

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-5313
7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "L"
9. Well No.
133
10. Field and Pool, or Wildcat
Empire Abo
12. County
Eddy

SUNDRY NOTICES AND REPORTS ON WELLS MAY 2, 1979
(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 ☒ GAS WELL ☐ OTHER ☐

Name of Operator ARCO Oil & Gas Co. ARTESIA, OFFICE

Address of Operator 2100 Atlantic Richfield Co.

Box 1710, Hobbs, New Mexico 88240

Location of well

UNIT LETTER M 800 FEET FROM THE South LINE AND 950 FEET FROM

THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3518.5' GR

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
ULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☒ Prod Csg	
OTHER <u>Directional Survey, Log, Perf, Treat</u> ☒	& Complete

7. 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.

Fin drlg 7-7/8" hole to 3700' @ 11:30 PM 3/23/79. Commenced drlg w/dynadrill @ 2:15 PM 3/25/79 directional hole. Ran Multi and single shot surveys from surface to TD. Fin drlg 7-7/8" hole to 6135' TD @ 7:30 PM 4/2/79. Ran CDL, CNL, DLL & MLL. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6135'. FC @ 6091', DV tool @ 3999'. Cmdt 1st stage w/200 sx C1 C cmt 65/35 poz, 6% gel, 1/4# celloflake, 2% CaCl & 200 sx RFC. PD @ 11 PM 4/3/79. Circ 40 sx cmt to pit. Cmdt 2nd stage thru DV tool @ 3999' w/850 sx C1 C cmt, 65/35 poz-3, 8# salt/sk, 1/4# celloflake, 2% CaCl & 100 sx C1 C cont'g 2% CaCl. PD @ 3 AM 4/4/79. Circ 120 sx cmt to pit. WOC 72 hrs. DO DV tool @ 3999', drld FC @ 6091'. CO to 6106'. Pressure tested csg to 1500# 30 mins OK. Ran CBL OK. Perf'd Abo 6072-6092' w/2 JSPF. RIH w/pkr on 2-3/8" OD tbq, set pkr @ 5986'. Acidized perfs 6072-6092' w/1000 gals gelled 10# CaCl wtr, 1000 gal gelled LC, 1500 gal 15% HCL-LSTNE-FEA. In 5-1/2 hrs swbd 35 BO, 24 BW, SITP 60#. Swbd & flwd 45 BNO & 5 BLW in 8 hrs. SITP 110#. On 24 hr potential test 4/25/79 flwd 96 BO, 0 BW & 148 MCFG, 100# FTP, on 48/64" ck, GOR 1542:1. Final Report.

8. 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 4/27/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY - 3 1979

CONDITIONS OF APPROVAL, IF ANY: