

AER Enhanced Production Audit Program (EPAP) **– CAI Revisions**

Jurisdiction	Release/Revision Date	Location of Change in this Document	Comment
AB	October 2, 2024	Oct 3 Implementation	CAI Updates for Oct 3/24
AB	September 13, 2024	Sept 4 Implementation	Added information related to deleted CAI's
AB	September 5, 2024	Sept 4 Implementation	Update information replaces information for CAI 186
AB	September 4, 2024		CAI Updates for Sept 4/24
AB	July 2, 2024		CAI Updates for Nov 2/23, Dec 5/23 and July 5/24
AB	January 23, 2023		CAI Updates for Nov 2, 2022
AB	April 20, 2022		CAI Updates for Mar 2, 2022
AB	Jan 18, 2022		CAI Updates for May 2021, June 2, 2021, July 7, 2021, September 1, 2021, and October 6, 2021
AB	Mar 3/21		CAI Updates as of Jan 6, 2021
AB	May 12, 2020		CAI Updates as of May 4, 2020
AB	Oct 2, 2019		CAI Updates as of Oct 2, 2019
AB	Aug 1 2019		CAI updates as of August 7, 2019
AB	June 4, 2019		CAI updates as of June 5, 2019
AB	Jan 22, 2019		CAI updates as of February 6, 2019
AB	Sept 6, 2017		CAI updates as of September 6, 2017
AB	Jan 19, 2016		CAI updates as of February 3, 2016
AB	Jan 7, 2016		CAI updates as of December 2, 2015
AB	Aug 25, 2015		CAI updates as of September 2, 2015
AB	March 26, 2015		Initial Release

Audience: Alberta EPAP Users

Purpose: To advise AB EPAP users when there is a revision to a Compliance Assessment Indicator (CAI). This tip will be updated as additional CAIs are revised.

Implemented October 3, 2024**CAI 151 Questionable Use of Destination Codes – Receipt**

In cases where there is a receipt of oil/condensate from an in-province miscellaneous facility (Alberta ABMC) or an unlinked well, the supplemental information will appear in the Trigger Description column for CAI 151.

- Refer to the June 5, 2024, Petrinex Tip, titled '[AB & SK Supplemental Volumetric Information Requirements](#)' for further details.

Implemented September 4, 2024**CAI 185 – Excessive Gas Proration Factor – Oil/Gas Proration Battery**

- Gas proration factor deviated from unity (1.00000) by +/- 10%.
- Example: Proration factor > 1.10000 or < 0.90000
- Add subtypes 322, 362, 364, and 367 to the scripting for CAI 185
- Replaces CAIs 135 - 138

CAI 186 – Excessive Gas Proration Factor – Gas Proration Battery

- Gas proration factor deviated from unity (1.00000) by +/- 20%.
- Example: Proration Factor > 1.20000 or < 0.80000
- Add subtypes 363 and 366 to the scripting for CAI 186
- Replaces CAIs 135 - 136

CAI 187 – Excessive Oil Proration Factor – Oil Proration Battery

- Oil proration factor deviated from unity (1.00000) by +/- 5%.
- Example: Proration Factor > 1.05000 or < 0.95000
- Add subtype 322 to the scripting for CAI 187
- Replaces CAIs 155 - 158

CAI 188 – Excessive Oil Proration Factor – Bitumen Proration Battery

- Oil proration factor deviated from unity (1.00000) by +/- 15%.
- Example: Proration Factor > 1.15000 or < 0.85000
- Add Subtypes 342, 344, and 345 to the scripting for CAI 188
- Replaces CAIs 159 - 162

CAI 189 – Excessive Water Proration Factor – Oil/Gas Proration Battery

- Water proration factor deviated from unity (1.00000) by +/- 10%.
- Example: Proration Factor > 1.10000 or < 0.90000
- Add subtypes 322, 362, 364, and 367 to the scripting for CAI 189
- Replaces CAIs 163 - 166

CAI 190 – Excessive Water Proration Factor – Bitumen Proration Battery

- Water proration factor deviated from unity (1.00000) by +/- 15%.
- Example: Proration Factor > 1.15000 or < 0.85000
- Add subtypes 342, 344, and 345 to the scripting for CAI 190
- Replaces CAIs 167 - 170

- CAI 135 – Excessive Gas Proration Factor (4) – Proration Battery
- CAI 136 – Excessive Gas Proration Factor (3) – Proration Battery
- CAI 137 – Excessive Gas Proration Factor (2) – Proration Battery
- CAI 138 – Excessive Gas Proration Factor (1) – Proration Battery
- CAI 155 – Excessive Oil Proration Factor (4) – Oil Proration Battery
- CAI 156 – Excessive Oil Proration Factor (3) – Oil Proration Battery
- CAI 157 – Excessive Oil Proration Factor (2) – Oil Proration Battery
- CAI 158 – Excessive Oil Proration Factor (1) – Oil Proration Battery
- CAI 159 – Excessive Oil Proration Factor (4) – Bitumen Proration Battery
- CAI 160 – Excessive Oil Proration Factor (3) – Bitumen Proration Battery
- CAI 161 – Excessive Oil Proration Factor (2) – Bitumen Proration Battery
- CAI 162 – Excessive Oil Proration Factor (1) – Bitumen Proration Battery
- CAI 163 – Excessive Water Proration Factor (4) – Proration Battery
- CAI 164 – Excessive Water Proration Factor (3) – Proration Battery
- CAI 165 – Excessive Water Proration Factor (2) – Proration Battery
- CAI 166 – Excessive Water Proration Factor (1) – Proration Battery
- CAI 167 – Excessive Water Proration Factor (4) – Bitumen Proration Battery
- CAI 168 – Excessive Water Proration Factor (3) – Bitumen Proration Battery
- CAI 169 – Excessive Water Proration Factor (2) – Bitumen Proration Battery
- CAI 170 – Excessive Water Proration Factor (1) – Bitumen Proration Battery
- Disable CAIs 135-138, 155-158, 159-162, 163-166, and 167-170

Implemented July 5, 2024

- CAI 171 – Missing Gas Volume for a Crude Oil Well - Well-Level (VME0041)
- Add subtypes 311 to the scripting for CAI 171

Implemented December 5, 2023

- CAI 172 – Missing Gas Volume for a bitumen well – Well-Level (VME0042)
- Add subtype 331 to the scripting for CAI 172

Implemented November 2, 2023

- CAI 123 – Low Solution Gas Conservation Efficiency – Oil/Bitumen Battery
- Disable CAI 123

CAI 113 – Invalid Well Links – Single-well Battery

- Disable CAI 113

Implemented November 2, 2022

- CAI 118 – Directive 017 Chapter 5 Approval, Oil receipts – Oil/Bitumen Proration Battery
- Remove subtypes 344 and 345 from the scripting for CAI 118
- CAI 150 – Questionable Use of Destination Codes – Disposition
- Remove subtypes 631 and 632 from the scripting for CAI 150.
- CAI 151 - Questionable Use of Destination Codes – Receipt
- Remove subtypes 631 and 632 from the scripting for CAI 151.

CAI 125 – Questionable Fuel Volume – Facility

- Add subtype 622 to the scripting for CAI 125

Implemented February 2, 2022

CAI 150 – Questionable Use of Destination Codes – Disposition

- Add subtypes 207, 208, 381, 401, 402, 403, 404, 405, 406, 407, 501, 502, 503, 504, 505, 506, 507, 508, 509, 621, 622, 671, 673, 675, 902, 903, to the scripting for CAI 150.
- To include Manitoba as a Petrinex jurisdiction which will allow the use of MB facility codes as a “from/to” in AB/MB will no longer generate CAI 150 and 151. The use of MB MC will still trigger a CAI.

CAI 151 – Questionable Use of Destination Codes – Receipt

- Add subtypes 207, 208, 381, 401, 402, 403, 404, 405, 406, 407, 501, 502, 503, 504, 505, 506, 507, 508, 509, 621, 622, 671, 673, 675, 902, 903, to the scripting for CAI 151.
- To include Manitoba as a Petrinex jurisdiction which will allow the use of MB facility codes as a “from/to” in AB/MB will no longer generate CAI 150 and 151. The use of MB MC will still trigger a CAI.

Implemented October 6, 2021

CAI 103 – Unacceptable Oil Proration Factor – Proration Battery

- Remove subtype 366 from the scripting for CAI 103

CAI 125 – Questionable Fuel Volume - Facility

- Add subtypes 365, 366, 367 to the scripting for CAI 125

CAI 154 – Invalid Oil Imbalance - Battery

- Add subtype 365 to the scripting for CAI 154

CAI 176 – Zero Fuel Volume - Facility

- Add subtypes 365, 366, 367 and 622 to the scripting for CAI 176

Implemented September 1, 2021

CAI 150 – Questionable use of Destination Codes – Disposition

- Include B.C. as a Petrinex jurisdiction

CAI 151 – Questionable use of Destination Codes - Receipt

- Include B.C. as a Petrinex jurisdiction

Implemented July 7, 2021

CAI 105 – Unacceptable Water Proration Factor – Proration Battery

- Remove subtype 366 from the scripting for CAI 105

Implemented June 2, 2021

CAI 103 – Unacceptable Oil Proration Factor – Proration Battery

- Add subtypes 362 and 364 to the scripting for CAI 103

Implemented May 5, 2021

CAI 117 – Directive 017 Chapter 5 Approval, Gas Receipts – Proration Battery

- Remove subtypes 344 and 345 from the scripting for CAI 117

Implemented January 6, 2021

CAI 108 – Unacceptable Hours on Production/Injection – Abandoned/Suspended Well

- CAI 108 is triggered when the production/injection hours on a well are over reported for the month. Whenever an active well changes status to suspended, abandoned, or ministry suspended mid-month, the allowable hours are now calculated based on the status change date.

Implemented May 4, 2020

CAI 112 – Linked Well Status Fluid Type – Inappropriate for Facility Subtype

- will no longer be issued if the well status is SUSP, ABZONE, ABANDONED at the end of the current production month.

Implemented May 4, 2020

CAI 112 – Linked Well Status Fluid Type – Inappropriate for Facility Subtype

- will no longer be issued if the well status is SUSP, ABZONE, ABANDONED at the end of the current production month.

Implemented October 2, 2019

CAI 112 – Linked Well Status Fluid Type – Inappropriate for Facility Subtype

- Remove status of SUSP, ABZONE, ABANDONED, ABANDONED WHIPSTOCK, AND JUNK

CAI 147 – Identical Activity Volume Reported – 6 Month Duration - Battery

- Name change

Implemented August 7, 2019

CAI 163 – Excessive Water Proration Factor (4) – Proration Battery

- Name change

CAI 164 – Excessive Water Proration Factor (3) – Proration Battery

- Name change

CAI 165 – Excessive Water Proration Factor (2) – Proration Battery

- Name change

CAI 166 – Excessive Water Proration Factor (1) – Proration Battery

- Name change

CAI 103 – Unacceptable Oil Proration Factor – Proration Battery

- Remove subtypes 362, 363, 364 from the scripting for CAI 103

CAI 117 – Gas Receipts – Oil/Bitumen Proration Battery

- add subtypes 344, 345, 363, 366 to the scripting for CAI 117

Implemented June 5, 2019

CAI 152 – Invalid Gas Metering Difference – Battery

- Add subtypes 345 and 365 to the scripting for CAI 152

CAI 153 – Invalid Water Metering Difference - Battery

- Add subtypes 321, 341, 345, and 365 to the scripting for CAI 153

Implemented February 6, 2019

CAI 112 – Linked Well Status Fluid Type Inappropriate for Facility Subtype

- To identify oil wells linked to bitumen batteries
- The Query CAI functionality will no longer identify the wells in the Trigger Description. The number of wells will be indicated and a link to a table listing the wells.
- When using the CAI download function if a facility has more than 1 well identified, there will be multiple rows (1 for each well)

CAI 174 – Proration Factor Reported for non-prorated battery – Gas

- Include subtype 321 Crude Oil Multiwell Group battery and subtype 341 Crude Bitumen Multiwell Group battery

Implemented September 6, 2017

CAI 119 and CAI 121 – Volumetric Venting Threshold

- Changed to 15.0 103m3 on go-forward basis

Implemented February 3, 2016

CAI 176 Zero Fuel Volume – Facility

Include Gas Plant subtypes 401, 402, 403, 404, 405, 406, 407.

Implemented December 2, 2015

CAI 112 Linked Well Status Type Inappropriate for Facility Type

- Do not generate CAI for Suspended status facilities

Implemented September 2, 2015

CAI 117 Directive 017 Chapter 5 Approval, Gas Receipts – Proration Battery

- Include all proration batteries where the total gas receipts (including purchase receipts) are greater than 75% of the total gas dispositions (including purchase dispositions, fuel, flare, and vent). **Tolerance has been raised from greater than 35% to greater than 75%**
- Exclude proration batteries where gas receipt + purchased receipt is equal to or less than fuel gas.

CAI 118 Directive 017 Chapter 5 Approval, Oil Receipts – Oil/Bitumen Proration Battery

- Include all oil/bitumen proration batteries where total oil/bitumen receipts are greater than 1000m3 and are greater than 100% of the total oil/bitumen produced. **Tolerance has been raised from greater than 25% to greater than 100%**

CAI 137 Excessive Gas Proration Factor (2) – Proration Battery

- Exclude facility subtypes 363 and 366.

CAI 138 Excessive Gas Proration Factor (1) – Proration Battery

- Exclude facility subtypes 363 and 366.

Implemented April 8, 2015

CAI 116 Directive 017 Chapter 5 Approval, Gas Receipts – Single-Well Battery

- Exclude single well batteries where gas receipt + purchased receipt is equal to or less than fuel gas.

Implemented March 4, 2015

CAI 153 Invalid Water Metering Difference – Battery

- Remove subtypes 321 and 341

CAI 176 Zero Fuel Volume – Facility

- Exclude: shut in facilities, facilities reporting inventories and or load inventories only.

Implemented February 4, 2015

CAI 152 Invalid Gas Metering Difference – Battery

- Change Name to include "GAS"

Implemented Dec 3, 2014

CAI 112 Linked Well Status type Inappropriate for Facility Type

- Add Subtype 345



TIP

CAI 150 Questionable Use of Destination Codes – Disposition

- Exclude dispositions to Saskatchewan (SK) facilities.

CAI 151 Questionable Use of Destination Codes – Receipts

- Exclude receipts from Saskatchewan (SK) facilities.

CAI 176 Zero Fuel Volume – Facility

- Not generating all occurrences

More information: Please contact the Petrinex Business Desk.

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