

Petroleum Plaza – North Tower 9945 – 108 Street Edmonton, Alberta Canada T5K 2G6

November 25, 2010

INFORMATION BULLETIN 2010-04

Subject: New Crude Oil Crown Royalty Statements and Comma-Separated Values (CSV) File Formats

With the January 2011 implementation of the adjusted Alberta Royalty Framework (ARF), changes are required to the Crude Oil Crown Royalty statements and CSV file formats. Attached are copies of the new statements and formats that will be issued for the January 2011 production month.

The Crude Oil Crown Royalty statements and CSV file formats for the current ARF and the previous regime will continue to exist for prior period adjustments.

For further information please contact:

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Attachments:



Energy

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ROYALTY AND MARKETING CRUDE OIL CROWN ROYALTY STATEMENT CURRENT MONTH DETAIL FOR PRODUCTION PERIOD 2010-05 ABBT XXXXXXX

Report Date: 2010/06/25 Business Period: 2010/06

XXXX DRAFT All Volumes Are m³

FACILITY	WELL EVENT IDENT.	TOTAL PROD	CROWN %	CROWN PROD	DEN	FORMULA	GROSS CROWN ROYALTY	CROWN ROYALTY ADJUSTMENT	REASON CODE(S)	NET CROWN ROYALTY
ABBT XXXXXXXX	AB WI xxx xx xx xxx xxWx xx	40.0	100.0000000	40.0	M	TOTAL	2.0	2.0	DOEP	0.0
						NWRR	1.0			
						HONWRR	1.0			
ABBT XXXXXXXX	АВ WI ууу уу уу ууу ууWу уу	20.0	100.0000000	20.0	M	NWRR	1.0	0.0		1.0
SUB-TOTALS		60.0		60.0		PG .	3.0	2.0		1.0
FACILITY TOTAL								0.0		1.0

*** End of Report ***

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Density: L - Light, M - Medium, H - Heavy, U - Ultra Heavy

Formula: NWRR - New Well Royalty Rate, HONWRR - Horizontal Oil Well Royalty Rate

Reason Code(s): DOEP - Deep Oil Exploratory Well Regulation

NOTES:

 $(1) \, {\rm ONLY} \, {\rm THOSE} \, {\rm CROWN} \, {\rm ROYALTY} \, {\rm FEATURES} \, {\rm GIVEN} \, {\rm UP} \, {\rm AS} \, {\rm VOLUMES} \, {\rm ARE} \, {\rm INCLUDED} \, {\rm IN} \, {\rm "CROWN} \, {\rm ROYALTY} \, {\rm ADJUSTMENT"}$

(2) FACILITY TOTALS ARE CARRIED FORWARD TO "CURRENT MONTH SUMMARY" STATEMENT

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XXXX DRAFT

ROYALTY AND MARKETING CRUDE OIL CROWN ROYALTY STATEMENT DETAIL OF ADJUSTMENTS FOR PRODUCTION PERIOD 2010-06 ABBT XXXXXXX

Report Date: Business Period: 2011/01

2011/01/25

All Volumes Are m3

FACILITY	WELL EVENT IDENT.	TOTAL PROD	CROWN %	CROWN PROD	DEN	FORMULA	GROSS CROWN ROYALTY	CROWN ROYALTY ADJUSTMENT	REASON CODE(S)	NET CROWN ROYALTY
AB BT XXXXXXXX	AB WI xxx xx xx xxx xxWx xx									
	PREVIOUS RECORD	100.0	100.0000000	100.0	U NW	RR	5.0	0.0		5.0
	ADJUSTED RECORD	100.0	100.0000000	100.0	U TO	ΓAL	12.5	0.0		12.5
					1	VWRR	2.5			
						4RF	10.0			
	NET ADJUSTMENT	0.0	-	0.0			7.5	0.0		7.5
AB BT XXXXXXX	AB WI yyy yy yy yyy yyWy yy									
	PREVIOUS RECORD	100.0	100.0000000	100.0	U TO		5.0	0.0		5.0
						VWRR	2.5			
						HONWRR	2.5			
	ADJUSTED RECORD	100.0	100.0000000	100.0	U TO		12.5	0.0		12.5
						VWRR	2.5			
	_		_		2	4RF	10.0			
	NET ADJUSTMENT	0.0		0.0			7.5	0.0		7.5
SUB-TOTALS							15.0	0.0		15.0
TOTAL FACILITY	-	0.0		0.0				0.0		15.0

*** End Of Report ***

LEGEND

Density: L - Light, M - Medium, H - Heavy, U - Ultra Heavy

Formula: ARF - Alberta Royalty Framework, NWRR - New Well Royalty Rate, HONWRR - Horizontal Oil Well Royalty Rate

NOTES:

- (1) ONLY THOSE CROWN ROYALTY FEATURES GIVEN UP AS VOLUMES ARE INCLUDED IN "CROWN ROYALTY ADJUSTMENT"
- (2) FACILITY TOTALS ARE CARRIED FORWARD TO "CURRENT MONTH SUMMARY" STATEMENT

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Statement CSV Formats (Highlighted content indicates changes from previous version of the extract.)

OILCURDARF
Oil Royalty Net Statement for current month.

Name	Heading	Туре	Description	
CurrentPeriod	CURR YRMO	YearMonth	The production period in effect when the report was printed.	
ProductionPeriod	PROD YRMO	YearMonth	The current production for the row - should always match the current period in this report.	
Operator	OPER	Text	The BAID of the operator associated with the facility and wellevent mentioned in this row.	
Facility	FACILITY ID	FacilityCode	The code for a facility with production in the Production Period.	
WellEvent	UWI	FacilityCode	The well event code for the well event associated with this row.	
Production	TOTAL PROD	Decimal(3)	The total production for the well event in the specified production period.	
CrownPercent	CR%	Decimal(6)	The percentage of total production that is subject to crown royalty.	
CrownProduction	CR PROD	Decimal(3)	The portion of total production that is subject to crown royalty.	
Vintage	VINT	Enum(N O T X)	The vintage of the production. This will always be 'X' if the production period is 2009-01 or later.	
VintagePercent	VINT%	Decimal(7)	The vintage percent; this will always be 100% if the production period is 2009-01 or later.	
Density	DENSITY	Enum(L M H U)	The density associated with the volumes described in this row.	
GrossCrownRoyaltyOld	GR CR ROY OLD	Decimal(5)	The portion of gross royalty that is classified as "Old" vintage.	
GrossCrownRoyaltyNew	GR CR ROY NEW	Decimal(5)	The portion of gross royalty that is considered to be "New" vintage.	
GrossCrownRoyalty3rd	GR CR ROY 3RD	Decimal(5)	The portion of the gross royalty that is considered to be "Third Tier" vintage.	
GrossCrownRoyaltyNA	GR CR ROY NA	Decimal(5)	The portion of the gross royalty that has no associated vintage/all royalty rates, which is all volume for which the production period is 2009-01 or later.	
CrownReductionOld	CR RED OLD	Decimal(5)	The crown reduction (if any) allowed for the "Old" oil from this well event and period.	
CrownReductionNew	CR RED NEW	Decimal(5)	The crown reduction (if any) allowed for the "New" oil from this well event and period.	
CrownReduction3rd	CR RED 3RD	Decimal(5)	The crown reduction (if any) allowed for the "Third Tier" oil from this well event and period.	
CrownReductionNA	CR RED NA	Decimal(5)	The crown reduction (if any) allowed for the oil that has no associated vintage from this well event and period. Any oil from the production period 2009-01 or later has no associated vintage.	
ReasonCodes	REASON CODE(S)	EnumList	The reason or reasons for the crown reductions allowed for the well event and period.	
NetCrownRoyaltyOld	NET CR ROY OLD	Decimal(2)	The crown royalty for "Old" vintage oil from this well event after the crown reduction has been applied.	
NetCrownRoyaltyNew	NET CR ROY NEW	Decimal(2)	The crown royalty for "New" vintage oil from this well event after the crown reduction has been applied.	
NetCrownRoyalty3rd	NET CR ROY 3RD	Decimal(2)	The crown royalty for "Third Tier" vintage oil from this well event after the crown reduction has been applied.	
NetCrownRoyaltyNA	NET CR ROY NA	Decimal(2)	The crown royalty for "no vintage" oil/all royalty rates from this well event after the crown reduction has been applied. Oil from any production period beginning 2009-01 is considered to have no vintage.	
NetCrownRoyaltyTotal	TOTAL NET CR ROY	Decimal(2)	The total crown royalty for all vintages/all royalty rates after crown reductions have been applied. If the period is 2009-01 or later, this will always be equal to the NetCrownRoyaltyTotal, as all other vintage classifications are discontinued in that period.	
Formula	FORMULA	Text	The Calculation type is used to calculate Gross Royalty. This will be "TOTAL" if there are gross split details.	
GrossDetailFormula1	FORMULA1	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)	
GrossDetailVolume1	GR VOL1	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula1. (for gross split ONLY)	
GrossDetailFormula2	FORMULA2	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)	
GrossDetailVolume2	GR VOL2	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula2. (for gross split ONLY)	
GrossDetailFormula3	FORMULA3	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)	
GrossDetailVolume3	GR VOL3	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula3. (for gross split ONLY)	

OILCURDARF – Sample CSV Content

CURR YRMO,PROD YRMO,OPER,FACILITY ID,UWI,TOTAL PROD,CR%,CR PROD,VINT,VINT%,DENSITY,GR CR ROY OLD,GR CR ROY NEW,GR CR ROY 3RD,GR CR ROY NA,CR RED OLD,CR RED NEW,CR RED 3RD,CR RED NA,REASON CODE(S), NET CR ROY OLD,NET CR ROY NEW,NET CR ROY 3RD,NET CR ROY NA,TOTAL NET CR ROY,FORMULA,FORMULA1,GR VOL1,FORMULA2,GR VOL2,FORMULA3,GR VOL3

OILPREDARF
Shows net royalty statement changes for periods earlier than the current month. Only shows data from production period 2009-01 and later.

Name	Heading	Туре	Description
CurrentProductionPeriod	CURR YRMO	YearMonth	The production period in effect at the time of the extract.
ProductionPeriod	PROD YRMO	YearMonth	The production period of the current row. Is always earlier than the current production period, as current values are provided in the OILCURD extract.
Operator	OPER	Text	The operator associated with well event and period reflected by this item.
Facility	FACILITY ID	FacilityCode	The facility code for the facility associated with the wellevent in this row.
WellEvent	UWI	FacilityCode	The id of a well event that has production in this period.
Production	TOTAL PROD	Decimal(3)	The original value for total production for the well event and period.
CrownPercent	CR%	Decimal(7)	The original value for crown percent for this well event and period. Crown percent is used to calculate the portion of total production that is subject to crown royalty.
CrownProduction	CR PROD	Decimal(3)	The portion of the production for the well event and production period that is subject to crown royalty.
Vintage	VINT	Enum(O N T X)	The vintage associated with the production. As of the 2009-01 production period, this field will always contain 'X', indicating N/A, as vintage assignments are no longer valid under NRF.
VintagePercent	VINT%	Decimal(7)	The vintage percent associated with the production. As of the 2009-01 production period this will always reflect a 100% value, indicating that volumes are 100% assigned to N/A (no vintage).
Density	DENSITY	Enum(L M H U)	The density associtated with the well event and period. Under the New Royalty Framework, the number of densities increases from two to four.
GrossCrownRoyaltyOld	GR CR ROY OLD	Decimal(5)	The gross crown royalty for the portion of crown production that is considered to be "Old" vintage. This will always be zero for periods after 2008-12.
CrossCrownRoyaltyNew	GR CR ROY NEW	Decimal(5)	The gross crown royalty for the portion of crown production that is considered to be "New" vintage. This will always be zero for periods after 2008-12.
GrossCrownRoyaltyThirdTier	GR CR ROY 3RD	Decimal(5)	The gross crown royalty for the portion of crown production that is considered to be "Third Tier" vintage. This will always be zero for periods after 2008-12.
GrossCrownRoyaltyNA	GR CR ROY NA	Decimal(5)	The gross crown royalty for the portion of crown production that has no associated vintage, and is calculated by Formula. For production periods after 2008-12, this will be the only Gross Crown Royalty field that can have a non-zero value.
CrownReductionOld	CR RED OLD	Decimal(5)	The reduction in crown royalty from any relief programs, that applies to the "Old" vintage oil. After the 2008-12 production period, this will always contain 0.
CrownReductionNew	CR RED NEW	Decimal(5)	The reduction in crown royalty from any relief programs, that applies to the "New" vintage oil. After the 2008-12 production period, this will always contain 0.
CrownReductionThirdTier	CR RED 3RD	Decimal(5)	The reduction in crown royalty from any relief programs, that applies to the "ThirdTier" vintage oil. After the 2008-12 production period, this will always contain a value of 0.
CrownReductionNA	CR RED NA	Decimal(5)	The reduction in crown royalty from any relief programs, to oil that has no associated vintage. After the 2008-12 production period, this will be the only crown reduction field that can have a non-zero value.
ReasonCodes	REASON CODE(S)	Text	The reason or reasons for the reductions provided in CrownReductionNew, CrownReductionOld, and CrownReductionThirdTier.
NetCrownRoyaltyOld	NET CR ROY OLD	Decimal(2)	The net royalty for the "old" volume, found by subtracting the crown reduction from the crown royalty. After the 2008-12 production period, this will always contain a value of 0.
NetCrownRoyaltyNew	NET CR ROY NEW	Decimal(2)	The net royalty for the "new" volume, found by subtracting the crown reduction from the crown royalty. After the 2008-12 production period, this will always contain a value of 0.
NetCrownRoyaltyThirdTier	NET CR ROY 3RD	Decimal(2)	The net royalty for the "third tier" volume, found by subtracting the crown reduction from the crown royalty. After the 2008-12 production period, this will always contain a value of 0.
NetCrownRoyaltyNA	NET CR ROY NA	Decimal(2)	The net royalty volume that has no associated vintage/all royalty rates, found by subtracting the crown reduction from the crown royalty. After the 2008-12 production period, this will be the only net crown royalty field that can contain a non-zero value.
NetCrownRoyaltyTotal	TOTAL NET CR ROY	Decimal(2)	The total net crown royalty for the well event, from all vintages/all royalty rates/all royalty rates.
AdjustedProduction	ADJ TOT PROD	Decimal(3)	The revised production volume for the well event and period.
AdjustedCrownPercent	ADJ CR%	Decimal(7)	The revised crown percentage for the well event and period.

AdjustedCrownProduction	ADJ CR PROD	Decimal(3)	The revised crown production for the well event and period.
AdjustedVintage	ADJ VINT	Enum(O N T X)	The revised vintage for the well event and period. Beginnning with the 2009-01 production period this field will always contain 'X', indicating no vintage is in effect due to the New Royalty Framework.
AdjustedVintagePercent	ADJ VINT%	Decimal(7)	The revised vintage percent for the well event and period.
AdjustedDensity	ADJ DENSITY	Enum(L M H U)	The revised density for the well event and period.
AdjustedGrossRoyaltyOld	ADJ GR ROY OLD	Decimal(5)	The revised gross royalty for the well event and period, "old" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedGrossRoyaltyNew	ADJ GR ROY NEW	Decimal(5)	The revised gross royalty for the well event and period, "new" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedGrossRoyaltyThirdTier	ADJ GR ROY 3RD	Decimal(5)	The revised gross royalty for the well event and period, "third tier" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedGrossRoyaltyNA	ADJ GR ROY NA	Decimal(5)	The revised gross royalty for the well event and period, for volume that has no associated vintage. After the 2008-12 production period, this will be the only adjusted gross royalty field that can hold a non-zero value.
AdjustedReductionOld	ADJ GR RED OLD	Decimal(5)	The revised reduction for the well event and period, "old" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedReductionNew	ADJ GR RED NEW	Decimal(5)	The revised reduction for the well event and period, "new" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedReductionThirdTier	ADJ GR RED 3RD	Decimal(5)	The revised reduction for the well event and period, "third tier" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedReductionNA	ADJ GR RED NA	Decimal(5)	The revised reduction for the well event and period, for oil that has no associated vintage. After the 2008-12 production period, this will be the only adjusted reduction column that can contain a non-zero value.
AdjustedReasons	ADJ REASON CODE(S)	Text	Adjusted reason codes.
AdjustedNetCrownRoyaltyOld	ADJ NET ROY OLD	Decimal(2)	The adjusted net royalty, "old" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedNetCrownRoyaltyNew	ADJ NET ROY NEW	Decimal(2)	The adjusted net royalty, "new" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedNetCrownRoyaltyThird	ADJ NET ROY 3RD	Decimal(2)	The adjusted net royalty, "third tier" vintage only. After the 2008-12 production period, this will always contain a value of 0.
AdjustedNetCrownRoyaltyNA	ADJ NET ROY NA	Decimal(2)	The adjusted net royalty, for oil that has no associated vintage/all royalty rates. After the 2008-12 production period, this will be the only adjusted net crown royalty field that can have a non-zero value.
AdjustedNetCrownRoyaltyTotal	ADJ TOTAL NET CR ROY	Decimal(2)	The adjusted total net royalty for all vintages/all royalty rates.
Formula	FORMULA	Text	The Calculation type is used to calculate Gross Royalty. This will be "TOTAL" if there are gross split details.
AdjustedFormula	ADJ FORMULA	Text	The adjusted Calculation type used to calculate Gross Royalty. This will be "TOTAL" if there are gross split details.
GrossDetailFormula1	FORMULA1	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
Adjusted GrossDetailFormula1	ADJ FORMULA1	Text	A adjusted detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
GrossDetailVolume1	GR VOL1	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula1. (for gross split ONLY)
Adjusted GrossDetailVolume1	ADJ GR VOL1	Decimal(5)	The adjusted portion of the gross volume that has calculated by Adjusted GrossDetailFormula1. (for gross split ONLY)
GrossDetailFormula2	FORMULA2	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
Adjusted GrossDetailFormula2	ADJ FORMULA2	Text	A adjusted detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
GrossDetailVolume2	GR VOL2	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula2. (for gross split ONLY)
Adjusted GrossDetailVolume2	ADJ GR VOL2	Decimal(5)	The adjusted portion of the gross volume that has calculated by Adjusted GrossDetailFormula2. (for gross split ONLY)
GrossDetailFormula3	FORMULA3	Text	A detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
Adjusted GrossDetailFormula3	ADJ FORMULA3	Text	A adjusted detail Calculation type is used to calculate split Gross Volume. (for gross split ONLY)
GrossDetailVolume3	GR VOL3	Decimal(5)	The portion of the gross volume that has calculated by GrossDetailFormula3. (for gross split ONLY)
Adjusted GrossDetailVolume3	ADJ GR VOL3	Decimal(5)	The adjusted portion of the gross volume that has calculated by Adjusted GrossDetailFormula3. (for gross split ONLY)

OILPREDARF – Sample CSV Content

CURR YRMO,PROD YRMO,OPER,FACILITY ID,UWI,TOTAL PROD,CR%,CR PROD,VINT,VINT%,DENSITY,GR CR ROY OLD,GR CR ROY NEW,GR CR ROY 3RD,GR CR ROY NA,CR RED OLD,CR RED NEW,CR RED 3RD,CR RED NA,REASON CODE(S), NET CR ROY OLD,NET CR ROY NEW,NET CR ROY 3RD,NET CR ROY NA,TOTAL NET CR ROY,ADJ TOT PROD,ADJ CR%,ADJ CR PROD,ADJ VINT,ADJ VINT%,ADJ DENSITY,ADJ GR ROY OLD,ADJ GR ROY NEW,ADJ GR ROY NA,ADJ GR RED OLD,ADJ GR RED NEW,ADJ GR RED 3RD,ADJ GR RED NA,ADJ REASON CODE(S),ADJ NET ROY OLD,ADJ NET ROY NEW,ADJ NET ROY 3RD,ADJ NET ROY NA,ADJ TOTAL NET CR ROY,FORMULA,ADJ FORMULA,FORMULA1,ADJ FORMULA1,GR VOL1,ADJ GR VOL1,FORMULA2,ADJ FORMULA2,GR VOL2,ADJ GR VOL2,FORMULA3,ADJ FORMULA3,GR VOL3,ADJ GR VOL3 2010-09,2010-08,0R46,ABBT0048027,ABWI100042400717W400,100.000,100.000000,100.000,NA,1,U,0.000000,0.00