

submitted in lieu of Form 3160-5

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

RECEIVED

070 Farmington, NM

1. Type of Well  
Oil

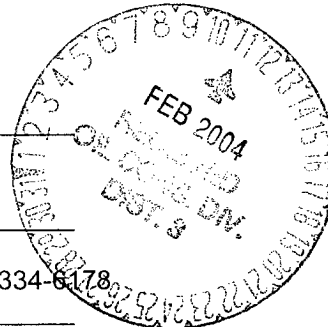
2. Name of Operator  
playa  
Vulcan Minerals and Energy Incorporated

3. Address & Phone No. of Operator  
c/o NMOCD, 1000 Rio Brazos Road, Aztec, NM 87413, 334-6178

Location of Well, Footage, Sec., T, R, M

1950' FSL and 1980' FWL, Sec. 32, T-31-N, R-16-W,

5. Lease Number  
14-20-603-734  
6. If Indian, All. or  
Tribe Name  
Navajo  
7. Unit Agreement Name  
Horseshoe Gallup  
8. Well Name & Number  
Horseshoe Gallup #50  
9. API Well No.  
30-045-10134  
10. Field and Pool  
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 this well on January 8, 2004.

This work was done for the New Mexico Oil Conservation Division under the

Price Agreement - PA Number 41-521-07-00028. Purchase Document - 04-199-000-444

See the attached report for work details

14. I hereby certify that the foregoing is true and correct.

Signed William F. Clark Title Contractor Date 1/22/04

(This space for Federal or State Office use) APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

FEB 05 2004

NMOCD

FARMINGTON FIELD OFFICE  
BY Jim

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

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Vulcan Minerals and Energy  
c/o New Mexico Oil Conservation Division Aztec District

January 15, 2004

## Horseshoe Gallup Unit #50

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1950' FSL & 1980' FWL, Section 32, T-31-N, R-16-W

San Juan County, NM

## Plug and Abandonment Report

Lease Number: 14-20-603-734, API #30-045-10134

### Cementing Summary:

**Plug #1** with CR at 1040', spot 24 sxs cement inside 4-1/2" casing above CR up to 730' to isolate the Gallup perforations and top.

**Plug #2** with 63 sxs cement pumped down 4-1/2" casing from 149' to surface, circulate good cement out bradenhead valve.

### Plug and Abandonment Summary:

Notified BLM on 1/02/04

1/02/04 MOL & attempt to RU. Ground soft due to oil contamination, rig jack sinking. RD and wait for steel/oak mat board from Farmington. Spot mat and RU. SDFD.

1/05/04 Held Safety meeting. Lay relief line to steel pit. Open up well and blow down casing pressure. Hung rods off and unseat pump. LD polish rod and pony rods. Rig up hot oil unit and pump 5 bbls hot water down tubing, established circulation out casing. Well tubing has shallow leak. RD hot oil unit. POH and LD 1-1/4" polish rod with 1-1/2" liner, 4 pony rods, 45 7/8" rods and 2-1/2"x1-3/4"x18' pump. Dig out bradenhead valve and found nipple broken, replaced nipple and valve. ND wellhead and remove. Install rental tubing head and companion flange. NU BOP and test. TOH and LD 36 joints 2-7/8" EUE tubing, SN and 1 tail joint. Total 37 joints 2-7/8" tubing. Note: tubing very badly rod cut, many joints with 6' splits/worn area from rod boxes. Shut in well and SDFN.

1/06/04 Held Safety meeting. Prepare handling tools for rental 2-3/8" workstring. PU and TIH with 4-1/2" casing scraper to 1040'. TOH and LD scraper. TIH with 4-1/2" DHS cement retainer and set at 1040'. Sting off CR and load casing. Circulate well clean with 20 bbls water. No pressure test, well circulating out bradenhead valve. Plug #1 with CR at 1040', spot 24 sxs cement inside 4-1/2" casing above CR up to 730' to isolate the Gallup perforations and top. PUH to 440'. Shut in and WOC.

1/07/04 Held Safety meeting. No pressure. TIH and tag cement at 735'. Pressure test casing to 500#, bleed down. TOH and LD tubing. Perforate 2 bi-wire squeeze holes at 149'. Establish circulation out bradenhead with 1/4 bbl water and circulate annulus clean with 10 bbls. Plug #2 with 63 sxs cement pumped down 4-1/2" casing from 149' to surface, circulate good cement out bradenhead valve. Shut in well and WOC. Dig out and attempt to cut off wellhead. SDFN.

1/08/04 Held Safety meeting. Finish cutting off wellhead. Found cement down 14' in 4-1/2" casing and at surface in annulus. Mix 16 sxs cement to fill casing and install P&A marker. RD. MOL.

W Ashley with Navajo BLM and H Villanueva with NMOCD were on location.