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NEW MEXICO OIL & GAS CONSERVATION COMMISSION

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

MAY 3 1977

O.C.C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. E-7833
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
6. Farm or Lease Name Empire Abo Unit "L"
9. Well No. 153
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR APPLICATIONS TO DRILL OR TO RE-OPEN OR RE-LOCATE TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT - FORM 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 <u>0</u> <u>90</u> FEET FROM THE <u>South</u> LINE AND <u>1456</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> N.M.P.M.		

13. Elevation (Show whether DF, RT, GR, etc.)
3585' GL

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 OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☒ Production
OTHER ☐	OTHER <u>Log, perf, treat & complete</u> ☒

7. 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 6303' @ 10:00 PM 4/5/77. Ran CN-FDL, DLL w/Micro SFL, GR-N & Sonic & CBL. Ran 267' 5 1/2" OD 15.5# K-55 csg & 6019' 5 1/2" OD 14# K-55 csg set @ 6303'. DV tool @ 4989'. Cmt'd 5 1/2" csg w/480 gal mud sweep, 650 sx 50/50 Cl C Poz cont'g 2% gel, 8#/sk salt, 6/10 of 1% friction reducer & 5#/sk gilsonite. Plug down w/1400# @ 11:15 PM 4/6/77. Circ 20 sx cmt to pit. Could not pump thru DV tool. TOC @ 4868' FS. Drld fill in 5 1/2" csg 4539-4989'. DO DV tool @ 4989' & lowered bit to 6266' PBD. Press tstd 5 1/2" csg to 1500# 30 mins OK. Perf'd csg @ 6145' w/2 JSPF = 4 holes. RIH w/pkr, set @ 6105'. Pmpd in w/1100# OK. POH w/pkr. RIH w/cmt retr, set @ 6105'. Squeezed perfs @ 6145' w/125 sx Cl C cmt cont'g 1.3% fluid loss, 2% CaCl followed by 50 sx Cl C cont'g 2% CaCl. MP 1000#. PO retr, RO 20 sx cmt to pit. Perf'd 5 1/2" csg @ 4700' w/2 JSPF - 4 holes. RIH w/cmt retr, set @ 4650'. Pmpd 500 gals mud wash, 12 BFW, cmt'd to surf w/1050 sx Lite cmt cont'g 8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt/sk. Full returns to surf. Circ 75 sx cmt to pit. WOC. DO cmt retr @ 4650'. Lowered bit to 6105' PBD OK. Perf'd Abo 6056-76' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" tbg, set pkr @ 5947', TP @ 5980'. Trtd Abo 6056-6076' w/500 gals HCL-LSTNE acid. Flushed w/31 BLC. MP 600#, Min 500#, ISIP 500#, 5 mins vac. Swbd 3 hrs, rec 31 BLO, 29 BNO & 0 BW, small show gas. On 24 hr potential test 4/27/77 flwd 276 BO, 3 BW & 197 MCFG, 90# FTP, 48/64" ck, GOR 714:1. Final Report.

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

DATE <u>5/2/77</u>	TITLE <u>Dist. Drlg. Supt,</u>	DATE <u>MAY 3 1977</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 3 1977</u>
CONDITIONS OF APPROVAL, IF ANY:		