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**OCT 27 8 18 AM '65**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105  
 Revised 1-1-65

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| <b>E-2109</b>                             |                              |

|                                                                                                                                                                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                        |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |  |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  |
| 2. Name of Operator                                                                                                                                                                                                     |  |
| <b>Pan American Petroleum Corp.</b>                                                                                                                                                                                     |  |
| 3. Address of Operator                                                                                                                                                                                                  |  |
| <b>Box 68. Hobbs, N.M. 88240</b>                                                                                                                                                                                        |  |
| 4. Location of Well                                                                                                                                                                                                     |  |
| UNIT LETTER <b>M</b> LOCATED <b>660'</b> FEET FROM THE <b>SOUTH</b> LINE AND <b>612</b> FEET FROM THE <b>WEST</b> LINE OF SEC. <b>30</b> TWP. <b>12-S</b> RGE. <b>34-E</b> NMPM                                         |  |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Farm or Lease Name          |
| <b>STATE "CY"</b>              |
| 9. Well No.                    |
| <b>1</b>                       |
| 10. Field and Pool, or Wildcat |
| <b>UNDESIGNATED-PENN</b>       |
| 12. County                     |
| <b>LEA</b>                     |

|                                                                      |                       |                                  |                                        |                                 |
|----------------------------------------------------------------------|-----------------------|----------------------------------|----------------------------------------|---------------------------------|
| 15. Date Spudded                                                     | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead            |
| <b>9-5-65</b>                                                        | <b>10-14-65</b>       | <b>10-22-65</b>                  | <b>4229' R.D.B.</b>                    | <b>—</b>                        |
| 20. Total Depth                                                      | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools                    |
| <b>10374</b>                                                         | <b>10371</b>          |                                  | <b>—</b>                               | <b>O-TD</b>                     |
| 24. Producing interval(s), of this completion — Top, Bottom, Name    |                       |                                  |                                        | 25. Was Directional Survey Made |
| <b>10226-52' - PENN.</b>                                             |                       |                                  |                                        | <b>No</b>                       |
| 26. Type Electric and Other Logs Run                                 |                       |                                  |                                        | 27. Was Well Cored              |
| <b>FOCUSED LOG, MOVABLE OIL PROT. MINIFOCUSED LOG, ACOUSTIC LOG,</b> |                       |                                  |                                        | <b>No</b>                       |

| 28. CASING RECORD (Report all strings set in well) |                  |              |                |                  |               |
|----------------------------------------------------|------------------|--------------|----------------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LBS./FT.  | DEPTH SET    | HOLE SIZE      | CEMENTING RECORD | AMOUNT PULLED |
| <b>13 3/8"</b>                                     | <b>35.6-54.5</b> | <b>410</b>   | <b>17 1/2"</b> | <b>375</b>       |               |
| <b>8 5/8"</b>                                      | <b>24 - 32</b>   | <b>4091</b>  | <b>12 1/4"</b> | <b>800</b>       |               |
| <b>5 1/2"</b>                                      | <b>14 - 17</b>   | <b>10374</b> | <b>7 7/8"</b>  | <b>525</b>       |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |              |            |
|------------------|-----|--------|--------------|--------|-------------------|--------------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET    | PACKER SET |
|                  |     |        |              |        | <b>2 3/8"</b>     | <b>10267</b> |            |

|                                                    |  |                                                |  |
|----------------------------------------------------|--|------------------------------------------------|--|
| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
| <b>10335-412 W/2 JSPF - 8000 @ 10.300</b>          |  | DEPTH INTERVAL                                 |  |
| <b>10,226-52 W/2 JSPF</b>                          |  | AMOUNT AND KIND MATERIAL USED                  |  |
|                                                    |  | <b>10335-42 1000 gal acid</b>                  |  |
|                                                    |  | <b>10,226-52 2000 gal acid</b>                 |  |

|                       |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
| Date First Production |                 | Production Method (Flowing, gas lift, pumping — Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| <b>10-24-65</b>       |                 | <b>FLOWING</b>                                                      |                         |            |              |                                |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil — Bbl. | Gas — MCF    | Water — Bbl.                   | Gas — Oil Ratio |
| <b>10-24-65</b>       | <b>24</b>       | <b>14/64</b>                                                        | <b>—</b>                | <b>342</b> | <b>359</b>   | <b>0</b>                       | <b>1050</b>     |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil — Bbl.              | Gas — MCF  | Water — Bbl. | Oil Gravity — API (Corr.)      |                 |
| <b>1060</b>           | <b>—</b>        | <b>—</b>                                                            |                         |            |              | <b>43°</b>                     |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| <b>VENTED</b>                                              |                   |

|                                                                                                                                         |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 35. List of Attachments                                                                                                                 |                     |
| <b>NONE</b>                                                                                                                             |                     |
| 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. |                     |
| Original Signed By                                                                                                                      | TITLE               |
| <b>O. R. WILLIAMS, JR.</b>                                                                                                              | <b>Area Foreman</b> |
| DATE                                                                                                                                    |                     |
| <b>10/27/65</b>                                                                                                                         |                     |

①  
 C-105  
 - JWS  
 - AC  
 - WJ  
 - RAYG

# 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 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 <u>1975</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>2733</u>      | T. Miss          | T. Cliff House        | T. Leadville      |
| T. 7 Rivers               | T. Devonian      | T. Menefee            | T. Madison        |
| T. Queen <u>3475</u>      | T. Silurian      | T. Point Lookout      | T. Elbert         |
| T. Grayburg               | T. Montoya       | T. Mancos             | T. McCracken      |
| T. San Andres <u>4075</u> | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta               | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock                | T. Ellenburger   | T. Dakota             | T.                |
| T. Blinberry              | 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 <u>9160</u>   | T.               | T. Chinle             | T.                |
| T. Penn.                  | T.               | T. Permian            | T.                |
| T. Cisco (Bough C)        | T.               | T. Penn. "A"          | T.                |

## FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness<br>in Feet | Formation   | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|-------------|------|----|----------------------|-----------|
| 0     | 1450  | 1450                 | RED BED     |      |    |                      |           |
| 1450  | 1846  | 396                  | " " Anhy    |      |    |                      |           |
| 1846  | 2550  | 704                  | Anhy-Salt   |      |    |                      |           |
| 2550  | 4018  | 1468                 | Anhy        |      |    |                      |           |
| 4018  | 7665  | 3647                 | Lime        |      |    |                      |           |
| 7665  | 8154  | 489                  | Lime, shale |      |    |                      |           |
| 8154  | 10217 | 2063                 | Lime        |      |    |                      |           |
| 10217 | 10249 | 32                   | Lime, chert |      |    |                      |           |
| 10249 | 10874 | 125                  | Lime        |      |    |                      |           |