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** 14-20-60**3-**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. X Oil Well Gas Well Other Horseshoe Gallup Unit #116 2. Name of Operator 9. API Well No. Central Resources, Inc. 30-045-10510 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 615' FSL, 2110' FEL, 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 X Notice of Intent Recompletion New Construction Plugging Back Non-Routine Fracturing 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. plans to plug and abandon the referenced well as outlined in Attachment "A". 14. I hereby certify that the foregoing is true and correct Signed Title Production Engineer Grégory E. McIntosh (This space for Federal or State office use) WAYNE TOWNSEND Title 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 manner within its jurisdiction.

Plugging and Abandonment Procedure Horseshoe Gallup Unit No. 116 Attachment "A"

WELL DATA:

Location:

615' FSL, 2110' FEL, Section 20, T31N, R16W

San Juan County, New Mexico

TD:

1460'

. PBTD:

1425'

Surface Casing:

8-5/8", 24 ppf, J-55 set @ 103'. Cement w/ 115 sks cement.

Production Casing: 4-1/2", 9.5 ppf, J-55, set @ 1455'. Cement with 150 sks Pozmix.

Perforations:

1385' - 1391' and 1395' - 1402' w/ 4 JSPF

PROCEDURE:

- 1. Pull and lay down rods. TOH w/ tubing.
- 2. Trip in hole with cement retainer and set at 1300'.
- 3. Mix and pump 12 sacks (14.2 cuft) cement below cement retainer. Pull out of retainer and set 4 sack (4.7 cuft) plug on top of retainer.
- 4. TOH and lay down tubing.
- 5. Perforate squeeze hole at 153'.
- 6. Establish circulation down casing, through annulus and out bradenhead.
- 7. Mix and pump 44 sacks (51.9 cuft) cement down casing, through perforations, into annulus and out through bradenhead. Leave casing and annulus full of cement.
- 8. Cut off casing and install regulation dry hole marker.
- 9. Reclaim location as per BLM regulations.