



## Registry Alert

# Linking and Reporting Brine Source Wells

Release/Revision Date	Location of change in this document	Comment
February 01, 2007		Initial Release

**Audience:** All Stakeholders

**Purpose:** This Alert informs stakeholders how to begin reporting brine production from brine source wells. This alert specifically targets the reporting requirements for licensed wells which are drilled for the purpose of producing brine for non-oilfield related purposes.

Brine which is produced and/or generated in conjunction with underground caverns is reported using the S-25 Waste Management statement (see newly released [Directive 047 – Monthly Oilfield Waste Management Facility Statement – December 15<sup>th</sup>, 2006](#)).

**Definition:** **Brine:** Saline water/brackish water (more than 4000 milligrams per litre [mg/L] of total dissolved solids).

**Background:** Previously, licencees were unable to report brine water production on the Petroleum Registry of Alberta. It was possible to add a “Brine N/A N/A N/A” well status to a brine source well but it was not possible to link this status to a reporting facility.

There are approximately 40 wells which currently have a status of “BRINE N/A N/A N/A” on the Petroleum Registry of Alberta. Currently it is not possible to report brine production for these wells. This alert outlines the steps licensees must take to change this and begin reporting Brine Production via the Petroleum Registry of Alberta.

**Key Principles:** Effective January 8<sup>th</sup>, 2007 licensees are now able to report brine related well activities by using a well status of “BRINE FLOW N/A N/A” or “BRINE PUMP N/A N/A”. Unlike the old brine status (ie BRINE N/A N/A N/A) these statuses will allow licensees to link the brine well to a battery defined by sub-type 903 (ie Brine Production). The detailed steps outlining this procedure are described in this alert.



## Procedure:

To allow the reporting of brine related well activity:

To change “Brine N/A N/A N/A” status, to either

- Brine Flow N/A N/A
- Brine Pump N/A N/A

Go to: Infrastructure → Well Infrastructure → Edit Well Status

- Enter well id and license or select the well using the well lookup.
- Click Go.
- Select “Brine N/A N/A N/A” Status.
- Note the date of this status (required in step below).
- Click “Delete”.
- Click “Submit”.
- Note, successful message MSG005.
- Click “Add”.
- Select “Brine Flow N/A N/A” or “Brine Pump N/A N/A” status.
- Enter effective date for status (from previous step).
- Click “OK”.
- Enter GCI Top and Base.
- Enter Pool or Undefined Pool.
- Enter Facility Link (see previous step).
- Click “Submit”.

## Known Issues:

Note, using the Modify button on the Edit Well Status screen in an attempt to modify the “Brine N/A N/A N/A” status to the correct status, may result in one or both of the following error messages to be generated:

- *IFW032 Invalid Undefined-Pool*
- *IFW039 Pool, Deposit or Undefined-Pool can only be changed by EUB*

To avoid this problem, follow the step by step procedure documented previously.

## Resolution:

On a go forward basis, the correct status to use for brine source wells will be “BRINE FLOW N/A N/A” or “BRINE PUMP N/A N/A”. Furthermore, when reporting well production activities as part of the volumetric submission for a battery sub-type 903 the valid product will be BRKWTR. Note, that FSHWTR and/or WATER activities will also be allowed at the facility level but not at the well level. All three water products will, however, be rolled up to the product group “WATER” when the Registry balances the facility.



Petroleum Registry of Alberta

**More information:**

For more information regarding Brine Production Reporting contact the EUB PA Help Desk at 297-8952 or e-mail [pa.help@gov.ab.ca](mailto:pa.help@gov.ab.ca).