sam Southard**

35. List of Attachments: **1 copy electric logs**

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 [signature] TITLE **Agent** DATE **6/26/80**

## 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 in 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 33 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 | 650 | T. Canyon | | T. Ojo Alamo | | T. Penn. "B" | |
| T. Salt | 672 | T. Strawn | | T. Kirtland-Fruitland | | T. Penn. "C" | |
| B. Salt | 695 | T. Atoka | | T. Pictured Cliffs | | T. Penn. "D" | |
| T. Yates | 706 | T. Miss | | T. Cliff House | | T. Leadville | |
| T. 7 Rivers | | T. Devonian | | T. Menefee | | T. Madison | |
| T. Queen | 1316 | T. Silurian | | T. Point Lookout | | T. Elbert | |
| T. Grayburg | | T. Montoya | | T. Mancos | | T. McCracken | |
| T. San Andres | 1798 | T. Simpson | | T. Gallup | | T. Ignacio Qtzte | |
| T. Glorieta | | T. McKee | | Base Greenhorn | | T. Granite | |
| T. Paddock | | T. Ellenburger | | T. Dakota | | T. | |
| T. Blinebry | | 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 2434 to 2450 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 None Logged 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 | 650 | 650 | Surface sand & shale | | | | |
| 650 | 672 | 22 | Anhydrite | | | | |
| 672 | 695 | 23 | Salt | | | | |
| 695 | 706 | 11 | Anhydrite, salt & lime | | | | |
| 706 | 1316 | 610 | Sand & lime | | | | |
| 1316 | 1798 | 482 | Lime & shale | | | | |
| 1798 | 2660 | 862 | Lime & dolomite | | | | |