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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.                                           |
| 647                                                                    |

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                  |
| Empire Abo Pressure Maintenance Project |
| 8. Farm or Lease Name                   |
| Empire Abo Unit "E"                     |
| 9. Well No.                             |
| 391                                     |

2. Name of Operator  
Atlantic Richfield Company

SEP 10 1976

3. Address of Operator  
P. O. Box 1710, Hobbs, New Mexico 88240

O. C. C.  
ARTESIA, OFFICE

4. Location of Well  
UNIT LETTER B LOCATED 2567 FEET FROM THE East LINE AND 135 FEET FROM

|                                |
|--------------------------------|
| 10. Field and Pool, or Wildcat |
| Empire Abo                     |

THE North LINE OF SEC. 35 TWP. 17S RGE. 28E NMPM

|            |
|------------|
| 12. County |
| Eddy       |

15. Date Spudded 7/23/76  
16. Date T.D. Reached 8/6/76  
17. Date Compl. (Ready to Prod.) 9/2/76  
18. Elevations (DF, RKB, RT, GR, etc.) 3681.9' GR

|                      |
|----------------------|
| 19. Elev. Casinghead |
|                      |

20. Total Depth 6404'  
21. Plug Back T.D. 6328'  
22. If Multiple Compl., How Many

|                          |
|--------------------------|
| 23. Intervals Drilled By |
| Rotary Tools 0-6404'     |
| Cable Tools              |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
6232-53' Abo Reef

|                                 |
|---------------------------------|
| 25. Was Directional Survey Made |
| No                              |

26. Type Electric and Other Logs Run Dual Laterolog w/RXO, GR-Neutron w/Caliper, Sonic log, Compensated Neutron w/caliper

|                    |
|--------------------|
| 27. Was Well Cored |
| No                 |

| 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                                      | 24#            | 750'      | 11"       | 440 sx           |               |
| 5 1/2" OD                                      | 14 & 15.5#     | 6404'     | 7-7/8"    | 1520 sx          |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |           |           |
|--------------|-----|--------|--------------|---------------|-----------|-----------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE      | DEPTH SET |
|              |     |        |              |               | 2-3/8" OD | 6189'     |
|              |     |        |              |               |           | 6157'     |
|              |     |        |              |               |           |           |

| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--|------------------------------------------------|-------------------------------|
| 6232-53' 2 JSPF (42 - .49" holes)                  |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |  | 6056-6066'                                     | 24 bbls 15% HCL-LSTNE acid    |
|                                                    |  | 5995-6005'                                     | 1000 gals 15% HCL-LSTNE acid  |
|                                                    |  | 5995-6005')                                    |                               |
|                                                    |  | 6056-6066')                                    | Squeezed w/142 sx C1 C cmt    |

33. PRODUCTION (cont'd on attached Page 2)

|                       |        |                                                                     |         |                                |        |
|-----------------------|--------|---------------------------------------------------------------------|---------|--------------------------------|--------|
| Date First Production | 9/2/76 | Production Method (Flowing, gas lift, pumping - Size and type pump) | Flowing | Well Status (Prod. or Shut-in) | Prod   |
| Date of Test          | 9/5/76 | Hours Tested                                                        | 24      | Choke Size                     | 48/64" |
| Flow Tubing Press.    | 110#   | Casing Pressure                                                     | Pkr     | Calculated 24-Hour Rate        | 365    |
|                       |        | Oil - Bbl.                                                          | 365     | Gas - MCF                      | 294    |
|                       |        | Water - Bbl.                                                        | 0       | Gas - Oil Ratio                | 805:1  |
|                       |        | Oil Gravity - API (Corr.)                                           | 44°     |                                |        |

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

N. H. Truitt

35. List of Attachments  
Logs as shown in Item 26 above & Inclination Report.

35. 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 Dist. Drlg. Supv. DATE 9/8/76

Posted 10-2  
9-17-76

This form is to be filled 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 filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

Northwestern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)