

**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 & 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

778' FNL and 1863' FWL, 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 #44

9. API Well No.

30-045-10223

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.

3/8/05 MOL.

3/9/05 RU Rig. Check pressures: 50# tubing, 50# casing. Blow down and ND wellhead. Found rods in tubing below surface. NU wellhead. Attempt to unseat pump. Pull 32,000#, rods stuck in tubing. Pump hot water down casing. ND wellhead. NU BOP. Pull and LD 24 - 7/8" rods and 25 - 3/4" rods. TOH and LD 38 joints 2.875" tubing. Shut in well.

3/10/05 PU 20 joints A+ workstring and 4.5" casing scraper, stacked out at 663'. TOH and LD scraper. TIH open-ended tubing to 1264'. Load casing with 18 bbls of water and circulate well clean. Plug #1 with 53 sxs Type III cement (70 cf) inside the 4.5" casing from 1264' to 495' to fill the perforations and cover the Gallup interval. TOH and LD tubing. WOC.

3/11/05 TIH with tubing and tag cement at 636'. Load casing with 1 bbl of water. Pressure test to 500#, held OK. TOH and LD tubing. Perforate 2 bi-wire holes at 155'. Establish circulation to surface out the bradenhead valve with 3.5 bbls water. Shut in well, wait for oil to float to top of BH annulus. Circulate bradenhead annulus clean with 6 bbls of water. Plug #2 with 50 sxs Type III cement (66 cf) with 2.5% CaCl₂ pumped down the 4.5" casing from 155' to surface, circulate good cement out the BH valve; then pump 5 sxs cement into the BH annulus. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement down 7' in the 4.5" casing and at the surface in the annulus. Mix 15 sxs cement to fill casing and install P&A marker. RD and MOL. H. Villanueva, NMOCD was on location.

SIGNATURE

William F. Clark

Contractor

March 31, 2005

(This space for Federal or State Office use)

ACCEPTED FOR RECORD

APPROVED BY

Title

Date MAY 12 2005

CONDITION OF APPROVAL, if any:

NMOCD

FARMINGTON FIELD OFFICE
BY Jim