Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

Jicarilla Contract 117

6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Jicarilla Apache Use "APPLICATION FOR PERMIT - " for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well χ Gas 8. Well Name and No. Oil 9 Jicarilla 117E 2. Name of Operator ENERGEN RESOURCES CORPORATION 9. API Well No. 3. Address and Telephone No. 30-039-21197 2198 Bloomfield Highway, Farmington, NM 87401 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Blanco Mesaverde 1700' FSL. 1800' FWL. Sec. 33, T26N, R3W, N.M.P.M. 11. County or Parish, State Rio Arriba NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Water Shut-Off Casing Repair Final Abandonment Notice Altering Casing Conversion to Injection 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 details, and give 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.)* 2/10/00 MIRU. ND wellhead, NU BOP. TOH w/2-3/8" tubing. 2/11/00 TIH w/4-1/2" RBP & packer set RBP @ 6100'. Pump down backside 2 BPM @ 500#. 2/12/00 Locate hole in casing @.3900'. Establish rate of 3 BPM @ 900#. Squeeze w/200 sxs Class "B". 3% halad-344, 3#/sx gilsonite (238 cu ft). 2/14/00 Drill out cement from 3780'-3822'. 2/15/00 Drill cement from 3822'-3960'. 2/16/00 Drill cement from 3960'-4060'. Test casing, pump into @ 2500# @ 1/4 BPM. TOH. TIH & retrieve RBP. TOH. 2/17/00 RIH w/2-7/8" tubing & packer to 4310'. Frac Point Lookout w/54,000 gals 60 Q foam and 100,000# 20/40 Arizona sand @ 28 BPM, max press 4,000#, avg press 2861#, ISIP 1178#, 5 min 1036#, 10 min 963#, 15 min 837#. 2/18/00 Flow well to pit. 2/21/00 TOH w/tubing & packer. TIH w/2-3/8" tubing. Clean out sand from 6148'-6231'. 2/22/00 Tag fill @ 6200', clean out to 6465'. 2/23/00 TOH. TIH w/packer & RBP. Isolate leak @ 3995'-4026', pump into @ 1/2 BPM @ 1200#. Set packer @ 3650'. 2/24/00 Squeeze leak w/50 sx Class "B" neat (59 cu ft). 2/25/00 Drill cement from 3870'-4035'. Test to 500# OK. 2/26/00 TOH. TIH & pull RBP. Lay down 2-7/8" tubing. 2/28/00 Run 199 its 2-3/8" 4.7# J-55 tubing, set @ 6288', seat nipple @ 6255'. RDMO. 14. I hereby certify that the foregoing is true and correct Title Production Assistant Signed Lands and Mineral r (This space for Federal or State office use Lands and Mineral Resources 3-31-60 at ruin Approved by 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 matter within its jurisdiction