

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.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-316

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 <input checked="" type="checkbox"/> TA <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name State "G" TG
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 2
4. Location of Well UNIT LETTER <u>D</u> <u>330</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE, SECTION <u>24</u> TOWNSHIP <u>18S</u> RANGE <u>33E</u> NMPM.	10. Field and Pool, or Wildcat E-K Yates 7R Queen
15. Elevation (Show whether DF, RT, GR, etc.) 3917' DF	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 ☐  
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
OTHER Re-entry, Repair Casing, Log, Perf, ☒  
Acidize & Test

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐

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.

On 4/11/85 removed dry hole marker. Cut off 5½" csg 4' below GL. Found hole in 8-5/8" OD csg 8' below GL. Cut off 8-5/8" csg 8' below GL & welded on 8-5/8" bell nipple. Install short 5½" OD csg nipple. Filled hole w/10 yds Redi-mix to 6' from GL. Installed cellar. RU 4/14/85 & installed 8-5/8" csg head & piped to GL to monitor press. Installed BOP & RIH w/bit & drld & CO 1376-1430' & circ hole clean. RIH w/bit & drld cmt 1435-1460'. POH w/bit. RIH w/new 4-3/4" bit & drld cmt 1460-1611'. Tagged cmt @ 2576' & drld cmt 2576-2732'. Circ hole clean. Ran bit to 3252' & press up csg, indicated leak, drld mud & cmt to 3252'. Found cmt retr @ 4190' PBD. Circ hole clean. Ran GR-DSN & CBL. Located hole in csg @ approx 500'. Set CIBP @ 4140'. Spotted 15 sx C1 H Neat cmt in top of BP. RIH w/pkr & set @ 1560', tested csg 1560-4110' w/1000#, OK. Re-set pkr @ 1375', tested csg 1375-4110', OK. Re-set pkr @ 675', tested csg 675-4110' w/1000#, OK. Re-set pkr @ 435' & test csg 0-435' w/1100#. POH w/pkr. Set cmt retr @ 436' & cmtd hole in csg w/485 sx C1 H Neat cmt. PO of retr & RO 10' above retr. WOC. RIH w/bit & DO cmt & cmt retr. Press tested csg 0-4110' w/950# for 30 mins, OK. On 4/22/85 perf'd Yates w/4" csg gun w/2 JSPF @ 3541, 67, 69, 72, 83, 94, 3596, 3602, 3604 = 20 .50" holes. RIH w/pkr & broke perfs w/acid w/1870#. Set pkr @ 3430' & acidized w/1580 gals 15% HCL-NEFE acid. In 2 hrs swbd Yates fm & rec 0 BO & 39 BLW. On 4/23/85 swbd 10 hrs, rec 0 BO & 9 BLW. Rel pkr & POH. Set CIBP @ 3531'. Perf'd Yates w/2 JSPF @ 3485, 3500, 02, 04, 20, 3522' = 12 .50" holes. Set pkr @ 3368' & broke perfs w/3050#. Acidized perfs 3485-3522' w/1190 gals 15% HCL NE acid. In 8 hrs swbd perfs 3485-3522' & rec 25 BLW. 4/29/85 rec 1 BLW in 1 swab run. POH w/tbg & rem BOPs. SI, TA on 5/21/85 pending sale of well bore. Workover unsuccessful.

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

SIGNED Elizabeth S. Bush TITLE Drlg. Engr. DATE 6/10/85

ORIGINAL SIGNED BY JERRY TONTON  
DISTRICT 1 SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 17 1985

CONDITIONS OF APPROVAL, IF ANY:

Approved 6/10/85