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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

SEP 23 1977

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.	
647	

SUNDRY NOTICES AND REPORTS ON WELLS	
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR RE-OPEN EXISTING RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL OR TO RE-OPEN EXISTING RESERVOIR.	
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	
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 <u>E</u> <u>1286</u> FEET FROM THE <u>West</u> LINE AND <u>1602</u> FEET FROM THE <u>North</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	
5. Elevation (Show whether DF, RT, GR, etc.)	
3672.7' GR	

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "F"
9. Well No.
333
10. Field and Pool, or Wildcat
Empire Abo
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 ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☒ Production
OTHER ☐	OTHER Log, Perf, Acidize & Complete ☒
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	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 1103.

Fin drlg 7-7/8" hole to 6319' @ 8:15 AM 8/30/77. Ran GR-DLL w/RXO & Caliper, Comp Neutron FM Density, Sonic, GR, Cal Neutron logs. RIH w/5 1/2" OD csg btm to top as follows: 588' 5 1/2" OD 15.5# K-55, 5724' 5 1/2" OD 14# K-55 csg set @ 6319'. DV tool @ 4204', FC @ 6269'. Cmt 5 1/2" csg 1st stage w/550 sx 50/50 Pozmix C1 C cont'g 5# Gilsonite/sk, 2% gel, .6% CFR-2, 8# salt/sk. PD @ 5 PM 8/31/77. Cmt 2nd stage thru DV tool @ 4204' w/675 sx Howco Light cont'g 8# salt/sk followed by 100 sx C1 C cmt cont'g 8# salt/sk. PD @ 12:01 AM 9/1/77. Circ 35 sx to pit. WOC 72 hrs. WIH w/bit, drld out DV tool @ 4204'. Press tstd csg to 1500# 30 mins OK. Ran GR-CBL. Perf'd 2 - 1/2" squeeze holes @ 1515'. RIH w/cmt retr, set retr @ 1452'. Squeezed perfs @ 1515' w/100 sx C1 C cmt cont'g .8% Halad-3, 10# salt/sk. Rev out 10 sx cmt. WOC. Drld cmt retr @ 1452'. Press tstd squeeze job w/1400# @ 1/4 BPM. Set cmt retr @ 1460'. Squeezed perfs @ 1515' w/50 sx C1 C cont'g .8% Halad-3 & 10# salt/sk followed by 80 sx C1 C cont'g 2% CaCl. Rev out 5 bbls cmt. WOC. Drld out cmt & retr @ 1460'. RIH w/bit to 1554'. Press tstd csg to 1500# 30 mins OK. Tagged btm @ 6256'. Perf'd Abo 6170-6190' w/2 JSPF. RIH w/Lok-set pkr, set pkr @ 6110', TP @ 6146'. Acidized Abo w/300 gals 15% HCL-NE acid, 500 gals LC, 500 gals 10# CaCl & 2000 gal 60/40 15% HCL/xylene, flushed w/12 BLC. Swbd Abo perfs 6170-6190' 1 hr, flwd 6 hrs, rec 128 BNO, 12 BLO & 16 BLW. On 24 hr potential test 9/17/77 flwd 766 BO, 0 BW & 297 MCFG on 48/64" ck, FTP 120#. GOR 388:1. Final Report.

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

SIGNED	TITLE	DATE
	Dist. Drlg. Supt.	9/21/77
APPROVED BY	TITLE	DATE
	SUPERVISOR, DISTRICT II	SEP 26 1977
CONDITIONS OF APPROVAL, IF ANY:		