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Form 3160-5
 (June 1990)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
 NMNM83565

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 CASSIDY FEDERAL #1

9. API Well No.
 30-005-00192

10. Field and Pool, or Exploratory Area
 BUFFALO VALLEY

11. County or Parish, State
 CHAVES COUNTY, NM

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 SOUTHWEST ROYALTIES, INC.

3. Address and Telephone No.
 P.O. BOX 11390, MIDLAND, TX 79702 (915) 686-9927

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 660' FSL & 660' FEL
 SEC 27, T-14S, R-27E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

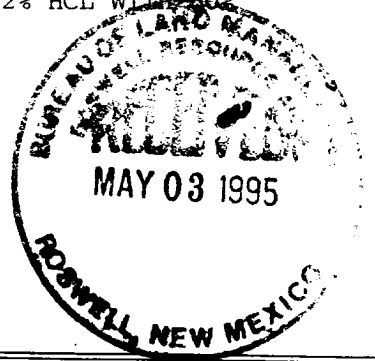
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other PERF & ACIZ
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

- 4-19-95 NU BOP, POH WITH 2 3/8" TUBING.
- 4-20-95 DRILL OUT AND RECOVER BAKER MODEL DB PACKER @ 7768'.
- 4-21-95 SET CIBP @ 7790'. DUMP BAIL 20' CMT ON CIBP. TOC @ 7770'.
- 4-24-95 PERF ATOKA ZONE 7749'-7754' WITH 20 HOLES. SET BAKER MODEL DB PERMANENT PACKER @ 7700'.
- 4-25-95 RUN 2-7/8" N-80 TUBING AND LATCH INTO PACKER @ 7700'. NU WH.
- 4-26-95 ACIDIZED PERFS 7749'-7754' WITH 1500 GALS 7-1/2% HCL WITH 50% CO-2. FLUSH WITH KCL AND CO-2.
- 4-27-95 FLOWED WELL BACK - WELL DIED.

RECEIVED
 MAY 11 1995
 OIL CON. DIV.
 DIST. 2



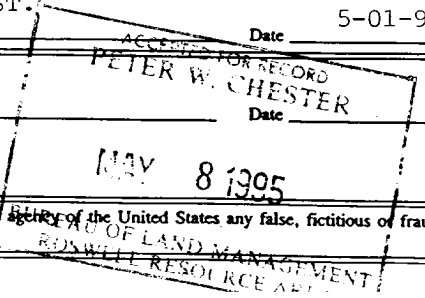
14. I hereby certify that the foregoing is true and correct

Signed Gate Ellison Title REGULATORY ASST. Date 5-01-95

(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 matter within its jurisdiction.

*See Instruction on Reverse Side