

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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. B-11614

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 ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name State 367
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 3
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>36</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or Wildcat Wantz Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3358' 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 ☐	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 <u>Squeeze Cmt Bly, Deepen to Wantz Abo</u> ☒	
		<u>Abo, Run Liner & Cmt; Perf, Treat & Complete</u>	

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, POH w/rods & Pump. Install BOP. RIH w/pkr & tbg, set pkr @ 5311' & establish inj rate. Cmt squeeze Blinebry perfs 5518-5945' w/400 sx Cl H cmt. TOC @ 5440'. POH w/pkr & tbg. Perf 4 JSPF @ 2768'. Set pkr @ 2695' & estab circ thru 9-5/8" x 7" annulus. POH w/pkr. Set cmt retr @ 2695' & cmt thru holes @ 2768' w/460 sx Cl H Neat. Circ 25 sx cmt to pit, unable to pump into fm, RO 75 sx to pit. WOC. DO cmt & cmt retr @ 2694'. Drld cmt below retr to 2790'. Press tstd squeeze job to 1000# for 30 mins OK. Finished drlg cmt & cmt stringers to 5946'. Press csg to 1000#, pressure dropped to 700# in 4 mins. POH w/pkr & tbg. RIH w/2-7/8" tbg OE. Spot 75 sx Cl H cmt @ 5963', RO 5 sx cmt to pit. Pulled up hole w/tbg to 4957'. Press tbg & csg to 1000#. SI, WOC 48 hrs. POH w/tbg. RIH w/bit. TOC @ 5714'. Drld cmt 5714-5950'. Press test csg to 1000#, OK. Drld cmt retr @ 6090', hard cmt to 6269'. Circ hole clean. Press test 7" csg to 1000#, OK. Drld CIBP @ 6310' & cmt to 6323'. Drld cmt & cmt stringers to 6540'. Circ hole clean. Set pkr @ 6300'. Press tested perfs 6409-6509' to 1500#. Press dropped. POH w/pkr. RIH w/2-7/8" tbg OE. Spot 65 sx Cl H Neat cmt 6540-6200'. PU to 6236' & RO 10 sx cmt to pit. Press tbg & csg to 1000#. WOC. POH w/tbg. Drld cmt 6242-6540'. Press tested 7" csg to 1000#, no leak. Drld cmt to 6590'. Commenced drlg new hole @ 7:30 AM 8/22/84. Finished drlg 6 1/2" hole to 7550' @ 11:00 PM 8/28/84. Ran CNL/FDC, GR, Cal & GR-DLL. RIH w/5" 15# liner. Set btm of liner @ 7528'. TOL @ 6340'. Cmtd top of liner w/145 sx Cl H cmt. WOC 24 hrs. DO cmt. Set pkr @ 6280'. Press test top of liner to 1000#, OK. Ran Corr log. Perf'd Wantz Abo w/1 JSPF @ 7068, 92, 7104, 20, 45, 99, 7207, 39, 67, 7315, 28, 7347' = 12 .50" holes. RIH w/5" pkr & 5" RBP (cont'd on back)

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

SIGNED Eddie W. Ballew TITLE Drldg. Engr. DATE 10/25/84

APPROVED BY Oil & Gas TITLE DATE OCT 30 1984

CONDITIONS OF APPROVAL, IF ANY:

Set BP @ 7369' & pkr @ 7290'. Spot acid & could not break fm. Re-perf Abo w/1 JSPF @ 7068, 92, 7104, 20, 45, 99, 7207, 39, 67, 7315, 28, 7347' = 12 .41" holes. Set pkr & acidized Abo perfs 7068-7347' w/1450 gals 15% NEFE. In 4 hrs swbd 31 BLW, no oil or gas. POH w/RBP & pkr. Set CIBP @ 7056'. Set pkr @ 5996' & press Blinebry perfs 5518-5945' leaking. Set pkr @ 5405' & squeezed perfs 5518-5945' w/250 sx Cl H Neat cmt. RO 70 sx cmt to pit. WOC. DO cmt. Press tested squeeze job to 1000#, OK. Finished drlg cmt & CO hole to 7056'. Press tested csg to 1000#, OK.

9/16/84 perf'd Wantz Abo @ 6931, 55, 64, 88, 7007, 23 & 7031' w/7 holes. Set RBP @ 7046' & pkr @ 6868', acidized w/950 gals 15% HCL NEFE acid. In 3 hrs swbd 40 BLW. SITP 120#. In 10 hrs swbd 1 BNO & 17 BLW. SITP 90#. Acidized perfs 6931-7031' w/4000 gals 15% HCL-NEFE. In 6 hrs swbd 2.5 BNO & 59 BLW.

9/19/84 SITP 350#. 9/19/84 swbd 13 BNO & 28 BLW in 9 hrs. SITP 350#.

9/22/84 frac'd perfs 6931-7031' w/2000 gals 15% NEFE acid followed by 18,000 gals frac gel 40 w/5000# 20/40 sd. SION. SITP 480#. IFL surf. 9/24/84 swbd 11 BNO, 67 BLW in 10 hrs. Good gas blow. 9/25/84 SITP 310#. POH w/pkr. Re-set BP @ 6914'. Perf'd Wantz Abo w/1 JSPF @ 6703, 42, 6819, 73 & 6897'. Set pkr @ 6640'. Acidized w/5000 gals 15% NEFE. In 3 hrs swbd 7 BNO & 43 BLW, good show gas. Moved RBP to 7046' & pkr to 6640'. Swbd 16 BNO, 47 BLW in 10 hrs. SITP 410#. 10/1/84 flwd 1 BNO, 2 BLW in ½ hr. POH w/RBP & pkr. RIH w/compl assy, set BP @ 7046', SN @ 7012'. TA @ 6669'. RIH w/pump & rods. On 24 hr potential test 10/22/84 pmpd 6 BO, 6 BW, 19 MCFG. GOR 3167:1. Prior prod: Bly - 3 BO, 1 BW, 147 MCFG.

OCT 29 1984

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