

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 12-1-78

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANTA FE	/
FILE	/
U.S.G.B.	
LAND OFFICE	
OPERATOR	/

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7116	

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

APR 25 1979

1. OIL ☒ GAS ☐ OTHER ☐		7. Unit Agreement Name
2. Name of Operator		6. Field or Lease Name
ARCO Oil and Gas Company Division of Atlantic Richfield Company		Empire Abo Pressure Maintenance Project
3. Address of Operator		9. Well No.
Box 1710, Hobbs, New Mexico 88240		34
4. Location of well		10. Field and Pool, or Wellnet
UNIT LETTER <u>C</u> .1954.48 FEET FROM THE <u>West</u> LINE AND <u>971.95</u> FEET FROM		Empire Abo
THE <u>North</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		
11. Elevation (Show whether DF, RT, GR, etc.)		12. County
3659' GR		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 ☐	
		OTHER <u>Squeeze Cmt, Perf Lower in Reef</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.

RU 1/31/79. POH w/compl assy. RIH w/cmt retr, set retr @ 5965'. Squeezed perms 6107-6137' w/ 150 sx LWL cmt & 75 sx C1 C cmt cont'g 2% CaCl & 14 sx C1 C @1800#. RO 60 sx cmt. WOC. Drld cmt & retr @ 5965' & CO to 6168'. Press test squeeze job to 1500# 30 mins OK. CO to 6215' TD. Ran CBL, OK. Perf'd Abo lower 6186-6196'. RIH w/dbl grip pkr on 2-3/8" tbg. Acidized Abo perms w/ 150 gals 15% HCL-LSTNE-FE acid, 2000 gals gel LC, 1500 gals 15% HCL-LSTNE-FE, flushed w/25 BLO. POH w/pkr & tbg. RIH w/RBP, set BP @ 6174'. Set cmt retr @ 5977'. Squeezed Abo perms 6107-37' w/75 sx LWL cmt & 50 sx C1 C cmt w/2% CaCl. Squeeze press 1500#. RO 83 sx cmt to pit. WOC. DO retr & cmt, washed sd off BP. Pressure tested squeeze job to 1500# 30 mins OK. POH w/RBP @ 6174'. Set Baker Model R pkr @ 6174'. Swbd 25 BLO, 34 BNO, 44 BLW in 8 hrs. On 3/18/79 flwd 45 BO, 3 BW on 18/64" ck. Installed down hole pumping equipment. On 24 hr potential test 4/20/79 pmpd Abo perms 6186-6196' 75 BO, 40 BW & 93 MCFG, 11/64" spm, GOR 1240:1. Final Report.

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

SIGNED L. R. Lave TITLE Dist. Drlg. Supt. DATE 4/23/79

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 27 1979

CONDITIONS OF APPROVAL, IF ANY: