

U.S. 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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Annie L. Christmas
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 4
4. Location of Well UNIT LETTER <u>I</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>17</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) 3397' DF	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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Repair Surface Csg Annulus Flow</u> <input checked="" type="checkbox"/>

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.

RU 11/11/82. POH w/rods & pump. POH w/tbg. Installed BOP. RIH w/RBP & pkr, set BP @ 4350', spot 4 sx sd on top of BP. Test BP to 1000#, OK. Press tested annulus to 1000# OK. POH w/pkr. Perf'd 2 holes @ 4000'. RIH w/pkr, set pkr @ 3950', could not establish circ to surf. POH w/pkr. RIH w/cmt retr, set retr @ 3951'. Cmdt thru retr w/500 sx Cl C cmt & 250 sx Cl C cmt cont'g 2% CaCl₂. RO 92 sx to pit, no circ to surf. WOC. Temp survey indicated TOC @ 3900'. Ran CBL, indicated TOC @ 3890'. Perf'd 2 holes @ 2750'. Circ up annulus. Ran cmt retr, set @ 2690'. Squeeze cmdt perfs @ 2750' w/300 sx BJ Lite & 250 sx Cl C cmt cont'g 2% CaCl₂, no cmt circ to surf. Temp survey indicated TOC @ 2280'. Perf'd 2 holes @ 1175'. Circ thru holes to surf. Set cmt retr @ 1118'. Cmdt thru retr w/250 sx Cl C cmt cont'g 2% CaCl₂, circ cmt to surf. RO 1 bbl cmt to surf. WOC. DO cmt & cmt retr @ 1118', drld cmt to 1210'. Pmpd into perfs @ 1175' @ 1 BPM w/500#. Spot cmt plug 900-1240'. Pmpd 30 sx Cl C cmt into perfs @ 1175', 500# max, shut csg valve. TOC @ 1100'. DO cmt 1080-1230'. Set pkr @ 1200', no flow from tbg, small flow from csg. POH w/pkr. Spot 60 sx Cl C cmt cont'g 2% CaCl₂ 1240-900'. RO 1 bbl cmt. Pmpd 2½ bbls cmt into perfs @ 1175'. MP 1750#. WOC. DO cmt from 940-1243'. Press tested csg to 750# for 30 mins OK. DO cmt retr @ 2690' & cmt to 2755'. Press tested csg to 750# for 30 mins, OK. DO retr @ 3951' & cmt to 4015'. Press tested csg to 750# for 30 mins, OK. Washed sd off BP @ 4350', rec BP. RIH w/BP & pkr, set BP @ 6350' & pkr @ 6288'. Test BP to 750#, OK. Rel pkr, filled csg w/ 2% KCL wtr, test csg to 750# for 30 mins, OK. POH w/pkr & BP. RIH w/compl assy, SN set @ 6584', ran pump & rods. On 24 hr potential test 12/21/82 pmpd 4 BO, 71 BW, 28 MCFG. Prior prod: 5 BO, 33 BW, 76 MCFG. 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 Drlg. Engr. DATE 12/27/82

ORIGINAL SIGNED BY JERRY SEXTON TITLE DATE DEC 30 1982

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL