Form 3160-5 (August 1999)

TYPE O

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

| CHINDDA | NATIOES | S AND REP | ODTO ON | IMELLO |
|-----------------|----------|--------------|---------------|----------------|
| | | | | |
| Do not use this | form for | nronoeale i | to drill or t | o re-enter en |
| | | p. opoda.o | 0 01111 01 1 | o re-cinter an |
| abandoned well. | Use Fori | n 3160-3 (Al | PD) for suc | h proposals. |

5. Lease Serial No.

| | 17- | 20 | -6 | 03 | _/ | 34 |
|----|--------|-------|--------|--------|-------|------|
| 6. | If Ind | an. A | llotte | e or T | `ribe | Name |

| abandoned well. Use Form 3160-3 (Al | Navajo 7. If Unit or CA/Agreement, Name and/or No. Horse shoe Gallup 8. Well Name and No. 44 HGU | |
|---|--|-----------------------------|
| SUBMIT IN TRIPLICATE - Other inst | | |
| 1. Type of Well | | |
| Oil Well Gas Well Other | | |
| 2. Name of Operator Vulcan Minerals + Energy | | |
| % NMOCO | | 9. API Well No. |
| 3a. Address 1000 Rto Brazos Rd. Azree, Nm 87410 3b. Phone No. (include area code) 334-6178 | | 3004510 223 |
| Azrec, Nm 87410 | 10. Field and Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description | Horseshoe Gallup | |
| Sec. 32 ,731N, R 16W | | 11. County or Parish, State |
| 778/N-1863/~ | San Juan County, IVM | |
| 12. CHECK APPROPRIATE BOX(ES) T | O INDICATE NATURE OF NOTICE, RI | EPORT, OR OTHER DATA |

| | | , | | | |
|--------------|----------------------|-----------------------|---------------------------------------|-------------------------------|-------------|
| F SUBMISSION | | 7 | TYPE OF ACTION | | |
| of Intent | Acidize Alter Casing | Deepen Fracture Treat | Production (Start/Resume) Reclamation | Water Shut-Off Well Integrity | |

| Notice of Intent | Alter Casing | Fracture Treat | Reclamation | Well Integrity |
|----------------------------|----------------------|------------------|-----------------------|----------------|
| Subsequent Report | Casing Repair | New Construction | Recomplete | Other |
| | Change Plans | Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Final Abandonment Notice | Convert to Injection | Plug Back | Water Disposal | |

See Attached



| | • | | | A | ELACE COMPANY CONTRACTOR OF THE PROPERTY OF TH |
|---|---|-------|------------------|------|--|
| 14. I hereby certify that the for Name (Printed/Typed) NMOCO | | Title | | | |
| Signature NM 0 C | σ σ | Date | 3/25/03 | | |
| | THIS SPACE FOR FEDERA | LOR | STATE OFFICE USE | 100 | |
| Approved by Original | Signed: Stephen Mason | | Title | Date | 3/25/03 |
| Conditions of approval, if an certify that the applicant hold | y, are attached. Approval of this notice does not warra is legal or equitable title to those rights in the subject ant to conduct operations thereon. | 1 1 | Office | | |

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.

^{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.)

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order_No 30-045-10223 HORSESHOE GALLUP UNIT 044 PLAYA MINERALS & ENERGY INC O A San Juan C 32 31 N 16 W 778 N 1863 W

8 5/8 105 115S 4 1/2 1330 120S 2 7/8 1285 1143-1286

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 1050 ', cap with 213 'cement.

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ __155__' + - 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

SEC., TWN., RNG. 32-31N-16W

| Mancos | Surface | 85/8" 24-4" |
|--------|--------------|---|
| | | Plug 155-50, free 155/10.96(1.18) = 12 5ks 50/4.3899(1.18) = 10 5ks 105/4.046(1.18) = 22 5ks 44 5ks |
| | | |
| | | Toc & (22' 75% eH. |
| | Cand | |
| Gallop | 887 ° | Plug 1050'- 837' |
| | | Pert@ 1143-1286' 4/2" 9.5# |
| | | 1330. INTERMEDITE C |

| , JUKFACE | <u>CASING</u> |
|----------------|---------------|
| SIZE HOLE | |
| SIZE CASING | <u> </u> |
| Annolar Volume | f+3/t |
| Cement | 5K |
| Volume | · _ ft3 |

INTERMEDITE CASINE

SIZE HOLE "

SIZE CASING — "

Annulur Volume — f

Cement — s

Volume — f