

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator *Vulcan Minerals & Energy*

*% NMOC*

3a. Address *1000 Rio Brazos Rd.*

*Aztec, NM 87410*

3b. Phone No. (include area code)

*334-6178*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

*Sec. 30, T. 31 N., R. 16 W.*

*1378/S - 1330/E*

5. Lease Serial No.

*14-20-603-734*

6. If Indian, Allottee or Tribe Name

*Navajo*

7. If Unit or CA/Agreement, Name and/or No.

*Horseshoe Gallup*

8. Well Name and No.

*294 HGU*

9. API Well No.

*30045 22099*

10. Field and Pool, or Exploratory Area

*Horseshoe Gallup*

11. County or Parish, State

*San Juan NM*

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

*See attached*



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

Name (Printed/Typed)

*NMOC CONTRACT Plugging*

Title

Signature *NMOC*

Date

*6/9/03*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

*NOTED FOR RECORD*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*JUN 10 2003*

**NMOC**

**ARMINGTON FIELD OFFICE**  
*Shm*

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**Oil Conservation Division**

**Sundry Notices and Reports on Wells**

070 Farmington, NM

<b>1. Type of Well</b> GAS	<b>API # (assigned by OCD)</b> 30-045-22099
	<b>5. Lease Number</b> 14-20-603-734
	<b>6. State Oil&amp;Gas Lease #</b>
<b>2. Name of Operator</b> Vulcan Minerals and Energy Incorporated	<b>7. Lease Name/Unit Name</b> Horseshoe Gallup
	<b>8. Well No.</b> #294
<b>3. Address &amp; Phone No. of Operator</b> c/o NMOCD, 1000 Rio Brazos Road, Aztec, NM 87413	<b>9. Pool Name or Wildcat</b> Gallup
<b>4. Location of Well, Footage, Sec., T, R, M</b> 1378' FSL & 1330' FEL, Sec. 30, T-31-N, R-16-W, NMPM, San Juan County	<b>10. Elevation:</b>

**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 under an emergency procurement to NMSA 1978, Section 13-1-127. Contract Number: 03-521-0700-0200.

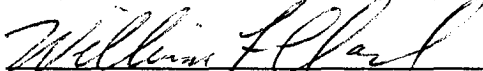
4-30-03: MOL and RU. Pressure test tubing to 500#, OK.

5-01-03: POH and LD 1-20' polish rod with stuffing box, 1-1', 1-4' and 1-10' 7/8" pony rods and 47 7/8" rods with 1 top HD pump. TOH with 40 joints 2-7/8" tubing with SN. Set 5-1/2" PlugWell CIBP at 1100'. TIH with tubing to 1100'. Pressure test casing to 500#, held OK. Plug #1 with CIBP at 1100', spot 32 sxs cement inside casing above CIBP up to 828'. TOH and LD tubing. Perforate at 189'. Attempt to establish circulation, pressured up to 1500#. Hooked up to bradenhead then pumped 1/4 bbl, pressured up to 600#. Perforate 2 squeeze holes at 100' as required by BLM. Attempt to establish rate, pressured up to 500#. Procedure change approved by NMOCD and Navajo Nation representatives on location. TIH with tubing to 256'. Plug #2 spot 40 sxs cement inside casing from 256' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC.

5-02-03: Open up well. Tag cement at 12' in 5-1/2" casing. Cut off wellhead. Found cement at surface in annulus. Mix 16 sxs cement and install P&A marker. MOL.

B. Martin, NMOCD and D. Bennallie, NN, were on location.

SIGNATURE

  
William F. Clark

Contractor

May 8, 2003

**(This space for State Use)**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_