

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

1980' FSL and 2060' 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 #54

API Well No.
30-045-10327

8. Field and Pool
Horseshoe Gallup

9. 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: 05-199-000441.

- 4/5/05 MOL and RU rig. Well pressures: 0# casing, 0# bradenhead. ND wellhead. NU BOP. Pick up and TIH with A+ tubing workstring and 4.5" casing scraper to 1168'. TOH and LD scraper. Shut in well.
- 4/6/05 TIH with 4.5" DHS CR, stacked out at 886'. Procedure change approved by BLM. TOH and LD CR. TIH with open-ended tubing to 1369'. Circulate casing clean with 26 bbls of water. Plug #1 with 50 sxs Type III cement (66 cf) with 2% CaCl₂ inside the casing from 1369' to 645' to fill the Gallup perforations and cover the Gallup top. TOH with tubing. Shut in well and WOC. TIH with tubing and tag cement at 948'. Load casing with 19 bbls of water and circulate well clean. Plug #1a with 18 sxs Type III cement (24 cf) inside the 4.5" casing from 948' to 687' to cover the Gallup top. PUH and shut in well. WOC overnight.
- 4/7/05 TIH with tubing and tag cement at 737'. TOH and LD tubing. Load casing with 2 bbls of water. Pressure test casing to 500#, held OK. Perforate 2 bi-wire holes at 152'. Circulate bradenhead annulus clean with 10 bbls of water. Let oil separate in annulus. Plug #3 with 60 sxs Type III cement (79 cf) with 1.5% CaCl₂ inside the 4.5" casing from 152' to surface, circulate good cement out bradenhead. Surface casing has a hole in it at the surface and cement was circulating outside the casing filling the wellhead/cellar. Used #155 to vacuum cement slurry out of the cellar. ND BOP. Dig out and cut off wellhead. Found cement down 6' in the 4.5" casing and down 8' in the annulus. Mix 10 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

Contractor

April 15, 2005

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

MAY 23 2005

NMOCD

FARMINGTON FIELD OFFICE
BY Sm