Form 3160-5 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

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

BOILEAU OF LAIND MAINAGEMENT	<ol><li>Lease Serial No.</li></ol>
DRY NOTICES AND REPORTS ON WELLS	NMSF - 7859

SUN 96-A Do not use this form for proposals to drill or to re-enter an 6. If Indian, Allottee or Tribe Name abandoned well. Use form 3160-3 (APD) for such proposals 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse sifter, 1. Type of Well 8. Well Name and No. FLORANCE 28B ☐ Oil Well 🖸 Gas Well 🔲 Other Name of Operator CHERRY HLAVA API Well No BP AMERICA PRODUCTION COMPANY E-Mail: hlavacl@bp.com 30-045-30756 10. Field and Pool, or Exploratory 3b. Phone No. (include area code) 3a. Address **BLANCO MESAVERDE** P.O. BOX 3092 Ph: 281.366.4081 Fx: 281.366.0700 HOUSTON, TX 77253 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, and State Sec 3 T29N R8W SENW 2215FNL 2090FWL SAN JUAN COUNTY, NM 36.45300 N Lat, 107.39900 W Lon 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION □ Acidize □ Deepen □ Production (Start/Resume) □ Water Shut-Off ■ Notice of Intent ■ Well Integrity ☐ Alter Casing ☐ Fracture Treat □ Reclamation Subsequent Report Casing Repair ■ New Construction □ Recomplete Other ☐ Final Abandonment Notice □ Change Plans Plug and Abandon ☐ Temporarily Abandon ☐ 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.) 3/12/02 MIRUDU & spud a 13 1/2" hole @ 23:00 hrs. Drilled to 152' & set 9 5/8" H-40 ST&C 32.30# surface CSG @ 143'. RU & pmp 10 bbls fresh wtr w/dye. CMT w/120 sxs Cl G cmt 15.80 ppg density; 1.160 cuft/sx yield; w/3% CACL2 & 1/4 L/SX cello flake. Circ 10 bbls good cmt to pit. W/P.D. NU BOP: test to 750 psi high; 250 psi low. Test OK. 3/19/02 Drilled out CMT & rat hole 130'-152'. Drl 8 3/4" hole to 2616' (directional drill started @ approx. 536') RU & set 7" 20#, J-55 CSG to 2611'. Pmp 20 bbls CW 100, 10 BFW. Lead w/245 sx cl G CMT. 11.7 ppg + additives, tail w/60 sxs 13.5 ppg 50/50 POZ:D907 + additives. Disp w/114 BFW. Circ 23 bbls good cmt to pit. Plug DN 17:25 hrs w/580 psi prs up to 1000 psi. Bled off. Floats holding. Tested to 1500 psi. Test OK. 3/22/02 Lay DN DP, kelly spinner, rat & mouse hole. RU csg crew. RU to run 14. I hereby certify that the foregoing is true and correct. Electronic Submission #10883 verified by the BLM Well Information System For BP AMERICA PRODUCTION QOMPANY, sent to the Farmington Name (Printed/Typed) CHERRY HLAVA Title **AUTHORIZED REPRESENTATIVE** Date (Electronic Submission) 03/29/2002 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title Approved By 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 110 which would entitle the applicant to conduct operations thereon.

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

of the United

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 of

## Additional data for EC transaction #10883 that would not fit on the form

## 32. Additional remarks, continued

4 1/2" 11.6# J-55 production liner. Chgd out 4 1/2" rubr for 3 1/2" rubr. Pull rubr on top of DP TJ & breakout TJ to pull rubr off; Driller engauged rotary to spin out DP connection & released liner; Liner fell to btm of hole. Trip in to 2699'MD; 88' below BTM of csg shoe & didn't take wt; Attempt to pu & pull 30K over come loose drag fish to btm of shoe & wk 6" stop sub into shoe; TOH & did not recover fish. LD Baker tools. TIH w/schlumerger cmt retainer. Run cmt retainer on DP to 2596' MD. RU & pmp DP vol through retainer; break off swage & DP on vacuum. Set retainer & sting out, circ & load hole w/water. RU SU & circ; sting back into retainer & couldn't pmp through. Circ & attempt to C/O; couldn't get circ through retainer. TOH w/cmt stinger.

Please see attachment for continuation of sidetrack.

## FLORANCE 28B SPUD / SET REPORT & SIDETRACK 03/28/2002

3/23/02 TIH w/mill to just above cmt retainer. PU mouse hole & rat hole & put back in place re-pack goose neck on kelly. Unload water from hole & mill cmt retainer using air/mist. Unload gas & wtr from hole when retainer seals cut over after cutting through cmt retainer, PU 1 jt DP & run mill passed csg shoe; did not touch anything. TOH & LD milling assembly. Run cmt retainer on DP & set @2594', shear pin holding stinger, but did not pull stinger out of retainer. RU SU on top of DP for cmt pmp 23 bbls water (DP vol + 4 bbls) & did not get any signs of pressure. Start mixing & pmpng cmt; pmp 2.7 bbls & pressure went to 900# + pmp @ less than 1/2 bbl/min. & press climbing to 1500+ continue pmp for 10mins; pressure broke to less than 50#, then back up to 1000# +, back to 300-400#, pmpng at 2 bbls/min. Pressure broke to +/-50# w/38 bbls cmt pmpd. Increase pmp rate in stages to 3.1 bbls/min w/125# pressure to end of job: 123 bbls total cmt pmpd below retainer. Displace DP w/19 bbls wtr (0.3 less than DP vol & sting out of retainer. Circ out sm amt cmt & continue circ until wtr clean + 20 bbls wtr to clear DP. TOH w/DP & cmt stinger. Run gauge ring & csg clr locator to TOC retainer to insure depth & space out to miss csg clrs with whipstock mill assembly; CMT retainer set on depth w/room for shipstock in first csg jt. MU UBHO sub on top of DP JT & starter mill on btm of same DP JT. Layout on catwalk & orient slot in UBHO sub to align with face of whipstock. PU assmbly & check orientation lowering in hole; Run assembly on DP to 1 JT above cmt retainer. Run gyro assembly into DP, take 5 readings TIH to check against original directional surveys; Gyro tracking original surveys in azimuth & angle within 1 degree each time. Locate Gyro in UBHO sub & check orientation of whipstock. Pull up & check 3 times to verify repeatability; each time tool repeats previous reading to less than 1 degree hole angle = 6.48 deg, azimuth = 273 deg just above whipstock; whipstock setting at 126 degrees azimuth; rotate pipe, wk torque DN & recheck; whipstock azimuth reading = 322 degrees. Lower whipstock to 1' above cmt retainer & recheck azimuth = 320 degrees; recheck 2 x to confirm set whipstock & shear off mill assembly, tag cmt retainer on depth & getting good shearing action for whipstock slips & attaching bolt. Retrieve wireline & LD tools. LD DP JT & PU kelly. Unload hole w/air & starter mill using air/mist cutting window @ 2579'. LD 8 Jts & TOH. LD starter mill. PU watermelon mill & 3 stds DC

03/24/02 PU kelly & bread circ. Mill windown w/6 1/4" watermelon mill to finish window. TOH. PU 6-1/4" bit & TIH. Drill 100'+ . Encountered water. Dry up hole. Drilled 50' + before well dry. TOH w/bit. TIH w/FB bit & hammer. Drilled 2697' - 2890'.

03/26/02 Drilled TD @5950'. TOH; RU & set 4 ½" 10.5# production liner from 2430' – 5949'. CMT w/221 sx litecrete cmt mixed at 9.5#/gal (50% solids fraction), yield 2.52 cuft/sx, w/9.38 gal.sx mix wtr, 0.5% D112, 0.11% D065 & 0.03 gal/sk D47. Circulated 17 bbls cmt to pit.

RDMOSU 12:00 noon 3/27/02

