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PLEASE ENSURE YOUR PRODUCTION ACCOUNTANTS RECEIVE A COPY OF THIS DOCUMENT
PRICING ROYALTY RATES AND TRANSPORTATION INFORMATION

A. For Pricing, Royalty Rates and Transportation Information for May 2013, refer to the Information Letter.

The monthly default sulphur price for May 2013 is $89.10.

Annual Sulphur Default Price

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>$297.38</td>
<td>$5.83</td>
<td>$42.19</td>
<td>$109.98</td>
<td>$98.02</td>
<td></td>
</tr>
</tbody>
</table>

B. NOTICES

Correction to May’s Royalty Deposit Adjustment

The annual royalty deposit adjustment is calculated as 1/6th of the client’s previous year’s royalty multiplied by a factor. The factor of 1.75 is calculated by dividing the current year’s long term gas price for 2013 of 3.75 by the average 2012 Alberta Reference Price of 2.14. The adjustment was processed in the Initial Annual Billing Period (IABP), June 2013 calendar month (April 2013 billing period invoice).

If you have any questions, please contact Joey Dennis at 780-643-1596.

2013 Capital Cost, Operating Cost and Custom Processing Fee Allowances

For the January through March 2013 billing period invoices, royalty clients received estimated monthly cost deductions that were based on actual allowable costs for the 2011 production year, multiplied by their estimated Facility Effective Royalty Rates (FERR), divided by 12 (months).

The information in the 2012 AC2, AC3, and AC5 documents was used to calculate the 2012 actual capital cost, operating cost and custom processing fee allowances. The calculations are reflected in the April 2013 Initial Annual Billing Period (IABP) invoice, issued in June 2013.

The 2012 actual allowable costs become the royalty client’s 2013 allowable cost estimates, except when a cost estimate is manually processed in the January, February, March or April 2013 production month; in which case, the system does not replace it with a new cost estimate in the April Initial Annual Billing Period (IABP) invoice. A client must submit a written request for a subsequent adjustment to be made. (See Chapter 6, Section 1 of the Guidelines).
Commencing with the April 2013 billing period, royalty clients receive monthly deductions based on their 2013 allowable cost estimates, multiplied by their new FERR, minus the total deductions received in the January through March 2013 billing period invoices, divided by the number of months remaining in the year (e.g., 9 months as of the April billing period).

If a royalty client requires a change to the 2013 go-forward allowable cost estimates and/or the FERR, a written request with supporting documentation must be submitted to the Gas Royalty Volumetric and Cost Reporting team. These estimates must be calculated and submitted at a client/facility level.

If you require further information, please contact your respective Volumetric & Cost Reporting portfolio representative as identified in Section F of this bulletin.

**AC2 Retirement Reporting**

Further to an article in the November 2012 Gas Royalty Information Bulletin, the Department of Energy advises that capital cost retirements reported on the AC2 are subject to review and will be reversed if not correctly reported. Appendix N of the 2009 Alberta Natural Gas Royalty Guidelines states:

“Retired asset means an asset included in the allowable capital cost of a facility cost centre that has been permanently retired from service.”

In determining if an asset has been correctly retired, the Department will review the type of asset and the purpose of the asset to ensure that all impacted reporting documents reflect the correct retirement information.

If the retired asset is an FCC for a tie-in to a specific well, it is expected that the well’s production has diminished to a level where it is uneconomic to produce before retirement is considered. In this situation, it is expected that the well status will be reported as abandoned and the FCC will be terminated on the AC1 within the time provided in the Mines and Minerals Act for industry clients to amend their submissions.

If the tie-in is used by more than one well, all of the wells using the tie-in must be reported as abandoned.

If the retired asset is an FCC for a compressor for a specific well, the reporting would be similar to the tie-in. The retirement of the compressor should be supported by documentation showing the compressor has been permanently removed from service.

A compressor moved from one FCC to another FCC is not considered a retirement. Compressors moved from an FCC to another FCC should be reported as a transfer on the AC2 from the transferring FCC and a transfer in on the AC2 of the receiving FCC. The value of the transfer should be at the depreciated value of the compressor.

Each retirement situation will have unique characteristics and should be reviewed to ensure that the reporting for impacted FCCs and wells is correct and valid.
If you have any questions about the retirement of assets on an AC2 please contact Robert Sonego, Audit Manager, Compliance and Assurance at 403-297-8774 or Robert.Sonego@gov.ab.ca.

C. MONTHLY INFORMATION

**May 2013 Royalty Due August 31**

- Royalty clients are to remit the total amount payable shown on the August 2013 Statement of Account by August 31, 2013. 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.

- The August 2013 Statement of Account shows your amount payable as of the Statement issue date. It includes any outstanding balances from your previous statement, your May 2013 invoice amount and any applicable current period interest charges. It also identifies refunds resulting from overpayments.

- Current period interest will not be charged on current invoice charges for the production month of May 2013 if it is paid in full by August 31, 2013.

- Current period interest will accrue on any overdue charges commencing the first day after the due-date until it is paid in full.

  **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.

- Cheques are payable to the Government of Alberta.

**June 2013 VA4 Due August 15**

The VA4 forms for the production month of June 2013 are due in the department offices by August 15, 2013.

**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 July 2013**

Alberta Energy’s interest rate for July is 4.00%.

**April Provisional Assessment Charge**

The summary of Provisional Assessment Charges for all production periods in the April 2013 billing period was:

<table>
<thead>
<tr>
<th>First Time Provisional Assessment</th>
<th>Reversals of Provisional Assessments (Net)</th>
<th>Net Provisional Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,214,885.08</td>
<td>($3,372,095.08)</td>
<td>($157,210.00)</td>
</tr>
</tbody>
</table>

**April Penalty Charges**

The penalty table below shows at the form level, the total penalty charges and reversals, for the April 2013 billing period.

<table>
<thead>
<tr>
<th>Forms</th>
<th>Penalty Charges</th>
<th>Penalty Reversals</th>
<th>Net Penalty Charges for 2013/04</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC2</td>
<td>$64,300</td>
<td>$0</td>
<td>$64,300</td>
</tr>
<tr>
<td>AC4</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>AC5</td>
<td>$3,300</td>
<td>$0</td>
<td>$3,300</td>
</tr>
<tr>
<td>NGL1</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>VA2</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>VA3</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>VA4</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$67,600</strong></td>
<td><strong>$0</strong></td>
<td><strong>$67,600</strong></td>
</tr>
</tbody>
</table>

**Production Allocation Discrepancy (PAD) Potential Royalty Impact**

As of the April 2013 billing period, the potential royalty dollar impact is estimated as $15.4 million, distributed as follows by production year:

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$6.5 million</td>
<td>$6.0 million</td>
<td>$1.0 million</td>
<td>$1.9 million</td>
</tr>
</tbody>
</table>

**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 a “Well Event Measured Depth Determination Letter” under the Report Package DOE – Gas to facility operators via Petrinex on July 1 and 15, 2013. This letter shows 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. 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. All changes to the MD are applied on a go forward basis only. Facility operators are advised to submit well event attribute changes by the last day of the calendar month in order for 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. Please send directional surveys and completion reports to GasRoyaltyPrograms@gov.ab.ca

If you have any questions, please contact Joyce Chen at 780-427-1550.

**D. INFRASTRUCTURE DATA CHANGES**

**Client 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, 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 at 780-422-1395, if you have any questions regarding the information supplied on this listing.

**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 names or IDs, please contact Client Registry at 780-422-1395.

**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.

**E. REMINDERS**

**Business Operations Working Committee (BOWC) Information Exchange 2013**

BOWC and the Department of Energy will be conducting an information exchange session in Calgary on October 3, 2013.

**Date/time:** Thursday, October 3, 2013, 9:30 am to 12:00 pm  
Doors open at 9:00 AM (refreshments available)  
Presentation begins at 9:30 AM

**Location:** ConocoPhillips Conference Center  
Gulf Canada Square  
3rd Floor Auditorium  
401 - 9th Avenue S.W.  
Calgary, Alberta  
T2P 2H7

**Registration:** Please email Connie Brailean at ODEdmOp@gov.ab.ca by Friday September 27, 2013 to register for the session. Please include the subject line: **BOWC Info Exchange 2013** in your email. As seating is limited, please indicate the number of attendees from your company, their names and email addresses.

The Information Exchange includes a 30 minute networking session where members of Oil and Gas Royalty Operations will be available.
Please note this session is not intended to address policy questions, rather focuses on royalty operations

F. \textbf{POINTS OF CONTACT}

\textit{Quick Reference}

<table>
<thead>
<tr>
<th></th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrinex</td>
<td><a href="mailto:Petrinexsupport@Petrinex.ca">Petrinexsupport@Petrinex.ca</a></td>
</tr>
<tr>
<td>V&amp;CR</td>
<td><a href="mailto:VCR1@gov.ab.ca">VCR1@gov.ab.ca</a></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:VCR2@gov.ab.ca">VCR2@gov.ab.ca</a></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:VCR3@gov.ab.ca">VCR3@gov.ab.ca</a></td>
</tr>
<tr>
<td>Gas Royalty Accounts</td>
<td><a href="mailto:GasRoyaltyAccounts.Energy@gov.ab.ca">GasRoyaltyAccounts.Energy@gov.ab.ca</a></td>
</tr>
<tr>
<td>Royalty Features</td>
<td><a href="mailto:GasRoyaltyPrograms@gov.ab.ca">GasRoyaltyPrograms@gov.ab.ca</a></td>
</tr>
</tbody>
</table>

\textit{Petrinex (formerly Petroleum Registry of Alberta)}

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

Contact Information:
Phone: 403-297-6111 or 1-800-992-1144
Fax: 403-297-3665
Email: Petrinexsupport@Petrinex.ca
Website: www.Petrinex.ca

\textit{Volumetric \& Cost Reporting}

Volumetric \& Cost Reporting is structured as a Business Associate client portfolio system, which assigns a given Business Associate to one of three teams. Listed below is the portfolio breakdown along with the Volumetric \& Cost Reporting Team Leads and phone numbers. The portfolios are divided by company name and not by BA ID.

Example: If your company name is the “Gas Company” you would call the C – G team at 780-644-1202
Gas Royalty Reception: 780-422-8727
Fax: 780-427-3334 or 780-422-8732
Alberta Toll Free: 780-310-0000

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.

In situations where a company has just amalgamated or purchased another company, the general rule is to call the team that is responsible for the “Supra” business associate, or Royalty payer.

Below are some guidelines for clients who are unsure which Volumetric and Cost Reporting Team to call regarding their questions.

1. **Amalgamation/consolidation** - Call the team responsible for the “Supra” business associate (Royalty Payer).
   i.e. ABC Oil and Gas amalgamates with Zed Exploration and Zed is the amalgamator (royalty payer). When calling Volumetric and Cost Reporting regarding business for ABC Oil and Gas, you would call Team 3 (Q-Z) (780-644-1203) because Zed Exploration is now the Supra business associate and royalty payer. This rule would apply even if you were calling regarding business that is prior to the acquisition or amalgamation.

2. **Asset Purchase** - Call the team responsible for your company.
   i.e. 123 Gas purchases the assets of TSP Exploration, but not the company. When calling Volumetric and Cost Reporting regarding business for 123 Gas, you would call Team 1 (# Co., A, B, & H-P) (780-644-1201) because you have only purchased assets.

3. **Consultants/service providers** - If you have a contract to provide production accounting services to a company, call the team responsible for your client’s company.
   i.e. Paul Snow Consulting Services enters into a contract with Duckback Oil and Gas and Olive Oil and Gas. Paul Snow would contact Team 2 (C-G) (780-644-1202) to discuss Duckback Oil business and Team 1 (# Co., A, B, & H-P) (780-644-1201) to discuss Olive Oil and Gas business. At the time the contract is signed, Paul Snow would have had each company notify the appropriate team that he was authorized for their company.
Management Information

Effective March 1, 2013, all royalty deposit inquiries are to be forwarded to the Royalty Accounting Team at GasRoyaltyAccounts.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.

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 forwarded to the Royalty Features team at GasRoyaltyPrograms@gov.ab.ca.

Alberta Energy Internet

Prices, Royalty Rates and Transportation Information are available on the Alberta Energy Internet address: www.energy.alberta.ca, from “Our Business”, navigate to “Natural Gas”, “About Natural Gas”, “Prices”, “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”.

Reference Prices and Valuation Allowances Calculation Information

Gas Royalty Valuation and Markets
300, 801 – 6 Avenue SW
Calgary, Alberta T2P 3W2
Telephone: 403-297-5514
Fax: 403-297-5400

Richard Stokl
Director, Gas Royalty Operations
Royalty Operations