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Form C-105  
Revised 1-1-65

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

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease   | State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | <b>E10165</b>                                                          |

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1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ **JUL 11 1966**

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ **ARTESIAN OFFICE**

|                        |                   |
|------------------------|-------------------|
| 7. Unit Agreement Name |                   |
| 8. Farm or Lease Name  | <b>State "AU"</b> |

2. Name of Operator

**Yates Petroleum Corporation** ✓

|             |          |
|-------------|----------|
| 9. Well No. | <b>1</b> |
|-------------|----------|

3. Address of Operator

**309 Carper Building, Artesia, New Mexico 98210**

|                                |                         |
|--------------------------------|-------------------------|
| 10. Field and Pool, or Wildcat | <b>Penasco SA - Yes</b> |
|--------------------------------|-------------------------|

4. Location of Well

UNIT LETTER **D** LOCATED **330** FEET FROM THE **North** LINE AND **330** FEET FROM

|            |             |
|------------|-------------|
| 12. County | <b>Eddy</b> |
|------------|-------------|

THE **West** LINE OF SEC. **36** "WP. **18S** RGE. **25E** NMPM

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 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>5-25-66</b>   | <b>6-11-66</b>        | <b>6-25-66</b>                   | <b>3477 GR</b>                         | <b>3477</b>          |

|                 |                              |                                  |                          |              |             |
|-----------------|------------------------------|----------------------------------|--------------------------|--------------|-------------|
| 20. Total Depth | 21. Plug Back T.D.           | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
| <b>1834</b>     | <b>1760 (top frac. sand)</b> |                                  | <b>0-1834</b>            |              |             |

|                                                                   |                                 |
|-------------------------------------------------------------------|---------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 25. Was Directional Survey Made |
| <b>1180 - 1760 San Andres</b>                                     | <b>No</b>                       |

|                                      |                    |
|--------------------------------------|--------------------|
| 26. Type Electric and Other Logs Run | 27. Was Well Cored |
| <b>Gamma Ray Neutron</b>             | <b>1212-1834</b>   |

| 28. CASING RECORD (Report all strings set in well) |                |             |              |                  |               |
|----------------------------------------------------|----------------|-------------|--------------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET   | HOLE SIZE    | CEMENTING RECORD | AMOUNT PULLED |
| <b>4-1/2</b>                                       | <b>9.5#</b>    | <b>1180</b> | <b>6-3/4</b> | <b>510</b>       |               |
| <b>2-3/8 (tbq)</b>                                 | <b>4.7#</b>    | <b>1508</b> | <b>3-7/8</b> |                  |               |
|                                                    |                |             |              |                  |               |
|                                                    |                |             |              |                  |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |             |             |
|------------------|-----|--------|--------------|--------|-------------------|-------------|-------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET   | PACKER SET  |
|                  |     |        |              |        | <b>2-3/8</b>      | <b>1568</b> | <b>None</b> |
|                  |     |        |              |        |                   |             |             |
|                  |     |        |              |        |                   |             |             |

| 31. Perforation Record (Interval, size and number)       | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                            |                |                               |                                                          |                                                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| <b>Open Hole</b>                                         | <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td><b>Acidized numerous Zones in 1180 to 1760 interval.</b></td> <td><b>Total acid = 28,250 gal. regular non-emulsifying acid.</b></td> </tr> </table> | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | <b>Acidized numerous Zones in 1180 to 1760 interval.</b> | <b>Total acid = 28,250 gal. regular non-emulsifying acid.</b> |
| DEPTH INTERVAL                                           | AMOUNT AND KIND MATERIAL USED                                                                                                                                                                                                                             |                |                               |                                                          |                                                               |
| <b>Acidized numerous Zones in 1180 to 1760 interval.</b> | <b>Total acid = 28,250 gal. regular non-emulsifying acid.</b>                                                                                                                                                                                             |                |                               |                                                          |                                                               |

| 33. PRODUCTION        |                                                                     |                         |                         |            |              |                                |                 |
|-----------------------|---------------------------------------------------------------------|-------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| <b>6-30-66</b>        | <b>Pumping</b>                                                      |                         |                         |            |              | <b>Producing</b>               |                 |
| Date of Test          | Hours Tested                                                        | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| <b>7-6-66</b>         | <b>24</b>                                                           |                         |                         | <b>15</b>  |              |                                |                 |
| Flow Tubing Press.    | Casing Pressure                                                     | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
|                       |                                                                     |                         | <b>15</b>               |            |              | <b>36 deg.</b>                 |                 |

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

35. List of Attachments

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 Richard C. Norman TITLE **Geologist** DATE **7-8-66**

# 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                 | T. Canyon        | T. Penn. "B"            | T. Ojo Alamo          |
| T. Salt                 | T. Strawn        | T. Penn. "C"            | T. Kirtland-Fruitland |
| B. Salt                 | T. Atoka         | T. Penn. "D"            | T. Pictured Cliffs    |
| T. Yates                | T. Miss          | T. Leadville            | T. Cliff House        |
| T. 7 Rivers             | T. Devonian      | T. Madison              | T. Menefee            |
| T. Queen                | T. Silurian      | T. Elbert               | T. Point Lookout      |
| T. Grayburg             | T. Montoya       | T. McCracken            | T. Mancos             |
| T. San Andres           | T. Simpson       | T. Ignacio Qzite        | T. Gallup             |
| T. Glorieta             | T. McKee         | T. Granite              | T. Base Greenhorn     |
| T. Paddock              | T. Ellenburger   | T. T. Dakota            | T. Morrison           |
| T. Blinberry            | T. Gr. Wash      | T. T. Todillo           | T. Entrada            |
| T. Tubb                 | T. Granite       | T. T. Bone Springs      | T. Wingate            |
| T. Drinkard             | T. Delaware Sand | T. T. Chinle            | T. Permian            |
| T. Abo                  | T. Bone Springs  | T. T. Permian           | T. Cisco (Bough C)    |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                                                       |
|------|------|----------------------|-----------------------------------------------------------------|
| 0    | 120  | 120                  | Gravel                                                          |
| 120  | 370  | 250                  | Red clay mixed with gravel composed of dolomite and lime-stone. |
| 370  | 716  |                      | Dolomite and sand-stone.                                        |
| 716  | 1834 |                      | Dolomite with inter-mitted streaks of oil staining.             |

Copy to  
J. F.

DEVIATION SURVEY

YATES PETROLEUM CORPORATION - STATE "AU" NO. 1  
330' FNL & 330' FWL of Sec. 36, T. 18 S., R. 25 E.

Depth Feet

500'

1005'

1503'

Deviation

1-1/2 deg.

1-1/2 deg.

1 deg.

**RECEIVED**

JUL 11 1966

Sworn to this 8th day of July 1966.

**D. C. C.**  
ARTESIA, OFFICE

Richard C. Norman

Richard C. Norman  
Geologist for  
Yates Petroleum Corporation

STATE OF NEW MEXICO )  
; ss.  
COUNTY OF EDDY )

The foregoing instrument was acknowledged before me this 8th day  
of July 1966 by Richard C. Norman.

My Commission expires:

Dec 15, 1967

James M. La  
Notary Public in and for Eddy  
County, New Mexico