Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.*

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

5. Lease Serial No.
14-20-603-734

6. If Indian, Allottee or Tribe Name
Navajo

SUBMIT IN TRIPLICATE - Other instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.
Horseshoe Gallup

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other WSW

8. Well Name and No.
2-W HGU

2. Name of Operator
% NMOCD

9. API Well No.
30045 10274

3a. Address 1000 Rio Brazos Rd.
Aztec, NM 87410

3b. Phone No. *(include area code)*
334-6178

10. Field and Pool, or Exploratory Area
Morrison

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec. 30, T. 31 N., R 16 W.
369/S - 64/E

11. County or Parish, State
San Juan   NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ 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	

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 plugging procedure.

APR 2003

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
NMOCD Contract Plugging

Title

Signature NMOCD

Date 4/14/03

Approved by _____

Title PE

Date 4/15/03

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 FFO

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.

OPERATOR

Order_No 30-045-10274 HORSESHOE GALLUP UNIT W 002 PLAYA MINERALS & ENERGY INC W   San Juan   P 30 31 N 16 W

369 S 64 E

13 3/8 @ 107' w/150s   8 5/8 @ 2736 w/640s   No rpt tbg   Perf @ 2224-2668

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 _2125_ ', cap with _125_ 'cement . (Morrison)
Test casing.
POOH lay down tubing.
RU wire line RIH, perforate @ _157_ ' + - 50' under surface casing shoe or Mesa Verde
base whichever is lower.. Note: perfing @ 157' may not be necessary due to cement being reported
Establish Circulation; circulate cement to surface inside and outside casing circulated to surface.
Cut off well head and install P&A marker
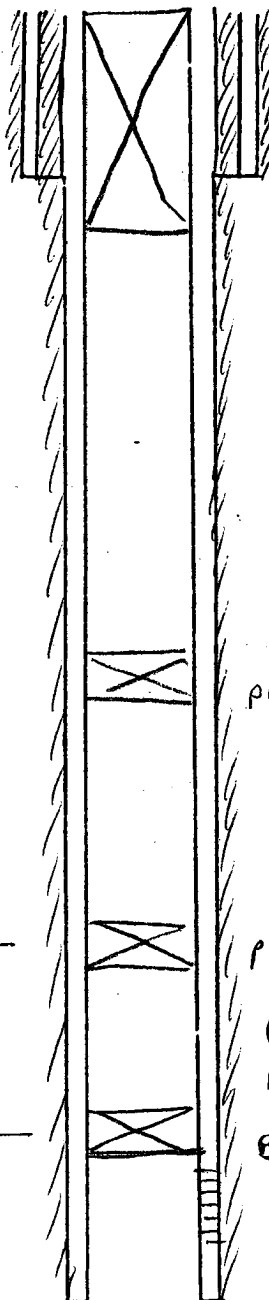Cut off anchors 2' below ground
Clean and level location

   Plug Dakota from 1832'-1732'
   Plug Gallup from 950'-850'

WELL NAME 2-W HGU
SEC., TWN., RNG. 30-31N-16W

Mancos   Surface

                                        13⅜" 48#
                                            107'
                                        Plug - 157-surface

                                        157/2.922(1.18) = 46 sks

                                        TOC - Surface (reported)

Gallup   900'

                                        Plug 950-850

                                        150/2.922(1.18) = 44 sks

Dakota   1782'

                                        Plug 1832-1732

                                        (2125-2000)+50/2.922(1.18) = 51 sks
                                        Plug 2125-2000'

                                        BPe 2125'
                                                        2224'-2234'
Morrison   2050'   Perf @ 2658'-2238'

                                        8⅝" 32#
                                        2736'

SURFACE CASING   ## INTERMEDIATE CASING

SIZE HOLE ____"   SIZE HOLE ____"
SIZE CASING ____".   SIZE CASING ____"
Annular Volume ____ ft³/ft.   Annular Volume ____ f
   Cement ____ SK   Cement ____ s
   Volume ____ ft³   Volume ____ f