

November 2018

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ANNOUNCEMENTS

Enhanced Hydrocarbon Recovery Program: Secondary Recovery Scheme Benefit Schedule

The Enhanced Hydrocarbon Recovery Program (EHRP) was launched on January 1, 2017. At that time, the amount of data available to Alberta Energy regarding **secondary recovery** operation was extremely limited. It was decided that the benefit period for **secondary recovery schemes** in the program would be determined on a case by case basis by the Minister (*Enhanced Hydrocarbon Recovery Royalty Regulations AR 210/2016, Sec. 6(3)(b)*).

After reviewing EHRP applications received to date, it has been decided that **secondary recovery schemes** will receive a benefit term equal to 80% of the term allotted to tertiary recovery schemes. Attached is the schedule that will be used to determine these benefit periods for **secondary recovery schemes** based on the incremental recovery factor (**S-Factor**) which will be calculated using the same formula that is used in calculating the incremental recovery factor for tertiary recovery scheme (*Enhanced Hydrocarbon Recovery Royalty Regulations AR 210/2016, Sec. 8(1)*).

If you have any questions, please email Energy.MRFPrograms@gov.ab.ca

Authorized by:

Perry Zyla
Director, Oil Royalty Operations Resource Revenue and Operations

See [Appendix B](#) for Terms for Secondary Schemes

Office Closures – Christmas Period

All Alberta Energy offices will be closed from Monday, December 24, 2018 to Tuesday, January 1, 2019, inclusive. The submission deadline for the December 2017 invoice is Monday, December 17, 2018. However, due to the time constraints caused by the closure please have all form submissions and requests to Gas Royalty Operations by Monday, December 10, 2018 to ensure sufficient time for processing for the invoice. Offices will re-open on Wednesday, January 2, 2019.

October 2018 Sulphur VA4 Reporting

Due to the upcoming holidays, we would like to request your help in sending in your Sulphur report submissions earlier, before the deadline date.

Sulphur VA4 report deadline for October 2018 production is on Monday, December 17th. Due to the proximity to the holidays, submissions by Friday, December 14th, would be very much appreciated in order to facilitate timely completion of the processing and systems requirements. If you have any questions, please contact Arlene Astorga, Pricing & Analysis at 403-297-5459, or arlene.astorga@gov.ab.ca.

Potential Postal Strike

In the event of a postal strike, royalty clients are advised that royalty payments are required by the specified due dates on the Gas Royalty Crown Invoice. Please note, interest charges will not be waived should payments arrive late into Department offices.

The following website identifies the ability to have royalty payments submitted by auto debit.

<https://www.energy.alberta.ca/AU/Services/Pages/ETS.aspx>

Contact: Linda Humeniuk at 780-427-7705 or Mary Burrows at 780-422-5198

Reminder of Important Changes to Statute Barred Production Reporting Effective December 31, 2018

Please note that on December 31, 2018, production years 2014 and 2015 will both become statute barred. Legislation has reduced the time-frame (open years) for filing amendments from four years to three years, starting with the 2015 production year.

Under the new legislation (production year 2015 and onward), the department has up to five years to complete an audit or examination and operational teams have an additional six months to complete any recalculations arising from these audits.

For the production year 2014, Industry requests to keep the year open for amendments will still be considered and the procedure remains the same as previously established. Precise instructions on the requirements for consideration by the department will be published in the September 2018 Information Bulletin.

*Requests from Industry for the **2015 production year** to be kept open to submit fillings will no longer be accepted or processed, in accordance with the updates to the Mines and Minerals Act, section 38 which was initially announced by Information Letter on December 10, 2015.

Refer to [Information Letter 2015-38](#) for more details about changes made to the Mines and Minerals Act.

MONTHLY INFORMATION

Re-Allocation of Assigned Volumes (RMF2s)

As per [the Alberta Natural Gas Royalty Guidelines \(2009, Updated\)](#), Chapter III, Section 2.2.1, Royalty clients may submit an RMF2 form if they wish to reassign all or part of their Crown and/or freehold volumes of gas and gas products allocated to well events, well groups, units, or injection schemes. The RMF2 Listing report identifies the royalty clients' active RMF2s currently in our system as well as the date that the form was last used to re-assign volumes.

Royalty Clients should review their RMF2 reports issued each month, and are requested to submit termination dates for those RMF2s that are no longer required. The number of unused documents continues to increase. Part 3.4 of the RMF2 form requires a Termination Date be completed and it should be defined for a reasonable timeframe. The RMF2 is not intended for the facilitation of sales activity between clients. In those instances, the OAF can be changed in order to facilitate a smooth transition of responsibility for the production volumes. As a reminder,

the department will require definite termination dates applied to each form (Part 3.4). If the termination date is not on the form, it will be returned to the submitter. The Department expects that this will reduce the number of obsolete documents in our system.

If you require any additional information, please contact VCR at VCR@gov.ab.ca.

Pricing for Gas and Gas Products

For pricing on gas, gas products, and transportation information for September 2018, please refer to the [Information Letter](#).

The monthly default sulphur price for **September 2018** is **\$118.00**. Below are the annual sulphur default prices:

2014	2015	2016	2017
\$82.35	\$101.10	\$43.13	\$57.11

September 2018 Royalty Due December 31, 2018

Royalty clients are to remit the total amount payable shown on the December 2018 Statement of Account by December 31, 2018. If the amount payable includes accrued current period interest, the interest has only been accrued to the statement issue date. Clients must also include the additional interest that has accrued from the statement issue date to the date of payment, using the per diem amount provided. Current period interest will not be charged on current invoice charges for the production month of September if it is paid in full by December 31, 2018.

The December 2018 Statement of Account shows your amount payable as of the Statement issue date. It includes any outstanding balances from your previous statement, your September 2018 invoice amount and any applicable current period interest charges. It also identifies refunds resulting from overpayments.

Note: If the due date falls on a non-business day, the next business day will apply as the due date except for the month of March due to the Government of Alberta's fiscal year end. In this situation, the due date will apply previous to the non-business day as the due date.

Please refer to the Alberta Natural Gas Royalty Guidelines (2009, Updated) Chapter VII Section 1- Levying and Collecting Natural Gas Royalty. Also, refer to Natural Gas Royalty Regulation, 2017 Payment of royalty compensation.

Cheques are made payable to the Government of Alberta and must contain the G94 account number as reflected on the Statement of Account.

October 2018 VA4 due December 15, 2018

The VA4 forms for the production month of October 2018 are due in the department offices by December 15, 2018.

Note: If the due date falls on a non-business day, the next business day will apply as the due date for VA4 forms.

Petrinex Deadline Submissions

The Petrinex deadline for SAF, OAF, and Volumetric submissions are posted on the Petrinex website "[Reporting Calendars](#)" under Calendars. **Changes to this calendar will be posted on the [Petrinex website home page](#) in "Broadcast Messages."**

Interest Rate November 2018

Alberta Energy's interest rate for November 2018 is **4.95%**

August Provisional Assessment Charge

The summary of Provisional Assessment Charges for all production periods in the August 2018 billing period was:

First Time Provisional Assessment	Reversals of Provisional (Net)	Net Provisional Assessment
\$866,865.98	(\$1,569,548.36)	(\$702,682.38)

August Penalty Charges

The penalty table below shows at the form level, the total penalty charges and reversals, for the August 2018 billing period.

Forms	Penalty Charges	Penalty Reversals	Net Penalty Charges for 2018/08
AC2	\$265,300	(\$16,100)	\$249,200
AC5	\$0	\$0	\$0
NGL*	\$0	\$0	\$0
VA3	\$0	\$0	\$0
VA4	\$0	\$0	\$0
Total	\$265,300	(\$16,100)	\$249,200

* NGL Price Reporting

Production Allocation Discrepancy (PAD) Potential Royalty Impact

As of the August 2018 billing period, the potential royalty dollar impact is estimated as \$13.9 million, for the production months of March through August 2018.

NOTE: These values are not intended to show that Crown royalty has been understated but do illustrate the consequences of incorrect reporting.

Well Event Measured Depth Determination Letter

The department has issued via Petrinex to facility Operators a “Well Event Measured Depth Determination Letter” on November 1st and November 16th, 2018. This letter identifies the confirmed Measured Depth (MD) of each active well event that will be used to calculate the Depth Factor (DF) of the quantity component rate under the Alberta Royalty Framework formula. A well event that is not listed on the letter and does not have a confirmed MD will receive a DF of 1. All changes to the MD are applied on a go forward basis only. When the changes to the MD are confirmed by the department, a letter is issued to a facility operator who reports changes through Petrinex to well event attributes affecting MD. Facility operators are advised to submit well event attribute changes on or before the last day of the calendar month in order to ensure timely determination of MD.

NGDDP Confidential Wells

Wells designated as “confidential” will be reviewed prior to the removal of the “confidential” status, if the directional surveys and completion reports are provided to the department. Send directional surveys and completion reports to GasRoyaltyPrograms@gov.ab.ca

If you have any questions, please contact Lily Hiew in Gas Royalty Features at 780-427-1550.

INFRASTRUCTURE DATA

Business Associate ID Listing

The BA Identifiers Report is a directory of Business Associate (BA) names, codes, status (e.g. struck, active, amalgamated, etc.), status effective dates, and effective August 2004, and includes Working Interest Owner (WIO) role start/end dates.

This [report](#) is also published daily on the Petrinex website.

The Department reminds Business Associates to review their WIO role to ensure that the start and end dates are reflected correctly. If the BA does not have an active WIO role, the operators cannot allocate volumes to the BA for the relevant production periods through the SAF/OAF allocations.

- If a BA has a WIO role, then that BA can receive SAF/OAF allocations from the WIO role start date forward.
- If a BA has a WIO role with an end date, then they can only receive SAF/OAF allocations from the WIO role start date until the end date. Any SAF/OAF allocations after the end date will be rejected.
- If a BA does not have a WIO role start date, then that BA cannot receive SAF/OAF allocations.

Please contact Client Registry/Crown Land Data at 780-422-1395 or CrownLandDataSupport@gov.ab.ca if you have any questions regarding the information supplied in this article.

Client Status Changes

Clients must ensure that all royalty documents are completed using only valid client names and IDs. It is critical that royalty clients use current legal client names and their appropriate IDs on all documents to ensure accurate royalty calculation and to prevent provisional assessment and penalties. Rejects will occur when invalid IDs are used.

If you require information regarding client status changes, names, or IDs please contact Client Registry/Crown Land Data at 780-422-1395 or CrownLandDataSupport@gov.ab.ca.

Nova Tolls - Multiple Gas Reference Prices

Royalty information related to the implementation of the Factor Model negotiated with industry for determining Multiple Gas Valuation Prices is provided on the Natural Gas website's Royalty Related Information page under [Facility Royalty Trigger Factors and Meter Station Ties](#).

REMINDERS

Natural Gas Liquids Buyer Identification

The Natural Gas Liquids (NGL) Reference Prices represent the field-based provincial reference prices, which are calculated using information submitted by all NGL buyers. As with every program, we strive to maintain our database to ensure inputs to the calculation are kept as current as possible. In this regard, we are seeking your assistance with identifying NGL buyers that purchase product at Alberta field locations. Please review the attached list of NGL buyers ([Appendix A](#)) that are already known to us and send us an email with the names and contacts of NGL buyers that are not on the list.

We would like to contact the new companies as soon as possible to enable them to prepare for the reporting requirements.

Contacts

For further information or to submit names and contacts of NGL buyers please contact:

Terry Rayne
Director
Pricing and Analysis
Phone: 403-297-5467
Email: Terry.Rayne@gov.ab.ca

Winnie Tam
Team Lead
Pricing and Analysis
Phone: 403-297-5427
Email: Winnie.Tam@gov.ab.ca

DOE Gas Royalty Operations Scheduled System Application Upgrade

DOE Gas Royalty Operations is scheduling a system application upgrade to its Mineral Revenue Information System (MRIS) between September 26th, 2018 and October 1st, 2018. During this time, **no files of any kind submitted by industry to Petrinex will be processed by MRIS**. All incoming files will be processed/validated by Petrinex and then held in a processing queue within the DOE until such time as the system upgrade is complete on October 1, 2018. The invoice cycle in September (July Billing Period) will run as normal, and upon conclusion of that cycle on September 25th, all files that were queued to be processed by MRIS will be processed and

results sent to Petrinex. After that has completed, the application upgrade will commence and files will once again be queued until such time as the upgrade completes on October 1st. For any questions on this process, please contact the Volumetric & Cost Reporting Team at VCR@gov.ab.ca or 780-422-8727 (Alberta Toll Free – 310-0000).

Department Initiated Amendments for 2014 Royalty

The following is under review by the department for the production year 2014 and will be completed in 2019:

Accuracy of royalty related volumetric submissions, including but not limited to:

- PURDISP/PURREC reporting and ABWG 99999 allocations.
- Accuracy of royalty related gas cost allowance submissions.

If you have any questions regarding this process, please contact the Control Assurance team at ControlAssurance.Energy@gov.ab.ca.

Statutory Requirement and Recalculation of 2014 Royalty

A production year becomes statute barred on December 31st, four years after the end of a production year. Once a year has become statute barred, calculation or recalculation of royalty does not occur on a monthly basis. Section 38 of the Mines and Minerals Act provides for recalculation of royalty that can be initiated in two ways:

1. On the department's initiative in conjunction with an audit or examination; or
2. At the request of a royalty payer.

Audits in Progress

Non-operator partners are advised that certain 2014 Allowable Operating and Capital Costs (including costs reported at facilities where fractionation occurs), Custom Processing Fees,

Custom Processing Adjustment Factor (CPAF), Enhanced Oil Recovery Schemes, CO₂ Project Credit claims and volumetric reporting discrepancy audits are currently in progress.

It is anticipated that these audits will be completed before December 31, 2018. However, should circumstances warrant a completion of these audits in 2019, we no longer provide a list of the facilities affected by the outstanding custom processing adjustment factor review and the AC2 review. Please note that all facilities and all facility cost centres are open for a potential review.

Royalty clients are also reminded that amendments received by the department in the fourth year following the production year may be subject to audit. If the amendments are received late in the fourth year and insufficient time is available for the department to commence a review of the amendments prior to the end of the year, the department reserves the right to commence the audit at the beginning of the fifth year.

If you have any questions, please contact Robert Sonogo, Manager, Compliance & Assurance, Calgary, at 403-297-8774.

Industry Recalculation of 2014 Royalty

Industry initiated royalty recalculation requests for the 2014 production year must be submitted in writing to Volumetric & Cost Reporting, Gas Royalty Operations at VCR@gov.ab.ca on or before December 31, 2018 and must include the information listed below.

- Identification of the recalculation facility or facilities
- A list of the royalty variables proposed for recalculation
- The reason for the recalculation
- The production year of the recalculation
- An order of magnitude estimate (i.e. >\$100,000, >\$1 Million, >\$2 Million, etc.,) of the recalculation requested
- Identification of all royalty clients that may be impacted by the request (this is necessary, especially in situations where volumes may be cascaded to another client who is expected to respond to the cascade)
- Confirmation from the operator that the affected partner(s) have been notified
- A sample copy of the submission pertaining to a particular production month in paper or electronic format (e.g., excel)

If the request meets the department's terms and conditions for recalculation, it will be approved. A request made during the fourth year following the production year, must be completed before the end of the fifth year, with a reasonable time for a review by the department, prior to the end of the fifth year.

Due to office closure during December 24, 2018 to January 1, 2019 inclusive, any inquiries concerning the extension of the 5th year for amendment submission will only be addressed on or before **December 21, 2018**. Submissions will be accepted up to and including **December 31, 2018**, but should there be any deficiencies, the request will be denied.

If you have any questions regarding this process, please contact the Volumetric & Cost Reporting team.

BUSINESS CONTACTS

Quick Reference

Group	Email
Petrinex Business Desk	Petrinexsupport@Petrinex.ca
Client Registry / Crown Land Data	CrownLandDataSupport@gov.ab.ca
Volumetric & Cost Reporting	VCR@gov.ab.ca
Management Information	ManagementInformation.Energy@gov.ab.ca
Gas Royalty Accounting	GasRoyaltyAccounts.Energy@gov.ab.ca
Gas Royalty Rapid Transit Payments	G94Deposit@gov.ab.ca
Gas Royalty Features	GasRoyaltyPrograms@gov.ab.ca
Freehold Mineral Tax	Mintax.Energy@gov.ab.ca

Petrinex Business Desk

The focal point for communications regarding preparations for, access to, or utilization of Petrinex is the Petrinex Business Desk, or Petrinex Support.

Phone: 403-297-6111 or 1-800-992-1144

Fax: 403-297-3665

Email: Petrinexsupport@Petrinex.ca

Website: www.Petrinex.ca

Volumetric & Cost Reporting

Volumetric & Cost Reporting (V&CR) is the Front Line of contact for inquiries relating to volumetric and cost reporting as well as gas royalty calculation processes. V&CR is made up of four teams as shown below:

Team	Team Lead
Volumetrics	Nicole Karpan
Costs	Sheruna Naidoo
Process Support	Penny Calen
Adherence	Oana Jurgea

Gas Royalty Voicemail: 780-422-8727

Fax: 780-427-3334

Alberta Toll Free: 310-0000

Gas Royalty Email: VCR@gov.ab.ca

Hours of operation are 8:15 a.m. to 4:30 p.m. Voice messages left after 4:30 p.m. will be answered the next business day.

Management Information

All inquiries or requests that relate to royalty information (e.g. Information Letter, Information Bulletin and other Department of Energy's Natural Gas website publications) and questions related to Commercial Storage, Soldier Settlement, and Farm Gas should be forwarded to the Management Information Team at ManagementInformation.Energy@gov.ab.ca.

Royalty Accounting

All inquiries or requests that relate to royalty accounting (e.g. Transfers, Refunds, Interest, Statement of Account, Collections and Royalty Deposits) should be forwarded to the Royalty Accounting Team at GasRoyaltyAccounts.Energy@gov.ab.ca.

Gas Royalty Features

All inquiries or requests that relate to royalty programs (e.g. Natural Gas Deep Drilling Program, New Well Royalty Rates and Otherwise Flared Solution Gas Royalty Waiver Program) should be forward to the Royalty Features team at GasRoyaltyPrograms@gov.ab.ca.

Freehold Mineral Tax

All inquiries or requests that relate to Freehold Mineral Tax (FMT) (e.g. Recalculation of Tax, Notice of Objections, Electronic Transfer System (ETS), inquires for FMT, Freehold Role transfers, Unit Value Submissions, Title Transfers, Mineral Tax Redemption Act (MTRA), EOR on Freehold Lands) should be forwarded to the FMT Help Desk at Mintax.Energy@gov.ab.ca.

Reference Prices and Valuation Allowances Calculation Information

For information related to Natural Gas and Natural Gas Liquids reference prices, and Sulphur valuation submissions (VA3 and VA4), contact the Pricing & Analysis Team located at the Alberta Energy office in Calgary:

Pricing & Analysis
300, 801 – 6 Avenue SW
Calgary, Alberta T2P 3W2
Telephone: 403-297-5514
Fax: 403-297-5400
Email: GasValuation.Energy@gov.ab.ca

Alberta Energy Internet Webpage

Prices, Royalty Rates and Transportation Information are available on the Alberta Energy Internet webpage: www.energy.alberta.ca. From “Our Business”, navigate to “Natural Gas”, “About Natural Gas”, “Prices”, and “Alberta Natural Gas Reference Price (ARP)”. In addition, both the Gas Royalty Information Bulletins and Information Letters are also available under “Our Business”, navigate to “Natural Gas”, “Legislation, Guidelines & Policies”.



Richard Stokl
Director, Gas Royalty Operations
Royalty Operation

Appendix A

Natural Gas Liquids Purchasers

Accel Canada Holdings Limited
Accel Energy Canada Limited
Acme Energy Marketing Ltd.
Alliance Energy Services LLC
Altagas Ltd.
BP Canada Energy Group ULC
Canadian Enterprise Gas Products Ltd.
Canadian Natural Resources Ltd.
Cenovus Energy Inc.
City Service Valcon, LLC
ConocoPhillips Canada Resources Corp.
Elbow River Marketing Limited
Gibson Energy ULC
Husky Oil Operations Limited
Imperial Oil Resources
Keyera Energy Ltd.
Kiros Energy Marketing ULC
Pembina NGL Corporation
PENGROWTH Energy Corporation
Petrogas Energy Corp.
Plains Midstream Canada
Repsol Oil & Gas Canada Inc.
Shell Chemicals Canada
Superior General Partner Inc.
Targa Canada Liquids Inc.
Tidal Energy Marketing Inc.
Tidewater Midstream and Infrastructure Ltd.

Appendix B

Terms for Secondary Schemes

Secondary benefit periods as determined by the Minister.

Enhanced Hydrocarbon Recovery Royalty Regulation (AR210/2016), section 6(2)(b) and Schedule

The Minister may re-determine the term.

Enhanced Hydrocarbon Recovery Royalty Regulation (AR210/2016), section 6(4)

S-Factor Range	Term (Months)	S-Factor Range	Term (Months)	S-Factor Range	Term (Months)
0 - 0.223	0	0.405 - 0.409	25	0.596 - 0.600	49
0.224 - 0.233	2	0.410 - 0.423	26	0.601 - 0.614	50
0.234 - 0.238	3	0.424 - 0.428	27	0.615 - 0.619	51
0.239 - 0.247	4	0.429 - 0.438	28	0.620 - 0.628	52
0.248 - 0.252	5	0.439 - 0.442	29	0.629 - 0.633	53
0.253 - 0.266	6	0.443 - 0.457	30	0.634 - 0.647	54
0.267 - 0.271	7	0.458 - 0.461	31	0.648 - 0.652	55
0.272 - 0.276	8	0.462 - 0.466	32	0.653 - 0.657	56
0.277 - 0.285	9	0.467 - 0.476	33	0.658 - 0.666	57
0.286 - 0.295	10	0.477 - 0.485	34	0.667 - 0.676	58
0.296 - 0.304	11	0.486 - 0.495	35	0.677 - 0.685	59
0.305 - 0.309	12	0.496 - 0.500	36	0.686 - 0.690	60
0.310 - 0.314	13	0.501 - 0.504	37	0.691 - 0.695	61
0.315 - 0.328	14	0.505 - 0.519	38	0.696 - 0.709	62
0.329 - 0.333	15	0.520 - 0.523	39	0.710 - 0.714	63
0.334 - 0.342	16	0.524 - 0.533	40	0.715 - 0.723	64
0.343 - 0.347	17	0.534 - 0.538	41	0.724 - 0.728	65
0.348 - 0.361	18	0.539 - 0.552	42	0.729 - 0.742	66
0.362 - 0.366	19	0.553 - 0.557	43	0.743 - 0.747	67
0.367 - 0.371	20	0.558 - 0.561	44	0.748 - 0.752	68
0.372 - 0.380	21	0.562 - 0.571	45	0.753 - 0.761	69
0.381 - 0.390	22	0.572 - 0.580	46	0.762 - 0.771	70
0.391 - 0.400	23	0.581 - 0.590	47	0.772 - 0.780	71
0.401 - 0.404	24	0.591 - 0.595	48	0.781 - 1.000	72