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Form 3160-5 (June 1990)

Drawer DD DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. NMNM83565 SUNDRY NOTICES AND REPORTS ON WELLS 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. Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Gas Well Well Other 8. Well Name and No. 2. Name of Operator CASSIDY FEDERAL #1 SOUTHWEST ROYALTIES, INC. 9. API Well No. 3. Address and Telephone No. 30-005-00192 P.O. BOX 11390, MIDLAND, TX 79702 (915) 686-9927 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) BUFFALO VALLEY 660' FSL & 660' FEL 11. County or Parish, State SEC 27, T-14S, R-27E CHAVES COUNTY, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent X Abandonment Change of Plans Recompletion **New Construction** Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off 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.) 6-15-95 SET CIBP @ 7420'; CIRC HOLE W/9.5# MUD; SPOTTED 10SX CMT 7420'-7273' 6-16-95 POH WITH TBG; CUT 4-1/2" CSG @ 5600'; POH W/4-1/2" CSG. SPOT 45 SX CLASS "C" W/2% CaCl2 @ 5680'; WOC; RIH; TAG TOP OF CMT @ 5502' PULL UP @ 2286'; PMPD 40 SX CLASS "C" CMT; TAG TOP OF CMT @ 2156'; SPOT 25 SX CLASS "C" @ 1507' & PULL UP 100' FS & CIRC CMT TO SURFACE. TAG TOP OF CMT @ 2156'; SPOT 25 SX CLASS C = 150.

AND CIRC CMT TO SURFACE. CUT OFF AND INSTALL 4'X 4" MARKER.

C = 22-95 6-22-95 TAG TOP OF CMT @ 2156'; SPOT 25 SX CLASS "C" @ 1507'; PULL UP 100' FS JH 1 0 1995 OIL CON. DIV. REGULATORY ASST 6-23-95 Approved by \_\_\_\_\_\_ Conditions of approval, if any: Title ROSWELL RAND STAND STAND STAND FILE STAND STAND FILE STAND STAND STAND FILE STAND STAND STAND FILE STAND STAND STAND STAND FILE STAND STAN

\*See Instruction on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency

or representations as to any matter within its jurisdiction