

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Plug & Abandon	5. LEASE DESIGNATION AND SERIAL NO NMF 04444 SF 0 04444
2. NAME OF OPERATOR BHP Petroleum (Americas) Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 977 Farmington, New Mexico 87401	7. UNIT AGREEMENT NAME Northeast Hogback
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 520' FNL & 1935' FEL	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 45
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5471'; KB 5482'	10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup
	11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA Section 14, T30N, R16W
	12. COUNTY OR PARISH San Juan
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) ☐

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give 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.) \*

BHP Petroleum (Americas) Inc. proposes to plug the subject well as follows:

1. MI RUCT. NU BOP. Set 30 sx Class "B" plug w/3% CaCl<sub>2</sub> from 2911' to 2670' (cover existing Gallup perfs and Gallup top).
2. PU to 2670'. Circulate well w/9.2#/gal mud.
3. PU to 1475'. Set 25 sx Class "B" plug w/3% CaCl<sub>2</sub> from 1475' to 1275' (cover Point Lookout top).
4. PU to 160'. Set 63 sx Class "B" plug w/3% CaCl<sub>2</sub> from 160' to the surface inside and outside casing (cover surface casing shoe).<sup>2</sup> Casing will be perf'd w/ 4 JSPF @ 160'.
5. ND BOP. Cut off wellhead. Install dry hole marker.

RECEIVED  
SEP 02 1986  
OIL CON. DIV.,  
DIST. 3

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

SIGNED Paul Bertoglic by R. C. McRay TITLE Production Supt. DATE August 14, 1986

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

AUG 29 1986

John S. Keller  
AREA MANAGER

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

\*See Instructions on Reverse Side

NMOCG

BUREAU OF LAND MANAGEMENT  
Drawer 600  
Farmington, New Mexico 87499-00600

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: 45 NE Hogback

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.
3. Blowout prevention equipment is required.
4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.
5. The following modifications to your plugging program are to be made (when applicable):
  - A. Move the plug in item #1 uphole to cover the interval from 2871' to 2630'.
  - B. Move the plug in item #3 uphole to cover the interval from 1200' to 1000'.

Office Hours: 7:30 A.M. to 4:15 P.M.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL LEASES  
FARMINGTON DISTRICT

1. Secure prior approval before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 25 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 15 days after plugging work is completed, file Subsequent Report of Abandonment, form 9-331, in quintuplicate with District Supervisor, U.S.G.S., Drawer 600, Farmington, New Mexico 87499-00600. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township, and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
  - a. Fill all pits, rat hole and cellar.
  - b. Clean well location of all equipment, concrete bases, pipe, junk and trash.
  - c. Cut or remove tie downs.
  - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
  - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements. The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.