Form 3160-(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FOR APPROX OMB NO Expires: December 31,199

JICARILLA CONTRACT 146

(See other instructions on reverse side)

5. LEASE/DESIGNATION AND SERIAL NO.

INDIAN, ALLOTTEE OR TRIBE NAME 6. WELL COMPLETION OR RECOMPLETION REPORT AND LOG* JICARILLA APACHE la. TYPE OF WELL: OIL GAS X OTHER UNIT AGREEMENT NAME DRY b. TYPE OF COMPLETION: PLUG BACK DIFF. RESVR. RECOMPLETION X OTHER 8. FARM OR LEASE NAME, WELL NO. Attention: JICARILLA CONTRACT 146 2. NAME OF OPERATOR #12 WAYNE BRANAM, RM1220 Amoco Production Company 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. 3003906153 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)* SO BLANCO PIC CLIFFS UNIT K **FWL** At surface 1510 FSL 1754 11. SEC., T., R., M., OR BLOCK. AND SURVEY OR AREA At top prod. interval reported below Section Δ Township Range At total depth 25N 5W 12. COUNTY OR PARISH 13. STATE DATE ISSUED 14. PERMIT NO. NM **RIO ARRIBA** 19. ELEV. CASINGHEAD 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 15. DATE SPUDDED 6648 gr 06/11/61 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD YES NO TWO 3833 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 2888-2900 PICTURED CLIFFS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND, GAMMA RAY, COLLAR LOCATOR CASING RECORD (Report all strings set in well) 28. MEN COMMO FORV AMOUNT PULLED HOLE SIZE TOP OF TOP WEIGHT, LB./FT DEPTH SET (MD) CASING SIZE/GRADE 255 SX 266 28 8 5/8" DIST. 3 300 SX 3874 9.5 4 1/2 TUBING RECORD 30. LINER RECORD 29 SIZE DEPTH SET (MD) PACKER SET (MD) SACKS CEMENT* SCREEN (MD) TOP (MD) BOTTOM (MD) SIZE 2 1/16 3783 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC 32 31. PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 2888-2930 W/ 4 JSPF .37" HOLE 14 GRAM CHG 505 BBLS WATER: 95,800# 20/40SD; 2888 2930 719,167 SCF 70 NITROGEN FOAM; MAX PSI NOTE PERFED AND FRACED PC AND FRUITLAND TOGETHER. 2387: MAX RATE 37 BPM 33.* **PRODUCTION** WELL STATUS (Producing or PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) DATE FIRST PRODUCTION **FLOWING** SHUT IN 10 13 1994 GAS-OIL RATIO PROD'N FOR TEST PERIOD WATER - BBL. OIL - BBL. GAS - MCF. CHOKE SIZE DATE OF TEST HOURS TESTED 94 SEPERATOR 0 24 10 14 1994 KCCEPTED FOR PECORD OIL GRAVITY - API (CORR.) GAS - MCF. WATER - BBL FLOW TUBING PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL. 280 240 TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, venued, etc.) TO BE SOLD 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 11-11-1994 **BUSINESS ANALYST** DATE TITLE . SIGNED

		FORMATION	37. SUMMARY OF POROU including depth interval tested
		TOP	JS ZONES: (Show I, cushion used, ti
		BOTTOM	wall important zones of poro me tool open, flowing and sl
		1 1	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
Chacra	Accusts	NAME	38. GEOI
7177	меля: <u>ре</u> ити 2900		GEOLOGIC MARKERS
	VERT, DEPTH		TOP