Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMENT	5. Lease Serial No.
	J. Lease Seliai No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use	this form for proposals to	dell or to an outer			03-2022		
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, Allo	ttee or Tribe Name		
				_ Nov.jo			
SUBMIT IN T	RIPLICATE - Other instr	uctions on revers	e side		Agreement, Name and/or No.		
1. Type of Well		The state of the s		Horsesh	Horseshoe Gallup		
Oil Well Gas Well				8. Well Name an	d No.		
2. Name of Operator Vulc	an Minerals a 6n	137			HGU		
3a. Address 1000 R10	Brazos Rd.	2h Dh N. C. I		9. API Well No.			
A	Vm 87410	3b. Phone No. (include 334-6178	se area code)	30045-2	or Exploratory Area		
4. Location of Well (Footage, Sec	c., T., R., M., or Survey Description	1)			or Exploratory Area		
Sec. 23 T. 31A	1., RITW.	• .	•	11. County or Pari			
50/NOE				San Jun	•		
12. CHECK AI	PPROPRIATE BOX(ES) TO	O INDICATE NATU	RE OF NOTICE, R	EPORT, OR OTI	IER DATA		
TYPE OF SUBMISSION	·	TY	PE OF ACTION				
Notice of Intent	Acidize	☐ Deepen	Production (Start	t/Resume) 🔲 V	/ater Shut-Off		
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	□ w	ell Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete		ther		
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Aba	andon			
13. Describe Proposed or Complete If the proposal is to deepen dire		Plug Back	Water Disposal				
de (arrached PaA pi	rocedure	APR 20	03 03 3 3 3 3			
			and the second	·			
4. I hereby certify that the foregoing Name (Printed/Typed) NMOCO CO	is true and correct	Title					
Signature NMOCO	J y · · · ·	Date	4/10/03				
tan ing processing	ALIHESERATORI FO	FRAFPERAL OR ST	VETOFFICE USE				
				10.2007			
onditions of approval, if any, are at	inal Signed: Stephen Maso			Date 4	/10/03		
rtify that the applicant holds legal hich would entitle the applicant to co	tached. Approval of this notice d	oes not warrant or	······································	Date 4	/10/03		

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

Order_No 30-045-22102 HORSESHOE GALLUP UNIT 291 PLAYA MINERALS & ENERGY INC O A San Juan A 23 31 N 17 W

50 N 50 E

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 30-045-22102 SI 8 5/8 141 120 5 1/2 1625 225 2 7/8 1585 1555-63

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 1460 ', cap with 318 'cement.

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ 193' + - 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 291 HGU SEC, TWN, RNG. 23-31N-17W

Masarader			
Mancos	143 ′	193,	1411 1411 193-5~ face 17.297(1.18) = 22 ssg
			/5.7718(1118) = 8 /5.192 (1.18) = 23 sks 53 sks
			Top of comins = 420' 75%
Gallup	1192'		1460-' 1142'
			180-1142)+50/7.299(1.18)= 18 1460 Phif (2) 1555-1563'
			½" 14# 625'

JURFACE	<u>Casing</u>
SIZE HOLE	<u> </u>
SIZE CASING	
Annilar Volume	f+3/C
Cement	/++. SK
Volume	f+3

INTERMEDIATE CASI	NE
SIZE HOLE SIZE CASING Annular Volume	"
Cement	. s . f