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LAND OFFICE

OPERATOR

## NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil &amp; Gas Lease No.

647-349 - 647-351

## 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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		DEC 21 1978	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company ✓		O. C. C. ARTESIA, OFFICE	8. Farm or Lease Name Empire Abo Unit "G"
3. Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240			9. Well No. 313
4. Location of Well UNIT LETTER <u>J</u> <u>2000</u> FEET FROM THE <u>South</u> LINE AND <u>2450</u> FEET FROM THE <u>East</u> LINE, SECTION <u>33</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.) 3662.5' 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 ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOB ☒

Production Casing

OTHER ☐OTHER Log, Perforate, Acidize & Complete ☒

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 6360' @ 8:45 PM 8-3-78. Ran GR-N, CNL-FDC, DLL-RXO, Sonic-VDL w/caliper to surf. DST #1, Abo 5977-6002'. TO @ 8:30 AM 8-5-78. Flwd 5 hrs @ 2.8 MMCF rate, no fluid. DST #2, Abo 6123-6148'. TO @ 11:48 AM 8-5-78. ISI @ 11:55 AM for 45 mins FFP. TO @ 12:40 PM for 199 mins, rec 22 BO in DP w/279 MCFGPD, no fluid to surf. FSI @ 3:59 PM for 20 mins, relsd pkr, rev out 22 BO & gas/oil mud fr DP. Sample Chamber, 650# @ surf, rec 4.5 Cfg, 680 CC oil, 0 BW, no mud, oil gvtty 43.1° @ 60°F. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6360'. FS @ 6360', FC @ 6315', DV tool @ 3013'. Cmtd 5-1/2" csg in 2 stages: 1st stage cmtd 5-1/2" OD csg w/430 sx HOWCO Lite w/10# 20/40 sd/sk & 5# 100 mesh sd/sk followed by 240 sx C1 C Thik-set Cont'g 2% Ca Cl. PD @ 2:00 PM 8-6-78. Circ 38 sx cmt. Cmtd 2nd stage thru D.V. tool @ 3013' w/825 sx HOWCO Lite Cont'g 8# salt, followed by 100 sx C1 C Cont'g 8# salt/sk. PD @ 6:30 PM 8-6-78. Circ 128 sx cmt to pit. WOC. RIH w/bit, csg scraper, drld DV tool @ 3013', Run bit to PBD @ 6307'. Ran CBL, good bond. Perfd Abo 6200-6220' w/2JSPF = 40-.44" holes. RIH w/pkr, set pkr @ 6083'. Acidized Abo perfs 6200-6220' w/300 gals 15% HCL-LSTNE, 500 gals 10# Ca Cl wtr, 1000 gals LC, 1500 gals 60/40 15% HCL-LSTNE/Xylene. Flush-ed w/18 BLC. Swbbd 6-1/2 hrs rec 42 BLO, 2 BNO, 20 BLW. Acidized perfs 6200-6220' w/1000 gals 15% HCL-LSNTEA, flushed w/26 BO. Swbbd 5 hrs, rec 17 BO & 27 BW. RIH w/2-3/8" OD EUE tbg, btm tbg @ 6146'. On 24 hr. potential test 12-14-78 pmpd 55 BO, 1 BW & 50 MCFG. GOR 909:1. Final report.

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

SIGNED

TITLE

Dist. Drlg. Supt.

DATE

12-20-78

APPROVED BY

TITLE

SUPERVISOR, DISTRICT II

DATE

DEC 26 1978

CONDITIONS OF APPROVAL, IF ANY: