§ 250.520 When do I have to perform a casing diagnostic test?

(a) You must perform a casing diagnostic test within 30 days after first observing or imposing casing pressure according to the following table:

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Diagnostic Test Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>fixed platform well</td>
<td>the casing pressure is greater than 100 psig.</td>
</tr>
<tr>
<td>subsea well</td>
<td>the measurable casing pressure is greater than the external hydrostatic pressure plus 100 psig measured at the subsea wellhead.</td>
</tr>
<tr>
<td>hybrid well</td>
<td>a riser or the production casing pressure is greater than 100 psig measured at the surface.</td>
</tr>
</tbody>
</table>

(b) You are exempt from performing a diagnostic pressure test for the production casing on a well operating under active gas lift.

§ 250.521 How do I manage the thermal effects caused by initial production on a newly completed or recompleted well?

A newly completed or recompleted well often has thermal casing pressure during initial startup. Bleeding casing pressure during the startup process is considered a normal and necessary operation to manage thermal casing pressure; therefore, you do not need to evaluate these operations as a casing diagnostic test. After 30 days of continuous production, the initial production startup operation is complete and you must perform casing diagnostic testing as required in §§ 250.520 and 250.522.

§ 250.522 When do I have to repeat casing diagnostic testing?

Casing diagnostic testing must be repeated according to the following table:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Diagnostic Test Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) your casing pressure request approved term has expired</td>
<td>immediately.</td>
</tr>
<tr>
<td>(b) your well, previously on gas lift, has been shut-in or returned to flowing status without gas lift for more than 180 days.</td>
<td>immediately.</td>
</tr>
<tr>
<td>(c) your casing pressure request becomes invalid</td>
<td>immediately.</td>
</tr>
<tr>
<td>(d) a casing or riser has an increase in pressure greater than 200 psig over the previous casing diagnostic test</td>
<td>immediately.</td>
</tr>
<tr>
<td>(e) after any corrective action has been taken to remediate undesirable casing pressure, either as a result of a casing pressure request denial or any other action,</td>
<td>immediately.</td>
</tr>
<tr>
<td>(f) your fixed platform well production casing (A annulus) has pressure exceeding 10 percent of its minimum internal yield pressure (MIYP), except for production casings on active gas lift.</td>
<td>within 30 days.</td>
</tr>
<tr>
<td>(g) your fixed platform well’s outer casing (B, C, D, etc., annuli) has a pressure exceeding 20 percent of its MIYP,</td>
<td>within 30 days.</td>
</tr>
</tbody>
</table>

§ 250.523 How long do I keep records of casing pressure and diagnostic tests?

Records of casing pressure and diagnostic tests must be kept at the field office nearest the well for a minimum of 2 years. The last casing diagnostic test for each casing or riser must be retained at the field office nearest the well until the well is abandoned.

§ 250.524 When am I required to take action from my casing diagnostic test?

You must take action if you have any of the following conditions:

(a) Any fixed platform well with a casing pressure exceeding its maximum allowable wellhead operating pressure (MAWOP);

(b) Any fixed platform well with a casing pressure that is greater than 100 psig and that cannot bleed to 0 psig through a ½-inch needle valve within 24 hours, or is not bled to 0 psig during a casing diagnostic test;
§ 250.525 What do I submit if my casing diagnostic test requires action?

Within 14 days after you perform a casing diagnostic test requiring action under §250.524:

You must submit either: to the appropriate:

| (a) a notification of corrective action; or,  | District Manager and copy the Regional Supervisor, Field Operations, |
| (b) a casing pressure request,              | Regional Supervisor, Field Operations, |

and it must include: You must also:

| requirements under §250.526                | submit an Application for Permit to Modify or Corrective Action Plan within 30 days of the diagnostic test. |
| requirements under §250.527                |FLOW THROUGH |

§ 250.526 What must I include in my notification of corrective action?

The following information must be included in the notification of corrective

(a) Lessee or Operator name;
(b) Area name and OCS block number;
(c) Well name and API number; and
(d) Casing diagnostic test data.

§ 250.527 What must I include in my casing pressure request?

The following information must be included in the casing pressure request:

(a) API number;
(b) Lease number;
(c) Area name and OCS block number;
(d) Well number;
(e) Company name and mailing address;
(f) All casing, riser, and tubing sizes, weights, grades, and MIYP;
(g) All casing/riser calculated MAWOPs;
(h) All casing/riser pre-bleed down pressures;
(i) Shut-in tubing pressure;
(j) Flowing tubing pressure;
(k) Date and the calculated daily production rate during last well test (oil, gas, basic sediment, and water);
(l) Well status (shut-in, temporarily abandoned, producing, injecting, or gas lift);
(m) Well type (dry tree, hybrid, or subsea);
(n) Date of diagnostic test;
(o) Well schematic;
(p) Water depth;
(q) Volumes and types of fluid bled from each casing or riser evaluated;
(r) Type of diagnostic test performed:
   (1) Bleed down/buildup test;
   (2) Shut-in the well and monitor the pressure drop test;
   (3) Constant production rate and decrease the annular pressure test;
   (4) Constant production rate and increase the annular pressure test;
   (5) Change the production rate and monitor the casing pressure test; and
   (6) Casing pressure and tubing pressure history plot;
(s) The casing diagnostic test data for all casing exceeding 100 psig;
(t) Associated shoe strengths for casing shoes exposed to annular fluids;
(u) Concentration of any H2S that may be present;
(v) Whether the structure on which the well is located is manned or unmanned;
(w) Additional comments; and
(x) Request date.

§ 250.528 What are the terms of my casing pressure request?

Casing pressure requests are approved by the Regional Supervisor, Field Operations, for a term to be determined by the Regional Supervisor on a case-by-case basis. The Regional Supervisor may impose additional restrictions or requirements to allow continued operation of the well.