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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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MAR 17 1978

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL C-101, FOR C-102 PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	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 L, 1575 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 34 TOWNSHIP 17S RANGE 28E N.M.P.M.
5. Elevation (Show whether DF, RT, GR, etc.)	3658.4' GR

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-2071
7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Farm or Lease Name	Empire Abo Unit "G"
9. Well No.	332
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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPERARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☒
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☒ Surface
OTHER ☐	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 @ 7:00 PM 3/12/78. Fin drlg 11" hole to 750' @ 10:15 AM 3/13/78. Circ & ckd water flow 10:15 am to 5:00 pm 3/13/78, flow decr to 1 BPM. RIH w/8-5/8" OD 24# K-55 8rd csg set @ 750'. FC @ 655', pkr @ 425' & SC @ 379'. Cmt'd in 2 stages. 1st stage cmt'd w/10 BFW, 140 sx Thik-set cmt, 100 sx Cl C w/2% CaCl & 6# salt. BP & set pkr w/1500#. 2nd stage cmt'd w/10 BFW, 140 sx Cl C cont'g 4% gel, 2% CaCl, 6# salt/sk & 1/4# flocele/sk & 100 sx Cl C cont'g 2% CaCl, 6# salt/sk. BP & closed stage collar @ 8:17 pm 3/13/78. Circ 25 sx cmt to pit on 1st stage & circ 40 sx cmt to pit on 2nd stage. WOC 8 hrs. The compressive strength criterion for cmtg in accordance w/OCC Rules & Regulations under option 2 is furnished as follows:

- The 1st stage cmt volume was 185 cu ft of Thik-set cmt, 132 cu ft of Cl C cont'g 2% CaCl & 6# salt. Circ 33 cu ft to pit. The 2nd stage cement volume was 237 cu ft of Cl C cmt cont'g 4% gel, 2% CaCl, 6# salt/sk, 1/4# flocele/sk followed by 132 cu ft of Cl C cmt cont'g 2% CaCl & 6# salt/sk. Circ 53 cu ft to pit.
- Approximate temperature of cmt slurry when mixed was 75°F.
- Estimated minimum formation temperature in zone of interest was 66°F.
- Estimate of cement strength @ time of csg test was 1300 PSIG.
- Actual time cement in place prior to starting test was 8 hrs.

Pressure tested csg to 1000# 30 mins OK.

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

SIGNER John Hunt TITLE Dist. Drlg. Supt. DATE 3/16/78

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE MAR 20 1978

CONDITIONS OF APPROVAL, IF ANY: