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 14-20-608-3531 **BUREAU OF LAND MANAGEMENT** 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS Navajo 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 Horseshoe Gallup Unit 1. Type of Well 8. Well Name and No. Oil Well WIW Gas Well X Other Horseshoe Gallup Unit #115 2. Name of Operator 9. API Well No. Central Resources, Inc. 30-045-10512 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P.O. Box 2810, Farmington, New Mexico 87499 (505)326-3325 Horseshoe Gallup 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 660' FSL, 1980' FWL, Section 20, T31N, R16W San Juan, New Mexico 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 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.)* Central Resources, Inc. plugged and abandoned the referenced well as outlined in Attachment "A" on December 11, 1997. ONL COM. DAY. DIST. 3 14. I hereby certify that the foregoing is true and correct Signed Title Production Engineer Date 12/18/97 Gregory E. McIntosh (This space for Federal or State office use) **JAN - 8 1998** Approved by 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.

Attachment "A"

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979 FARMINGTON, NM 87499 505-325-2627 • FAX: 505-325-1211

Central Resources, Inc.

December 15, 1997

Horseshoe Gallup Unit #115 660' FSL and 1980' FWL, Sec. 20, T-31-N, R-16-W San Juan County, NM BIA 14-20-600-3531

Plug & Abandonment Report

Cementing Summary:

Plug #1 with packer at 1422', mix 24 sxs Class B cement and pump down the 2-3/8" tubing, squeeze into Gallup perforations; displace to 1200'.

Plug #2 with 12 sxs Class B cement from 864' to 714' inside casing to cover tubing stub.

Plug #3 with 64 sxs Class B cement pumped down 4-12/2" casing from 148' to surface, circulate cement to surface.

Plugging Summary:

Notified BLM on 12/9/97

12-9-98 Road rig and equipment to location.

- 12-10-97Safety Meeting. RU rig and equipment; layout relief line to pit. Check well pressures: tubing 800# and casing 0#. Wait on new pit liner. Bleed tubing down; oil flowing to lined pit. Wait for vacuum truck to drain pit. Establish rate down tubing with water 2 bpm at 700#. Procedure change approved by W. Townsend with BLM to cement packer in well. Plug #1 with packer at 1422', mix 24 sxs Class B cement and pump down the 2-3/8" tubing, squeeze into Gallup perforations; displace to 1200'. Shut in well and WOC overnight. SDFD.
- 12-11-97Safety Meeting. RU A-Plus wireline truck. Open up well; no pressure. Attempt to RIH and tag cement; 1-13/16" cutter unable to go deeper than 860'. POH with cutter and add a sinker bar; change to a 1-11/16" tubing cutter. RIH but still unable to get deeper than 864'. J. Sanchez, BLM approved to cut tubing at 864'. Jet cut tubing at 864'. After cut, found wireline tools stuck in tubing. Attempt to work tools free. Cut 3/16" wireline at surface. ND wellhead and NU BOP, test. and POH with tubing; cutting wireline at each stand. POH with 29 joints 2-3/8" tubing and a 20' stub. Found wireline tool stuck in tubing tight spot and paraffin. RIH with tubing to 864' and load casing with water. Plug #2 with 12 sxs Class B cement from 864' to 714' inside casing to cover tubing stub. POH and LD tubing. Perforate 3 HSC squeeze holes at 148'. Establish circulation out bradenhead with 10 bbls water. Plug #3 with 64 sxs Class B cement pumped down 4-12/2" casing from 148' to surface, circulate cement to surface. Partially rig down, dig out and cut off wellhead. Mix 28 sxs Class B cement and install P&A marker.
- 12-12-97Safety Meeting. RD rig and equipment; move off location. Road rig and equipment to yard.
 - J. Sanchez, BLM was on location.