

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
APR 29 1981

O. C. D.
ARTESIA, OFFICE

Form C-103
Revised 10-1-78

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.)

OIL WELL ☒ TA GAS WELL ☐ OTHER-		3a. Indicate Type of Lease State ☒ Fee ☐
Name of Operator ARCO Oil & Gas Co. Division of Atlantic Richfield Co.		5. State Oil & Gas Lease No. E-7832
Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
Location of Well UNIT LETTER <u>A</u> <u>620</u> FEET FROM THE <u>North</u> LINE AND <u>1200</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		8. Form or Lease Name Empire Abo Unit "E"
15. Elevation (Show whether DF, RT, GR, etc.) 3671.6' GR		9. Well No. 361
12. County Eddy		10. Field and Pool, or Whdcat Empire Abo

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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 <u>Deepen, log, run liner, cmt, perf,</u> ☒ <u>treat, TA</u>	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 1503.

On 3-15-81 rigged up, killed well, installed BOP & POH w/comp assy. Drld 4-3/4" hole 6236-6275' TD. Ran Comp Neutron, GR 6267-4267'. Under reamed hole 6233-6273.5' to 8-1/2". POH w/reamer. RIH w/Float Shoe, 202' 4" 11.6# FJ Hydril liner, liner hanger. SET TOL @ 6058', BOL @ 6275'. Cmted liner w/75 sx Cl C cont'g 6/10 of 1% Halad 9 & 2/10 of 1% FR., pack off liner, rev out 18 sx cmt. WOC. RIH w/bit drill out cmt 6239-6272'. Press tested csg & liner to 1500# for 30 mins. OK. Circ hole w/pkr fluid, spot 100 gals 15% LST-NE-FE acid, rev acid off TOL @ 6058'. Ran GR-CBL. Perforated 4" csg liner 6228-6236'. RIH w/5-1/2" pkr, spot 100 gals 15% LST-NE-FE acid across perfs, set pkr @ 6026' w/TP @ 6215' fmn broke w/3400 PSIG, pmpd 1000 gals LO, 900 gals 15% HCL-LST NE-FE acid flushed w/ 25 BLO. On 4-14-81 flowed perfs 6228-6236' 8 hrs, rec 12 BLO, 19 BLW, large flow gas. POH w/pkr. RIH w/ model "H" cmt retr, set retr @ 6206'. Squeezed perfs 6228-6236' w/140 sx Cl "C" cmt w/2% CaCl₂, PO of retr, spot 6 sx Cl C cmt on top of retr. Circ csg w/150 bbls pkr fluid, POH w/tbg. Installed well head on 4-18-81. TA effective 4-18-81. Attempt to lower GOR unsuccessful.

FINAL REPORT.

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

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 4-21-81

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE MAY 05 1981

CONDITIONS OF APPROVAL, IF ANY: