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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN - 2 1978

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

O. C. C.
ARTESIA OFFICE

SUNDARY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL C-101 FOR SUCH PROPOSALS.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Atlantic Richfield Company

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

Location of Well
UNIT LETTER **B** **610** FEET FROM THE **North** LINE AND **2601** FEET FROM
THE **East** LINE, SECTION **34** TOWNSHIP **17S** RANGE **28E** NMPM.

13. Elevation (Show whether DF, RT, GR, etc.)
3673.9' GR

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
E-7116

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

6. Farm or Lease Name
Empire Abo Unit "E"

9. Well No.
351

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:

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 ☐

OTHER Log, set 5-1/2" csg, Perf, Treat & 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.

On 5/6/78 commenced getting water flow while drlg 1289-1321' @ 1 BPM, decr to 3/4 BPM. At 2830' had water flow of 25 BPH. At 3930' had water flow of 15 BPH. Fin drlg 7-7/8" hole to 6239' @ 4:15 PM 5/16/78. Ran DLL-RXO-Caliper, GR-N, Sonic-VDL, CNL-FDL-Caliper. RIH w/5-1/2" OD 15.5# K-55 csg, FS, FC & SC. Csg set @ 6239'. FC @ 6199', SC @ 3020'. Cmtd 5-1/2" OD csg in 2 stages. 1st stage cmtd w/100 BFW, cont'g 2% KCL & 1 gal/1000 gal J-40, 12 bbl mud sweep, 25 BFW, 500 sx C1 H RFC cmt cont'g 2% CaCl. BP w/2500# @ 10:45 AM 5/18/78. Cmtd 2nd stage w/50 BFW, 850 sx C1 H RFC cmt cont'g 2% CaCl. BP & closed SC @ 3:00 PM 5/18/78 w/2300#. Did not circ cmt. WOC 7 hrs. Ran Temp survey, TOC @ 160' FS. WIH w/bit & drld SC @ 3006', press tested csg to 1500# 30 mins OK. Tagged cmt inside 5-1/2" csg @ 6089'. CO to FC @ 6203'. Ran CBL, good cmt bond 5000-TD. Fair to good 5000-TC 4050'. Good cmt bond above SC to 510'. PBD 6199'. Perf'd Abo 6170-6180' w/2 JSPF (20 - .48" holes). RIH w/Lok-set pkr on 2-3/8" tbg, set pkr @ 6053'. Trtd Abo perfs 6170-6180' w/300 gals 15% HCL-NE acid, 500 gals 10# CaCl wtr, 500 gals LC, 2000 gals 60/40 15% HCL/xylene, flushed w/18 BLC. On 24 hr potential test 5/27/78 flwd Abo perfs 6170-6180', 490 BO, 0 BW & 348 MCFG, 120# FTP, 48/64" ck, GOR 710:1. Final Report.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5/31/78

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUN - 5 1978

CONDITIONS OF APPROVAL, IF ANY: