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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<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>K-3424   |
|  |

|  |                                     |
|--|-------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>   | 7. Unit Agreement Name<br>--        |
| b. TYPE OF COMPLETION<br>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"/> | 8. Farm or Lease Name<br>Gulf State |

|   |   |
|---|---|
| 2. Name of Operator<br>Armer Oil Company  | 9. Well No.<br>3                                    |
| 3. Address of Operator<br>2110 Continental National Bank Bldg., Fort Worth, Texas 76102 | 10. Field and Pool, or Wildcat<br>Langlie-Mattix SR |

|   |                   |
|---|-------------------|
| 4. Location of Well<br>UNIT LETTER <u>M</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM<br>THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>23S</u> RGE. <u>37E</u> NMPM | 12. County<br>Lea |
|---|-------------------|

|                              |                                  |  |  |                               |
|------------------------------|----------------------------------|--|--|-------------------------------|
| 15. Date Spudded<br>11/27/73 | 16. Date T.D. Reached<br>12/2/73 | 17. Date Compl. (Ready to Prod.)<br>12/17/73 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>3299' GR 3310' RKB | 19. Elev. Casinghead<br>3301' |
| 20. Total Depth<br>3640' RKB | 21. Plug Back T.D.<br>3622' RKB  | 22. If Multiple Compl., How Many<br>--       | 23. Intervals Drilled By<br>Rotary Tools<br>0-3640' RKB      | Cable Tools<br>--             |

|  |                                       |
|--|---------------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>3569-3596' RKB - Penrose Sand | 25. Was Directional Survey Made<br>No |
|--|---------------------------------------|

|  |                               |
|--|-------------------------------|
| 26. Type Electric and Other Logs Run<br>Welex GR-Sidewall Neutron-Guard-Forxo and Welex Micro-Seismogram | 27. Was Well Cored<br>Bond 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" OD  | 20 (new)          | 385' RKB  | 11"       | 175 sxs Class C w/2% CaCl | None          |
| 5-1/2" OD  | 14# & 15.5# (new) | 3639' RKB | 7-7/8"    | 200 sxs Class C w/4% gel  | None          |
|  |                   |           |           | 200 sxs Class H w/10# sd, |               |
|  |                   |           |           | 5# salt, 1% CFR-2 per sx. |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |                |            |
|------------------|-----|--------|--------------|--------|-------------------|----------------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET      | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | SN @ 3567' RKB | None       |

|  |  |  |
|--|--|--|
| 31. Perforation Record (Interval, size and number)<br>3569-77' RKB w/9 - 0.37" holes<br>3592-96' RKB w/5 - 0.37" holes | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
|  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED              |
|  | 3569-96' RKB                                   | Acidized w/1250 gals. 15% acid.            |
|  | 3569-96' RKB                                   | Fractured w/20,000 gals. and 24,000# sand. |

| 33. PRODUCTION                   |                       |   |                               |                        |                        |   |                           |
|----------------------------------|-----------------------|---|-------------------------------|------------------------|------------------------|---|---------------------------|
| Date First Production<br>1/19/74 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping w/2-1/4" tbg. pump |                               |                        |                        | Well Status (Prod. or Shut-in)<br>Prod. |                           |
| Date of Test<br>1/23/74          | Hours Tested<br>24    | Choke Size<br>--  | Prod'n. For Test Period<br>-- | Oil - Bbl.<br>12       | Gas - MCF<br>21 (est.) | Water - Bbl.<br>150                     | Gas - Oil Ratio<br>1750:1 |
| Flow Tubing Press.<br>--         | Casing Pressure<br>-- | Calculated 24-Hour Rate<br>--   | Oil - Bbl.<br>12              | Gas - MCF<br>21 (est.) | Water - Bbl.<br>150    | Oil Gravity - API (Corr.)<br>38         |                           |

|  |                                     |
|--|-------------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Used for fuel & vented - Warren to connect vented gas. | Test Witnessed By<br>Robert Haggard |
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| 35. List of Attachments<br>WEK Drilling Co., Inc. Deviation Survey, Welex GR-Sidewall Neutron & Welex Micro-Seismo |
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|---|---------------------------------|---------------------|
| 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 <u>W. S. Saly</u>  | TITLE <u>Production Manager</u> | DATE <u>1/29/74</u> |