

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

O. 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	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
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.)

RECEIVED

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>
2. Name of Operator
ARCO Oil & Gas Company
Division of Atlantic Richfield Company
3. Address of Operator
Box 1710, Hobbs, New Mexico 88240
4. Location of Well
UNIT LETTER J 2200 FEET FROM THE South LINE AND 1450 FEET FROM
THE East LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "G"
9. Well No.
352
10. Field and Pool, or Wildcat
Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.)
3662.2' GR
12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>
OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>
OTHER <input type="checkbox"/>
SUBSEQUENT REPORT OF:
REMEDIAL WORK <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> Production
OTHER Log, Perf, Treat & Complete <input checked="" type="checkbox"/>

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.

On 4/24/79 encountered water flow in 7-7/8" hole @ approx 2200' ARO 10 gal/min. On 4/25/79 water flow decreased to 5 gal/min. Fin drlg to 6351' TD @ 7:15 PM 5/4/79. Water flow @ TD 6 gal/min, no lost circ. Ran GR-CNL-FDC w/caliper, DLL-RXO. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6351'. FC set @ 6308', DV tool set @ 3021'. Cmt'd 1st stage w/550 sx Howco lite w/2% CaCl followed by 200 sx Cl C Thik-set w/2% CaCl. Circ 92 sx on 1st stage. Cmt'd 2nd stage thru DV tool @ 3021' w/ 950 sx Cl C Thik-set w/2% CaCl. Circ out 99 sx cmt on 2nd stage. PD @ 4:30 AM 5/6/79. WOC 72 hrs. RIH w/bit, DO DV tool @ 3021'. Pressure tested csg to 1000# 30 mins. Ran CBL, OK. Perf'd Abo 6214-6234' w/2 JSPF. Acidized perfs w/150 gals HCL-LSTNE-FE acid, 1000 gal 10# gelled CaCl wtr, 1000 gal gelled LC, 1000 gal 15% HCL-LSTNE-FE acid. Swbd 45 BO & 6 BW, SITP 200#. Opened to test tank on 10/64" ck, flwd 25 BO in 14 hrs. FTP 125#. On 24 hr potential test 5/25/79 flwd 526 BO, 0 BW & 249 MCFG, 95# FTP on 48/64" ck, GOR 473:1. Final Report.

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

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5/31/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>JUN 1 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		