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NEW MEXICO OIL CONSERVATION COMMISSION

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

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**SUNDY NOTICES AND REPORTS ON WELLS** APR 6 1978

DO NOT USE THIS FORM FOR NOTICES TO RULERS TO BE OPENED UP TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO RULERS TO BE OPENED UP TO A DIFFERENT RESERVOIR.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER- **O. C. C. ARTESIA, OFFICE**

2. Name of Operator **Atlantic Richfield Company**

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

4. Location of Well  
UNIT LETTER **D** **150** FEET FROM THE **North** LINE AND **15** FEET FROM  
THE **West** LINE, SECTION **35** TOWNSHIP **17S** RANGE **28E** RMPM.

5. Elevation (Show whether DF, RT, GR, etc.) **3670.4' GR**

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No. **B-11593**

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

8. Form of Lease Name **Empire Abo Unit "E"**

9. Well No. **373**

10. Field and Pool, or Wildcat **Empire Abo**

12. County **Eddy**

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPS. ☒ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ OTHER ☐ CASING TEST AND CEMENT JOB ☒ Surface ☐

OTHER ☐

17. 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 @ 4:00 PM 3/29/78. Had waterflow @ 560' ARO approx 1/2 BPM. Fin drlg 11" hole @ 1:30 PM 3/30/78 to 800'. RIH w/8-5/8" OD 8rd 24# K-55 csg, FS, FC, SC & Lynes inflatable pkr. Csg set @ 800'. Cmdt 1st stage 8-5/8" csg w/140 sx False-set cmt followed by 100 sx C1 C cont'g 6#/sk salt & 2% CaCl. Bumped plug & set pkr @ 4:53 PM 3/30/78 w/1700#. Cmdt 2nd stage thru SC w/20 BFW, 140 sx C1 C cont'g 4% gel, 2% CaCl, 6# salt/sk, 1/4# flocele/sk followed by 100 sx C1 C cmt cont'g 2% CaCl, 6# salt/sk. Bumped plug & closed SC w/1800# @ 5:38 PM 3/30/78. Circ 100 sx cmt to pit on 1st stage, 80 sx to pit 2nd stage. WOC 12 hrs. Press tstd csg to 1000# 30 mins OK. The compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations as follows:

- 1st stage volume of cmt used was 214 cu ft of False-set cmt followed by 132 cu ft of C1 C cmt cont'g 2% CaCl & 6# salt/sk. 2nd stage volume of cmt used was 234 cu ft of C1 C cont'g 4% gel, 2% CaCl, 6# salt/sk, 1/4# flocele/sk, followed by 132 cu ft C1 C cmt cont'g 6# salt/sk & 2% CaCl. Circ 153 cu ft 1st stage to pit & 134 cu ft of 2nd stage to pit.
- Approx temperature of cmt slurry when mixed was 75°F.
- Estimated minimum formation temperature in zone of interest was 68°F.
- Estimate of cement strength at time of csg test was 1200 PSIG.
- Actual time cmt in place prior to starting test was 12 hrs.

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

IGNED *J. De Luna* TITLE Dist. Drlg. Supt. DATE 4/4/78

FOR RECORD ONLY *J. A. Gresset* TITLE SUPERVISOR, DISTRICT II DATE APR - 7 1978

CONDITIONS OF APPROVAL, IF ANY: