

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14206032037
2. Name of Operator VULCAN MINERALS & ENERGY INC		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO, SHIP ROCK
3a. Address 10777 WESTHEIMER, SUITE 1100 HOUSTON, TX 77042		7. If Unit or CA/Agreement, Name and/or No. NNNM78393X
3b. Phone No. (include area code) Ph: 505.599.4068 Fx: 505.326.9880		8. Well Name and No. HGU 98
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T31N R17W NESW 1980FSL 1980FWL 36.88431 N Lat, 108.58440 W Lon		9. API Well No. 30-045-10546-00-S1
		10. Field and Pool, or Exploratory HORSESHOE
		11. County or Parish, and State SAN JUAN COUNTY, NM

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

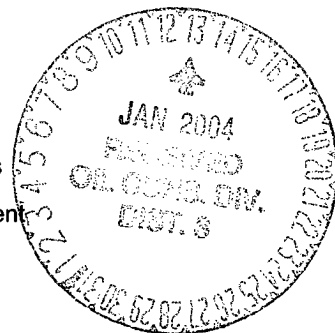
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/>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

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 recompletion 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.)

(11/17/03) MIRU. PU polish rod and LD, no rods in hole. Screw off wellhead cap. PU on tubing and release slips. Install companion flange and NU BOP, test. TOOH and tally sub, 40 joints 2-7/8" tbg, SN and 15' tail joint. Tubing landed at 1249'. Round-trip 5-1/2" casing scraper to 1200'. TIH and set 5-1/2" DHS cement retainer at 1200'. Pressure test tubing to 1000#. Pressure test casing to 500#. Shut in well. SDON.

(11/18/03) Plug #1 with retainer at 1200', spot 40 sxs cement inside casing above retainer up to 847' to isolated the Gallup perforations. TOOH with tubing. RU A-Plus wireline unit. Perforate 2 squeeze holes at 153'. Establish circulation out bradenhead with 10 bbls water. Plug #2 with 74 sxs cement pumped down the 5-1/2" casing from 153' to surface, circulate good cement returns to surface. Shut in well and WOC for 4 hours. ND BOP. Dig out and cut off wellhead. Mix 20 sxs cement to fill casings and install P&A marker. RD. Rig released.

R. Maurer, Burlington Resources representative was on location.



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #26628 verified by the BLM Well Information System For VULCAN MINERALS &amp; ENERGY INC, sent to the Farmington Committed to AFMS for processing by STEVE MASON on 01/08/2004 (03SXM0896S)</b>	
Name (Printed/Typed) TAMMY WIMSATT	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 01/07/2004

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	STEPHEN MASON Title PETROLEUM ENGINEER	Date 01/08/2004
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 Farmington

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*****NMOCD**

**Additional data for EC transaction #26628 that would not fit on the form**

**32. Additional remarks, continued**

D. Bennalie, Navajo Nation representative was on location.  
Well was plugged and abandoned 11/18/03.