

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

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.)

OIL WELL ☐ GAS WELL ☐ OTHER- WIW		7. Unit Agreement Name
Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		8. Farm or Lease Name Seven Rivers Queen Unit
Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 11
Location of Well UNIT LETTER <u>K</u> 1980 FEET FROM THE <u>South</u> LINE AND 1980 FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> N.M.P.M.		10. Field and Pool, or Wildcat Eunice Seven Rivers Queen South
15. Elevation (Show whether DF, RT, GR, etc.) 3510' GR		12. County Lea

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 OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER ☐	OTHER ☒ Cmt Squeeze, Deepen, Run Liner, Perf & Treat, Return to Injection

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 1703.

RU 8/24/83, installed BOP & POH w/inj assy. RIH w/4-3/4" bit, CO to 3788' TD. POH w/bit. Set pkr @ 3677' & established circ thru perfs 3690-3782' & hole in csg @ 3660'. Set pkr @ 3645' & tested csg annulus to 1000# OK. Re-set pkr @ 3550' & cmt squeezed hole @ 3660' & perfs 3690-3782' w/150 sx C1 C cmt. RO 20 sx cmt to surf. POH w/pkr. RIH w/bit, tagged cmt to 3569' & drld cmt & CO to 3788' TD. Commenced drlg new hole 9/11/83. Finished drlg 4-3/4" new hole 3788-3885' on 9/19/83. RIH w/Duplex shoe on 10 jts 3 1/2" EU 8rd fiberglass csg (337') w/3" ID, Brown tie in sleeve 4 1/2" OD, 4" ID w/x-over sub f/4" to 3 1/2" EU 8rd box (345'). Cmt'd liner w/75 sx C1 H cont'g 2% CaCl₂ Circ 55 sx cmt to surf. TOL @ 3538'. Ran GR-Neutron log. Set pkr @ 3540' & test TOL w/1000# for 5 mins, OK. Perf'd lower Queen 3795, 98, 3801, 04, 07, 10, 12, 14, 16, 18, 20, 22' w/1 JSPF = 12 .29" holes. Set pkr & acidized perfs 3795-3822' w/1000 gals 15% NEA acid followed by 75# RS w/ brine & 1000 gals 15% NEA. Set pkr @ 3530' & frac'd lower Qn perfs 3795-3822' w/5000 gals Mini Max III-40 & 12,500# sd. Rel pkr @ 3535' & dumped sd to 3787'. Perf'd upper & middle Qn w/2 JSPF @ 3733, 35, 37, 39, 41, 43, 45, 59, 61, 63, 76, 78, 80' = 26 .29" holes. Set pkr @ 3530'. Acidz'd perfs 3733-3780' w/4500 gals 15% NEFE acid & 450# RS in gelled brine in 3 stages. Frac'd perfs 3733-3780' w/3500 gals Mini Max III-40 & 6500# sd. Rel pkr. RIH w/tbg OE & washed & CO sd to 3884'. Swbd perfs 3733-3822', rec 0 BO, 40 BLW. RIH w/pkr & cmt lined tbg. Set pkr @ 3516'. Filled tbg/csg annulus w/pkr fluid. Rem BOP & inst wellhead. Commenced wtr inj on 9/30/83. On 24 hr injection test 10/18/83 injected 300 BWPD @ 800# TP. Prior inj: 200 BWPD @ 1000# TP.

Final Report.

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

SIGNED Elizabeth L. Bush TITLE Drlg. Engr. DATE 10/25/83

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE OCT 31 1983

CONDITIONS OF APPROVAL, IF ANY: