

## Oil Sands Monthly Royalty Rates

April 2012

### Royalty Data

Pre-Payout Gross Royalty:	7.20677% (based on <b>Prod Month actual WTI Price</b> )
Post-Payout Gross Royalty:	7.16492% (based on the <b>average WTI price for Prod Year</b> )
Post-Payout Net Royalty % Factor (NRPF):	36.55923% (based on the <b>average WTI price for Prod Year</b> )

### WTI Prices and Exchange Rates

Month		WTI Price USD\$	Exchange Rate	
Jan 2012	Act	\$98.58	0.98691167	
Feb 2012	Act	\$100.32	1.00348352	
Mar 2012	Act	\$102.26	1.00618345	
<b>Apr 2012</b>	<b>Act</b>	<b>\$106.21</b>	<b>1.00742472</b>	<b>= \$105.43 (CAD\$)</b>
May 2012	Est	\$103.35	0.98600000	
Jun 2012	Est	\$104.87	0.98600000	
Jul 2012	Est	\$105.26	0.98600000	
Aug 2012	Est	\$105.55	0.98600000	
Sep 2012	Est	\$105.71	0.98600000	
Oct 2012	Est	\$105.79	0.98600000	
Nov 2012	Est	\$105.86	0.98600000	
Dec 2012	Est	\$105.93	0.98600000	
<b>Average</b>		<b>\$104.14</b>	<b>0.99100028</b>	<b>= \$105.09 (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:	$R_G\% = [1\% + (W - L) * F_G] \text{ for } L < W < H$

### Net Royalty % Factor (NRPF)

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

$W = \text{WTI Price CAD\$}$

$L = \text{CAD\$55/bbl}$

$H = \text{CAD\$120/bbl}$

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

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

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