

Release Notes

IRIS Version 5.15

Release Date: August 2, 2018

<i>Release Notes Publication Date</i>	<i>Notes and Changes Made</i>
August 2, 2018	Initial Release

About

This release implemented 92 items including enhancements to the Allowable Rate of Production (ARP) with updates to the Production/Injection & ARP tabs, Public Offering application, Non-Productivity Review process and Well applications. New functionality has been employed to assist with monitoring and compliance of oil well production as well as the Reclamation Liability Reduction applications. Also addressed in this release are defects within the Disposition Transfer application. The security module continues to improve with the implementation of new password security functionality this release.

What's changed?

The highlights of what's changed in IRIS as a result of this release are noted below.

Note: Whether a user has access to the functionality or enhancements outlined in these *Release Notes* depends on the individual's security access and assigned permissions sets.

Petroleum Tenure Module

- For Public Offerings, an enhancement has been added to the Posting Request application to enable users to create and save multiple Posting Request applications before submitting. For example, once a posting request application has been drafted, but not submitted, user can click on a button within the application, labelled "Start New Request". This will automatically pre-populate a new Posting Request application with the same contact information from the user's last posting request application. Once all applications are drafted, the user can then submit Posting Request applications one by one.
- An enhancement to the Non-Productivity Review process will be implemented. Industry users are encouraged to subscribe to these two, new Non-Productivity notifications through the Notification Preferences.

When a Non-Productivity One Year Notice date has come due where the lease in question has reached the end of its one year notice and the Notice of Non-Productivity has not been met, IRIS will

generate a notification to the Lessee, Confidential Designated Representative and the Non-Productivity applicant. The Notice will state that the lands under the lease will be expired and may be published in the next available Public Offering.

Also, when a Non-Productivity One Year Notice date has come due where the lease in question has reached the end of its one year notice and the Notice of Non-Productivity has been met, IRIS will generate a notification to the Lessee, Confidential Designated Representative and the Non-Productivity applicant. The Notice will state that the registered Non-Productivity instrument will be discharged and the lease in question will remain active.

- A defect within the Disposition Transfer application will be addressed with this release. Previously, when making an application for disposition transfer, if the user added one or more dispositions to the “Specify Disposition” tab of the application and then clicked on the “Save as Draft” button, the dispositions would be removed from the saved application draft. With the IRIS 5.15 Release, when clicking on the “Save as Draft” button, the dispositions specified will be retained within the application.

Security

- New functionality has been introduced to the Forgot Password Challenge and Answer Question; making it mandatory for users to complete upon first login. Security Administrators may VIEW ONLY a user's challenge question and answer, but will no longer be able to edit the information.

The screenshot shows the 'Change Challenge Question' form within the IRIS system. At the top left is the Government of Saskatchewan logo, and at the top right is the Ministry of Energy and Resources logo. The form title is 'Change Challenge Question'. Below the title, there is a 'General Processing Messages' section with a red warning: 'Your account indicates that your challenge question must change. Please change your challenge question now.' The form contains five input fields: 'User name:', 'Password:', 'New Challenge Question:', 'New Challenge Response:', and 'Enter text as seen in security image below:'. The security image shows a grid with the characters 'UwxvW'. A 'Change Challenge Question' button is located at the bottom of the form.

Well and Facility Infrastructure Functionality

- An enhancement has been implemented to apply for multi-licensed site Reclamation Liability Reduction applications through IRIS, therefore, as of August 2, 2018 these applications will no longer be accepted if submitted through the ER service desk. Please refer to,

<http://www.saskatchewan.ca/business/agriculture-natural-resources-and-industry/oil-and-gas/liability-management/licensee-liability-rating-program/multi-licensed-site-reclamation-liability-reduction>

- An enhancement has been implemented to add a new field to the Well application called "Resubmission." If YES is selected, IRIS will ask for the original application number.

Application

Re-entry? *

Resubmission? * Original Application # *
 Yes

[Search by Denied Application...](#) [Search by Cancelled Licence...](#)

- All BA users will have access to the IRIS screen Support/configurations and its drop-down lists.

Tenure Applications Infrastructure Reports Support Quick Search

Infrastructure Obligation Configuration

- ▶ All
- ▶ By Attached To
- ▶ By Due Date Type
- ▶ By Fulfillment Type
- ▶ By Fulfilled By Document Type
- ▶ Inactive
- ▶ By Source Organization

Build: 5.13.2.18814 Environment: QA

Tenure Applications Infrastructure Reports Support Quick Search

Infrastructure Obligation Configuration

▼ All

Code	Non Comp. Code	Resp. Org	Attached To	Short Description	Long Description	Due Date Type	Fulfillment Type	Document Fulfillment
9	-	00000	Well	Comply with samples guideline	When required, drill cutting samples must be submitted in accordance with Guideline PNG 023: Submission of Drill cuttings: Oil, Gas and Potash Wells.	N/A	Honour Condition	
8	WD008	00000	Well Drilling Activity	Report start of drilling within 1 day	Licensee must notify the Ministry within 1 day after commencing any drilling activity on the well.	Start Drilling Date plus 1 day	Submit Data	
7	-	00000	Well Licence	Report spud prior to licence expiry	Drilling operations shall commence within one year from the date of issue of Licence /Approval.	N/A	Honour Condition	
6	-	00000	Well Licence	Mud tanks required	Mud tanks must be used while drilling.	N/A	Honour Condition	
5	-	00000	Well Licence	Comply with flare/vent volume restriction	The well must not flare and/or vent any volume of gas greater than 900 cubic metres per day unless in an emergency situation or when an exemption is provided.	N/A	Honour Condition	
4	-	00000	Well Licence	Comply with lease construction policy	Lease Construction must be performed as per the Ministry Guideline	N/A	Honour Condition	
33	W033	00000	Well	Submit Fracture Report	If the completion has been fractured a frac report must be submitted.	Fracture Treatment Date plus 30 days	Submit Document	<ul style="list-style-type: none"> • FRACREPORT - Frac Report • COMPLETIONRPT - Completion Report
32	WC032	00000	Well Completion	Submit Completion Report	Attach Completion Report.	Initial Completion Date plus 30 days	Submit Document	<ul style="list-style-type: none"> • COMPLETIONRPT - Completion Report • FRACREPORT - Frac Report
31	WB031	00000	Wellbore	Report geological markers	Submit geological markers.	Finish Drilling Date plus 30 days	Submit Data	
30	WB030	00000	Wellbore	Report depth and coordinate data	Update depths and coordinates.	Drilling End Date plus 30 days	Submit Data	
3	-	00000	Well Licence	Spill response membership required	Licensee shall be a member in good standing with the local spill response unit.	N/A	Honour Condition	
29-7	WC029-7	00000	Well Completion	Submit Oil Fluid Analysis on the Completion	An oil fluid analysis is required for oil or condensate completions in accordance with Section 8 of Directive PNG017: Measurement Requirements for Oil and Gas Operations.	First Production Date plus 30 days	Submit Document	<ul style="list-style-type: none"> • OIL_FLUID_ANAL_TST - Oil Fluid Analysis Test

- New functionality to assist with monitoring and compliance of oil well production allowables has been released. This functionality includes well level information displayed within the completion of a well under the Production/Injection Tab and under the ARP Tab. Also available are reports that allow a company to review multiple wells.
- In Oil Well Completion Production Monitoring Functionality, three columns have been added to the monthly display: GOR Penalty Factor, Adjusted ARP and ARP OP/UP (overproduction/underproduction). See the [IRIS Industry Tip](#) for more information.

On Production Date On Injection Date Latest Status Effective Date

Search Criteria

Production Year

Production

Date	OIL (m ³)	GAS (10 ³ m ³)	WATER (m ³)	HOP (hrs)	DOP (day)	Prd-Day Avg (m ³ /day)	Cal-Day Avg (m ³ /day)	GOR (m ³ /m ³)	Oil Cut (fraction)	GOR Penalty Factor (fraction)	Adjusted ARP (m ³)	ARP OP/UP (m ³)
2017-01	101.2	2.7	555.5	744	31	3.3	3.3	26.7	0.154	1.00	93.00	8.20
2017-02	93.7	2.5	334.3	672	28	3.3	3.3	26.7	0.219	1.00	84.00	9.70
2017-03	29.5	0.8	548.7	563	24	1.2	1.0	27.1	0.051	1.00	72.00	-42.50
2017-04	38.9	1.1	315.1	720	30	1.3	1.3	28.3	0.110	1.00	90.00	-51.10
2017-05	101.5	2.7	733.5	744	31	3.3	3.3	26.6	0.122	1.00	93.00	8.50
2017-06	132.3	3.6	722.8	669	28	4.7	4.4	27.2	0.155	1.00	84.00	48.30
2017-07	145.8	3.9	697.5	744	31	4.7	4.7	26.7	0.173	1.00	93.00	52.80
2017-08	104.2	2.8	493.4	620	26	4.0	3.4	26.9	0.174	1.00	78.00	26.20
2017-09	-	-	714.0	388	17	-	-	-	-	1.00	51.00	-51.00
2017-10	71.9	1.9	3122.1	743	31	2.3	2.3	26.4	0.023	1.00	93.00	-21.10
2017-11	6.7	0.2	208.4	36	2	3.4	0.2	29.9	0.031	1.00	6.00	0.70
2017-12	-	-	13.0	744	31	-	-	-	-	1.00	93.00	-93.00

	OIL (m ³)	GAS (10 ³ m ³)	WATER (m ³)
Yearly Total	825.7	22.2	8458.3
Yearly Producing Day Average	2.7	0.1	27.5
Yearly Calendar Day Average	2.3	0.1	23.2
Cumulative	2439.2	63.0	10046.0
Cumulative ARP OP	314.20	-	-
Annual ARP OP/UP	-104.30	-	-

Injection
No Injection data found.

Well Details

Id: 5.15.0.0 Environment: MAT2 ©Saskatchewan Ministry of Energy and Resources

- The ARP tab has added the fields of cumulative ARP OP, which shows the current overproduced volume associated to the well completion. It also shows the GORpf (GOR Penalty factor) for current producing month.

Release Notes

Security and Permission Sets

The following changes were made to the following IRIS's permission set.

***Note:** If a user is already assigned to the below permission set, they will automatically receive access to the new function.

Industry

New Permission Sets		
Permission Set Name*	Permissions	Function
<p><u>Added:</u> I.INF.LiabilityManagement Applications.Administrator</p>	<ul style="list-style-type: none"> ▪ Infrastructure.Base ▪ Infrastructure.GenericAuthorization.View ▪ Notification.User.Preferences.Maintain ▪ Notification.View ▪ WFI.Application.Base ▪ WFI.Application.LBLTY_REDUCTION.Administrator.Industry ▪ WFI.Application.LBLTY_REDUCTION.Applicant ▪ WFI.Notification.WFIAPPLAPPROVED.Receive ▪ WFI.Notification.WFIAPPLDENIED.Receive 	<ul style="list-style-type: none"> ▪ Functionality to create, edit, delete draft, and submit applications for 'Multi-Licensed Site Reclamation Liability Reduction' for the Business Associate; Receive notifications for the applications initiated.
<p><u>Added:</u> I.INF.LiabilityManagement Applications.Applicant</p>	<ul style="list-style-type: none"> ▪ Infrastructure.Base ▪ Infrastructure.GenericAuthorization.View ▪ Notification.User.Preferences.Maintain ▪ Notification.View ▪ WFI.Application.Base ▪ WFI.Application.LBLTY_REDUCTION.Applicant ▪ WFI.Notification.WFIAPPLAPPROVED.Receive ▪ WFI.Notification.WFIAPPLDENIED.Receive 	<ul style="list-style-type: none"> ▪ Functionality to create, edit, delete draft, and submit applications for 'Multi-Licensed Site Reclamation Liability Reduction' made on behalf of the Business Associate; Receive notifications for the applications initiated.

Permission Set Name*	Permissions	Function
<u>Added:</u> I.INF.Obligation.Configuration.View	<ul style="list-style-type: none"> ▪ Infrastructure.Obligation.Configuration Security.Reports.SecurityProfileAndPermissionSetsByOrganizationId 	<ul style="list-style-type: none"> ▪ Functionality to view Obligation Configuration.
<u>Added:</u> I.INF.WellCompletion.Overproduction.Notification	<ul style="list-style-type: none"> ▪ Infrastructure.Base ▪ Infrastructure.Notification.WBC_OP_CUMUL.Receive ▪ Infrastructure.Notification.WBC_OP_MONTHLY.Receive ▪ Infrastructure.Notification.WBC_OP_OTP.Receive ▪ Notification.User.Preferences.Maintain ▪ Notification.View 	<ul style="list-style-type: none"> ▪ Functionality to subscribe to Overproduction Notifications.

New Permissions		
Permission Set Name*	Permissions	Function
I.INF.Report.All	<u>Added:</u> <ul style="list-style-type: none"> ▪ Infrastructure.Reports.InfrastructureWellboreCompletionCumulativeOverproduction 	<ul style="list-style-type: none"> ▪ Permission to generate the Allowable Rate of Production – Cumulative Overproduction Report.

Release Notes

Contact Us

The Ministry of the Energy and Resources Service Desk is available Monday-Friday, 8 AM-5 PM CST, excluding holidays.

For any assistance, please contact:

ER Service Desk

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