

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

2004 SEP 8 PM 1 50

1. **Type of Well**
WIW

RECEIVED
070 FARMINGTON NM

5. **Lease Number**
BIA #14-20-603-734

6. **If Indian, All. or
Tribe Name**
Navajo

7. **Unit Agreement Name**
Horseshoe Gallup Unit

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

8. **Well Name & Number**
HSGU #23

9. **API Well No.**
30-045-10388

4. **Location of Well, Footage, Sec., T, R, M**
2080' FNL and 1980' FWL, Section 29, T-31-N, R-16-W,

10. **Field and Pool**
Horseshoe Gallup Unit
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

☐ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Recompletion

☐ New Construction

☒ Subsequent Report

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☐ 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: 04-521-0700028; Purchase Document: 04-199-000613.

7/28/04 MOL. RU rig. Relief line to steel pit. No well pressure. ND wellhead. Release packer. NU BOP with flange and tubing head, test. Pull up 8'. Packer hung up. Tried to work packer free. Pump 15 bbls water down tubing and circulated out casing. Tried to work packer free. Pump 1/2 bbl down casing. Pressured up to 500#. Pull up to 55,000#; sheared packer. LD tubing and packer mandrel. SI well.

7/29/04 No pressure. PU and TIH with 35 joints 2-3/8" A+ workstring and round-trip 5-1/2" casing scraper to 1113'. TIH with tubing and 5-1/2" DHS cement retainer to 1113'. Sting out of retainer. Load casing and circulate well clean with 26 bbls of water. Pressure test casing to 500# for 5 minutes, held OK. Sting into retainer and inject fluid from pit below retainer, displace to CR. Sting out of retainer. Plug #1 with CR at 1113', spot 38 sxs (50 cf) cement inside casing above CR up to 747' to isolate the Gallup interval. TOH and LD tubing. Perforate squeeze holes at 154'. Establish circulation out bradenhead with 3 bbl of water. Pump additional 8 bbls of water to circulate BH annulus clean. Plug #2 with 47 sxs (62 cf) cement pump down 5-1/2" casing from 154' to surface, circulate good cement out bradenhead. ND BOP. Dig out and cut off wellhead. Found cement 15' in the 5-1/2" casing in the casing and at the surface in the annulus. Mix 10 sxs (13 cf) cement to fill casing and install P&A marker. RD and MOL. H. Villanueva, NMOCD; W. Ashley, Navajo Minerals; G. Shay, Navajo Minerals; and V. Jameson, BLM were on location.

SIGNATURE William F. Clark Contractor

August 15, 2004

ACCEPTED FOR RECORD

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

SEP 14 2004
Date

CONDITION OF APPROVAL, if any:

FARMINGTON FIELD OFFICE
BY nmocd