

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

2005 JUL 5 PM 2 26

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**  
660' FSL and 702' FWL, Section 30, 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

**Well Name & Number**  
HSGU #60

**API Well No.**  
30-045-10296

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	Type of Action	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

**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: 05-199-000441.

- 6/14/05 MOL and RU rig. Check well pressures: 0# on BH, 0# on casing. Unseat pump and hot oil rods and tubing with 40 bbls of water. TOH and LD 45 - 3/4" rods. Shut in well.
- 6/16/05 ND wellhead. NU BOP and companion flange, test. TOH and LD 35 joints 2.375" tubing. Shut in well.
- 6/17/05 TIH with casing scraper and A+ workstring to 1169'. TOH and LD scraper. TIH with 4.5" DHS CR and set at 1137'. Circulate the casing clean with 17 bbls of water. Pressure test casing to 500#, held OK. Sting into CR. Pump 80 bbls under the CR, then sting out. Plug #1 with CR at 1137', spot 25 sxs Type III cement (33 cf) inside the 4.5" casing above the CR up to 775' to isolate the Gallup interval. PUH. Shut in well.
- 6/20/05 Perforate 2 holes at 154'. Establish circulation to surface out bradenhead valve. Plug #2 with 57 sxs Type III cement (75 cf) pumped down the 4.5" casing from 154' to surface, circulate good cement out the bradenhead. TOH and LD all tubing. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement at the surface in both the 4.5" casing and in the annulus. Mix 15 sxs cement to fill casing and install P&A marker. RD and MOL.

SIGNATURE William F. Clark Contractor

June 21, 2005

(This space for Federal or State Office use)

ACCEPTED FOR RECORD

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Date JUL 08 2005

FARMINGTON FIELD OFFICE

BY

NMOCD