

*BR Well Files*

**CHESAPEAKE**  
**ENERGY**

**Zeb Cyr**  
Completions Engineer I – Haynesville Shale

April 10, 2017

**Mr. Jackie DeVall**  
LA Office of Conservation  
1525 Fairfield Ave., Ste. 668  
Shreveport, LA 71101

Re: Chesapeake Operating, L.L.C.  
HA RA SUAA; DAVID 18&19-12-12HC 001-ALT  
SN 249667  
Section 018, T12N, R12W  
DeSoto Parish, Louisiana  
Red River-Bull Bayou Field  
Perforations: 12,261-19,971'

Dear Mr. DeVall:

Since the HA RA SUAA; DAVID 18&19-12-12HC 001-ALT occupies a cross-lateral unit, as outlined in Order 109-X-205, Chesapeake must provide an allocation for produced gas and water for each of the units involved in this well's perforated interval.

Based on the measured depth length of the perforated (and therefore producible) interval in each unit, Chesapeake has determined that production of gas and water should be allocated as follows:  
HA RA SUAA: 36.433204%, 2809' perforated distance  
HA RA SUUU: 63.566796%, 4901' perforated distance

These distances are also noted on the attached as-drilled plat (which has been revised to show the actual perforated distance). Wellbore curvature has been taken into account, as the percentages are based on true horizontal length of the perforated intervals rather than vertical section length.

Should you have any questions regarding this correspondence, please contact me at (405) 935-8428 or by email at zeb.cyr@chk.com.

Best regards,



Zeb Cyr  
Completions Engineer I – Haynesville Shale  
Chesapeake Energy

