Form 9-330 (Rev. 5-63)

SIGNED

## SUBMIT IN DUPLICATE. UNITED STATES

(See other instructions on

Form approved. Budget Bureau No. 42-R355.5.

DATE = 10/8/78

DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY Joint Venture 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* Jicarilla Apache 1a. TYPE OF WELL: WELL X 7. UNIT AGREEMENT NAME Other b. TYPE OF COMPLETION: WORK OVER DIFF. DESVR. WELL X S PARM OR LEASE NAME Other . 2. NAME OF OPERATOR Apache-JVA Palmer Oil & Gas Company 9. WELL NO. 3. ADDRESS OF OPERATOR 3 P. O. Box 2564, Billings, Montana 59103 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* Blanco-Mesaverde At surface 970' FWL, 900' FSL 11. SEC., T., R., M., OR BLOCK AND SURVEY At top prod. interval reported below Sec. 21-27N-2W same At total depth same 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* | 19. ELEV. CASINGHEAD 7376' GL 5/10/78 5/18/78 8/31/78 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS HOW MANY 62781 6246 0-TD OZ/O COmmingled

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) WAS DIRECTIONAL SURVEY MADE 6098-6229 - Lower Mesaverde 5758-5970 - Upper Mesaverde no 27. WAS WELL CORED Schlumberger FD/CNL-GR, FDC, IES, SNP, HRT no 28. CASING RECORD (Report all strings set in well) DEPTH SET (MD) CASING SIZE WEIGHT, LB./FT. HOLE SIZE CEMENTING RECORD AMOUNT PULLED 9-5/8" 13-3/8" 36# **3**551 KB 250 sx 40591 20# 8-1/4" KB 150 sx LINER RECORD TUBING RECORD 30. RIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4-1/2" 6247 KB 3921' 350 sx 2-3/8" 6085 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 6098, 6106, 6130, 6182, 6202, 6218, 6228 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 750 gal. 15% HCL. and 6229 - 1 shot each. 6098-6229 Fraced with 5758, 5763, 5802, 5840, 5855, 5862, 5868, 60,000 gal. Minimax II fluid containing 5942, 5951, 5954 and 5970 - 1 shot each 20,000# 100 mesh sand, 45,000# 10/20 sand & 500 scf/b nitrogen (con'd on back page) 33. PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing of shut in flowing shut in DATE OF TEST CHOKE SIZE HOURS TESTED PROD'N. FOR OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RATIO TEST PERIOD 3/4" 8/31/78 3 515 FLOW. TUBING PRESS. CALCULATED 24-HOUR RATE CASING PRESSURE OIL-BBL. GAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.) 324 psi 826 psi 4124 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Joe Elledge 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

TITLE Drilling Superintendent