

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

8

2005 APR 6 PM 12 03

**1. Type of Well**

Oil Well

**2. Name of Operator**

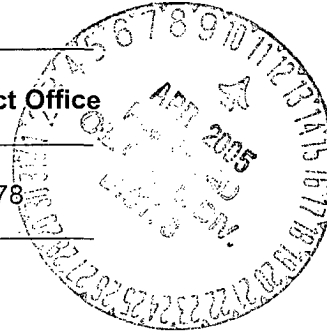
Vulcan Minerals &amp; Energy, c/o NMOCD Aztec District Office

**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**

50' FNL and 50' FEL, Section 23, T-31-N, R-17-W

RECEIVED  
070 FARMINGTON NM

5. **Lease Number**  
BIA #14-20-603-2022
6. **If Indian, All. or Tribe Name**  
Navajo
7. **Unit Agreement Name**  
Horseshoe Gallup
8. **Well Name & Number**  
HSGU #291
9. **API Well No.**  
30-045-22102
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: 05-199-000321.

2/9/05 MOL and RU rig.

2/10/05 Check pressures: 0# tubing, 0# casing, 0# bradenhead. Pull and LD one rod. Hot oil rods and tubing. TOH and LD 61 - 7/8" rods. ND wellhead. NU BOP. TOH and LD 49 joints 2.875" tubing. Round-trip 5.5" casing scraper to 1485'. TIH with tubing and set 5.5" cement retainer at 1485'. Sting out of CR. Load casing with 35 bbls water and circulate well clean. Sting into CR and establish rate 1.5 bpm at 1000#. Sting out of CR. Pressure test 5.5" casing to 500#, held OK. Sting into CR. Shut in well.

2/11/05 Establish rate below CR into perforations 0.25 bpm at 1300#. Sting out CR. Plug #1 with CR at 1485', spot 41 sxs Type III cement (54 cf) inside casing above CR up to 1092' to isolate the Gallup interval. TOH and LD tubing. Perforate 3 holes at 193'. Attempt to establish circulation out of the bradenhead, pressured up to 1000#. Connect pump line to BH valve. Pump down bradenhead and establish circulation out casing, pressured up to 1000#. Bled down to 250# in 5 minutes. Procedure change approved by BLM. Perforate 3 holes at 75'. Establish circulation out bradenhead with water. Circulate BH annulus clean with 4 bbls of water. Plug #2 with 44 sxs Type III cement (58 cf) pumped down the 5.5" casing from 75' to surface, circulate good cement out bradenhead valve. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement down 15' in the 5.5" 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

February 14, 2005

**ACCEPTED FOR RECORD**

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

APR 08 2005  
DateFARMINGTON FIELD OFFICE  
BY 

NMOCD