

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.	

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 Ramco State WN
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 2
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>35</u> TOWNSHIP <u>16S</u> RANGE <u>35E</u> NMPM.	10. Field and Pool, or Wildcat Shoe Bar Penn
15. Elevation (Show whether DF, RT, GR, etc.) 3960' GR	12. County Lea

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 ☐	

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.

Rigged up 11/4/82. Installed BOP & POH w/compl assy. RIH w/RBP & pkr, set BP @ 10,400', spot 2 sx sd on top. Set pkr @ 9820' & press tested csg to 1000# for 30 mins OK. Reset pkr @ 9730'. Press tested csg to 1000# OK. Reset pkr & found csg leaks @ 6488-6674'. POH w/pkr. RIH w/cmt retr, set retr @ 6428'. Press tbg/csg annulus to 1000# OK. Cmt squeezed holes w/855 sx Howco Lite cmt & 200 sx Cl H cmt cont'g 2% CaCl₂. RO 48 bbls cmt. SI for 1½ hrs w/1600#. POH w/tbg. WOC. DO cmt & cmt retr. Circ hole clean. Press test squeeze job to 1000# for 30 mins OK. Wash sd off BP @ 10,400' & POH w/RBP. RIH w/pkr & 2-3/8" OD tbg, set pkr @ 10,273'. In 6 hrs swbd 6 BO & 54 BW, show of gas. Acidized Penn perfs 10,440-10,505' w/500 gals Mod 202 acid, flushed w/2% KCL wtr. On 12/8/82 swbd Penn perfs & rec 7 BO & 54 BW, show of gas. Acidized perfs 10,440-505' w/1000 gals Mod 202 & flushed to btm of tbg w/2% KCL wtr. In 4 hrs swbd Penn 10,440-10,505', rec 64 BW & AW, went on vac. POH w/pkr. RIH w/cmt retr, set retr @ 10,311'. Cmt squeezed Penn perfs 10,440-505' w/150 sx Cl H cmt. Max press 4000#. RO 15 sx cmt to pit. WOC. POH w/tbg. DO cmt & cmt retr @ 10,311', circ hole clean. Press tested squeeze job to 1000#, bled down to 370# in 30 min. Set pkr @ 10,311', press to 1000#, bled to 35# in 30 mins. In 5 hrs swbd perfs 10,440-505' rec 60 BW. SITP 0#. Reset pkr @ 10,317'. Acidized perfs 10,440-505' w/1000 gals Mod-202, flushed to btm perfs w/2% KCL wtr. On 12/29/82 SITP on vac. Swbd perfs 10,440-505', rec 85 BW, good show oil and gas in 9 hrs. Perf'd add'l Penn perfs 10,470-10,500' w/2 SPF = 60 holes. Acidized Penn perfs 10,470-500' w/3000 gal Mod 202 flushed to btm perfs w/2% KCL wtr. (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 Elizabeth L. Bush TITLE Drlg. Engr. DATE 1/25/83

ORIGINAL SIGNED BY
EDDIE W. SEAY

APPROVED BY EDDIE W. SEAY TITLE DATE JAN 28 1983

CONDITIONS OF APPROVAL, IF ANY:

Expires 1/28/84

In 6 hrs swbd 6 BO, 92 BW, show of gas. Last 3½ hrs swbd all wtr. RIH w/pkr & compl assy. Set pkr @ 10,297'. On 1/20/83 swbd 8 hrs, rec 3 BFW. Workover unsuccessful. Evaluating to P&A. Prior production: 1 BOPD. Work completed 1/20/83. Shut-in surface valve. Final Report.

RECEIVED

JAN 27 1983

O.C.D.
HOBBS OFFICE