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

Form C-105  
Revised 11-1-78

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**FEB 5 1979**

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐  
 b. TYPE OF COMPLETION  
 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐  
**O.D.C. ARTESIA, OFFICE**

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| 647-368                                   | 647-363                      |
| 647-320                                   |                              |

7. Unit Agreement Name  
**Empire Abo Pressure Maintenance Project**

8. Farm or Lease Name  
**Empire Abo Unit "E"**

9. Well No.

**383**

10. Field and Pool, or Wildcat

**Empire Abo**

2. Name of Operator

**Atlantic Richfield Company**

3. Address of Operator

**Box 1710, Hobbs, New Mexico 88240**

4. Location of Well

UNIT LETTER **C** LOCATED **1190** FEET FROM THE **North** LINE AND **1910** FEET FROM

THE **West** LINE OF SEC. **35** TWP. **17S** RGE. **28E**

**Eddy**

15. Date Spudded **12/31/78** 16. Date T.D. Reached **1/12/79** 17. Date Compl. (Ready to Prod.) **1/23/79** 18. Elevations (D.F., RKB, R.F., GR, etc.) **3679.3' GR** 19. Elev. Casinghead

20. Total Depth **6320'** 21. Plug back T.D. **6259'** 22. If Multiple Compl., How Many  
 23. Intervals Drilled By: Rotary Tools **0-6320'** Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name

**6206-6216' Abo Reef**

25. Was Directional Survey Made

**No**

26. Type Electric and Other Logs Run

**CNL/FDC w/caliper, DILL/RXO, CBL**

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 |
|-------------|----------------|-----------|-----------|-------------------------|---------------|
| 8-5/8" OD   | 24# K-55       | 750'      | 11"       | 197 sx + 5 yds Redi-mix |               |
| 5-1/2" OD   | 15.5# K-55     | 6320'     | 7-7/8"    | 1225 sx                 |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE      | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-----------|-----------|------------|
|      |     |        |              |        | 2-3/8" OD | 6111'     | 6111'      |

31. Perforation Record (Interval, size and number)

**6206-6216' (20 - .44" holes)**

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                |
|----------------|----------------------------------------------|
| 6206-6216'     | 150 gal 15% HCL-LSTNE-FE acid, flushed w/LC. |

33. PRODUCTION

|                                         |                               |                                                                                    |                                       |                         |                           |                                               |                 |
|-----------------------------------------|-------------------------------|------------------------------------------------------------------------------------|---------------------------------------|-------------------------|---------------------------|-----------------------------------------------|-----------------|
| Date First Production<br><b>1/23/79</b> |                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flow</b> |                                       |                         |                           | Well Status (Prod. or Shut-in)<br><b>Prod</b> |                 |
| Date of Test<br><b>1/26/79</b>          | Hours Tested<br><b>24</b>     | Shoe Size<br><b>48/64"</b>                                                         | Prod'n. Per Test Period<br><b>485</b> | Oil - BBL<br><b>262</b> | Gas - MCF<br><b>0</b>     | Water - BBL<br><b>540:1</b>                   | Gas - Oil Ratio |
| Flow Turning Press.<br><b>90#</b>       | Casing Pressure<br><b>Pkr</b> | Calculated 24-Hour Rate<br><b>485</b>                                              | Oil - BBL<br><b>262</b>               | Gas - MCF<br><b>0</b>   | Water - BBL<br><b>41°</b> | Oil Gravity - API (Corr.)                     |                 |

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

**Sold**

Test Witnessed By

**N. H. Truitt**

35. List of Attachments

**Logs as listed in Item 26 above, DST & Inclination Report**

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

TITLE **Dist. Drlg. Supt.**

DATE **2/1/79**

*Handwritten notes:*  
 2-9-79  
 ID-2  
 P. H. Truitt  
 A. H. Truitt

