Form 3160-4 (October 1990)

35. LIST OF ATTACHMENTS

SIGNED

UNITED STATES

for approved Expires: December 31,1991

11-11-1994

DATE

DEPARTMENT OF THE INTERIOR (See other in structions on 5. LEASE DESIGNATION AND SERIAL NO. reverse side) BUREAU OF LAND MANAGEMENT CARILLA CONTRACT 146 6. IE NDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* JICARILLA APACHE 7. UNIT AGREEMENT NAME la. TYPE OF WELL: OIL DRY OTHER b. TYPE OF COMPLETION: DIFF. RESVR RECOMPLETION DEEP-PLUG X OTHER 8. FARM OR LEASE NAME, WELL NO. WORK OVER JICARILLA CONTRACT 146 #12 Attention: 2. NAME OF OPERATOR WAYNE BRANAM, RM1220 9. API WELL NO. Amoco Production Company 3003906153 3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* BASIN FRUTLAND COAL GAS 11. SEC., T., R., M., OR BLOCK. AND SURVEY UNIT K **FWI** 1754 FSL At surface 1510 OR AREA Section At top prod. interval reported below Township 25N Range 5W At total depth 12. COUNTY OR PARISH 13. STATE DATE ISSUED 14. PERMIT NO. NM RIO ARRIBA 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 6648 ar 10/07/94 06/11/61 CABLE TOOLS **ROTARY TOOLS** 23. INTERVAL DRILLED B 22. IF MULTIPLE COMPL. HOW MANY* 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD NO 3833 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 7 1994 1 ٧ FRUITLAND COAL 2901-2930 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND, GAMMA RAY, COLLAR LOCATO Ν CASING RECORD (Report all strings set in well) 28. AMOUNT PULLED TOP OF CEMENT, CEMENTING RECORD HOLE SIZE DEPTH SET (MD) WEIGHT, LB./FT. CASING SIZE/GRADE 255 SX 266 28 8 5/8' 300 SX 3874 9.5 4 1/2' TUBING RECORD 30 LINER RECORD 29 PACKER SET (MD) DEPTH SET (MD) SIZE SACKS CEMENT* SCREEN (MD) BOTTOM (MD) TOP (MD) SIZE 3783 2 1/16 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 505 BBLS WATER; 95,800# 20/40SD; 2888-2930 W/ 4 JSPF .37" HOLE 14 GRAM CHG 2930 2888 719,167 SCF 70 NITROGEN FOAM; MAX PSI NOTE PERFED AND FRACED PC AND FRUITLAND TOGETHER. 2387; MAX RATE 37 BPM **PRODUCTION** 33.* WELL STATUS (Producing or PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) shut-in) DATE FIRST PRODUCTION SHUT IN **FLOWING** 10 13 1994 GAS - MCEO GAS-OIL RATIO WATER - BBL GAS - MCF. PROD'N FOR TEST PERIOD OIL - BBL. CHOKE SIZE HOURS TESTED DATE OF TEST 94 0 **SEPERATOR** 24 10 14 1994 OIL GRAVITY - API (CORR.) WATER - BBL. OIL - BBL. CALCULATED 24-HOUR RATE FLOW TUBING PRESS CASING PRESSURE 280 240 TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

BUSINESS ANALYST TITLE _

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.