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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUL 28 1977

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
647-320
647-363 647-368

SUNDARY NOTICES AND REPORTS ON WELLS, OFFICE

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" (FORM C-101, FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

2. Name of Operator
Atlantic Richfield Company

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

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

9. Well No.
372

4. Location of Well
UNIT LETTER D 100 FEET FROM THE North LINE AND 1291.14 FEET FROM
THE West LINE, SECTION 35 TOWNSHIP 17S RANGE 28E NMPM.

10. Field and Pool, or Wildcat
Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.)
3681.1' GL

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
TEMPORARILY ABANDON
PULL OR ALTER CASING
OTHER

PLUG AND ABANDON
CHANGE PLANS

REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOB Surface
OTHER

ALTERING CASING
PLUG AND ABANDONMENT

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 @ 1:00 PM 7/13/77. Drld to 425', lost circ. Mixed 150 Bbls LCM, no returns. Drld to 750' w/o returns. Fin 11" hole @ 11:30 AM 7/14/77. RIH w/8-5/8" OD 24# K-55 csg, set @ 750'. FC @ 663'. Cmtd 8-5/8" OD csg w/30 BFW cont'g 5 sx celloflakes followed by 300 sx Cl C cmt cont'g 4% gel, 2% CaCl, 1/4# flocele, 6# salt/sk, 5# Kolite/sk followed by 100 sx Cl C cont'g 2% CaCl. Bumped plug w/750# @ 3:30 PM 7/14/77. Cmt did not circ. WOC 4 1/2 hrs. Dumped 9 yds Redi-mix behind 8-5/8" csg. WOC 1 1/2 hrs. Dumped 4 yds Redi-mix to surf. WOC 15 1/2 hrs. Pressure tested csg to 1500# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations.

1. Volume of cmt slurry was 501 cu ft of Cl C cont'g 4% gel, 2% CaCl, 1/4# flocele, 6# salt/sk, 5# Kolite followed by 132 cu ft of Cl C cont'g 2% CaCl, plus 13 yds Redi-mix.
2. Approx temp of cmt slurry when mixed was 80° F.
3. Estimated minimum formation temperature in zone of interest was 69° F.
4. Estimate of cmt strength was 2200 PSIG.
5. Actual time cmt in place prior to testing was 15 1/2 hrs.

Commenced drlg new formation @ 8:00 AM 7/15/77.

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

DRG. [Signature] TITLE Dist. Drlg. Supt. DATE 7/26/77
 APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUL 28 1977

CONDITIONS OF APPROVAL, IF ANY: