

## Oil Sands Monthly Royalty Rates

January 2009

### Royalty Rates

Pre-Payout Gross: 1.00000% (based on **Prod Month actual WTI Price**)  
 Post-Payout Gross: 1.00862% (based on the **estimated average WTI price for Prod Year**)  
 Post-Payout Net: 25.01615% (based on the **estimated average WTI price for Prod Year**)

### WTI Prices and Exchange Rates

Month		WTI Price USD\$	Exchange Rate	
<b>Jan 2009</b>	<b>Act</b>	<b>\$42.04</b>	<b>0.81546114</b>	<b>= \$51.55 (CAD\$)</b>
Feb 2009	Est	\$41.92	0.89800000	
Mar 2009	Est	\$41.68	0.89800000	
Apr 2009	Est	\$46.13	0.89800000	
May 2009	Est	\$48.52	0.89800000	
Jun 2009	Est	\$49.98	0.89800000	
Jul 2009	Est	\$51.17	0.89800000	
Aug 2009	Est	\$52.07	0.89800000	
Sep 2009	Est	\$52.85	0.89800000	
Oct 2009	Est	\$53.52	0.89800000	
Nov 2009	Est	\$54.16	0.89800000	
Dec 2009	Est	\$54.80	0.89800000	
<b>Average</b>		<b>\$49.07</b>	<b>0.89112176</b>	<b>= \$55.07 (CAD\$)</b>

### Gross Royalty Formula

Minimum Royalty Rate:  $R_G \% = 1 \% \text{ for } W \leq L$   
 Maximum Royalty Rate:  $R_G \% = 9 \% \text{ for } W \geq H$   
 Price Sensitive Royalty Rate:  $R_G \% = [1\% + (W - L) * F_G]$  for  $L < W < H$

### Net Royalty Formula

Minimum Royalty Rate:  $R_N \% = 25 \% \text{ for } W \leq L$   
 Maximum Royalty Rate:  $R_N \% = 40 \% \text{ for } W \geq H$   
 Price Sensitive Royalty Rate:  $R_N \% = [25\% + (W - L) * F_N]$  for  $L < W < H$

W = WTI Price CAD\$

L = CAD\$55/bbl

H = CAD\$120/bbl

$F_G = 8\%/\$65$  per barrel increase in W (straight line relation)

$F_N = 15\%/\$65$  per barrel increase in W (straight line relation)

**Note: Formulas are the working level representation of the legal version that is in OSRR2009**