Post-Payout --- Good Faith Estimate

For OSR 045 Only

GFE-1

Project Name:	Name of Project	**Report Month(1):** yyyy-mm	**Template For Period 2016 to 2033**
OSR #:	OSR045		Form Id: OSR045_GFE_2016
Operator Id:	BA ID of Operator	**Operator Name:** Name of Operator	Version #: 1.00

Production Month Indicate Actual or Estimate for Month	JAN (Act)	FEB (Est)	MAR (Est)	APR (Est)	MAY (Est)	JUN (Est)	JUL (Est)	AUG (Est)	SEP (Est)	OCT (Est)	NOV (Est)	DEC (Est)	TOTAL
PRODUCTION, SALES & HANDLING CHARGES*													
Total Crude Bitumen Production (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude Bitumen Volume at RCP (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blended Bitumen Volume at RCP (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Oil Sands Products Volume at RCP (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude Bitumen AL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blended Bitumen AL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Oil Sands Products AL Sales Volume (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude Bitumen AL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Blended Bitumen AL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Products AL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Crude Bitumen Handling Charges for AL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Blended Bitumen Handling Charges for AL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Products Handling Charges for AL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NON ARM'S LENGTH INFORMATION													
Crude Bitumen NAL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blended Bitumen NAL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Oil Sands Products NAL Sales Volume (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude Bitumen NAL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Blended Bitumen NAL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Products NAL Sales Value ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Crude Bitumen Handling Charges for NAL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Blended Bitumen Handling Charges for NAL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Products Handling Charges for NAL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Diluent in NAL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diluent Value in NAL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Product FMV ($/unit)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Bitumen Density (kg/m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Bitumen Hardisty BVM Price ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
BVM Transportation Allowance ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
BVM Quality Adjustment ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Bitumen Adj BVM Price ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
UNIT PRICE													
Crude Bitumen Unit Price ($/m^3$) - AL Sales > or = Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Crude Bitumen Unit Price ($/m^3$) - No AL Sales	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Crude Bitumen Unit Price ($/m^3$) - AL Sales < Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Blended Bitumen Unit Price ($/m^3$) - AL Sales > or = Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Blended Bitumen Unit Price ($/m^3$) - No AL Sales	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Blended Bitumen Unit Price ($/m^3$) - AL Sales < Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Other Oil Sands Product Unit Price ($/unit) - AL Sales > or = Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Other Oil Sands Product Unit Price ($/unit) - No AL Sales	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Other Oil Sands Product Unit Price ($/unit) - AL Sales < Threshold%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
REVENUE													
Crude Bitumen Revenue	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Blended Bitumen Revenue	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Oil Sands Products Revenue	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
PROJECT REVENUE (use to calculate Net Revenue)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DILUENT													
Diluent in AL Sales Unit Price ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Diluent in Volume at RCP Unit Price ($/m^3$)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Diluent in AL Sales Volume (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diluent in Volume at RCP (m^3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Post-Payout --- Good Faith Estimate

For OSR 045 Only

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Project Name:	Name of Project	**Report Month(1):** yyyy-mm	**Template For Period 2016 to 2033**
OSR #:	OSR045		Form Id: OSR045_GFE_2016
Operator Id:	BA ID of Operator	**Operator Name:** Name of Operator	Version #: 1.00

Production Month **Indicate Actual or Estimate for Month**	**JAN** **(Act)**	**FEB** **(Est)**	**MAR** **(Est)**	**APR** **(Est)**	**MAY** **(Est)**	**JUN** **(Est)**	**JUL** **(Est)**	**AUG** **(Est)**	**SEP** **(Est)**	**OCT** **(Est)**	**NOV** **(Est)**	**DEC** **(Est)**	**TOTAL**
Diluent in Remaining Volume (m^3) - Vol at RCP *less* AL Sales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diluent Value in AL Sales ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Diluent Value in Volume at RCP ($)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Diluent Value in Remaining Volume ($) - Vol at RCP *less* AL Sales	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
GROSS REVENUE (do not use to calculate Net Revenue)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ALLOWED COSTS (AC)													
Project Operations (excludes cost of diluent)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Diluent	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Project Expansion PNCB	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Period Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Cumulative Balance Carried Forward Upon Payout													$0
Previous Period's Net Loss													$0
Return Allowance on Prev Period's Net Loss													$0
Excess of Prev Period's GRR over NRR													$0
Total Allowed Costs Before ARA	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ARA for UGC													$0
Total Allowed Costs After ARA													$0
OTHER NET PROCEEDS (ONP)													
Excess of Prev Period's ONP over Total AC													$0
Earned (Current Period's ONP)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Other Net Proceeds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Allowable Revenue from Other Net Proceeds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Excess of Current Period's ONP over Total AC Before ARA (Carry Forward to Next Period)													$0
NET REVENUE BEFORE ARA													$0
NET LOSS BEFORE ARA (Carry Forward to Next Period)													$0
NET REVENUE AFTER ARA													$0
***Revenue for Royalty Calculation**													$0
Net Rev Royalty (NRR) Before ARA													$0
Net Rev Royalty (NRR) After ARA													$0
Gross Rev Royalty (GRR)													$0
Excess of Current Period GRR over NRR Before ARA (Carry Forward to Next Period)													$0
Royalty Installment Calculated	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	
Royalty Installment Payable (2)	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Cumulative Royalty Installments	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

R_N% Factor	0.00000%
R_G %	0.00000%

(1) Report Month is the current production month. Form submission is due 30 days after the report month.

(2) For the report month and future production months, the Royalty Installment Payable will be the same as the Royalty Installment Calculated. For production months previous to the report month, input the Royalty Installment Calculated from its respective report months as the Royalty Installment Payable.

If the Royalty Installment Calculated is a negative amount in a month, the Royalty Installment Payable for that month is $0.

*Revenue for Royalty Calculation will differ from Gross Revenue if there are product losses or if Diluent costs are greater than the Blended Bitumen revenues.

Reminder: This report must be accompanied by a statement indicating approval of this report by the chief financial officer, or by a senior officer of the operator approved in advance by Alberta Energy. - Oil Sands Royalty Regulation 2009, Section 38(5).

The statement of approval must reference the project id and royalty payable being approved.

Contact Name: Enter contact for the form

Company Title: Enter contact's position

Date Prepared: yyyy/mm/dd

Phone Number: (###)###-####

E-Mail Address: Contact@email.ca

Upgrader Growth Capital Amortization Schedule

											To be deducted from Allowed Cost	Y / N										
Year	Royalty% (min 25%)	LTBR for the year	Years to go	CAP	ARA_unadjusted	Interest	PR Paid	CAPRemain	ARA Adj%	ARA Adjmt	ARA Adjusted	Net Loss for the Year?	Current Year ARA	ARA Pool Addition	ARA Pool Applied	ARA Pool Unapplied	ARA Return Allowance	CarryFwd ARA	Total ARA Recognized for the year	Impact on Royalties	Additional fixed royalties	proof
2009	25.00000%	3.90%	25	4,964,542,202	$314,440,003.66	193,617,145.88	120,822,857.78	4,843,719,344.22	0%	0.00	314,440,003.66	N	314,440,003.66	0.00	0.00	0.00	0.00	0.00	314,440,003.66	78,610,000.91		314,440,003.66
2010	25.00000%	3.73%	24	4,843,719,344.22	$308,963,464.52	180,670,731.54	128,292,732.98	4,715,426,611.24	0%	0.00	308,963,464.52	N	308,963,464.52	0.00	0.00	0.00	0.00	0.00	308,963,464.52	77,240,866.13	0.00	308,963,464.52
2011	25.00000%	3.29%	23	4,715,426,611.24	$295,479,145.03	155,137,535.51	140,341,609.52	4,575,085,001.73	0%	0.00	295,479,145.03	N	295,479,145.03	0.00	0.00	0.00	0.00	0.00	295,479,145.03	73,869,786.26	0.00	295,479,145.03
2012	25.00000%	2.43%	22	4,575,085,001.73	$270,933,277.98	111,174,565.54	159,758,712.44	4,415,326,289.29	0%	0.00	270,933,277.98	N	270,933,277.98	0.00	0.00	0.00	0.00	0.00	270,933,277.98	67,733,319.49	0.00	270,933,277.98
2013	25.00000%	2.84%	21	4,415,326,289.29	$282,033,088.89	125,395,266.62	156,637,822.27	4,258,688,467.01	0%	0.00	282,033,088.89	N	282,033,088.89	0.00	0.00	0.00	0.00	0.00	282,033,088.89	70,508,272.22	0.00	282,033,088.89
2014	25.00000%	2.73%	20	4,258,688,467.01	$279,152,971.21	116,262,195.15	162,890,776.06	4,095,797,690.96	0%	0.00	279,152,971.21	N	279,152,971.21	0.00	0.00	0.00	0.00	0.00	279,152,971.21	69,788,242.80	0.00	279,152,971.21
2015	25.00000%	2.17%	19	4,095,797,690.96	$265,350,974.37	88,878,809.89	176,472,164.48	3,919,325,526.48	0%	0.00	265,350,974.37	y	0.00	265,350,974.37	0.00	265,350,974.37	2,879,058.07	268,230,032.45	0.00	0.00	0.00	265,350,974.37
2016	25.17077%	1.92%	18	3,919,325,526.48	$259,592,019.83	75,251,050.11	184,340,969.72	3,734,984,556.75	1%	1,761,190.83	257,830,829.00	y	0.00	259,592,019.83	0.00	527,822,052.28	10,134,183.40	537,956,235.68	0.00	0.00		257,830,829.00
2017	27.41154%	2.28%	17	3,734,984,556.75	$267,492,093.24	85,157,647.89	182,334,445.35	3,552,650,111.41	9%	23,532,712.23	243,959,381.01	N	243,959,381.01	0.00	537,956,235.68	0.00	0.00	0.00	734,588,725.15	201,362,082.23		243,959,381.01
2018	0.00000%	0.00%	16	3,552,650,111.41	$222,040,631.96	0.00	222,040,631.96	3,330,609,479.44	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2019	0.00000%	0.00%	15	3,330,609,479.44	$222,040,631.96	0.00	222,040,631.96	3,108,568,847.48	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2020	0.00000%	0.00%	14	3,108,568,847.48	$222,040,631.96	0.00	222,040,631.96	2,886,528,215.52	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2021	0.00000%	0.00%	13	2,886,528,215.52	$222,040,631.96	0.00	222,040,631.96	2,664,487,583.56	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2022	0.00000%	0.00%	12	2,664,487,583.56	$222,040,631.96	0.00	222,040,631.96	2,442,446,951.59	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2023	0.00000%	0.00%	11	2,442,446,951.59	$222,040,631.96	0.00	222,040,631.96	2,220,406,319.63	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2024	0.00000%	0.00%	10	2,220,406,319.63	$222,040,631.96	0.00	222,040,631.96	1,998,365,687.67	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2025	0.00000%	0.00%	9	1,998,365,687.67	$222,040,631.96	0.00	222,040,631.96	1,776,325,055.70	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2026	0.00000%	0.00%	8	1,776,325,055.70	$222,040,631.96	0.00	222,040,631.96	1,554,284,423.74	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2027	0.00000%	0.00%	7	1,554,284,423.74	$222,040,631.96	0.00	222,040,631.96	1,332,243,791.78	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2028	0.00000%	0.00%	6	1,332,243,791.78	$222,040,631.96	0.00	222,040,631.96	1,110,203,159.81	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2029	0.00000%	0.00%	5	1,110,203,159.81	$222,040,631.96	0.00	222,040,631.96	888,162,527.85	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2030	0.00000%	0.00%	4	888,162,527.85	$222,040,631.96	0.00	222,040,631.96	666,121,895.89	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2031	0.00000%	0.00%	3	666,121,895.89	$222,040,631.96	0.00	222,040,631.96	444,081,263.93	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2032	0.00000%	0.00%	2	444,081,263.93	$222,040,631.96	0.00	222,040,631.96	222,040,631.96	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
2033	0.00000%	0.00%	1	222,040,631.96	$222,040,631.96	0.00	222,040,631.96	0.00	#DIV/0!	#DIV/0!	#DIV/0!	N	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!

Note: This UCG calculaiton tab is designed by Syncrude and approved by DOE.

Calculated Field for OSR045 GFE	**Formula**
Monthly Unit Price (can be negative, rounded to 2 decimals)	
Crude Bitumen Unit Price ($/m^3) - AL Sales > or = Threshold%	(Crude Bitumen AL Sales Value - Crude Bitumen AL Handling Charges) / Crude Bitumen AL Sales Volume
	(ie. (TC-HC) / TD)
Crude Bitumen Unit Price ($/m^3) - No AL Sales	(Crude Bitumen Volume at RCP x Bitumen Adj BVM Price) / Crude Bitumen Volume at RCP
	(ie. (NQ x P) / PQ)
Crude Bitumen Unit Price ($/m^3) - AL Sales < Threshold%	((Crude Bitumen AL Sales Value - Crude Bitumen AL Handling Charges) + ((Crude Bitumen Volume at RCP - Crude Bitumen AL Sales Volume) x Bitumen Adj BVM Price)) / Crude Bitumen Volume at RCP
	(ie. ((TC-HC) + ((NQ x P)) / PQ)
Blended Bitumen <Blend Type(s)> Unit Price ($/m^3) - AL Sales > or = Threshold%	(Blended Bitumen AL Sales Value - Blended Bitumen AL Handling Charges) / Blended Bitumen AL Sales Volume
	(ie. (TC-HC) / TD)
Blended Bitumen <Blend Type(s)> Unit Price ($/m^3) - No AL Sales	(((Blended Bitumen Volume at RCP - Diluent in Volume at RCP) x Bitumen Adj BVM Price) + Diluent Value in Volume at RCP) / Blended Bitumen Volume at RCP
	(ie.(NQ x P) + CD) / PQ, where NQ is clean bitumen in the blend)
Blended Bitumen <Blend Type(s)> Unit Price ($/m^3) - AL Sales < Threshold%	(((Blended Bitumen AL Sales Value - Blended Bitumen AL Handling Charges) + ((Blended Bitumen Volume at RCP - Blended Bitumen AL Sales Volume - Diluent in Remaining Volume) x Bitumen Adj BVM Price) + Diluent Value in Remaining Volume)) / Blended Bitumen Volume at RCP
	(ie. ((TC-HC) + ((NQ x P) + CD)) / PQ , where NQ is clean crude bitumen in a blend
Other Oil Sands Product Unit Price ($/unit) - AL Sales > or = Threshold%	(Other Oil Sands Products AL Sales Value - Other Oil Sands Products AL Handling Charges) / Other Oil Sands Products AL Sales Volume
	(ie. (TC-HC) / TD)
Other Oil Sands Product Unit Price ($/m^3) - No AL Sales	((Other Oil Sands Products Volume at RCP x FMV) / Other Oil Sands Products Volume at RCP
	(ie. (NQ x P) / PQ)
Other Oil Sands Product Unit Price ($/m^3) - AL Sales < Threshold%	((Other Oil Sands Products AL Sales Value - Other Oil Sands Products AL Handling Charges) + ((Other Oil Sands Products Volume at RCP - Other Oil Sands Products AL Sales Volume) x FMV)) / Other Oil Sands Products Volume at RCP
	(ie. ((TC-HC) + (NQ x P)) / PQ)
Formula Legend	TC - total consideration received or receivable in the 3rd party disposition
	HC - handling charges in relation to the 3rd party disposition
	TD - 3rd party disposition quantity
	NQ - production quantity at RCP less AL disposition (for Blend, NQ is the clean crude bitumen in a blend)
	P - Bitumen Adj BVM Price or Other Oil Sand Product FMV
	Bitumen Adj BVM Price - bitumen price calculated using BVM Valuation Model and adjusted for quality and transportation
	BVM - Bitumen Valuation Methodology
	PQ - Total volume of oil sands products produced and delivered at the RCP for the month
	CD - Cost of diluent if oil sands product is a blend
Bitumen Adj BVM Price ($/m^3)	Bitumen Hardisty BVM Price - BVM Transportation Allowance - BVM Quality Adjustment
Revenue (can be negative, round to whole value)	
Crude Bitumen Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	Crude Bitumen Volume at RCP x Crude Bitumen Unit Price when AL Sales > or = Threshold
Condition 2 - If no AL Sales	Crude Bitumen Volume at RCP x Crude Bitumen Unit Price when No AL Sales
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	Crude Bitumen Volume at RCP x Crude Bitumen Unit Price when AL Sales < Threshold
Blended Bitumen <Blend Type(s)> Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	Blended Bitumen Volume at RCP x Blended Bitumen Unit Price when AL Sales > or = Threshold
Condition 2 - If no AL Sales	Blended Bitumen Volume at RCP x Blended Bitumen Unit Price when No AL Sales
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	Blended Bitumen Volume at RCP x Blended Bitumen Unit Price when AL Sales < Threshold
Other Oil Sands Products Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	Other Oil Sands Products Volume at RCP x Other Oil Sands Products Unit Price when AL Sales > or = Threshold
Condition 2 - If no AL Sales	Other Oil Sands Products Volume at RCP x Other Oil Sands Products Unit Price when No AL Sales
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	Other Oil Sands Products Volume at RCP x Other Oil Sands Products Unit Price when AL Sales < Threshold
Diluent	
Diluent in Remaining Volume (m^3)	Diluent in Volume at RCP - Diluent Volume in AL Sales Volume
Diluent Value in Remaining Volume ($)	Diluent Value in Volume at RCP - Diluent Value in AL Sales Volume
Diluent in AL Sales Unit Price ($/m^3)	Diluent Value in AL Sales Volume / Diluent Volume in AL Sales Volume
Diluent in Volume at RCP Unit Price ($/m^3)	Diluent Value in Volume at RCP / Diluent in Volume at RCP
Costs	
Period Costs	Project Operations (excludes cost of diluent) + Capital + Diluent
Total Allowed Costs Before ARA	Period Costs + Cumulative Balance Carried Forward Upon Payout + Previous Period's Net Loss + Return Allowance from Prev Period's Net Loss + Excess of Prev Period's GRR over NRR
Total Allowed Costs After ARA	Total Allowed Costs Before ARA for the Period - ARA for UGC
Total Other Net Proceeds	Excess of Prev Period's Total Other Net Proceeds over Total Allowed Costs + Earned Proceeds
Allowable Revenue from Other Net Proceeds	Lesser of Total Allowed Costs Before ARA or Total Other Net Proceeds

Calculated Field for OSR045 GFE	Formula
Excess of Current Period ONP over Total AC Before ARA	Total Other Net Proceeds for the Period - Total Allowed Costs Before ARA for the Period
Diluent	Diluent Value in Volume at RCP
Project Revenue (can be negative)	Sum of Product Revenues (e.g. Crude Bitumen Revenue + Blended Bitumen Revenue + Other Oil Sands Products Revenue)
Gross Revenue (can be negative)	Project Revenue - Diluent Value in Volume at RCP
Net Revenue Before ARA for the Period (must be greater than or equal to 0)	Project Revenue for Period - (Total Allowed Costs Before ARA for Period - Allowable Revenue from Other Net Proceeds for Period)
Net Loss Before ARA for the Period (must be greater than or equal to 0)	Total Allowed Costs for Period Before ARA - (Project Revenue for Period + Allowable Revenue from Other Net Proceeds for Period)
Net Revenue After ARA for the Period (must be greater than or equal to 0)	Project Revenue for Period - (Total Allowed Costs After ARA for Period - Allowable Revenue from Other Net Proceeds for Period)
Excess of Current Period GRR over NRR Before ARA (carry forward to next period)	If Gross Rev Royalty 'GRR' > Net Rev Royalty 'NRR' Before ARA, then: Gross Rev Royalty - Net Rev Royalty; otherwise, value is 0
Revenue for Royalty Calculation	(Total Crude Bitumen Revenue + (Total Blend Bitumen Revenue - Total Diluent Cost in the Blend) + Total Other OS Product Revenue)
	Note: Product Revenue for royalty must be greater than or equal to zero. Diluent value for royalty must be less than or equal to the Blend revenue for royalty.
Net Revenue Royalty Before ARA (rounded to whole value)	Revenue for Royalty Calculation x R_N%Factor x Net Revenue Before ARA / Gross Revenue
Net Revenue Royalty After ARA (rounded to whole value)	Revenue for Royalty Calculation x R_N%Factor x Net Revenue After ARA / Gross Revenue
Gross Revenue Royalty (rounded to whole value)	Revenue for Royalty Calculation x R_G%
R_N% Factor (published by DOE)	R_N% Factor = [25% + (F_N (A-B)], where
	F_N is 15% divided by $65 per barrel
	A is the lesser of the WTI price for the year containing the Period and $120 per barrel;
	B is the lesser of A for that year and $55 per barrel.
R_N%	R_N% = R_N%Factor x NR / GR, where
	R_N% is the Crown's royalty share of the quantity expressed as a percentage;
	NR is the net revenue of the Project for the Period
	GR is the gross revenue of the Project for the Period
R_G% (published by DOE)	R_G%=1% + [F_G (A - B)], where
	R_G% is the Crown's royalty share of the quantity expressed as a percentage;
	F_G is 8% divided by $65 per barrel;
	A is the lesser of the WTI price for the year containing the Period and $120 per barrel;
	B is the lesser of A for that year and $55 per barrel.
Annual Royalty	Annual Royalty is the greater of the Gross Revenue Royalty and the Net Revenue Royalty After ARA amount.
Royalty Installment Calculated (can be negative)	This is the installment calculation of the annual royalty payable. If Gross Revenue Royalty is greater than Net Revenue Royalty Before ARA, the annual royalty payable is the Gross Revenue Royalty amount, otherwise, the annual royalty payble is the Net Revenue Royalty After ARA amount.
	Installment for Gross Revenue Royalty =(R_G% x Monthly Gross Revenue to Date) - Cumulative Royalty Installments Charged
	Installment for Net Revenue Royalty After ARA =[(R_N% Factor x Net Revenue After ARA / Gross Revenue) x Monthly Gross Revenue to Date] - Cumulative Royalty Installments Charged
	Monthly Gross Revenue to Date includes gross revenues from production months up to and including the report month.
	Cumulative Royalty Installments Charged includes Royalty Installments Payable from production months up to and including the production month prior to the report month.
Royalty Installment Payable (cannot be negative)	The Royalty Installment Payable is the same as the Royalty Installment Calculated if the production month is the same as the report month or greater than the report month.
	If the production month is less than the report month, the Royalty Installment Payable is the Royalty Installment Calculated from that production month's report month.
	If the Royalty Installment Calculated for a month is a negative amount, the Royalty Installment Payable for that month is $0.
Cumulative Royalty Installments	Cumulative Royalty Installments charged + Current Month Royalty Installment Payable

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