

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☐	Fee ☐
5. State Oil & Gas Lease No. E-7832	

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.)

RECEIVED
MAR 9 - 1979
O.C.C.
ARTESIA, OFFICE

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "E"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		9. Well No. 363
4. Location of Well UNIT LETTER <u>A</u> <u>650</u> FEET FROM THE <u>North</u> LINE AND <u>120</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.		10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3673.5' GR		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 JOBS ☒ Prod	
		OTHER <u>Perf, Treat & Complete</u> ☒	

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.

Encountered water flow @ 1958' ARO 570 BPD. At 4042' wtr flow decreased to 270 BWP. At 4550' decr to 171 BWP. Fin drlg 7-7/8" hole to 6350' TD @ 11:30 PM 2/10/79. Ran DLL-M11, CDL-FDC w/caliper. Water flow @ 1958' decr to 57 BPD. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6350'. FC @ 6307', SC @ 3025'. Cmdt 1st stage w/10 bbls mud sweep, 400 sx Lite wt w/10# 20/40 sd, 5# 100 mesh sd/sk followed by 200 sx C1 H RFC w/2% CaCl. BP @ 4:45 AM 2/12/79. Op SC, circ 50 sx cmt to pit. Cmdt 2nd stage thru 2 2" lines from braden hd to control wtr flow w/350 sx Dowell Lite cmt w/8# salt/sk followed by 700 sx C1 C cmt w/8# salt/sk. BP & closed SC @ 10:28 AM 2/12/79. Closed valve on braden head. Circ 150 sx cmt to pit. WOC. Bradenhd press 875#, bled off press, had 114 BPD wtr flow. Ran CBL, found flow 1545-1550'. Perf'd squeeze holes 1544-1546'. Set cmt retr @ 1422', squeezed holes 1544-1546' w/125 sx C1 C cmt w/8/10 of 1% Halad-9 & 2% CaCl. Circ cmt out bradenhd. Closed BH & press to 1000#. RO 10 sx cmt. WOC. DO cmt retr & cmt. Press tstd perfs to 1500# 30 mins OK. Drld DV tool @ 3025'. Press tstd csg to 1500# 30 mins OK. Ran CBL, OK. Perf'd Abo 6260-6270' w/2 JSPF (20 1/2" holes). RIH w/pkr on 2-3/8" OD tbq, set pkr @ 6152'. Acidized perfs 6260-6270' w/2000 gal 10# CaCl wtr, 2000 gal gelled LC, 1650 gal 15% HCL-LSTNE-FE acid, flushed w/25 BLC. In 14 hrs flwd 5 BLO, 68 BNO, 50 BLW & 16 BFW, FTP 110#, 18/64" ck. On 24 hr potential test 3/3/79 flwd 520 BO, 0 BW & 205 MCFG, 120# FTP, 48/64" ck, GOR 394:1.

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 3/7/79

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR 12 1979

CONDITIONS OF APPROVAL, IF ANY: