

OIL CONSERVATION DIVISION

P. O. BOX 1088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

CO. BY WHICH RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.C.S.	
LAND OFFICE	
OPERATOR	

5. Indicate Type of Lease	
State ☒	Fee ☐
6. State Oil & Gas Lease No. E-1673	

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 Lea 407 State
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 6
4. Location of Well UNIT LETTER <u>C</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>33</u> TOWNSHIP <u>21S</u> RANGE <u>35E</u> NMPM.		10. Field and Pool, or Wildcat San Simon Yates North
11. Elevation (Show whether DF, RT, GR, etc.) 3629.7' GR		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☒ Prod Csg	
OTHER <u>Log, Perf, Acidize, 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.

Fin drlg 7-7/8" hole to 4226' @ 10:15 PM 9/15/81. Ran GR-CNL-FDC w/Caliper, GR-DLL-RXO & Pro-log. RIH w/5 1/2" OD 15.5# K-55 csg, set @ 4226'. Cmdt w/600 sx Pace setter lite cont'g 15#/sk salt, 1/4#/sk celloseal followed by 250 sx C1 C cmt cont'g 2% CaCl, 1% H-T fluid loss additive, 2% CaCl. PD @ 1:15 PM 9/17/81. Circ 107 sx cmt to pit. WOC, press tested csg to 1000# 30 mins OK. DO cmt & CO to 4208' PBD. Ran GR-Corr log. Perf'd Yates @ 4139, 45, 50, 66, 75, 80, 87, 95' 1 JS ea interval. Set pkr @ 4011'. Acidized Yates perfs 4139-4195' w/1000 gals 15% HCL acid. In 2 hrs swbd 30 BW, 0 BO & 0 MCFG. POH w/pkr. Set cmt retr @ 4127'. Squeeze cmdt perfs 4139-95' w/150 sx C1 H cmt cont'g 2% CaCl. RO 75 sx cmt. Perf'd Yates @ 3956, 60, 72, 81, 86, 89, 96, 4002, 12, 16, 23, 26, 44, 54, 58, 62, 66, 73, 78, 84' w/20 holes. Set pkr @ 3960'. Acidized perfs 3956-4084' w/3000 gals 15% NE acid. In 3hrs swbd 74 BLW, 0 BO, 0 MCFG. POH w/pkr. RIH w/cmt retr, set retr @ 3948'. Squeezed Yates perfs 3956-4084' w/200 sx C1 H cmt w/2% CaCl, no squeeze. Squeeze Yates perfs 3956-4084' w/200 sx C1 H cmt cont'g 2% CaCl. RO 12 sx cmt. Perf'd Yates @ 3787, 92, 97, 3800, 08, 13, 16, 20, 44, 59, 63, 68, 79, 88, 92, 95' w/16 .50" holes. Set pkr @ 3695'. Acidized perfs 3787-3895' w/2000 gals 15% NEA acid. In 5 hrs swbd perfs 3787-3895', no fluid. Frac'd perfs 3787-3895' in 2 stages w/40,000 gals Mini-Max III & 88,000# sd. In 5 hrs swbd perfs 3787-3895', rec 2 BNO & 33 BLW, good show gas. POH w/pkr. CO hole to 3945'. RIH w/compl assy, SN set @ 3783'. In 5 hrs swbd 9 BO, 83 BW, show of gas. POH w/ compl assy. CO sd to 3948' PBD. RIH w/compl assy, SN set @ 3884'. In 3 hrs swbd 10 BO, 37 BW. RIH w/pump & rods. On 8 hr test pmpd 7 BO, 16 BW & 15 MCFG. On 24 hr test 11/16/81 pmpd 19 BO, 11 BW & 46 MCFG on 10-54" spm, GOR 2421:1. On 24 hr potential test 11/23/81 pmpd 30 BO, 3 BW & 43 MCFG on 10-54" spm, GOR 1433:1. Final Report.

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

SIGNED Jerry D. Schmidt TITLE Dist. Drlg. Supt. DATE 12/02/81

APPROVED BY [Signature] TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: