Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 200

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apai	1aonea	weii.	USEr	orm 316	U-3 (APL	<i>)} 101 \$</i> L	ICN Pro	DOSAIS.

SUBMIT IN TRIPLICATE - Other instructions

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14-	20	<b>,</b> –	600	-	35	3	į

to re-enter an uch proposals.	6. If Indian, Allottee or Tribe Name		
on reverse side	7. If Unit or CA/Agreement, Name and/or No.		
	Horseshoe Gallup		

1. Type of Well		Horseshoe Gallup
Oil Well Gas Well Other Inj		8. Well Name and No.
2. Name of Operator Vulcan Mineral Sa	89 HGU	
% NMOCD	<del></del>	9. API Well No.
3a. Address 1000 Rro Brazos Rd.	3b. Phone No. (include area code)	30045-10658
Azrec, NM 87410	334-6178	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descri	Horseshoe Gallup	
Sec. 19-T. 31N., RIGW.		11. County or Parish, State
680/N2 682/W		San Juna Nm

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION		TY	PE OF ACTION			
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal	Water Shut-Off Well Integrity 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 recomplete 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.)

See attached PaA procedure

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	
NMOCO CONTract Plugging	Title
Signature NMOCO	Date 4/10/0 3
THIS SPACE FOR FEDERA	LORSTATE OFFICE USE
Approved by Original Signed: Stephen Mason	Title Date 4/10/03
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	nt or lease Office US EPA Region 9 1/22/04

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.

SEC., TWN, RNG. 19-31 N-16W

Mesararde (Point Lookour)		8 5/8	24 <sup>#</sup>
		100	? <b>'</b>
Maneos	132'	Plu-	182 - Surtain
			10.96 (1.18) = 14 sxs
			4.3899 (1.18)= 16 845
			4046 (11/8) = 21 585
en de la companya de La companya de la co			•
			177/ 2-2 66
		Toc	2 627' 25% eff
			k.
			50-1127
Gallup	1179	(350-112	9 +50/10.96(1.18) =215xs
		BP@ 13	50′
	•		+ @ 1442'-1456'
			· · · / // - /458
		'\L \L \\\ 4 \/2 "	9.5-#

OOKFACE	<u>CASING</u>
SIZE HOLE	ıl .
SIZE CASING.	"- "
Annilar Volume	f+3/L;
Cement	SK
Valume	<u>3</u>

INTERMEDIATE CASINE SIZE HOLE \_\_ SIZE CASING \_ Annukar Volume \_ Cement Volume

1506'

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order\_No 30-045-10658 HORSESHOE GALLUP UNIT 089 PLAYA MINERALS & ENERGY INC 1 A San Juan D 19 31 N 16 W 680 N 682 W R-2210

api\_number status csg\_1 csg\_1q csg\_1d csg\_2 csg\_2q csg\_2d csg\_3 csg\_3q csg\_3d liner\_size liner\_quan tubing t\_set\_dept csg\_perf 30-045-10658 WI 8 5/8 100 125S 4 1/2 1506 150S 2 7/8 1454 1440-56

Procedure

MIRU, NUBOPE,

POOH Lay Down Rods & Tubing if present,

RIH with Gauge ring,

Pick up work string, Run Scrapper if required,

RIH Set CIBP 1350, cap with 221 'cement. +50 encess

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ 182 '+ - 50' under surface casing shoe or Mesa Verde base whichever is lower...

Establish Circulation; circulate cement to surface inside and outside casing

Cut off well head and install P&A marker

Cut off anchors 2' below ground

Clean and level location