

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

727' FNL and 702' FEL, 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

8. Well Name & Number

HSGU #41

9. API Well No.

30-045-10418

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: 05-199-000440.

3/11/05 MOL.

3/14/05 RU rig. Check pressures: 0# tubing, 0# casing, 0# bradenhead. No hot oil truck available. Inject 240 bbls waste fluid into HSGU #6. Service rig and 2 trucks.

3/15/05 Continue to inject waste fluid into HSGU #6 - 120 bbls. Service other trucks and equipment.

3/16/05 Pull on rods and unseat pump. LD 1- 5/8" rod. Hot oil tubing. TOH and LD 49 - 5/8" rods. ND wellhead. NU BOP. TOH and LD 41 joints 2.375" tubing. PU A+ 2.375" workstring and round trip 4.5" casing scraper, 1200'. TIH with 4.5" DHS CR, stacked out at 821'. Procedure change approved by BLM (set CR at 821'). Set CR at 821'. Load casing with 14 bbls of water and circulate well clean. Pressure test 4.5" casing to 500#, held OK. Sting into CR. Establish rate 1.5 bpm at 700#. Pump 10 bbls under the CR. Plug #1 with CR at 821', mix and pump 50 sxs Type III cement (66 cf), squeeze 40 sxs under the CR to fill the Gallup perforations and casing from 1393' to 821', leave 10 sxs above the CR up to 821' to isolate the Gallup interval. TOH and LD tubing. WOC.

3/17/05 Perforate 2 bi-wire holes at 136'. Circulate bradenhead annulus with 7 bbls of water. Shut in well. Wait for oil to work its way out to the surface. Circulate bradenhead annulus clean with 5 bbls of water. Plug #2 with 47 sxs Type III cement (62 cf) with 2-1/2% CaCl₂ inside the 4.5" casing from 136' to surface, circulate good cement out the bradenhead. 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 10 sxs cement to install P&A marker. RD and MOL. H. Villanueva, NMOCD, and W. Ashley, NNMD, was on location.

SIGNATURE

William F. Clark
William F. Clark

Contractor

March 31, 2005

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

OPERATOR

ACCEPTED FOR RECORD

MAY 04 2005

FARMINGTON FIELD OFFICE
BY *crs*