

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

E. L. Steeler WN

9. Well No.

1

10. Field and Pool, or Wildcat

Langlie Mattix 7 R Qn.

12. County

Lea

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.)

OIL WELL ☒

GAS WELL ☐

OTHER-

Name of Operator

ARCO Oil & Gas Company Division of Atlantic Richfield Company

3. Address of Operator

P.O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER P 660 FEET FROM THE South LINE AND 660 FEET FROM

THE East LINE, SECTION 19 TOWNSHIP 23S RANGE 37E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3316' GR

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 ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER Recnter, log, run liner & cmt. ☒

perf acidize, frac & comp.

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 1108.

Rig up on 3-30-81, removed dry hole marker, installed 6" - 900 x 7", 3000# SO wellhead. Install BOP. Drill out cement plugs to 300'. Pressure tested perfs @ 300' w/600# for 30 mins. OK. Drld out cmt plugs to 1180'. Drld out cmt retr & cmt to 1300'. Drld cmt plug 3386-3445'. Pressure tested csg. to 1000# for 30 mins, OK. Drld CIBP @ 3445'. CO hole to 3692. Drill out cmt to 3750'. PBD. RIH w/GR-CNL-FDC/Caliper (3500-3743), GR-CNL (2500-3500), GR-DLL (3500-3743) RIH w/FS, FC on 4 1/2" OD 9.5# K-55 csg F/liner. Set liner hanger @ 3265', FS set @ 3749'. FC set @ 3704'. Cmt liner w/232 sx shallow seal contg' 2% KCL. Cmt did not circ. WOC. RIH w/bit, cmt @ 3690'. CO cmt to 3690'-3704'. Ran cmt Bond log. TOC @ 3515'. Perforated 2-.42" holes in 4 1/2" csg. @ 3293'. RIH w/pkr on tbg, set pkr @ 3257', established pump rate thru perfs. Reset pkr @ 3182'. Squeeze cmtd thru perfs @ 3293' w/150 sx Shallow Seal CL "C" Cmt w/2% KCL. POH w/pkr. RIH w/bit, tagged cmt @ 3190', drld cmt to 3704' PBD. Pressure test csg & liner to 1,200# for 30 mins. OK. Perforate 4 1/2" liner w/1JSPF 3397, 3419, 26, 51, 64, 76, 88, 98, 3527, 30, 43, 50, 65, 68, 95, 3615, 38, 46, 53, 60 = 20 holes. RIH w/pkr, set @ 3253'. Acidized perfs 3397-3660' w/3000 gals 15% HCL-NEFE acid. Swbbd back 8 BW, 3 BNO, show of gas. On 4-21-81 swbbd 5 BW, 2BNO in 9 hrs. Fraced perfs 3397-3660' w/10,000 gals gelled wtr & 24,925# sd in 3 equal stages. Swbbd 5 BNO, 40 BW in 10 hrs. In 3 hrs swbbd 2 BO, 3 BW, POH w/tbg & pkr. CO frac sd to 3700', RIH w/2-3/8" OD 4.7# J-55 tbg, btm tbg @ 3689', SN @ 3654'. RIH w/rods & pump. On 24 hrs. potential test 5-18-81 pmpd 7 BO, 5 BW, 50 MCFG on 10-66" SPM. GOR 7143:1. Final Report.

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

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 5-19-81

Only Signed by

APPROVED BY Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 5-19-81

CONDITIONS OF APPROVAL, IF ANY: