

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATION	1

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

RECEIVED

NOV 1 1979

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

647

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "G"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 32
4. Location of Well UNIT LETTER I 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E N.M.P.M.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3659' Tbg Hd	12. County Eddy

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 Squeeze Cmt Perfs, Perf Lower in Reef & Treat ☒	

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 9/13/79, killed well, POH w/comp assy. Set CIBP @ 6285'. Set cmt retr @ 6065'. Squeezed perfs 6144-6180' w/125 sx LWL cmt & 50 sx Cl C cmt w/2% CaCl. Final Squeeze press 2500#. RO 70 sx cmt. WOC. Ran CBL-CCL 3000' to surf. Perf'd @ 2470' w/4 JS. RIH w/cmt retr, set retr @ 2409'. Pmpd 615 sx Cl C cmt w/2% CaCl thru perfs @ 2470'. No cmt to surf. Ran temp survey, found cmt 450' FS. WOC. Drld cmt & cmt retr @ 2409'. Press tested csg to 1500# 30 mins OK. Ran CBL 6285-4285'. Perf'd lower in Abo 6257-6277' w/2 JSPF. RIH w/pkr, set pkr @ 6221'. Pmpd 5 bbls acid w/2000#. Final press 800#. Dropped to 0#, went on vacuum. POH w/tbg & pkr. RIH w/BP, pkr, set BP @ 6221', set pkr @ 6079'. Spotted 150 gals acid into perfs 6144-80'. RIH w/cmt retr. Set retr @ 6079'. Pmpd 85 sx cmt, squeeze press 2500#. RO 20 sx cmt. WOC. Drld out cmt & cmt retr. Pressure tested squeeze job to 1500# 30 mins OK. Rec BP @ 6221'. RIH w/pkr & tbg, set pkr @ 6220'. Spotted 300 gals acid followed by KCL wtr. Pmpd in w/1500#, no break dn of fm. POH w/tbg & pkr. Perf'd 6257-77' w/2 JSPF. RIH w/pkr on tbg, set pkr @ 6220'. Trtd perfs 6257-77' w/150 gals acid, 1500 gals gelled CaCl wtr, 1500 gals gelled LC, 1500 gals 15% HCL-LSTINE-FE acid, flushed w/LC. Swbd 57 BO. Made 1 swab run, kicked off flwg. Flwd 30 BO in 2 hrs. On 24 hr test 10/29/79 pmpd 74 BO, 5 BW & 82 MCFG on 8-120" spm. GOR 1108:1. 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 10/30/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE NOV 2 1979

CONDITIONS OF APPROVAL, IF ANY: