

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	3b. Phone No. (include area code) Ph: 505.599.4068 Fx: 505.326.9880	7. If Unit or CA/Agreement, Name and/or No. NMNM78393X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T31N R17W NESE 1900FSL 0660FEL 36.88406 N Lat, 108.57565 W Lon		8. Well Name and No. HGU 100
		9. API Well No. 30-045-10559-00-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 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 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.)

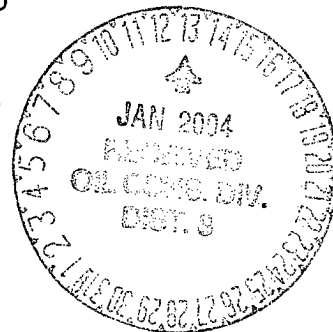
(11/21/03) MIRU. Dig out bradenhead valve. Open up well, no pressure. PU on rods, unseat pump; LD sub and rods. SI well. SDON.

(11/22/03) RU Mote hot oil truck. Hot oil tubing by pumping 40 bbls hot water down tubing to circulate 20 bbls of oil to pit. Circ oil out of csg. Shut in well. SDON.

(11/24/03) LD polish rod. TOO H and LD sub, rods, sub and pump with strainer nipple. Then LD pump. Remove wellhead cap. PU on tubing and release tubing slips. Install companion flange and NU BOP, test. TOO H and tally 44 joints 2-3/8" tubing, SN and 15' mud anchor. Tubing landed at 1418'.

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#. Plug #1 with retainer at 1200', spot 30 sxs cement inside casing above retainer up to 935' to isolate the Gallup perforations. TOO H with tubing. Shut in well. SDON.

(11/25/03) RU pump on casing and load hole. RU A-Plus wireline unit. Perforate 2 squeeze holes at



11/25

14. I hereby certify that the foregoing is true and correct. Electronic Submission #26630 verified by the BLM Well Information System For VULCAN MINERALS & ENERGY INC, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 01/08/2004 (03SXM0899S)	
Name (Printed/Typed) TAMMY WIMSATT	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 01/07/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED Approved By _____		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 #26630 that would not fit on the form

32. Additional remarks, continued

154'. Establish circulation out bradenhead. Plug #2 with 75 sxs cement pumped down the 5-1/2" casing from 154' to surface, circulate good cement returns out bradenhead. Shut in well and WOC 3 hours. Dig out wellhead. ND BOP. Cut off wellhead. Found cement down 2' in annulus and at surface in 5-1/2" casing. Mix 20 sxs cement to fill annulus and install P&A marker. RD. Rig released.

R. Maurer, Burlington Resources representative was on location.

W. Ashley, Navajo Nation representative was on location.

Well was plugged and abandoned 11/25/03.