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N MEXICO OIL CONSERVATION COMMISSIC

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

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MAY 25 1978

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-11594-3

SUNDARY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR ANY OTHER PURPOSES. IT IS TO BE USED ONLY FOR THE PURPOSES OF THIS FORM.)

ARTESIA, OFFICE

1. Name of Operator	Atlantic Richfield Company
2. Address of Operator	P. O. Box 1710, Hobbs, New Mexico 88240
3. Location of Well	UNIT LETTER F, 2630 FEET FROM THE North LINE AND 1930 FEET FROM West LINE, SECTION 6, TOWNSHIP 18S, RANGE 28E, NMPM.
4. Elevation (Show whether DF, RT, GR, etc.)	3644.3' GR

7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Form of Lease Name	Empire Abo Unit "J"
9. Well No.	223
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 ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☒ Production OTHER Log, Perf & Squeeze, Perf & 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 6250' @ 11:45 PM 5/6/78. Ran DLL w/RXO & Caliper, CNL-FDC, GR-N, GR-Sonic-VDL w/caliper. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6250'. DV tool @ 3017'. Cmt'd 5-1/2" csg 1st stage w/490 sx Thik-set cont'g 2% CaCl. Full returns. BP @ 6:25 AM 5/9/78. Op DV tool @ 3017' & cmt'd 2nd stage w/550 sx Homco Lite cmt cont'g 8# salt/sk followed by 100 sx C1 C cmt cont'g 6# salt/sk. Full returns. BP @ 12:45 PM 5/9/78. Circ 55 sx cmt to pit. WOC. WIH w/bit, drld DV tool @ 3017'. Cleaned out to 6173'. POH w/bit. Ran Directional Survey from surf to 6166'. Ran CBL 6150-4150'. Poor cmt bond 6004-6035'. Ran TDT log 6167-4160'. Perf'd 5-1/2" csg for squeeze cmt job @ 6031' w/4 JS. RIH w/RTTS tool on 2-3/8" OD EUE tbg, set pkr @ 6014'. Broke down fm w/2000#. POH w/RTTS tool. RIH w/cmt retr, set retr @ 5921'. Squeezed perfs @ 6031' w/150 sx LWL cmt, 50 sx C1 C, 2% CaCl. Max 3500#. RO 94 sx cmt. POH w/tbg. WOC. RIH w/bit, drld retr & cmt 5915-6032', circ hole to 6170'. Press tested perfs w/1500# 30 mins OK. Spotted 100 gals 20% acid-6100-5942', RO acid & displ hole w/2% KCL TW. Perf'd 5-1/2" OD csg 6096-6080' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD tbg OE @ 6077', pkr set @ 6043'. Acidized perfs 6080-6096' w/300 gals 15% NE acid, 500 gals 10# CaCl, 500 gals LC, 2000 gals 60/40 DAD trtmt, flushed w/18 BO. In 7 hrs swbd 74 BO & 5 BW. ON SITP 240#. On 24 hr potential test 5/22/78 flwd 123 BO, 1 BW & 375 MCFG, 48/64" ck, 75# FTP, GOR 3049:1. 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
<i>[Signature]</i>	Dist. Drlg. Supt.	5/24/78
APPROVED BY	TITLE	DATE
<i>[Signature]</i>	SUPERVISOR, DISTRICT II	MAY 26 1978

CONDITIONS OF APPROVAL, IF ANY: