Form 3160-5 (August 1999)		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT						FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000 5. Lease Serial No.					
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.									6. If Indian, Allottee or Tribe Name Navay's				
SUBMIT IN TRIPLICATE - Other Instructions on reverse side								7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well Soli Well Gas Well Other									Horse shoe Gallup 8. Well Name and No.				
2. Name of Operator Vulcan Menerals + Energy % NIMOCO									9. API Well No.				
3a. Address 10		_	(30045 10 326					
4. Location of W	Gree , lell (Footage, Se	VM c., T., R.	87410 , M., or Survey Des	cription)	334-6178	·		10. Field and Pool, or Exploratory Area					
Sec. 3	30 JT311	N, R	16 W	7,				Horseshoe Gallup 11. County or Parish, State					
1980/5+660/E								San Juan County, NM					
		PPROI	PRIATE BOX(E	S) TO I	NDICATE NATU	JRE (OF NOTICE, RI	EPORT, OF	R OTH	ER DATA			
TYPE OF SU	TYPE OF SUBMISSION TYPE OF ACTION												
Notice of Intent			Acidize Alter Casing		Deepen Fracture Treat		Production (Start) Reclamation	Resume)	=	ater Shut-Off			
Subsequent Report			Casing Repair	Ö	New Construction		Recomplete		Ott	ner			
Final Abandonment Notice		1 2	Change Plans Convert to Injectio	n □	Plug and Abandon Plug Back		Temporarily Aba Water Disposal	ndon		· · · · · · · · · · · · · · · · · · ·			
Attach the Bon- following comp testing has been determined that	d under which to eletion of the in- a completed. F the site is ready	the work volved o inal Aba for final	will be performed perations. If the op ndonment Notices : inspection.)	or provide	t details, including est give subsurface locati the Bond No. on file ults in a multiple con ed only after all requ	with I	BLM/BIA. Require	e verucai depu ed subsequent	ns of all property	pertinent marke shall be filed w	ers and zones. vithin 30 days		
<u>(</u>	See A	ttuc	hed	,		•		(B) (B) 10 1	425				
						•		MARYORS		20) 20) 20)			
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14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

NMOCO CONTIACT Plugging

Title

Signature NMOCO

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason

Title

Date 3/25/3

This space For Federal Or State Office USE

Approved by Original Signed: Stephen Mason

Title

Date 3/25/3

Onditions 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.

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.

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order_No

30-045-10326 HORSESHOE GALLUP UNIT 046 PLAYA MINERALS & ENERGY INC O A San Juan 1 30 31 N 16 W 1980 S 660 E 8 5/8 106 115S 4 1/2 1394 150S 2 7/8 1347 1201-1346

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 1110___', cap with __218__'cement .

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ 156 '+ - 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

WELL NAME 46 HGU SEC, TWN, RNG. 30-31N-16W

Man cos	$85/8$ 24 # 106' Plug 156 - Surface $156/10.96(1.18) = 12.585$ $50/4.3899(1.18) = 10.585$ $106/4.046(1.18) = \frac{22.585}{44.585}$
	Toc = 766' 75% eff
Gallup 942	((110 -892) +50 / 10.96 (1.18) = 21 sxs
	PIUS 1110'- 892'
	130 @ 1110.
	Pert@ 1201'-1346'
	1 4 ½" 9.5 #
	1394' INTERMEDITE CA

,	DURFACE	<u>CASING</u>
SIZE	HOLE	·I
SIZE	CASING	
Annola	r Volome	f+3/C
	ment	SK
Vc	lone	$\frac{\cdot}{\cdot}$ ft ³

INTERMEDITE CASINE

SIZE HOLE "

SIZE CASING "

Annulur Volume — f

Cement — s

Volume — f