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# N MEXICO OIL CONSERVATION COMMISSIC

Supersedes Old  
C-102 and C-103  
Effective 1-1-65

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JUN 23 1978

|                                |                                           |                              |
|--------------------------------|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease     | State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.   | 647-349                                   | 647-351                      |
| 7. Unit Agreement Name         | Empire Abo Pressure Maintenance Project   |                              |
| 8. Form of Lease Name          | Empire Abo Unit "G"                       |                              |
| 9. Well No.                    | 322                                       |                              |
| 10. Field and Pool, or Wildcat | Empire Abo                                |                              |
| 12. County                     | Eddy                                      |                              |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
DO NOT USE THIS FORM FOR PROPOSALS TO ABANDON OR TO PERFORM REMEDIAL WORK. SEE RULE 1103 FOR APPLICATION FOR PERMIT TO (1) PRODUCE OIL, (2) REPAIR OR REEQUIP, (3) REEQUIP, (4) REEQUIP, (5) REEQUIP.

**ARTESIA, OFFICE**

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator  
**Atlantic Richfield Company**

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

Location of Well  
UNIT LETTER **I** **2350** FEET FROM THE **South** LINE AND **1100** FEET FROM  
**East** LINE, SECTION **33** TOWNSHIP **17S** RANGE **28E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
**3665.6' GR**

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |                                           | SUBSEQUENT REPORT OF:                                                  |                                               |
|------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                                 | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>            | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Surface | OTHER <input type="checkbox"/>                |

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 11" hole @ 2:45 PM 6/17/78. Lost circ @ 100', regained circ & drld to 722' @ 1:45 PM 6/18/78. RIH w/8-5/8" OD 24# K-55 csg, FS, FC, set csg @ 772', FC set @ 692'. Cmt 8-5/8" OD csg w/250 sx RFC cmt cont'g 2% CaCl, followed by 100 sx C1 C cmt cont'g 2% CaCl. Cmt did not circ. Found TOC @ 18' FS. Cmt 18' to surf w/1 yd Redi-mix cmt. WOC 9 hrs. Pressure tested cmt to 600# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations.

- The volume of cmt slurry used was 330 cu ft of RFC cmt cont'g 2% CaCl, followed by 132 cu ft of C1 C cmt cont'g 2% CaCl. Cmt 18' to surf w/1 yd Redi-mix cmt.
- Approximate temperature of cmt slurry when mixed was 79° F.
- Estimated minimum formation temperature in zone of interest was 68°F.
- Estimate of cmt strength at time of csg test was 1200 PSIG.
- Actual time cmt in place prior to starting test was 9 hrs.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. A. Gussett TITLE Dist. Drlg. Supt. DATE 6/21/78

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE JUN 26 1978

CONDITIONS OF APPROVAL, IF ANY: