

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
TAXI FEE	
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 ON TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company
Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240

7. Unit Agreement Name

8. Farm or Lease Name
Frederick H. Curry WN

9. Well No.
5

Location of Well
UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM
THE West LINE, SECTION 1 TOWNSHIP 24S RANGE 36E N.M.P.M.

10. Field and Pool, or Wildcat
Langlie Mattix 7R Qn

15. Elevation (Show whether DF, RT, GR, etc.)
3343.7' 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 ☐
FULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	Production csg, Log, Perforate, cmt squeeze, Acidize, frac ☒ & complete

11. 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.

Finished drlg to TD 3800' @ 5:30 PM 11/11/80. Ran GR CN-FD, DLL. RIH w/ 1453' of 5½" OD 17# K-55, 854' of 5½" OD 17# J-55, 190' of 5½" OD 17# C-75 & 1344' of 5½" OD 15.5# K-55 csg, set @ 3800'. Cmtd 5½" OD csg w/600 sx HOWCO lite w/15# salt & ¼# flocele/sk followed by 430 sx Cl H Thikset cmt w/3# salt & ¼# flocele/sk. Circ 119 sx cmt to pit. PD @ 6:00 AM 11/13/80. WOC 72 hrs. Drld out to 3798'. Ran CBL surf to 3800' TD, OK. Perf'd Langlie Mattix 7R Qn 3428-3787' w/41 JS. Set pkr @ 3353'. Acidized w/4000 gals 15% NE-HCL acid. Swbd 1 hr, rec 16 BLW & 0 BO. POH w/ pkr & tbg. RIH w/ RBP @ 3725', set pkr @ 3354'. Swbd 2 hrs, rec 0 BO, 56 BW. Reset BP @ 3506' & pkr @ 3386'. In 1 hr swbd 0 BO, 48 BW. Retrieved BP, POH w/ pkr & BP. RIH w/pkr & set @ 3319'. Cmtd perfs 3428-3787' w/400 sx low wtr loss cmt & 100 sx Cl C cmt w/2% CaCl₂. Cleared tbg & perfs w/30 BW. WOC 4 hrs. Pmpd 250 sx LWL cmt & 100 sx Cl C cmt w/2% CaCl₂. POH w/pkr. WOC. Drld out cmt. Press tested squeeze job, no squeeze. RIH w/ pkr, set @ 3507', established pump in rate. Squeeze cmtd perfs 3686-3787' w/250 sx LWL cmt & 100 sx Cl C w/2% CaCl₂. Cleared tbg & perfs w/28 BW. Cmtd w/200 sx LWL cmt & 100 sx Cl C cmt w/2% CaCl. Cleared tbg & perfs w/28 BW. WOC. Cmtd w/ 200 sx LWL cmt, 100 sx Cl C cmt w/2% CaCl₂. Cleared tbg & perfs w/28 BW. WOC 17 hrs. Cmtd perfs w/ 200 sx LWL cmt & 100 sx Cl C cmt w/2% CaCl. WOC 44 hrs. POH w/ pkr. Drld out cmt. Press tested squeeze job to 1600# for 30 mins, OK. Perf'd 5½" csg @ 3751, 62, 70, 82' w/ 4 JS. Set pkr @ 3720'. Acidized w/500 gal 15% HCL NE acid flushed w/ 14 bbls 2% KCl wtr. In 1½ hr swbd 0 BO, 28 BW w/trace of oil on last swab run. POH w/ tbg & pkr. RIH w/cmt retr, set retr @ 3730'. Cmtd perfs 3751-3782' w/100 sx LWL & 100 sx Cl C w/2% CaCl₂.

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

SIGNED Jerry D. Sexton TITLE Dist. Drlg. Supt. DATE 1/15/81

APPROVED BY Jerry Sexton TITLE Dist. Drlg. Supt. DATE JAN 26 1981

CONDITIONS OF APPROVAL, IF ANY:

RO 1 bbl cmt. Perf'd 5½" csg w/ 1 JSPF @ 3660', 76, 87, 98, 3708' w/ 5 holes. RIH w/ pkr, set @ 3647' displ hole w/ 2% KCL wtr, spot 100 gals 15% HCL-NE acid 3710-3600'. Reset pkr @ 3647'. Broke perfs w/5 bbl KCL wtr. In 2 hrs swbd 0 BO, 23 BW. In 1½ hrs swbd 1 BO, 14 BW acidized perfs 3660-3708' w/ 1000 gals 15% HCL NE acid. In 7 hrs swbd 5 BO, 23 BW, 14 hr SITP 50#. POH w/ pkr. Perf'd 5½" csg 3428, 37, 69, 76, 3491, 3511, 31, 39, 3546, 54, 60, 74, 86, 92, 98, 3612' w/ 16 JS. RIH w/ pkr, set @ 3383'. In 3 hrs swbd 0 BO, 12 BW. Loaded csg w/32 bbls 2% KCL wtr, pmpd 200 gals 15% HCL NE acid, flushed w/ 20 bbls 2% KCL wtr. In 4 hrs swbd 1 BO, 27 BW. Frac'd perfs 3428-3708' w/ 20,000 gals of gel, 15,000 gals of CO₂, 70,400# sd in 3 stages w/ 200# rock salt & 100# BAF in 300 gals 10# brine between stages, flushed w/ 11 bbl slick wtr & 11 bbls CO₂. In 3 hrs swbd 12 BO & 3 BW. POH w/ pkr. CO to 3730' PBD. RIH w/ comp assy set @ 3689'. RIH w/ 2x1½"x16' RWTC rod pump. On 24 hr potential test 1/14/81 pmpd 31 BO, 16 BW, 198 MCFG on 10-86" SPM. GOR 6387:1.
FINAL REPORT.

RECEIVED

JAN 21 1981

OIL CONSERVATION DIV.