NO. OF COPIES RECEIVED	3	
DISTRIBUTION		
SANTA FE	/	
FILE	/	✓
U.S.G.S.		
LAND OFFICE		
OPERATOR	/	

RECEIVE
NEW MEXICO OIL CONSERVATION COMMISSION

AUG 10 1977

O. C. C.
ARTESIA, OFFICE

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL [X] GAS WELL [ ] OTHER- ✓

2. Name of Operator: Atlantic Richfield Company

3. Address of Operator: [illegible]

4. Location of Well: UNIT LETTER F, 1326 FEET FROM THE North LINE AND 2593 FEET FROM THE West LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: 647

7. Unit Agreement Name: Empire Abo Pressure Maintenance Project

8. Farm or Lease Name: Empire Abo Unit "F"

9. Well No.: 341

10. Field and Pool, or Wildcat: Empire Abo

11. Elevation (Show whether DF, RT, GR, etc.): 3673' GR

12. County: Eddy

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK [ ]
- TEMPORARILY ABANDON [ ]
- PULL OR ALTER CASING [ ]
- PLUG AND ABANDON [ ]
- CHANGE PLANS [ ]
- OTHER [ ]

SUBSEQUENT REPORT OF:

- REMEDIAL WORK [ ]
- COMMENCE DRILLING OPNS. [X]
- CASING TEST AND CEMENT JOB [X] Surface
- OTHER [ ]
- ALTERING CASING [ ]
- PLUG AND ABANDONMENT [ ]

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 @ 7:45 PM 7-22-77. Finished 11" hole to 750' @ 12:30 PM w/full returns. Run 8-5/8" OD 24# K-55 csg set @ 750'. FC @ 666'. Cmtd 8-5/8" OD csg w/225 sx Cl C w/4% gel, 1/4# celloflake, 10# Gilsonite, 6# salt/sk, 2% Ca Cl, followed 100 sx Cl C w/6# salt, 2% Ca Cl. PD w/600# @ 4:00 PM 7-28-77. Cmt circ. Circ 30 sx cmt to pit. WOC 13¼ hrs. Pressure tested csg to 1000# for 30 mins. Tested OK. Commenced drlg new fm. @ 5:15 AM 7-29-77. The cement strength criterion is furnished for cmtg by option 2 of the OCC rules & regulations as follows:

1. The volume of cmt slurry was 376 cu.ft. of Cl C cont'g 4% gel, 1/4# celloflake, 10# Gilsonite, 6# salt/sk, 2% CaCl, followed by 132 cu.ft. of Cl C cont'g 6# salt/sk & 2% CaCl. Circ. approx. 40 cu.ft. to pit.
2. Approximate temperature of cmt slurry when mixed was 79° F.
3. Estimated minimum formation temperature in zone of interest was 68° F.
4. Estimate of cmt strength @ time of csg test was 1800 PSIG.
5. Actual time cmt was in place prior to test was 12 hrs.

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

SIGNED [signature] TITLE _____ DATE August 2, 1977

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE AUG 11 1977

CONDITIONS OF APPROVAL, IF ANY: