

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>

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 - A" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS 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 R. F. Fort
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 1
4. Location of Well UNIT LETTER <u>L</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>24</u> TOWNSHIP <u>17S</u> RANGE <u>38E</u> NMPM.		10. Field and Pool, or Wildcat Knowles Dev.. South
15. Elevation (Show whether DF, RT, GR, etc.) 3664.1' GR		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Production
OTHER <input type="checkbox"/>	OTHER <u>Log, Perf, Acidize & Complete</u> <input checked="" type="checkbox"/>

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.

Finished drlg 7-7/8" hole to 12,200' @ 5:00 PM 12/26/84. Ran GR-DIL & GR-CNL/FDC. Circ for DST. DST #1 Devonian 12,065-12,205'. 3000' fresh water cushion. Tools opened @ 8:15 AM 12/29/84 for 30 mins IFP w/weak blow. Tools closed for 1 hr ISIP. Tools opened @ 9:45 AM for 1 hr FFP. Weak blow increasing to & stab @ .22 psi thru 1/2" needle valve. Gas to surf in 35 mins. Tools closed for 2 hrs FSIP. Rel pkrs & POH to 5800'. RO 11 BO & water cushion. POH w/test tools. Drld 12,205-12,225' TD 1/1/85. RIH w/5 1/2" OD 17# K-55 & L-80 csg, set @ 12,224'. FC set @ 12,138 Cmtd w/2000 gals mud flush followed by 100 sx C1 H Pozmix 25/75 sweep followed by 700 sx C1 H cmt cont'g .6% Halad 9 followed by 400 sx C1 H Neat cmt. PD @ 12:45 AM 1/3/85 w/1900#. WOC. Inst wellhead. On 1/22/85 installed BOP & RIH w/bit. Tagged cmt @ 12,100', drld cmt & FC, ran bit to 12,208'. Pressure tested 5 1/2" OD csg to 2000# for 30 mins OK. Ran GR-CNL/CCL, GST/NGT & EWL csd hole. RIH w/dbl grip pkr, set @ 12,062'. Perf'd Dev 12,208-12,223' w/30 .34" holes. Swbd Dev 4 hrs, rec 55 BLW, trace of oil and gas. On 1/29/85 swbd perfs 12,208-12,223' 10 hrs, rec 100 BNO. On 1/30/85 acidized perfs 12,208-223' w/175 gals 7 1/2% HCL NEFE dbl inhibited acid followed by 47.3 bbbls produced oil. Swbd perfs 4 hrs, rec 66 BO, 0 BW. On 2/3/85 re-perf'd Dev 12,208-12,223' = 15 .34" holes. Perf'd add'l Dev 12,172-184' = 24 .34" holes. In 5 hrs swbd perfs 12,172-12,223', rec 79 BNO w/show of gas. POH w/tbg & pkr. RIH w/2-7/8" OD EUE tbg, BP, MA, perf'd sub, anchor catcher, holddown SN w/gas anchor. Set anchor catcher @ 12,001' & SN @ 11,998'. RIH w/pump & rods. On 24 hr test 2/14/85 pmpd 105 BO, 0 BW on 10-144' spm. On potential test 2/21/85 pmpd 120 BO, 0 BW & gas TSTM on 10-144" spm. Final Report.

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

SIGNED R. E. Beldridge TITLE Drig. Engr. DATE 2/28/85

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE MAR - 6 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR -5 1985

OFFICE
HOURS OFFICE
MAY 1985