

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

2005 APR 8 6 10 18

1. Type of Well

Oil Well

2. Name of Operator

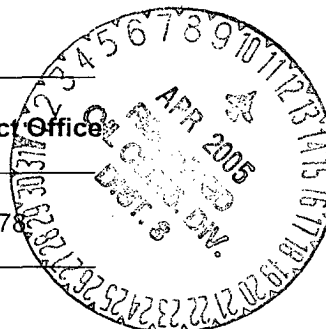
Vulcan Minerals & Energy, c/o NMOCD Aztec District Office

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

660' FNL and 1980' FWL, Section 29, T-31-N, R-16-W,

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
8. **Well Name & Number**
HSGU #36
9. **API Well No.**
30-045-10429
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.

- 1/14/05 MOL and RU rig. Dig out bradenhead. Check pressures: 0# tubing, 30# casing, 0# bradenhead. Pull on rods and unseat pump. POH and LD one rod. Shut in well.
- 1/17/05 Hot oil rods and tubing. Pump on tubing, pressure up to 1000#. Load casing with 40 bbls of water and circulate well clean. POH and LD 48 - 5/8" rods. ND wellhead. NU BOP with companion flange. When breaking original wellhead form 4.5" casing, had to back up 4.5" casing from spinning, casing parted(?). TOH and LD 39 joints 2.375" tubing. Procedure change approved by Steve Mason. TIH with open ended workstring to 1202'. Circulate casing clean with 15 bbls of water. Plug #1 with 42 sxs Type III cement (55 cf) inside the 4.5" casing from 1202' to 595' to isolate the Gallup interval. TOH and LD tubing. Shut in well.
- 1/18/05 RIH with wireline and tag cement at 648'. Perforate 3 squeeze holes at 146'. Attempt to establish circulation out bradenhead. Fluid coming up around outside of wellhead. Procedure change approved by NMOCD to dig out around wellhead to determine where fluid was coming from. ND BOP. Put swedge on 4.5" casing with valve. RD rig. Dig out around wellhead with backhoe. Found hole down 3' in 8.625" casing. Plug #2 with 50 sxs Type III cement (66 cf) pumped down the 4.5" casing from 146' to surface, circulate good cement out bradenhead and casing leak. Shut in well and WOC. ND BOP. Dig out around wellhead. Cut off wellhead. Found cement at the surface in the 4.5" casing and in the annulus. Mix 5 sxs cement to fill casing and annulus and then install P&A marker. RD and MOL.
W. Ashley, NNMD, was on location.

SIGNATURE

William F. Clark
William F. Clark

Contractor

January 19, 2005

(This space for Federal or State Office use)

ACCEPTED FOR RECORD

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

APR 08 2005

NMOCD

FARMINGTON FIELD OFFICE
BY *Jm*