

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2083

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

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DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-2029

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 - 1 (FORM C-101) FOR SUCH PROPOSALS.)

RECEIVED

1. CIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company	Empire Abo Pressure Maintenance Project
3. Address of Operator	8. Farm or Lease Name
Box 1710, Hobbs, New Mexico 88240	Empire Abo Unit "I"
4. Location of Well	9. Well No.
UNIT LETTER D 663.5 FEET FROM THE North LINE AND 550.3 FEET FROM	29
THE West LINE, SECTION 4 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat
	Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3661.8' GR	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, Complete Lower in Reef ☒	

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 11/14/79, killed well, installed BOP, POH w/comp1 assy. RIH w/cmt retr, set @ 6025'. Squeeze cmtd Abo perfs 6124-52' w/100 sx LWL cmt & 50 sx C1 C w/2% CaCl. Perf'd 2 holes @ 2330'. Set cmt retr @ 2270'. Squeezed perfs w/150 sx C1 C cmt. WOC. DO retr & cmt, press tested squeezed perfs 2330' w/1500# 30 mins OK. DO retr @ 6025', press tested csg to 1500# 30 mins OK. Perf'd Abo 6216-6226' w/2 JSPF. RIH w/pkr & tbq, set pkr @ 6065'. Acidized perfs 6216-6226' w/1500 gals gelled LC, 1500 gals 15% HCL-LSTNE-FE, 25 BLC. Swbd back load, no new oil. POH w/pkr & tbq. Set cmt retr @ 6180'. Squeeze cmtd perfs 6216-26' w/50 sx LWL cmt followed by 50 sx C1 C cmt, WOC. DO cmt & retr, press tested squeeze job to 1500# 30 mins, found perfs 6124-52' leaking pressure. Set cmt retr @ 6096'. Squeeze cmtd Abo perfs 6124-52' w/50 sx LWL cmt & 50 sx C1 C cmt. WOC. DO retr & cmt to 6200'. Press tested squeeze job to 1500#. Press dropped to 900# in 20 mins. RIH w/retr, set @ 6067'. Squeeze cmtd perfs 6124-52' w/140 sx C1 C w/2% CaCl. WOC. DO retr & cmt to 6152', ran bit to 6200' PBD. Press tested squeeze job to 1500# 30 mins OK. Perf'd Abo 6172-80' w/2 JSPF. Acidized w/500 gals 15% LSTNE-FE HCL acid w/C-15 db1 inhib & J4A emulsifier, flushed w/25 BLC. Swbd back load. On 12/24/79 swbd 2 BO & 31 BW in 8 hrs, TP 160#. RIH w/191 jts 2-3/8" OD tbq OE. Inst WH & valve in tbq. Displ hole w/corrosion inhibited 2% KCL wtr. Shut in & temporarily abandoned eff 1/2/80.

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 1/7/80

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JAN 10 1980

CONDITIONS OF APPROVAL, IF ANY: