

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
 Sundry Notices and Reports on Wells

2005 JUL 5 PM 2 25

**1. Type of Well**

Oil Well

**2. Name of Operator**

Vulcan Minerals &amp; Energy, c/o NMOCD Aztec District Office

**3. Address & Phone No. of Operator**

1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178

**4. Location of Well, Footage, Sec., T, R, M**

660' FSL and 660' FWL, Section 29, T-31-N, R-16-W

**5. Lease Number**

BIA #14-20-603-734

**6. If Indian, All. or****Tribe Name**

Navajo

**7. Unit Agreement Name**

Horseshoe Gallup

**8. Well Name & Number**

HSGU #45

**9. API Well No.**

30-045-10300

**10. Field and Pool**

Horseshoe Gallup

**11. County & State**

San Juan County, NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA****Type of Submission**☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment**Type of Action**☒ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☐ Other -☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection**13. Describe Proposed or Completed Operations**

A-Plus Well Service Plugged and Abandoned the above well NMSA 1978, Section 13-1-127, Purchase Agreement: 415210700028; Purchase Document: 05-199-000440.

6/23/05 MOL and RU rig. Unseat pump and hot oil rods and tubing. TOH and LD 47 - 3/4" rods. ND wellhead. NU BOP and companion flange. TOH and LD 37 joints 2.375" tubing. TIH with 4.5" casing scraper and A+ workstring to 647'. Unable to get deeper; TOH and LD scraper. TIH with open-ended tubing to 1327'. Circulate well clean with 22 bbls of water. Plug #1 with 54 sxs Type III cement (71 cf) inside the 4.5" casing from 1327' up to 547' to fill the Gallup perforations and to cover the top. TOH and LD all tubing. Shut in well.

6/24/05 Load casing with 3 bbls of water. Pressure test casing to 550#, held OK. RIH with wireline and tag cement at 600'. Perforate 3 holes at 147'. Establish circulation out the bradenhead with 16 bbls of water. Circulate 20 bbls of water, too oily. Pump an additional 10 bbls, still too oily. Pump an additional 10 bbls, clean water. Plug #2 with 57 sxs Type III cement (75 cf) pumped down the 4.5" casing from 147' to surface, circulate good cement out the bradenhead. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement at the surface in the 4.5" casing and in the annulus. Mix 15 sxs cement to fill casing and install P&A marker. RD and MOL.

D. Davis, NMOCD, was on location.

SIGNATURE

*William F. Clark*  
 William F. Clark

Contractor

June 27, 2005

**ACCEPTED FOR RECORD**

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

JUL 08 2005

Date

FARMINGTON FIELD OFFICE

BY

**OPERATOR**