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**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 ☒ Fee ☐

5. State Oil & Gas Lease No.  
**E 8560**

*Bus. of mines*

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

8. Farm or Lease Name  
**Southern Union 15 State**

9. Well No.  
**1**

2. Name of Operator  
**Robert A. Dean**

3. Address of Operator  
**823 Midland Tower, Midland, Texas 79701**

4. Location of Well

10. Field and Pool, or Wildcat  
**2 miles N. of Midland, Texas**

UNIT LETTER **J** LOCATED **2310** FEET FROM THE **S** LINE AND **2310** FEET FROM THE **E** LINE OF SEC. **13** TWP. **16-S** RGE. **31-E** NMPM

12. County  
**Eddy**

|                                     |  |  |  |   |
|-------------------------------------|--|--|--|---|
| 15. Date Spudded<br><b>11-14-66</b> | 16. Date T.D. Reached<br><b>11-22-66</b> | 17. Date Compl. (Ready to Prod.)<br><b>1-29-67</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>4297 KB</b> | 19. Elev. Casinghead<br><b>4287 Gr.</b> |
| 20. Total Depth<br><b>3690</b>      | 21. Plug Back T.D.<br><b>3430</b>        | 22. If Multiple Compl., How Many                   | 23. Intervals Drilled By Rotary Tools<br><b>All</b>      | 24. Cable Tools                         |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**3358 - 3370 Queen Sand**

25. Was Directional Survey Made  
**Yes**

26. Type Electric and Other Logs Run  
**Welex Acoustic Velocity**

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 |
| <b>8 5/8</b>                                       | <b>24</b>      | <b>433</b>  | <b>10 3/4</b> | <b>225 sx</b>    | <b>0</b>      |
| <b>4 1/2</b>                                       | <b>9.5</b>     | <b>3689</b> | <b>6 3/4</b>  | <b>145 sx</b>    | <b>0</b>      |
| <b>2 3/8</b>                                       | <b>2.8</b>     | <b>3368</b> | <b>6 3/4</b>  | <b>0</b>         | <b>0</b>      |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |             |            |
|------------------|-----|--------|--------------|--------|-------------------|-------------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET   | PACKER SET |
| <b>None</b>      |     |        |              |        | <b>2 3/8</b>      | <b>3650</b> |            |

31. Perforation Record (Interval, size and number)  
**3358 - 70 12 holes**

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

| DEPTH INTERVAL   | AMOUNT AND KIND MATERIAL USED |
|------------------|-------------------------------|
| <b>3358 - 70</b> | <b>500 gals. MCA</b>          |
|                  |                               |
|                  |                               |

33. PRODUCTION

Date First Production: \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump): **Flowing** Well Status (Prod. or Shut-in): **Shut-in**

|                                      |                                   |                              |                              |                        |                           |                           |                             |
|--------------------------------------|-----------------------------------|------------------------------|------------------------------|------------------------|---------------------------|---------------------------|-----------------------------|
| Date of Test<br><b>2-4-67</b>        | Hours Tested<br><b>6 hrs.</b>     | Choke Size<br><b>Prover</b>  | Prod'n. For Test Period<br>→ | Oil - Bbl.<br><b>0</b> | Gas - MCF<br><b>1,050</b> | Water - Bbl.<br><b>0</b>  | Gas - Oil Ratio<br><b>0</b> |
| Flow Tubing Press.<br><b>Unknown</b> | Casing Pressure<br><b>Unknown</b> | Calculated 24-Hour Rate<br>→ | Oil - Bbl.                   | Gas - MCF              | Water - Bbl.              | Oil Gravity - API (Corr.) |                             |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**Phillips Petroleum Co.**

Test Witnessed By  
**W. L. Smith**

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 *Robert A. Dean* TITLE **Operator** DATE **February 9, 1967**

# 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>1225</u>                | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt <u>1385</u>                | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt <u>2300</u>                | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>2495</u>               | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>None</u>            | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3355</u>               | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. <del>Grayburg</del> <u>3390</u> | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____                | 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. _____               |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                                  | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--|------|----|----------------------|-----------|
| 0    | 433  | 433                  | Surface rock & shale<br>w/ thin sd. strgs. |      |    |                      |           |
| 433  | 1225 | 792                  | Red Beds, shale w/sd.strgs.                |      |    |                      |           |
| 1225 | 1350 | 125                  | Anhy.                                      |      |    |                      |           |
| 1350 | 2300 | 950                  | Salt                                       |      |    |                      |           |
| 2300 | 2495 | 195                  | Salt, anhy & Lime - Yates                  |      |    |                      |           |
| 2495 | 2545 | 50                   | Silty & Limey sand                         |      |    |                      |           |
| 2545 | 3355 | 810                  | Lime and Anhy.                             |      |    |                      |           |
| 3355 | 3390 | 45                   | Queen sand                                 |      |    |                      |           |
| 3390 | 3630 | 240                  | Lime & Dolo.                               |      |    |                      |           |
| 3630 | 3658 | 28                   | Penrose sand                               |      |    |                      |           |
| 3658 | 3690 | 32                   | Dolo. T.D.                                 |      |    |                      |           |