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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-103
Revised 10-1-78

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 W. F. Hanagan
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 5
4. Location of Well UNIT LETTER N 760 FEET FROM THE South LINE AND 2080 FEET FROM THE West LINE, SECTION 12 TOWNSHIP 25S RANGE 36E NMPM.	10. Field and Pool, or Whdcat Jalmat Yates 7R
15. Elevation (Show whether DF, RT, GR, etc.) 3150.6' GR	12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒ Prod Csg
OTHER Log, Perforate, Treat & TA ☒

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.

Fin drlg to 3200' TD @ 5:45 PM 3/12/80. Ran GR-FDC, CNC Caliper, GR-CNL-DDL & RXO logs. RIHw/ 5½" OD 15.50# K-55 csg, set @ 3200'. FC set @ 3158'. Cmt'd 5½" csg w/200 sx Lite cmt cont'g 18% salt, ¼# flocele/sk followed by 450 sx C1 C cmt w/5# salt/sk. Circ 100 sx C1 C cmt to pit. WOC. RIH w/bit, drld FC @ 3156', ran bit to 3200'. Ran CBL. TOC @ 340'. Perf'd Yates 7R 2710-3168' w/44 holes. RIH w/pkr & 2-7/8" tbg, set pkr @ 2543'. Acidized perfs 2710-3168' w/ 4000 gals 15% NEFE, flushed w/16 bbls KCL wtr. In 2 hrs swbd 40 BW. POH w/pkr. RIH w/RBP, set BP @ 3050', pkr @ 2978'. Swbd 5 hrs, rec 153 BW, 0 BO. Reset BP @ 2980', pkr @ 2611'. Swbd 124 BW from perfs 2710-2970' in 4 hrs. Reset BP @ 3191', pkr @ 3042'. Pmpd dn tbg w/no returns of fluid thru csg. Stopped pump w/vac on tbg & csg. Reset pkr @ 2611', RBP @ 2740', swbd 2 hrs 2710-12', dry in 2 runs, no fluid. POH w/pkr & BP. RIH w/cmt retr, set retr @ 2782'. Cmt squeezed perfs 2890-3168' w/150 sx C1 H cmt w/16% gel, 150 sx C1 C w/2% CaCl. Squeeze press 800#. WOC. Drld retr & cmt to 2980'. Ran pkr, set @ 2730' & press tested squeeze job to 1000# for 30 mins OK. POH w/pkr. Perf'd Yates @ 2809, 71, 76, 80, 84, 92, 2907, 11, 20, 23, 28, 52, 56, 59, 64, 67, 70' w/17 holes. RIH w/pkr, set @ 2653'. Acidized perfs 2809-2970' w/2000 gals 15% NEFE acid. In 2 hrs swbd 16 BW, swbd dry. Frac'd perfs 2809-2970' w/15,000 gals gelled fluid & 8000 gal CO2 w/34,500# & using 500# rock salt & 200# BAF as diverter. Ran swab, no fluid. POH w/pkr & tbg. ~~TA eff 4/15/80.~~

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 4/30/80Orig. Signed by
John Runyan
GeologistAPPROVED BY _____ TITLE _____ DATE MAY 16 1980

CONDITIONS OF APPROVAL, IF ANY: