Form 3160-5 FORM APPROVED (June 1990) Budget Bureau No. 1004-0135 Expires: March 31, 1993 **UNITED STATES** 5. Lease Designation and Serial No. DEPARTMENT OF THE INTERIOR MN-077281 **BUREAU OF LAND MANAGEMENT** 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir, 7. If Unit or CA. Agreement Designation Use "APPLICATION FOR PERMIT--" for such proposals SUBMIT IN TRIPLICATE Northeast Hogback Unit 1. Type of Well 8. Well Name and No. X Oil Wet Gas Well Other Northeast Hogback Unit #60 2. Name of Operato 9. API Well No. Vulcan Minerals & Energy, Inc. 30-045-30361 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area 650 N. Sam Houston Pkwy E. Suite 500 Houston, Tx 77060 (281) 931-3800 Horseshoe Gallup 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1310' FNL and 1310' FEL Sec. 10 T30N, R16W NMPM San Juan County, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Abandonment Change of Plans Notice of Intent Recompletion New Construction Plugging Back Non-Routine Fracturing X Subsequent Report Casing Repair Water Shut-Off Altering Casing Conversion to Injection Final Abandonment Notice Other **Production Casing** Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 08/19/01 Drilled 6-1/4" hole to 1807' Set 41/2", 9.5# J-55 casing to 1807' with 147 sacks of 11.5# / gal Halliburton lead cement and 81 sacks of Class "B" 15.6 #/ gal tail cement. Circulated to surface. Ran centralizers on 1st, 2nd, 3rd, 5th, 7th, 9th, 11th, 13th, 15th joints 08/20/01 PBED 1735' Perforated well from 1580' to 1620' with 4 shots/ foot. 14. I hereby sertify that the foregoing is true and correct 12 Signed Title Regulatory Compliance 09/07/01 Date Ken Jackson (This space for Federal or State office use) Approved by Title Date Conditions of approval, if any: 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 manner within its jurisdiction. *See Instruction on Reverse Side a⊨ar h≤ök RECÖn NMOCE