Form	3160-4
(July	1992)

SIGNED

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT	IN DUPLICATE*
(St	e other instructions

M APPROVED **бмв no. 1004-0137**

DATE 1-10-99

xpires: February 28, 1995 **BUREAU OF LAND MANAGEMENT** on reverse side) LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG Jicarilla 460 IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WELL GAS WEL X Jicarilla Apache Tribe WELL UNIT AGREEMENT NAME TYPE OF COMPLETION N/A WORK DEEP-DIFF NEW **PLUG** 8. FARM OR LEASE NAME, WELL NO. **OVER** BACK RESVE WELL Jicarilla 460-16 No. 5 NAME OF OPERATOR Mallon Oil Company 9. API WELL NO. 30-039-25864 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL '(Report location clearly and in accordance with any State requirements *) Cabresto Canyon; San Jose Ext. 1039' FSL and 1840' FEL (SW SE) Unit O At surface 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod. interval reported below 1039' FSL and 1840' FEL (SW SE) Unit O Sec. 16, T30N-R03W 12. COUNTY OR PARISH 13. STATE At total depth 1039' FSL and 1840' FEL (SW SE) Unit O 14. PERMIT NO. DATE ISSUED N/A N/A Rio Arriba NM 17. DATE COM 15. DATE SPUDDED 16. DATE TO REACHED (Ready to Prod. 18. ELEVATION (DF, RKB, RT, GR, E 19. ELEV. CASINGHEAD 10/13/98 6/18/98 6/10/98 7324 7325 22. IF MULTIPLE COMP 20. TOTAL DEPTH, MD & TVD PLUGBACK TD, MD & 1 INTERVALS CABLE TOOLS **HOW MANY*** DRILLED BY ₽ 4115' 3950' 2 no ves 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 1692'-1700', 1706'-1714', 1726'-1730', 1744'-1760', 1773'-1785', 1830'-1832', Yes 1907'-1928', 2046'-2056' Cabresto Canyon San Jose Ext. 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DSN-SDL, DIC-GR No CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LB/FT TOP OF CEMENT, CEMENTING RECORD DEPTH SET (MD) HOLE SIZE 8-5/8" 24 lb 525 12-1/4" cmt 300 sxs Class "H", circ 42 sxs to surface 15.5 lb 5-1/2" 4093 7-7/8" cmt 600 sxs, circulate 105 sxs to surface LINER RECORD **TUBING RECORD** TOP (MD BOTTOM (MD) DEPTH SET (MD) SIZE SACKS CEMENT SCREEN (MD) SIZE PACKER SET (MD) N/A 1.9" 1682 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size, and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 1692'-2056' 4 JSPF (324 holes) 1692'-2056' 4,810 gals 7-1/2% HCL Cabresto Canyon, San Jose Ext. frac 70,000lbs 12/20 sand **PRODUCTION** 33.* DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pum WELL STAT (Producing or Shut In) **Producing** 10/19/98 Flowing DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 10/12/98 3/8" TEST PERIOD n 409 24 N/A 24 FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 24-HOUR RATE 409 130 0 24 N/A 34. DISPOSITION OF GAS TEST WITNESSED BY (Sold, used for fuel, vented, etc.) Johnny Angel 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

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

Production Secretary

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 or representations as to any matter within its jurisdiction