

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

**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**

1350' FSL and 1250' FEL, Section 32, 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 #296

**9. API Well No.**

30-045-22101

**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: 05-199-000320.

12/10/04 MOL and RU rig. Well pressures: 0# tubing, 25# casing. Dig down and find bradenhead, 0#. Pull on rods and unseat pump. TOH and LD 1 rod. Shut in well.

12/13/04 Hot oil rods and tubing. POH and LD 43 - 3/4" rods. ND wellhead. NU BOP. TOH and LD 35 joints 2.375" tubing. TIH with A+ workstring and 5.5" casing scraper, stacked out 368'. Unable to get scraper deeper. TOH and LD scraper. TIH with 39 joints tubing and 10' sub to 1242'. Circulate casing clean with 35 bbls of water. Plug #1 with 66 sxs Type III cement (87 cf) inside the 5.5" casing from 1242' to 608' to isolate the Gallup interval. TOH and LD tubing. Shut in well.

12/14/04 RIH with wireline and tag cement at 655'. Perforate 3 squeeze holes at 200'. TIH with tubing to 380'. Circulate well clean with 6 bbls of water. Plug #2 with 103 sxs Type III cement (136 cf): 1<sup>st</sup> fill the inside of the 5.5" casing from 380' to surface, circulate cement out casing valve; 2<sup>nd</sup> shut in casing; and 3<sup>rd</sup> fill bradenhead annulus from 200' to surface, circulate good cement out bradenhead. ND BOP. Dig out around wellhead. Cut off wellhead. Found cement down 40' in the 5.5" casing and down 20' in the annulus. Mix 20 sxs cement to fill casing and annulus and then install P&A marker. RD and MOL.

H. Villanueva, NMOCD was on location.

SIGNATURE

*William F. Clark*  
 William F. Clark

Contractor

December 14, 2004

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

**ACCEPTED FOR RECORD****NMOCD****JAN 24 2005**

**FARMINGTON FIELD OFFICE**  
 BY *Jim*