

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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

3a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-8814-12	
7. Unit Agreement Name	
Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name	
Empire Abo Unit "K"	
9. Well No.	
143	
10. Field and Pool, or Wildcat	
Empire Abo	
12. County	
Eddy	

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 ☒	GAS WELL ☐	OTHER ☐
Name of Operator		
ARCO Oil & Gas Company ✓		
Division of Atlantic Richfield Company		
Address of Operator		
Box 1710, Hobbs, New Mexico 88240		
Location of Well		
UNIT LETTER	K	1820
FET	South	2550
LINE AND	2	18S
RANGE	27E	NMPM.

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

3533' GR

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

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐
COMMENCE DRILLING OPNS.	☐
CASING TEST AND CEMENT JOB	☒
OTHER	☒
ALTERING CASING	☐
PLUG AND ABANDONMENT	☐
Prod Csg	☒
Log, DST, Perf, Cmt Squeeze, Perf, Treat & 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.

On 4/30/79 lost circ @ 5935'. Spotted 500 gals Safe Mark III @ 5925'. RIH w/bit & finished drlg 7-7/8" hole to 6108' @ 11 AM 5/1/79. Ran GR-DLL w/RXO, GR-CNL/FDC, GR w/caliper. DST #1 Abo 5727-5754', 1.3 MMCFG. DST #2 Abo 5648-5673', 6.8 MMCFG, no fluid. DST #3 Abo 5781-5806', 2.8 MMCFG, no fluid. DST #4 Abo 5861-5886', 4 MMCFG, no fluid. RO, no oil. POH w/test tools. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6107'. FC @ 6062'. DV tool @ 3975'. Cmdt 1st stage w/175 sx lite cmt w/1/4# flocele/sk, 5# gilsonite/sk & 200 sx RF cmt. No cmt circ thru DV tool. Cmdt 2nd stage w/850 sx Lite cmt w/1/4# flocele, 5# Gilsonite/sk & 2% CaCl. PD @ 5:15 PM 5/4/79. MP 2200#. Circ 150 sx cmt. WOC 72 hrs. Drld DV tool @ 3975'. Press tstd csg to 1500# 30 mins OK. CO to 6062' PBD. Ran GR-CBL. Perf'd Abo 5910-5925' w/2 JSPF. RIH w/Model R dbl grip pkr on 2-3/8" OD tbg, set pkr @ 5811'. Trtd Abo perfs 5910-5925' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gal CaCl wtr, 1000 gal gel LC, 1000 gal 15% HCL-LSTNE-FE, flushed w/20 BLC. Swbd 20 BO, well kicked off flwg. Flwd 65 BO, 4 BW on 48/64" ck in 14 1/2 hrs. FTP 375#. Flwd 50 BO & 7 BW, gas not meas in 10 hrs. POH w/tbg & pkr. RIH w/cmt retr, set @ 5809'. Squeezed Abo perfs w/75 sx LWL cmt & 50 sx Cl C w/2% CaCl. WOC. Drld retr @ 5809' & cmt below retr to 5925'. Press tstd perfs to 1500# 30 mins OK. Drld FC & CO to 6097'. Perf'd Abo 6070-6090' w/2 JSPF. RIH w/pkr & 2-3/8" tbg, set pkr @ 5996'. Trtd perfs 6070-6090' w/150 gals 15% NELST-HCL acid, 1000 gal CaCl wtr, 1000 gal gelled LC, 2000 gal acid, flushed w/24 BO. In 4 hrs swbd 40 BO & 30 BW. On 24 hr potential test 5/25/79 flwd 457 BO, 0 BW & 249 MCFG, 100# FTP, 48/64" ck, GOR 545:1. Final Report.

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

ISSUED	<i>[Signature]</i>	TITLE	Dist. Drlg. Supt.	DATE	5/30/79
APPROVED BY	<i>[Signature]</i>	TITLE	SUPERVISOR, DISTRICT II	DATE	JUN 4 1979
CONDITIONS OF APPROVAL, IF ANY:					