Modernized Royalty Framework: Formulas Conventional Oil, Pentane Plus (extracted and in-stream component) and Field Condensate

For wells spud on or after January 1, 2017

R% = Price Component (r_p) + Quantity Adjustment (r_q)

R% has a minimum of 5% and maximum of 40%

Royalty Parameters			
	Price (C\$/m³)	% Change (%/\$/m³)	
P1	251.70	0.07100%	
P2	409.02	0.03900%	
P3	723.64	0.02000%	

Price Component (r _p)			
Price (\$/m³)	rp		
PP<=251.70	10%		
251.70 <pp<=409.02< td=""><td>((PP-251.70)*0.00071+0.10000)*100</td></pp<=409.02<>	((PP-251.70)*0.00071+0.10000)*100		
409.02 <pp<=723.64< td=""><td colspan="2">((PP-409.02)*0.00039+0.21170)*100</td></pp<=723.64<>	((PP-409.02)*0.00039+0.21170)*100		
PP>723.64	((PP-723.64)*0.00020+0.33440)*100		
Maximum	40%		

Maturity Threshold				
	Q	% Change		
Q oil equivalent volumes	194.0 (m ³ e/month)	0.1350% (%/m³e/month)		
Quantity Adjustment (oil equivalent volume)				
Quantity (m³e/month)	r _q			
Q >=194.0	0%			
Q <194.0	(Q-194.0)*0.1350%			
Note: Quantity is calculated at a well level, where m³e/month = m³ equivalent per month.				
Note: r _q is 0 or negative				

A well will pay 5% royalty rate until revenue equals C*(\$). R% applies once a well's revenues exceed C* (post-C* phase). The minimum royalty rate in the post-C* phase is 5%.