

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.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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company, a Division of Atlantic Richfield Company	8. Farm or Lease Name Byrd Gas Com.
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 82840	9. Well No. 7
4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 11 TOWNSHIP 20S RANGE 36E NMPM.	10. Field and Pool, or Wildcat Eumont Queen Gas
15. Elevation (Show whether DF, RT, GR, etc.) 3557' 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 checked="" 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 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 1703.

RU on 2/21/83, installed BOP & POH w/comp assy. CO hole w/bit & scraper to 3617' PBD. RIH w/RBP & pkr, set RBP @ 3155', spot 4 sx sd on top. Set pkr & located hole in 5½" OD csg @ 760' & 310-325'. Set cmt retr @ 683'. Pmpd 250 sx C1"H" cmt thru hole @ 760', no circ to surf. Pmpd 200-sx C1"H" cmt thru hole @ 310-325' w/good cmt returns up 8-5/8" & outside 8-5/8" csg to surf. WOC. DO cmt stringers & cmt to 340'. Press csg to 500# & pmpd into fm @ 1 BPM w/500#. Set pkr @ 194' & cmtd thru holes in csg @ 310-325' w/250 sx C1"H" cmt. WOC. DO cmt 281-325'. Pmpd into hole in 5½" csg w/900#. Set pkr @ 194' & pmpd thru hole in 5½" OD csg w/250 sx C1"H" cmt w/2% CaCl₂. Final pmp press 650#. WOC. DO cmt 275-340'. Circ clean. Press tstd sqz job to 600#. OK. Drld retr @ 683' & cmt to 775'. Circ clean. Press tstd csg to 600#. OK. Washed sd off BP @ 3155' & rec BP. Set pkr @ 3170' & treat perms 3234-3582' w/375 gals 15% MCA acid w/48,000 gals 50-50 T-40 Terri Frac & CO₂ in 2 stages carrying 780 sx 20/40 sd & 360 sx 10/20 sd using 1000# RS between stages. Flushed w/CO₂ & 2% KCL wtr. Flowed back & cleaned up. Flowed back @ stabilized rate 969 MCFGD. POH w/pkr & work string. RIH w/pkr & 2-3/8" tbg, set pkr @ 3151' & SN @ 3150'. Conn up wellhead 3/9/83. On 24 hr test 3/15/83 flwd 1,078 MCFG, 2.2 BW, TP 90#. On 24 hr. pot test 3/17/83 flwd 1184 MCFG, 1.5 BW on 48/64" choke, FTP 100#. Prior prod: 182 MCFG, TP 80#.

FINAL REPORT.

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

SIGNED [Signature] TITLE Drlg. Engr. DATE 03/18/83

APPROVED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE MAR 24 1983