Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

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 - 076337**

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.: **W.D. Heath A 12**

2. Name of Operator: **BP America Production Company Attn: Mary Corley**

9. API Well No.: **30-045-21012**

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

3b. Phone No. *(include area code)*: **281-366-4491**

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

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **870' FNL & 830' FEL Sec 17 T29N R09W**

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

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
☐ 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.

BP America respectfully requests to either restore production to the above well or P&A the wellbore.

Please see the attached Well Work Procedure

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

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

Signature: Cherry Hlava Date: **7/13/2005**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: **Original Signed: Stephen Mason** Title: Date: **JUL 20 2005**

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

SJ Basin Well Work Procedure

Well Name: **Heath WD A 012-PC**
Date: **July 5, 2005**
Repair Type: **Test Flow / P&A**

Objective: Restore Production or P&A of wellbore.

1. TOH with completion.
2. Ensure wellbore is clean of obstructions (cleanout).
3. Test flow well if good restore to production, if not step 4.
4. Pump cement plugs and remove wellhead.

Location:	T29N-R9W-Sec17	API #: 30-045-21012
County:	San Juan	
State:	New Mexico	
Horizon:	PC	Engr: Anne Fickinger
		ph (505) 326-9483
		mobile: 713-823-4280
		fax (505) 326-9251

Procedure:

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.

2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.

3. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string.

4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.

5. Notify BLM and NMOCD 24 hours prior to beginning operations. Based on the results of the flow test this could be a restore to production or a P&A operation.

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

7. Blow down well.

8. 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.**

9. 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.

10. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip tubing hanger out of hole.

11. TOOH and LD 2-1/4" production tubing currently set at 2290'.

12. TIH with bit and scraper for 4-1/2" casing to PBTD at 2341' with approved barrier. Check the distance between the top of the blind rams and the length of the bottomhole assembly that is being run. If the BHA is too long then the well has to be top killed and monitored prior to opening bind rams. Work casing scraper down to and thru old Pictured Cliffs perforations (2232'-2264'). POOH.

13. If necessary, rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit for 4-1/2" casing. Cleanout fill to PBTD 2341'. Blow well dry. Reference Under Balanced Well Control Tripping Procedure.

14. Test flow well. See attached flowback chart for choke settings and minimum flow rates (page 5 of 5). If well flow **above** minimum flow rates proceed to step 15. If well **does not** flow at minimum flow rates proceed to step 23.

Restore well back to production

15. RIH with new 2-3/8" production tubing (with muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).

16. Land 2-3/8" production tubing at +/-2247' (note: only 30 ft of perforations. Need to ensure landed in the interval). Lock down tubing hanger.

17. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to the surface. Check all casing string for pressure. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**

18. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.

19. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.

20. RD slickline unit.

21. Test well for air. Return well to production. RD and release all equipment. Remove all LOTO equipment.

22. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Have discussion with production about particulars of well when handing off the well file.

CONTACT FEDERAL & STATE AGENCIES PRIOR TO STARTING P&A WORK (NMOCD Charlie Perrin, 505-334-6178 x16, BLM 505-599-8907)

P&A of wellbore

23. RIH with workstring and set CIBP just above PC perforations +/- 2180'. Load well with fluid. Pressure test casing. If casing doesn't test RIH with Retrievable plug and find hole in casing. Contact production engineer if squeezes are required. Once casing is tested, run CBL to verify TOC on 4-1/2" casing. If casing test, pump and displace 300' plug on top of CIBP (2180'-1880').

24. POOH to 1300'. Pump and displace a 400' plug from 1300' to 900'. This should put cement across the Ojo Alamo.

25. POOH to 267'. Pump and displace a 267' plug from 267' to surface'. This should put cement across surface casing shoe all the way to surface.

26. Perform underground disturbance and hot work permits. Cut off tree.

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

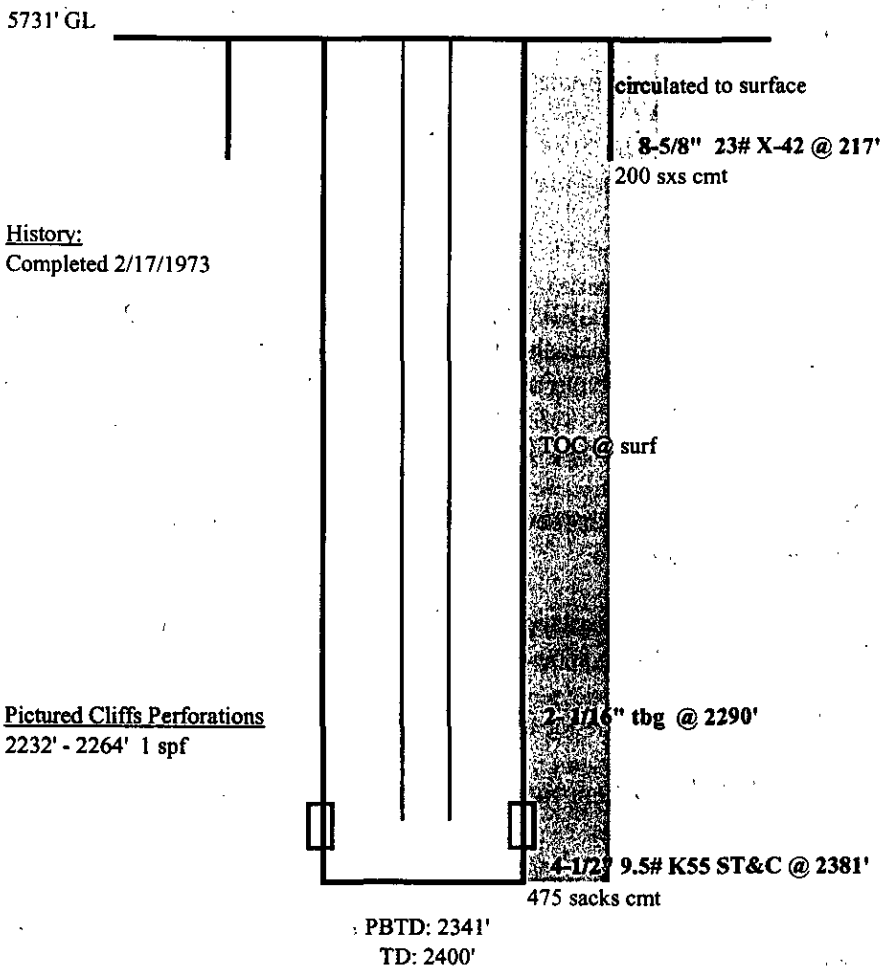
28. RD and release all equipment. Remove all LOTO equipment.

29. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile.

Heath WD A 12

Sec 17, T29N, R9W

API: 30-045-21012



updated: 7/12/05 af

Flow well for at least 12 hours under the following conditions:

1. Record SICP and SITP (during rig up and every morning), then record FTP and FCP hourly and before and after each choke adjustment
2. Begin flow on ¾" choke to sustain 50+ psi WHP
3. Switch to ⅝" choke to remain above 50+ psi WHP
4. Repeat process on ½", ⅜", ¼", and ⅛" chokes to remain above 50+ psi WHP
5. If ⅛" choke is installed and WHP drops below 50+ psi, continue to flow until well dies
6. Target gas rate is to remain above 40 mcfd with 50+ psi WHP for duration of test