Form 3160-4 UNITED STATES **SUBMIT IN DUPLICATE®** FORM APPROVED DEPARTMENT OF THE INTERIO (July 1992) OMB NO. 1004-0137 BUREAU OF LAND MANAGEMENT Expires: February 28, 1995 WELL COMPLETION OR RECOMPLETION REPORT AND LOG * 5. LEASE DESIGNATION AND SERIAL NO. 1a. TYPE OF WELL MDA 701-98-0013 OIL GAS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL WELL X **ON HOUT** Jicarilla Apache Tribe TYPE OF COMPLETION 7: LINE AGREEMENT NAME NEW WORK DEEP-**PLUG** DIFE WELL $\Gamma \overline{X}$ **OVER** ΕN BACK 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR Jicarilla 29-03-11 No. 1 Mallon Oil Company API WELL NO. 3. ADDRESS AND TELEPHONE NO. 9 30-039-26104 P. O. Box 2797, Durang (CO) 81302 (970)282-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance Cabresto Canyon; Tertiary At surface 855' FSL and 856' FEL (SE/SE) LINE P 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod. interval reported below 855' FSL and 856' FEL (SE/SE), Unit P Sec. 11, T29N-R03W At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13 STATE N/A N/A Rio Arriba NM 15. DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 2/15/00 2/21/00 9/3/00 7109' GL - 7121' KB 20. TOTAL DEPTH, MD & TVD 21. PLUGBACK TD, MD & TVD 22. IF MULTIPLE COMP 23. INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 3930 38641 Yes N/A 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 2410'-2418', 2501'-2510', 1172'-1190', 1204'-1220', 1228'-1232' Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED GR-HRI, GR-SDL-DSN N/A 28 CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 8-5/8 24 237 12-1/4" Cmt 140 sxs Type III, circ 28 sxs to pit 5-1/2 15.5 & 14.0 3910' 7-7/8 Cmt 1100 sxs 50/50 Poz, circ 122 sxs to pit 29 LINER RECORD TUBING RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) N/A 2-3/8 2420' 31. PERFORATION RECORD (Interval, size, and number) ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2410'-2418', 2501'-2510', 1172'-1190', 1204'-1220', 1228'-1232' 4 JSPF, 220 holes 1172'-2510' Acidize with 4100 gals 7-1/2% Acid Frac with 87,392 lbs sand PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) | WELL STAT (Producing or Shut In) Flowing **Producing** HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 8/30/00 24 3/8" TEST PERIOD n 1976 216 0 CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 585

33. DATE FIRST PRODUCTION 9/4/00 DATE OF TEST FLOW TBG PRESS 24-HOUR RATE n 1976 216 N/A ZON NOT 34. DISPOSITION OF CAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Sold R. Key 35. LIST OF ATTA 36. I hereby mation is complete and correct as determined from all available records pregoing and attaches SIGNED Çay Davis) Office Manager 9/6/00 DATE *(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. 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

VERT DEPTH TRUE 한 3649 3736 1591 2117 3161 3438 3566 MEAS. DEPTH GEOLOGIC MARKERS Jicarilla 29-03-11 No. 1 NAME Pictured Cliffs Nacimiento Ojo Alamo San Jose Fruitland Kirtland Lewis 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and DESCRIPTION, CONTENTS, ETC. BOTTOM 전 FORMATION recoveries):