

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

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		8. Farm or Lease Name Emma Lawrence
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 1
4. Location of Well UNIT LETTER I 660 FEET FROM THE East LINE AND 1980 FEET FROM THE South LINE, SECTION 23 TOWNSHIP 17S RANGE 38E NMPM.		10. Field and Pool, or Wildcat Knowles Wolfcamp
15. Elevation (Show whether DF, RT, GR, etc.) 3663.3' 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	Production Casing <input checked="" type="checkbox"/>
		OTHER DST, Log, Perf, Treat & Complete <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.

On 4/17/85 ran DST #1 9715-65' Wolfcamp. Opened Tool @ 6:35 AM for 15 mins IFP w/weak blow, incr to strong blow. SI 60 mins. Opened for 120 mins, gas to surf in 50 mins. Max press 15# on 1/4" ck. SI for 240 mins. Rel test tools & POH to 4743', RO, rec 10 bbls gas cut oil, 20 BW, 1 bbl drlg mud in 2 1/4 hrs. Rec 39 MCFGD, 15 mins ISIP 3826#, 60 mins IFP 264#, 120 mins FFP 660#, 240 mins FSIP 3737#. BHT 156°F. Fin drlg 7-7/8" hole to 12,249' @ 12:00 noon 5/1/85. Ran GR-CDL/CN/w/Cal, GR-DLL/MLL w/Cal. DST #2 12,228-249' Devonian. TO @ 7:22 AM. IFP weak blow, incr to .5# after 30 mins, SI 1 hr. OT for 1 hr FFP, no fluid to surf. Closed tool for 2 hrs. Rel tool & POH to 4800'. Attempted to RO, dropped 3 bars, could not shear tool. POH w/tools. Rec 2270' fm wtr in DP. RIH w/DP OE & spotted 100' cmt plug across Devonian 12,233-133' w/50 sx C1 H Neat cmt. POH to 11,314' & spot 100' cmt plug 11,314-214' w/50 sx C1 H Neat cmt. Spotted 100' cmt plug 10,851-751'. POH w/DP. RIH w/2-7/8" tbg OE to 9974'. Spot 200' cmt plug 9974-9774' w/100 sx C1 H Neat cmt. Tag green cmt @ 9774'. Drld & washed cmt to 9795'. Set 45,000# wt on cmt plug, OK. DST #3 Wolfcamp, set pkrs @ 9630', OT & pkr failed. Re-set pkrs. OT & lost pkr seat. POH w/test tools. RIH w/bit, tagged PBD @ 9700'. DO cmt to 9770'. DST #4 9715-9770' Wolfcamp. OT w/weak blow, slowly incr to 2.5# in 2-3/4 hrs. Closed tool. Opened tool & RIH w/coil tbg to 5000'. Circ N2 @ 400 SCF/min while GIH w/tbg. Circ N2 @ 9400' for 1 1/2 hrs. No fluid to surf. Slowed pump rate to 250 SCF/min, circ 2 hrs. No fluid to surf. Pmpd total 8 hrs using 368,000 SCF N/2. POH w/coil tbg. Rel pkrs & POH w/test tools, had gas & oil w/1850' pipe in hole. Droppe bar & RO 1/2 BO & 28 BW. (cont'd on back of page)

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

SIGNED Elizabeth Bush TITLE Drlg. Engr. DATE 5/30/85

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ DATE JUN 11 1985

CONDITIONS OF APPROVAL, IF ANY:

Finished POH w/test tools. DO cmt to new PBD 9800'. RIH w/2993' 5½" OD 17# L-80 csg, 6807' of 5½" OD 17# K-55 csg, set @ 9800'. FC set @ 9856'. Cmdt 5½" OD csg w/550 sx C1 H Neat cmt. BP @ 12:20 PM 5/10/85. Inst wellhead. Temp survey indicated TOC @ 7400'. On 5/14/85 ran GR-CCL log 9755-9100'. Perf'd Wolfcamp w/4 JSPF @ 9722-9733' = 48 - .50" holes. RIH w/pkr & tbg, set pkr @ 9651' & acidized Wolfcamp perms 9722-9733' w/1500 gals 15% HCL NEFE acid. In 3 hrs swbd 66 BLW & well kicked off flwg. In 16½ hrs rec 39 BNO & 66 BW. POH w/tbg & pkr. RIH w/compl assy, set TAC @ 9595'. RIH w/tbg & rods. On 24 hr potential test 5/30/85 pmpd 33 BO, 108 BW, 8 MCFG on 10 - 120" spm. Final Report.

RECEIVED

JUN 10 1985

O.C.R.
MOBES OFFICE