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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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AUG 24 1978

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. K-2715
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "K"
9. Well No. 231
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

SUNDY 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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER-
ARTESIA, OFFICE

2. Name of Operator
Atlantic Richfield Company ✓

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER J 1700 FEET FROM THE South LINE AND 2350 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3649.3' GR

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Prod Csg	OTHER Log, Perf, Acidize & Complete <input checked="" type="checkbox"/>

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.

Fin drlg 7-7/8" to 6350' @ 12:15 PM 8/2/78. Ran GR-N, CNL-FDC w/caliper, DLL-RXO, Sonic-VDC logs. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6350', FC @ 6306', DV tool @ 3987'. Cmdt 5-1/2" OD csg in 2 stages. 1st stage cmdt w/25 bbls mud wash, 250 sx Halco Lite w/10# 20/40 sd/sk & 5# 100 mesh sd/sk followed by 200 sx C1 C Thik-set cmt. PD @ 1:30 AM 8/4/78. Op DV tool & circ out 48 sx to pit. Cmdt 2nd stage w/ 975 sx Halco Lite cont'g 8# salt/sk followed by 100 sx C1 C cont'g 8# salt/sk. PD @ 6:45 AM 8/4/78. Circ 76 sx cmt to pit. WOC 72 hrs. Drld DV tool @ 3987'. Press tstd csg to 1500# 30 mins OK. Displ csg w/2% KCLW & 5 gal/100 bbls C-198. Spotted 20% acetic acid 6230-6140', rev out excess acid. Ran CBL, good bond 6264-6146'. Perf'd Abo 6210-6230' w/2 JSPF (40 - .51" holes). RIH w/pkr & 2-3/8" OD EUE tbg, set pkr @ 6086'. Ran base GR-temp log. Acidized Abo perfs 6210-30' w/300 gals 60/40 15% HCL-LSTNEA/xylylene, tagged w/RA mat'l, flushed w/18 BLC. In 15 hrs flwd 185 BO, 0 BW & 191 MCFG on 32/64" ck, 130# FTP. GOR 1033:1. On 24 hr potential test 8/14/78 flwd Abo perfs 6210-30' 448 BO, 0 BW & 405 MCFG on 32/64" ck, FTP 200#. GOR 904:1. Final Report.

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

SIGNED W. A. Gressett TITLE Dist. Drlg. Supt. DATE 8/23/78

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE AUG 25 1978

CONDITIONS OF APPROVAL, IF ANY: