

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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LAND OFFICE	
OPERATOR	1

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 A WELL OR TO REPAIR OR REEQUIP A WELL. USE APPLICATION FOR PERMIT - "A" (FORM C-101) FOR PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
3. Address of Operator Box 1710, Hobbs, N.M. 88240	8. Farm or Lease Name Empire Abo Unit "H"	9. Well No. 32
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>East</u> LINE AND <u>990</u> FEET FROM THE <u>South</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.	10. Field and Pool, or Wildcat Empire Abo	12. County Eddy
15. Elevation (Show whether DF, RT, GR, etc.) 3661' GR		

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER Squeeze Cmt & Complete Lower in Abo Reef

SUBSEQUENT REPORT OF:

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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 6/28/79, killed well, installed BOP & POH w/compl assy. RIH w/retr, set retr @ 6038'. Stung into retr w/tbg, cmtd perfs 6154-6182' w/125 sx LWL cmt & 50 sx Cl C w/2% CaCl. RO 21 bbls cmt. Squeeze press 2000#. WOC. DO cmt & cmt retr @ 6038'. CO hole to 6324'. Pressure tested csg to 1000# 30 mins OK. Ran CBL. Perf'd Abo 6260-6270' w/2 JSPF. RIH w/Lok-set pkr, set pkr @ 6212'. Circ hole w/2% KCL wtr w/C-198 corrosion inhibitor. Spotted 30 gals 15% HCL-LSTNE acid across perfs. Pmpd 270 gals 15% HCL-LSTNE acid into perfs 6260-6270'. Swbd 0 BO & 25 BW in 4 runs. POH w/pkr & tbg. RIH w/pkr on 2-3/8" tbg, set pkr @ 5965'. Cmtd perfs 6260-70' w/50 sx LWL cmt & 50 sx Cl C cmt w/2% CaCl. RO 35 sx cmt. WOC. RIH & tagged cmt @ 5904', drld cmt to 6255'. Press tested squeeze job to 1000# 30 mins OK. Perf'd Abo 6239-6249' w/2 JSPF. RIH w/Lok-set pkr, set pkr @ 6198'. Spotted 100 gals 15% HCL-LSTNE-FE acid across perfs. Pmpd 400 gals 15% HCL-LSTNE-FE acid w/24 BLC. Swbd 23 BO & 32 BW in 4 hrs. Rel pkr, POH w/pkr & tbg. RIH w/pkr on 2-3/8" O tbg, set pkr @ 6053'. Pmpd 50 sx LWL cmt. Final squeeze press 3000#. RO 32 sx cmt. WOC. Drld cmt, rubber & retr to 6228', no cmt in perfs. RIH w/retr, set @ 6230'. Pmpd 75 sx LWL cmt & 25 sx Cl C cmt w/2% CaCl into perfs 6239-49'. PU hole w/pkr to 4870'. Dumped 22 bbls cmt above ret squeezed perfs 6154-82'. SION w/800# on csg. WOC. Drld cmt 4078-6230'. Press tested csg to 1500# 30 mins OK. Perf'd Abo 6212-6224'. RIH w/Lok-set pkr on 2-3/8" OD tbg. Acidized perfs 6212-6224' w/500 gals 15% LSTNE-FE acid, flushed w/1000 gal LC. Swbd 2 BO, 103 BFW in 9 hrs. TP 20#. In 10 1/2 hrs swbd 0 BO, 140 BFW. POH w/Lok-set pkr. RIH w/Mod K cmt retr, set @ 6200'. Squeezed perfs 6212-6224' w/75 sx Cl C cmt, 1 sk cmt on top of retr. RO 54 sx cmt to pit. POH w/tbg, installed wellhead. Well TA eff 8/19/79. 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 8/21/79APPROVED BY [Signature]TITLE SUPERVISOR DISTRICT 2DATE AUG 24 1979

CONDITIONS OF APPROVAL, IF ANY: