North Dakota Department of Mineral Resources - Oil and Gas Division:

NorthSTAR NEWSLETTER

News, updates, and more on the RBDMS system upgrades.

Is there a new XML format available?

Release 3 is scheduled at this time for a May 2021 release. Training and tools are being put together and will be provided in the next newsletters more specific to the release.

Several have asked if there is a new XLM format available – here is the information we have right now:

- An XML file will be the uploaded into NorthSTAR. The file you upload may contain any number of different report types in any amount.
- There will be some reports handled by submitting them through the "Upload Test Results" online form in NorthSTAR, and not via the XML Upload. These will be communicated soon.
- Excel templates will be provided for each Form Type that will be reported via the XML Upload.
- Forms will no longer be referred to by number but by name. (Example: *Form 5* will now be called the *Oil Report.*)
- XML Schema & Excel Templates will be available soon.

Contents

Questions?

Submit a Question - Click Here

Phone - 701.328.8020

Release 3 Features: Anticipated May 2021

NorthSTAR Release 3 is scheduled to arrive Spring 2021. Operators should be aware that several existing production forms will be moved to NorthSTAR including:

- Form 5 - Oil Report
- Form 5B - Gas Report
- Form 5P - Treating Plant Report
- Form 5 SWD - Skim Report
- Form 8 - Authorization to Purchase and Transport Oil
- Form 10 - Oil Purchaser Report
- Form 12 - Gas Processing Plant Report
- Form 12A - Gas Processing Plant Receipts
- Form 16 - Disposal Report
- Form 17 – Enhanced Recovery Report
- Form 17A – Enhanced Recovery Source Report

General XML Flow:

Below is a general example of the flow of submitting an XML file into NorthSTAR. This is subject to change as we continue to build out Release 3.

1. Upload one XML file.
   - One XML file can contain multiple reports, including multiple Report Types
2. File upload will be validated (XSD Validation). All errors will be visible to the submitter.
   - Each Report Type can have a status of Pass, Warning or Fail.
     - <u>Pass</u> will be submitted into the system.
     - <u>Warning</u> will be submitted into the system. Feedback will be provided. The submitter can choose to continue and submit the file or they can go back and upload a corrected XML file and do the initial validation again.
     - <u>Fail</u> will not be submitted into the system. Feedback will be provided. The submitter can choose to continue and submit the file or they can go back and upload a corrected XML file and do the initial validation again.
       - One "failed" Report Type will not impact the acceptance of other Report Types which received a "pass" or "warning".
3. After validation, final is submitted. All Report Types with a "pass" or "warning" status are tested by business rules. (Example: Is the Submitter the Operator of the facility?)
4. A final results "report" will be available for viewing to see what was fully accepted into the system and what was not - including reasons for not accepting if available.

Webinars & Training Available

Training Materials for NorthSTAR are located on the NorthSTAR information page:
https://www.dmr.nd.gov/oilgas/northstar.asp

The training page includes:
- **Frequently Asked Questions**
- **Training Videos**
- **User Training Manuals**

If there is a piece of training needed, submit the request to the NorthSTAR questions page and we will work on making additional training materials available.

NorthSTAR Tips & Tricks

- DO include, *if available,* the NDIC File Number for the well in the description on the form information tab. This makes it much simpler for searching!

- DO OPEN YOUR APPROVED, RETURNED, DECLINED FORMS! - There will be notes on your form indicating amendments, stipulations, and more. If you form says "Approved" you may be missing that there are stipulations still included in that approval. Don't forget to open and review your forms.

NorthSTAR Project Schedule: Release 3

The below schedule is subject to change.

IN PROGRESS

Release 3 (R3)
January 2020 – May 2021

Production
Facilities
Inspections (Internal)
Hearings and Dockets (Internal)

◆ In Progress

LIVE: Release 1 Build: October 2018 – September 2019

LIVE: Release 2 Build: June 2019 – January 2020

IN PROGRESS: Release 3 Build: January 2020 – May 2021

Release 3 Overview

Production ◆ IN PROGRESS

- Operators will be able to submit, review, and maintain their production, injection, disposal, purchaser and transporter details, and treating plant data.

Facilities ◆ IN PROGRESS

- Create, review, maintain, and/or monitor facility information.

Inspections ◆ IN PROGRESS (Internal Use)

- Oil and Gas Division inspectors will be able to utilize NorthSTAR in the field for creating, processing, and monitoring inspection of wells in ND. The system will also allow them easier ability to generate letters to operators related to those inspections.
- Create, maintain or monitor compliance records

Hearing and Dockets ◆ IN PROGRESS (Primarily Internal Use)

- Oil and Gas Division staff will be able to utilize NorthSTAR to create case and hearing data as well as monitor the status of all cases and hearings taking place.

Data Tier

◆ IN PROGRESS

This tool will collect data out of NorthSTAR and be available for operators and other users to view and create their own custom reports. Data Tier will be a new functionality which will fall outside of NorthSTAR that external entities can purchase access to. More information to come.

NorthSTAR Features Now LIVE

Release 1 & 2 Overview
More information on accessing NorthSTAR is available here: **https://www.dmr.nd.gov/oilgas/northstar.asp**

Entity Management ◆ NOW LIVE

- Allows organizations to build an entity profile within the NorthSTAR database. Each organization can review entity information or set up an entity with its organizational report, contact information, and administrators. Administrators can submit forms and configure permissions for the entity established in the system.
- A Form 2 will still need to be submitted to the Division to establish initial access to the database.

Bond Management ◆ NOW LIVE

- Bonding within NorthSTAR allows for review of bond details, amounts, wells on bond and other information.

General Functions ◆ NOW LIVE

- General features built out during release 1 included all the of the modern conveniences of using a cloud-based app. This includes being able to upload documents into the system, link entities to each other and users to different entities. These general features of the system make the database more user friendly but more importantly result in time savings for both the Oil and Gas Division and the operators.

Permitting ◆ NOW LIVE

- Submit Application for Permit to Drill (APD) through NorthSTAR. Permitting through NorthSTAR is more transparent for the operator, allowing them to see where the permit is in the review process and any comments received.

Well Management: Completion & Plugging Sundry ◆ NOW LIVE

- Well Management allows the operator to see well details, forms, history, files, permits, and more about a specific well being operated. NorthSTAR allows operators to only see your own organization's information, not the information of all operators in the state. To access well information for other wells you can still use the Subscription services on the Oil and Gas Division website.
- Well Management also includes Completion and Plugging reports (Form 6) and Sundry notices (Form 4).

Transfer of Operatorship ◆ NOW LIVE

- Utilize NorthSTAR to submit the proper documentation and paperwork to complete a transfer of assets. This online form allows for both organizations involved in the transfer as well as the surety company involved to interact on the same online form to successfully complete a transfer.
- Transfer of Ownership, much like the Bond Management, requires hard copy documentation and signatures to still be submitted to the Oil and Gas Division for the proper documentation.