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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 20 1977

O. C. C.
ARTESIA, OFFICE

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

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. Farm or Lease Name	
Empire Abo Unit "H"	
9. Well No.	
293	
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 DRILL OR TO REEVALUATE OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. Name of Operator
Atlantic Richfield Company

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

3. Location of Well

UNIT LETTER M 1249 FEET FROM THE South LINE AND 50 FEET FROM
THE West LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3671.4' GL

16. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

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 @ 5:00 PM 3/16/77. Finished drlg 11" hole to 550' @ 10:45 AM 3/17/77. No loss circ. Ran 8-5/8" OD 24# K-55 ST&C csg w/FS & FC, set csg @ 550'. FC @ 475'. Cmt'd 8-5/8" csg w/ 200 sx Cl C cont'g 4% gel, 2% CaCl, 6# salt & 1/4# flocele/sk followed by 100 sx Cl C cont'g 2% CaCl & 6# salt/sk. Bumped plug w/600# @ 3:45 PM 3/17/77. Circ 58 sx cmt to pit. VOC 13 1/2 hrs. Press tst'd csg w/1000# 30 mins OK. Began drlg new fm @ 5:15 AM 3/18/77. Surface csg was cmt'd in accordance w/NMOCC Option No. 2. The following compressive strength criterion is furnished for cmtg in this manner:

1. Volume of cmt slurry was 338 cu ft of Cl C cmt cont'g 4% gel, 2% CaCl, 6# salt & 1/4# flocele/sk followed by 132 cu ft of Cl C cmt cont'g 2% CaCl & 6# salt/sk. Circ 77 cu ft to pit. Circ to surf.
2. Approximate temperature of cmt slurry when mixed was 78°F.
3. Estimated minimum formation temperature in zone of interest was 67°F.
4. Estimate of cement strength at time of csg test was 2300# PSIG.
5. Actual time cmt was in place prior to starting test was 13 1/2 hrs.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 4/18/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT H DATE APR 21 1977

CONDITIONS OF APPROVAL, IF ANY: