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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 18 1976

O. C. C.
ARTESIA, OFFICE

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

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-2071

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPERFORATE OR TO PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company ✓	8. Farm or Lease Name Empire Abo Unit "G"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 331
4. Location of Well UNIT LETTER <u>L</u> <u>1140</u> FEET FROM THE <u>West</u> LINE AND <u>1580</u> FEET FROM THE <u>South</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3667.3' GR	12. County Eddy

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

NOTICE OF INTENTION TO:

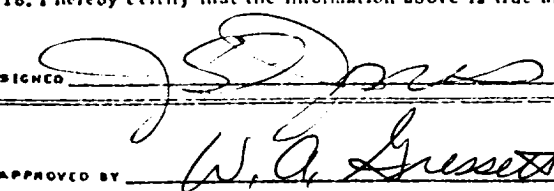
SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒ Prod Csg	Coring, logging ☒

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.

Finished drlg 7-7/8" hole to core depth 6090' @ 3:30 AM 5/29/76. WIH w/core bit & reamed hole 5875-6090', circ 1/2 hr & cut Core #1, 6090-6120', cut 30' core & rec 30'. Clean Dolomite w/pinpoint porosity & small vugs. Core #2, 6120-6150'. POH w/Core #2, cut 30', rec 30'. Clean Dolomite w/pinpoint porosity & small vugs. WIH w/7-7/8" bit & started drlg hole @ 5:30 AM 5/31/76. Reached TD 6400' @ 9:15 AM 6/1/76. Circ hole & ran GR-Neutron Dual Laterolog w/RXO & Caliper, cond hole & LD DP. Ran 6173' of 5 1/2" OD 14# K-55 csg on top & 226' of 5 1/2" OD 15.5# K-55 csg on btm, set @ 6399', FC @ 6364', stage tool @ 4002'. Cmtd Stage #1 by pmpg 10 bbls SAM-4 spacer followed by 25 BFW ahead of 575 sx 50/50 Pozmix Cl C cmt cont'g 8# salt/sk, 2% gel, .6% CFR-2 & 5#/sk Gilsonite. Plug down @ 2:00 PM 6/2/76. Opened DV tool & circ 6 hrs. Circ 65 sx to surf. Stage #2, pmpd 50 BFW & 20 sx thin cmt ahead of 1150 sx light cmt cont'g 8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt/sk. Circ 90 sx cmt to pit. Closed DV tool. Plug dn @ 9:50 PM 6/2/76. NU well hd. On 6/2/76 WIH w/bit on 2-3/8" tbg & drld DV tool @ 4002', found PBD @ 6370'. Press tstd 5 1/2" csg to 1000# 30 mins OK. POH w/bit & tbg. Ran CBL w/GR Neutron Corr 6371-5350'. POH w/logging tools. Perf'd Abo 6166-84' w/2 - 0.45" JSPF. RIH w/compl assy as follows: 1 jt 2-3/8" OD EUE tbg, 1 Lok-set pkr w/on-off tool w/1.81" profile, 1 jt 2-3/8" OD EUE tbg w/1.81" F" nipple on 198 jts 2-3/8" OD EUE 8rd J-55 4.7# tbg, pkr set @ 6071', tbg @ 6100'. NU well hd on 6/9/76. Trtd Abo perfs 6166-84' w/5000 gal 15% HCL-LSTNE acid w/FE sequestrant. MP 2700#, Min 700#, ISIP vac. On 24 hr potential test 6/12/76 well flwd 700 BO, 0 BW & 349 MCFG on 48/64" ck, 130# FTP, GOR 499:1. Final Report.

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

SIGNED 	TITLE <u>Dist. Drlg. Supv.</u>	DATE <u>6/16/76</u>
APPROVED BY <u>W. A. Gressett</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>JUN 18 1976</u>
CONDITIONS OF APPROVAL, IF ANY:		