Form 3160-3 (November 1983 (formerly 9-331C)

## UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IS TRIPLICATE\*

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT SF - 080917 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK NONE 1a. TYPE OF WORK DRILL PLUG BACK ... DEEPEN 7. UNIT AGREEMENT NAME b. TYPE OF WELL GAS X MULTIPLE 8. FARM OR LEASE NAME X OTHER ZONE ZONE 2. NAME OF OPERATOR Atlantic Fruitland 3부 ARCO Oil and Gas Company 9. WELL NO. 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P.O. Box 1610, Midland, Texas 79702 4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) Basin-Fruitland Coal Gas Pool At surface 1755' FNL & 1653' FEL 11. SEC., T., M., OR BLK. AND SURVEY OR AREA At proposed Prod. zone Approximately the same Sec 34, T31N-R10W 13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 13. STATE 12. COUNTY 7 miles NE of Aztec, New Mexico <u>San Jaun</u> <u>NM</u> 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. line, if any)
1653' 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 2538.18 -<del>320</del> 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS OR APPLIED FOR, ON THIS LEASE, FT. Rotary 3108' 1325' 21. ELEVATIONS (Show whether GR or KB) 22. APPROX. DATE WORK WILL START This action is subject to technical and 6313' GR Spud 6/90 23. and appeal paragraphs pasing and open program Date QUANTITY OF CEMENT 113 311 TACHED SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SUBJ 12-1/4" 8-5/8" 24# 300'500 250 cult \_3 7-7/8" 1200 cuft /3/6 5-1/2" 15.5# 3108'

It is proposed to drill a 12-1/4" hole to 300' using fresh water spud mud. After setting surface casing, the shoe will be drilled out with a 7-7/8" bit, continueing to TD. A low solids, fresh water gel/polymer mud system will be utilized. A water loss of less than 20cc will be maintained and a mud weight of 9.5 ppg will be used to balance the 1600 psi Fruitland pore pressure. At TD, open-hole logs consisting of GR/CAL/FDC will be run and 5-1/2" productrion casing will be set and cemented to surface.

Pursuant to the "Onshore Oil and Gas Order #1" attachments are as follows:

- 1. Certified Location Plat
- 2. Drilling Plan with attachments
- 3. Surface Use Plan with attachments

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APPROVED
DATE
915 688-5672 Regulatory (pordinator DATE 5-2-90
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Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of THEAREA MANAGER Unit 11 U.S.C. Section 1001 makes it a crime for any person knowingly to make to any department or agency of the U.S.C. Section 1001 makes it a crime for any department of the U.S.C. Section 1001 makes it a crime for a crim

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## State of New Mexico Energy, Minerals and Natural Resources Department

#### OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

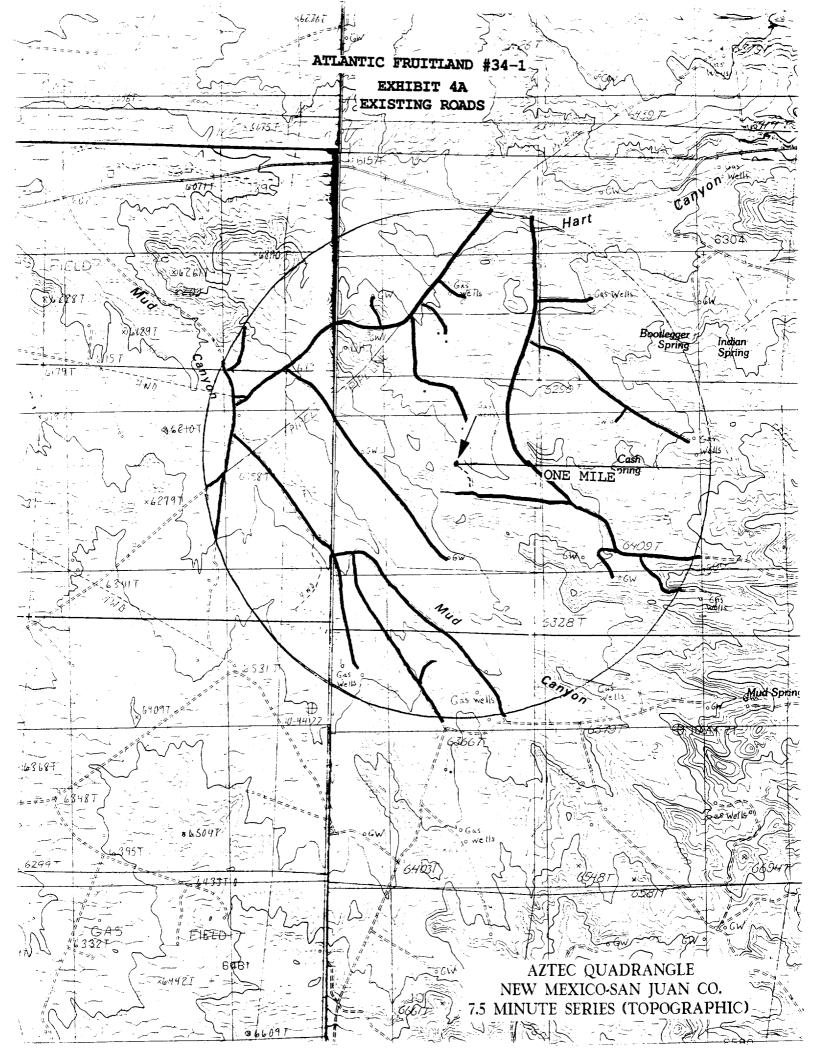
DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT III
1000 Rio Brazos Rd., Aziec, NM 87410

### WELL LOCATION AND ACREAGE DEDICATION PLAT

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Ground k	evel Elev.		Prod	ucing Form			Pc	xol		L1 1	_	Dedicated Acreage:	<u> </u>
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roma 3160-5 December 1989:

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Burray No. 1004-0135
Expires. September 30, 1990

5. Lease Designation and Serial No. SF-080917

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

6. If ladian. Alletter or Troc Name

7. If Unit of CA, Agreement Designation

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7	TYPE OF SUBMISSIC	)N		TYPE O	F ACTION		
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P. O. B	rel <del>ephone No.</del> Box 1610, Midla	nd. TX 79702	915	688-5672	110	0. Field and Pool, or	Exploratory Area
	1 & Gas Compan	<u>y</u>			9.	NA NA	
2. Name of Op	entor				F	tlantic ruitland	34#1
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