

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7833	

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - FORM C-101 FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		MAR 5 1979		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
2. Name of Operator Atlantic Richfield Company ✓		O.C.C.		8. Farm or Lease Name Empire Abo Unit "L"	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico		ARTESIA, OFFICE		9. Well No. 153	
4. Location of Well UNIT LETTER O, 90 FEET FROM THE South LINE AND 1456 FEET FROM THE East LINE, SECTION 2 TOWNSHIP 18S RANGE 27E N.M.P.M.				10. Field and Pool, or Wildcat Empire Abo	
15. Elevation (Show whether DF, RT, GR, etc.) 3585' 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐		
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐		
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER Squeeze Abo perfs, Complete lower treat same zone ☒		

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.

- Rig up on 1/23/79, kill well, install BOP & POH w/comp assy.
- RIH w/cmt retr, set retr @ 5992'.
- Squeeze cmt'd perfs 6056-76' w/150 sx Cl C, 6/10 Halad-9 & 75 sx Cl C cont'g 2% CaCl. RO 6 bbls cmt. WOC. Drill out retr. and cmt to 6086'. Press test squeeze job to 1500#.
- Drill out retr @ 6092' & cmt to 6269' PBD. Press test csg to 1500# for 30 mins. Tested OK.
- Ran CBL. Perf'd squeeze holes in Abo 6195-97' w/2 JSPF (4-.44" holes). RIH w/pkr on 2-3/8" OD tbg, set pkr @ 6184'. Established circ, POH w/pkr. RIH w/cmt retr, set retr @ 6184'. Squeeze perfs 6195-97' w/100 sx Cl C cmt cont'g 6/10 Halad-9 followed by 75 sx Cl C cmt cont'g 2% CaCl. Squeeze press 3000#. RO 72 sx cmt to pit. WOC. RIH w/CBL, bond OK.
- Perf'd lower in Abo 6140-50' w/2 JSPF. RIH w/pkr on 2-3/8" tbg, set pkr @ 6100' & acidized perfs 6140-50' w/1650 gals HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gals gelled LC. Swabbed & tested, in 7 hrs rec 0 BO, 35 BFW. POH w/pkr.
- RIH w/cmt retr, set retr @ 6125'. Squeeze cmt'd perfs 6140-50' w/100 sx Cl C contg 6/10% Halad-9 & 50 sx Cl C contg 2% CaCl, RO 3 bbls cmt.
- Perf'd Abo 6104-12' w/2JSPF. RIH w/Lok set pkr, set pkr @ 6100'. Acidized w/300 gals 15% HCL-LSTNE-FE, flushed w/oil sweat acid. Acidized perfs 6104-12' w/1500 gals gelled CaCl wtr, 1500 gal gelled oil, 1500 gal HCL-LSTNE-FE acid. Flwd 44 BO & 31 BW in 6 1/2 hrs. On 24 hr potential test 2/23/79 flwd 136 BO, 0 BW & 1010 MCFG. 245# FTP, 30/64" ck, GOR 7426:1.

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 District Drlg. Supt. DATE 02/27/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAR 5 1979

CONDITIONS OF APPROVAL, IF ANY: