

Changes to Directive PNG13: Well Data Submission Requirements (Directive PNG013)

Existing Section/Wording	New Section and Wording	Explanation of Proposed Changes
<p>3.1 Governing Legislation</p> <p>The requirements in this Directive are authorized under and supplemented by:</p> <ul style="list-style-type: none"> • <i>The Oil and Gas Conservation Act (OGCA)</i> • <i>The Oil and Gas Conservation Regulations, 2012 (OGCR)</i> • <i>Minister’s Order 508-16</i> <p><i>Associated Directives</i></p> <ul style="list-style-type: none"> • <i>Directive PNG003: Well Survey Requirements</i> • <i>Directive PNG005: Casing and Cementing Requirements</i> • <i>Directive PNG010: Well Logging Requirements</i> • <i>Directive PNG014: Incident Reporting Requirements</i> • <i>Directive PNG015: Well Abandonment Requirements</i> • <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i> <p>Licensees should review the provisions of the <i>OGCA</i> and <i>OGCR</i> and other applicable Directives in conjunction with <i>Directive PNG013</i>.</p>	<p>3.1 Governing Legislation</p> <p>The requirements in this Directive are authorized under and supplemented by:</p> <ul style="list-style-type: none"> • <i>The Oil and Gas Conservation Act (OGCA)</i> • <i>The Oil and Gas Conservation Regulations, 2012 (OGCR)</i> • <i>Minister’s Order 508-16</i> <p><i>Associated Directives</i></p> <ul style="list-style-type: none"> • <i>Directive PNG003: Well Survey Requirements</i> • <i>Directive PNG005: Casing and Cementing Requirements</i> • <i>Directive PNG010: Well Logging Requirements</i> • <i>Directive PNG014: Incident Reporting Requirements</i> • <i>Directive PNG015: Well Abandonment Requirements</i> • <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i> • <i>Directive PNG048: Hydraulic Fracturing Requirements (Directive PNG048)</i> <p>Licensees should review the provisions of the <i>OGCA</i> and <i>OGCR</i> and other applicable Directives in conjunction with <i>Directive PNG013</i>.</p>	<p>Added reference to <i>Directive PNG048: Hydraulic Fracturing Requirements</i> to listing of directives that supplement the requirements of <i>Directive PNG013</i>.</p>
<p>7.4.2 Treatments</p> <p>The licensee must submit into IRIS the following information related to treatments that are associated with individual wellbores within 30 days after the treatment occurs:</p> <ul style="list-style-type: none"> • <i>Date of the treatment;</i> • <i>Treatment type (acidized or chemical, CO2, hydraulic or sand fracture); and</i> • <i>Top and base of the contact interval in measured depth which the treatment was applied to.</i> 	<p>7.4.2 Treatments and Fractures</p> <p>The licensee must submit to ER, through IRIS, the following information, for each wellbore, within 30 days of the date that the treatment activity concluded:</p> <ul style="list-style-type: none"> • <i>Date of the treatment;</i> • <i>Treatment type;</i> • <i>Volume of clean fluid pumped downhole (m³);</i> • <i>Volume of recycled fluid pumped downhole (m³);</i> • <i>Volume of total fluid pumped downhole (m³);</i> • <i>Top and base of the contact interval in MD that the treatment was applied to;</i> 	<p>This section is being amended to require licensees to submit more detailed data to ER respecting fracking operations. This will allow for more structured fracking data, including communication events and Fracture Planning and Well Control programs to be added to well records kept in ER’s Integrated Resource Information System (IRIS).</p>

Note: Treatments are associated with the wellbore in which they belong and relate to existing contact intervals that were previously reported.

The licensee must also submit into IRIS the following reports within 30 days of the date of the activity:

- Completion Report - The licensee must submit a copy of the completion report within 30 days after the completion is done;
- Workover Report - The licensee must submit a copy of the workover report within 30 days after the workover is done.
- Fracture Report - This submission requirement includes submission of detailed information related to hydraulic fracturing operations and fractured fluid disclosure. If a completion is fractured, the licensee must submit a copy of the fracture report, the A-2 Form, and the Notification of Flowback Fluid and Frac Sand Disposal within 30 days after the fracture treatment date. The Information Guideline GL 2000-01 provides details and the A-2 Form that must accompany the fracture report submitted.

- If gross contact intervals relate to hydraulic fractures, the following data must also be submitted:
 - Number of fracture stages;
 - Planned fracture half-length;
 - Carrier fluid type;
 - Communication Event Disclosures as defined in Directive PNG048; and
 - Fracture Fluid Report that includes:
 - Component Type;
 - Trade Name;
 - Supplier;
 - Purpose;
 - Ingredient(s);
 - Chemical Abstract Service Number;
 - Component Concentration; and
 - Concentration in Fracture Fluid;

Information submitted to ER as part of the fracture fluid report is non-confidential. The licensee may remove from the report the family name of chemical components considered as a trade secret. However, the licensee must report to ER the generic chemical name of the component. If the component is a trade secret, the component, component concentration and concentration in the fracture fluid must be provided ER.

Note: The CAS # field can be populated with “trade secret” for any component considered a trade secret.

Note: Treatments are associated with the wellbore in which they belong and relate to existing contact intervals that were previously reported. The gross contact intervals of a treatment cannot extend through more than one pool/stratigraphic unit.

The licensee must submit to ER, through IRIS, a fracture report within 30 days of the date that the fracture activity concluded. A fracture report must include detailed information related to hydraulic fracturing operations and

	<p>fracture fluid disclosure including, but not limited to, the following information:</p> <ul style="list-style-type: none">• Proppant Type(s), Size and Amount (t);• Fracture Stage Details;• Stage Depth (MD);• Pressures (Maximum, Breakdown and Average) (kPa);• Pump Rate;• Fluid Volume Pumped Downhole (m³);• Notification of Flowback Fluid and Frac Sand Disposal; and• Form A-2: Notification of Flowback Fluid and Frac Sand Disposal must accompany the fracture report. Form A-2 can is located within Guideline GL 2000-01. <p>As per Directive PNG048, Fracture Planning and Well Control programs must be developed prior to any hydraulic fracturing operation. These programs must be submitted to ER, through IRIS, within 30 days of the date that the fracture activity concluded.</p>	
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