DISTRIBUTION		
SANTA FE	/	
FILE	/	✓
U.S.G.S.		
LAND OFFICE		
OPERATOR	/	

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUN 20 1978

O. C. C.
ARTESIA, OFFICE

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

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

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

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.

OIL WELL [X] GAS WELL [ ] OTHER-

7. Unit Agreement Name: Empire Abo Pressure Maintenance Project

Name of Operator: Atlantic Richfield Company ✓

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

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

9. Well No.: 233

Location of Well: UNIT LETTER G, 2550 FEET FROM THE North LINE AND 2050 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E NMPM.

10. Field and Pool, or Wildcat: Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.): 3668.9' GR

12. County: Eddy

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

- REMEDIAL WORK [ ]
- ALTERING CASING [ ]
- COMMENCE DRILLING OPNS. [ ]
- PLUG AND ABANDONMENT [ ]
- CASING TEST AND CEMENT JOB [X] Production
- OTHER Log, Perf, Acidize & Complete [X]

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.

Fin drlg 7-7/8" hole to 6300' TD @ 4:15 AM 5/27/78. Ran GR-N, DLL-MSFL, CNL-FDC, BHC-VDL logs. RIH w/5-1/2" OD 14# K-55 csg, set @ 6300'. SC set @ 2998'. Cmtd 5-1/2" csg 1st stage w/325 sx Lite wt cmt followed by 500 sx RFC-2 cmt, bumped plug @ 4:45 AM 5/29/78 w/2100#. Opened SC @ 2998' & circ 3 hrs w/full returns. Cmtd 2nd stage w/500 sx Dowell Lite cont'g 8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt/sk & 2% CaCl. Cmt did not circ. TOC @ 1060' FS. Cmtd 1060' to surf w/3/4" tbg in 8-5/8" x 5-1/2" annulus w/100 sx Cl C cmt cont'g 2% CaCl. Circ 2 sx cmt to pit. WOC. RIH w/bit, drld SC @ 2998'. Press tstd csg to 1800# 30 mins OK. Circ hole clean & ran bit to 6247'. Spotted 200 gals 20% acetic acid 6100-5950'. RO & displ hole w/2% KCL TW @ 5980'. Cmt Bond Log indicated TOC @ 4263'. Ran TDT log, perf'd 6080-6096' w/2 JSPF. Ran 1 jt 2-3/8" OD tbg TP, Lok-set pkr on 208 jts 2-3/8" OD EUE tbg, set OE @ 6062' w/pkr @ 6028'. Loaded csg w/51 bbls 2% KCL TW. Trtd perfs 6080-96' w/300 gals 15% HCL-NE acid, 500 gals CaCl 10# wtr, 500 gals LC, 2000 gals 60/40 DAD, flushed w/18 BLC. Max 0#, Final 0#, 1-1/2 BPM inj on vac. Swbd & flwd 59 BO & 77 BW in 3 swab runs, 3/4" ck, TP 175#. On 24 hr potential test 6/7/78 flwd Abo perfs 6080-96', 513 BO, 0 BW & 576 MCFG on 30/64" ck, FTP 230#, GOR 1122:1. Final Report.

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 6/15/78

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUN 20 1978

CONDITIONS OF APPROVAL, IF ANY: