

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 deepen or reentry to a different reservoir,  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.  
14-20-603-2022

6. If Indian, Allottee or Tribe Name  
Navajo

7. If Unit or CA. Agreement Designation

Horseshoe Gallup Unit

8. Well Name and No.  
HGU #87

9. API Well No.  
30-045-10648

10. Field and Pool, or Exploratory Area  
Horseshoe Gallup Unit

11. County or Parish, State  
San Juan County, NM

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

2. Name of Operator  
Playa Minerals & Energy, Inc. c/o Playa Minerals & Energy, Inc.

3. Address and Telephone No.  
650 N. Sam Houston Pkwy. E. Houston, Tx 77060 (281) 931-3800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
909' FNL, 1914' FEL, Sec. 24, T31N, R17W

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached report.

DEC 2 7 1999  
OIL GEN. B  
ENCL 2

14. I hereby certify that the foregoing is true and correct

Signed Mark L. Ehrman Title Regulatory Compliance Date 12/10/99

Mark L. Ehrman

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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 manner within its jurisdiction.

\*See Instruction on Reverse Side

ACCEPTED FOR RECORD

DEC 21 1999

FARMINGTON FIELD OFFICE  
BY S. W.

NMOCD



**Key Energy Services, Inc.**

Four Corners Division  
P.O. Box 900  
5651 US Highway 64  
Farmington, NM 87499

Phone: 505-327-4935  
Fax: 505-327-4962

DEC 23 1998 1:44

505-327-4935

**P&A OPERATION  
CEMENT SERVICE REPORT**

**WELL NAME:** HORSESHOE GALLUP UNIT #87

**TOTAL PLUGS SET:** 2

**DATE STARTED:** 11-23-98

**TOTAL SACKS USED:** 107 sx.

**DATE COMPLETED:** 12-01-98

**BLM WITNESS:** J. SANCHEZ

**OPERATOR WITNESS:** N/A

MOL AND RU. RU RELIEF LINE AND BLEED DOWN WELL. CIRCULATED TUBING CLEAND WITH WATER. ND WELLHEAD AND NU BOP, WORKED ON TUBGING SLIPS FOR 5 HRS. STRAPPED OUT WITH 1207' OF 2 3/8" TBG, NO PAK\CKER ON BOTTOM. ESTABLISHED INJECTION RATE INTO PERFORATIONS WITH WATER AT 1 BPM WITH 750 PSI.

**PLUG #1 (1004' - 1260'),**

PU AND RIH WITH 5 1/2" RETAINER AND SET AT 1273'. MIXED 42 SX CL. B CEMENT PLUG, PLACING 12 SX BELOW AND 31 SX ABOVE RETAINER. POH.

**PLUG #2 (0' - 165'),**

RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 165'. CIRCULATE HOLE CLEAN WITH WATER. MIXED 56 SX CL. B CEMENT PLUG TO CIRCULATE GOOD CEMENT TO SURFACE. BRADON HEAD FLOWING SLOWLY, SHUT IN AND WOC. CUT OFF WELLHEAD AND TOPPED OFF CASINGS WITH 8 SX CL. B CEMENT. RD RIG AND MOL.

  
NATHAN E. CRAWFORD.  
P&A SUPERVISOR