

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 2004 SEP 21 PM 12 13

RECEIVED
070 FARMINGTON, NM
6. Lease Number
BIA #14-20-603-734

1. Type of Well
Oil Well

7. If Indian, All. or
Tribe Name
Navajo

2. Name of Operator
Vulcan Minerals and Energy, C/O NMOCD Aztec District Office

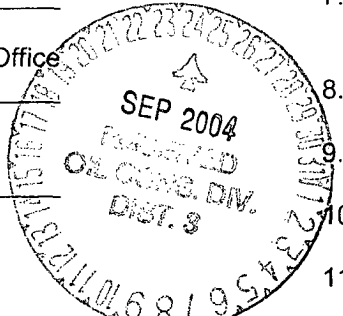
7. Unit Agreement Name
Horseshoe Gallup Unit

3. Address & Phone No. of Operator
1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178

8. Well Name & Number
HSGU #33

4. Location of Well, Footage, Sec., T, R, M
660' FNL and 417' FEL, Section 29, T-31-N, R-16-W,

8. API Well No.
30-045-60050
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	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.

- 8/2/04 MOL and RU. Relief line to steel pit. NU BOP. SDFD.
- 8/3/04 Open well, no pressure. RU hot oil unit. Pump 50 bbls hot water down tubing and circulate out casing. LD 50 - 5/8" rods and pump. ND wellhead. NU BOP and flange, test. LD 42 joints 2-7/8" tubing. Tally and PU 38 joints A+ workstring and round-trip 4-1/2" casing scraper to 1208'. Shut in well.
- 8/4/04 No pressure. TIH with tubing and set 4-1/2" DHS cement retainer at 1208'. Sting out of CR. Establish circulation and circulate well clean with 18 bbls of water. Pressure test casing to 500# for 5 minutes, held OK. Sting into retainer and pump fluid below retainer, displace to CR. Sting out of retainer. Plug #1 with CR at 1208', spot 25 sxs Type III cement (33 cf) inside casing above CR up to 846' to isolate the Gallup interval. TOH and LD tubing. Perforate 2 squeeze holes at 150'. Establish circulation out bradenhead and circulate with 4 bbl of water. Pump additional 3 bbls of water to circulate out casing. Pump additional 8 bbls of water to circulate BH annulus clean. Plug #2 with 50 sxs Type III cement (66 cf) pumped down 4-1/2" casing from 150' to surface, circulate good cement out bradenhead. ND BOP. Dig out and cut off wellhead. Found cement at surface in casing and annulus. Mix 10 sxs cement to fill casing and install P&A marker.

H. Villanueva, NMOCD; W. Ashley, Navajo Minerals; and G. Shay, Navajo Minerals were on location.

SIGNATURE William F. Clark Contractor

ACCEPTED FOR RECORD
August 15, 2004

SEP 22 2004

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

FARMINGTON FIELD OFFICE
BY _____ Date _____

NMOCD