Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

RCVD NOV 8'06
OIL CONS. DIV.
DIST. 3

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

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.: **SF - 078046**

6. If Indian, Allottee or tribe Name:

7. Unit or CA/Agreement, Name and/or No.:

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

8. Well Name and No.: **Hughes B 5B**

2. Name of Operator: **BP America Production Company Attn: Cherry Hlava**

9. API Well No.: **30-045-08046**

3a. Address: **P.O. Box 3092 Houston, TX 77253**

3b. Phone No. *(include area code)*: **281-366-4081**

10. Field and Pool, or Exploratory Area: **Blanco Mesaverde**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **1600' FNL & 1460' FWL Sec 21 T29N R08W**

11. County or Parish, State: **San Juan County, New Mexico**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Abandon
	☐ Change Plans	☒ **Plug and Abandon**	☒ Water Disposal	
	☐ Injection	☐ Plug Back	☐ Other	

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.

On 8/23/06 BP requested permission to T&A this well and turn into a Pressure Monitoring well. Approval was granted Aug. 29,2006.

10/30/06 - MIT was run and pressure test lost 300 psig in 10 mins. indicating a sizable leak in the casing. Therefore BP respectfully makes request to change our plan from Pressure Monitoring well to plugging the above mentioned well. Please see the attached P&A procedure.

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

Name (Printed/typed): **Cherry Hlava** Title: **Regulatory Analyst**

Signature: Cherry Hlava Date: **11/2/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason** Title: Date: **NOV 0 8 2006**

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:

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 witin its jurisdiction.

NMOCD 11/21

SJ Basin Plug & Abandonment Procedure

Well Name:	**HUGHES B #5B P&A**		
API #:	**30-045-08046**		
Location:	**Sec 21 T29N-R8W-UL-F**		
County:	**San Juan**		
State:	**New Mexico**	**Engr:**	**Andrew Berhost**
Horizon:	**Mesa Verde**		**Office (505) 326-9208**
			Mobile (505) 486-0139
			fax (505) 326-9262

Objective: P&A of Wellbore. Locate TOC of current cement. Ensure interval isolation throughout wellbore.

1. Run CBL on 5-1/2" casing.
2. Pump lower cement plugs. MV and CH.
3. Free point and cut 5-1/2" casing. POOH 5-1/2" casing.
4. Spot cement on 5-1/2" stub.
5. Run CBL on 7-5/8" casing.
6. Spot cement plug for PC interval.
7. Perforate 7-5/8" casing and squeeze 7-5/8" annular interval for FT interval
8. Spot tubular FT plug.
9. Tag TOC w/ WL. Perforate for Ojo Alamo annular cement squeeze.
10. Squeeze Ojo Alamo interval and set tubular plug.
11. Tag TOC w/ WL. Perforate for surface annular cement squeeze.
12. Set surface interval plug
13. Cut off wellhead – Set P&A marker.

History: Originally drilled in 1957 as "MV Strat Test #1". Original drilling documents state that is was never intended to produce and would be plugged following testing. Wellbore was never plugged and subsequently sold to Tenneco and then transferred to Amoco – then BP. Well was first delivered in 2005 under regulatory demand to produce or plug the well. Subsequently found to be producing in ¼ section with two other MV's under production. Well was shut-in due to spacing violation. Attempted to T&A wellbore and found casing leak in 5-1/2" casing, Set CIBP @ 4650' with wireline and plan to return to well to P&A wellbore. Tripped in tubing string with single tubing plug and rigged down.

Pertinent Information: Gas BTU content for this well is 1250; Sp gr. is 0.7272. Venting and Flaring document needs to be followed if BTU content is above 950.

Procedure:

1. Contact BLM and NMOCD 24hrs before beginning P&A process to ensure scheduling of personnel to witness CBL results and cement placement.

2. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

3. Dual barrier requirement should be met as single plug in nipple was left from previous T&A workover. CIBP already set at 4650'.

4. Blow down well. Kill with 2% KCL water ONLY if necessary.

5. Check all casing strings to ensure no pressure exist on any annulus. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.

6. Nipple down wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.

7. Pull tubing hanger and shut pipe rams and install stripping rubber.

8. Pull tubing plug and load hole with fluid.

9. RU WL and run CBL for 5-1/2" casing from 4650' to 2000'. Report TOC back to BLM, NMOCD, and Engineer. Temperature survey completed in 1958 shows TOC @ 3220'.

10. RIH with 2-3/8" workstring to 4600'. Spot 200' (**26.7 ft^3**) of G-Class cement on top of CIBP from 4650-4450'. This will isolate the MV interval. WOC. Tag TOC at 4600' with end of tubing to ensure solid base and correct cement spot.

11. PU to 4050'. Spot a 200' (**26.7 ft^3**) of G-Class cement from ~~4050'~~ 4190 3990 ~~3850'~~. This will isolate the Chacra interval. TOH.
Plug 7 5/8" casing shoe inside 5 1/2" casing from 3325'-3225' + 50' excess 3990'

12. RU WL with chemical casing cutting tools and Tag top of cement at ~~3850~~'. Determine 5-1/2" casing free point and cut 5-1/2" casing 100' above free point depth. Set dual downhole barriers in 5-1/2" casing above cut depth. RD WL.

13. ND BOP and Wellhead. Spear and latch onto 5-1/2" casing and pull slips.

14. NU Wellhead and BOP. POOH and LD 5-1/2" casing from wellbore. Load well with fluid.

15. RU WL and run CBL on 7-5/8" casing from top of 5-1/2" stub-up to surface. Report TOC back to BLM, NMOCD, and Engineer. Temperature survey completed in 1958 shows TOC @ 2780'.

16. RIH with 2-3/8" workstring to top of 5-1/2" stub-up. Spot 100' (**26.4 ft^3**) G-Class cement plug to cover to of casing stub.

17. Based on 7-5/8" CBL result it will be determined if and where cement will be required behind casing to cover PC/FT interval. The next 5 steps listed below assume the TOC behind the 7-5/8" casing is at the temperature survey depth 2780'. The order and detail of the next five steps could change based on the CBL results.

3130'

18. PU with workstring to 3080' and spot a 200' (**53 ft^3**) of G-Class cement from ~~3080'~~ - ~~2880'~~. This will isolate the PC interval inside the 7-5/8" casing. TOH. 2930' 2788' if cement is not above this footage

19. RU WL tag TOC at 2880'. RU Perforators and PU to ~~2688'~~ and perforate 7-5/8" casing.

20. RIH with 7-5/8" cement retainer to 50' above perforated interval at ~~2638'~~. RD WL.

21. RIH with 2-3/8" work string and sting into retainer at ~~2638'~~. Squeeze annular space between 7-5/8" and formation with **20.1 ft^3** of G-Class cement. This will put 200' of cement behind 7-5/8" casing and isolate FT formation. (Assuming TOC is @ 2780'). 2788' 2588'

22. PU of cement retainer and spot a 200' (**53 ft^3**) plug from ~~2638'~~ to ~~2438'~~. This will isolate the FT interval inside the 7-5/8" casing. TOH.

2230'

23. RU WL tag TOC at 2438'. RU Perforators and shot holes at ~~2034'~~.

24. RIH with 7-5/8" cement retainer to 50' above perforated interval at ~~1986'~~. RD WL.

25. RIH with 2-3/8" work string and sting into retainer at ~~1986'~~. Squeeze annular space between 7-5/8" and formation with **20.1 ft^3** of G-Class cement. This will put 200' of cement behind 7-5/8" casing and isolate Ojo Alamo formation. 2230' 1984'

26. PU of cement retainer and spot a 200' (**53 ft^3**) plug from ~~1986'~~ to ~~1786'~~. This will isolate the Ojo Alamo interval inside the 7-5/8" casing. TOH.

27. RU WL and perforate the 7-5/8" casing at 215'. RD WL.

28. RIH with 7-5/8" packer and 2-3/8" workstring at set packer at 190'. Circulate cement behind the 7-5/8" casing by opening the bradenhead valve and walking the circulating pressure up. Estimate **54 ft^3** of cement needed to fill annular volume. This will put cement across the 10-3/4" casing shoe all the way to surface behind the 7-5/8" casing. TOH with packer.

29. RIH open-ended to 215' and spot a cement plug to surface (**54 ft^3**). TOH.

30. ND BOP. Perform underground disturbance and hot work permits. Cut off tree.

31. Install 4' well marker and identification plate per NMOCD requirements.

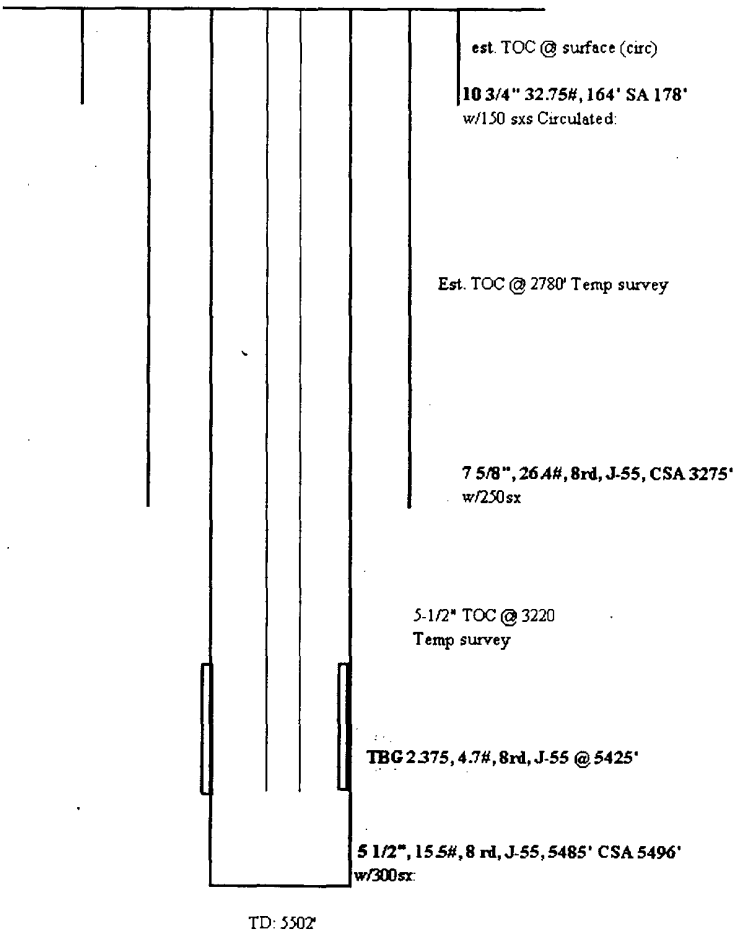
32. RD and release all equipment. Remove all LOTO equipment.

Hughes B 5B

API # 30-045-08046

Sec 21-T29N, R8W

GL: 6474'



History:
Completed as MV test well originally drilled as a strat test n 1957 and no production facilities, flow lines or gathering system were ever installed until 2005

Mesaverde Perforations
4708' - 5426' in Cliffhouse and Point Lookout w/ 90,000 #'s sand and 90,000 gal water

reconstructed from public data 7/06 CYS

Proposed P&A Plug Set