

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

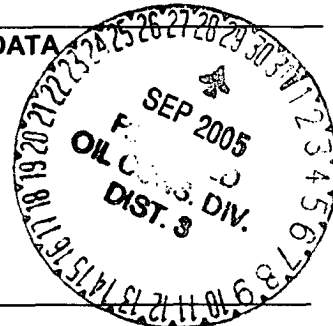
Sundry Notices and Reports on Wells

2005 SEP 28 PM 1:44

<p style="text-align: center;">RECEIVED 070 FARMINGTON NM</p> <p>1. <b>Type of Well</b> Oil Well</p> <hr/> <p>2. <b>Name of Operator</b> Vulcan Minerals &amp; Energy, c/o NMOCD Aztec District Office</p> <hr/> <p>3. <b>Address &amp; Phone No. of Operator</b> 1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178</p> <hr/> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b>  660' FNL and 660' FWL, Section 32, T-31-N, R-16-W</p>	<p>5. <b>Lease Number</b> BIA #14-20-603-734</p> <p>6. <b>If Indian, All. or Tribe Name</b> Navajo</p> <p>7. <b>Unit Agreement Name</b> Horseshoe Gallup</p> <p>8. <b>Well Name &amp; Number</b> HSGU #4</p> <p>9. <b>API Well No.</b> 30-045-10228</p> <p>10. <b>Field and Pool</b> Horseshoe Gallup</p> <p>11. <b>County &amp; State</b> San Juan County, NM</p>
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**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<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"/> 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: 06-199-000309.

8/25/05 MOL and RU rig. Check well pressures: 0# on casing, 0# on BH, 40# on tubing. Blow tubing down. ND wellhead. Release packer. Strip on BOP. Shut in well.

8/26/05 Open well; tubing flowing oil. Pump 100 bbls of water down tubing to flush oil. TOH and LD 35 joints 2.375" tubing with Baker Model "A" packer. Round trip 5.5" casing scraper and A+ workstring to 1075'. TIH and set 5.5" CR at 1043'. Sting out of CR. Circulate casing clean with 25 bbls of water. Pressure test 5.5" casing to 625#, held OK. Plug #1 with CR at 1043', spot 37 sxs Type III cement (49 cf) inside casing from 1043' to 685' to isolate the Gallup interval. TOH and LD tubing. Perforate 2 holes at 151'. Establish circulation out bradenhead valve to surface. Note: had oily returns, circulate total of 37 bbls of water over 1 hour to circulate BH annulus clean. Plug #2 with 49 sxs Type III cement (65 cf) pumped down the 5.5" casing from 151' to surface, circulate good cement out the bradenhead. Shut in well. WOC. ND BOP. Dig out and cut off wellhead. Found cement at the surface. Mix 15 sxs cement to fill annulus and install P&A marker. RD and MOL.

H. Villanueva, NMOCD was on location.

SIGNATURE

*William F. Clark*  
William F. Clark

Contractor

September 8, 2005

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

SEP 27 2005

Date

NMOCD

BY

*Sin*