§ 250.460 What are the requirements for conducting a well test?

(a) If you intend to conduct a well test, you must include your projected plans for the test with your APD (form MMS–123) or in an Application for Permit to Modify (APM) (form MMS–124). Your plans must include at least the following information:

(i) Estimated flowing and shut-in tubing pressures;
(ii) Estimated flow rates and cumulative volumes;
(iii) Time duration of flow, buildup, and drawdown periods;
(iv) Description and rating of surface and subsurface test equipment;
(v) Schematic drawing, showing the layout of test equipment;
(vi) Description of safety equipment, including gas detectors and fire-fighting equipment;
(vii) Proposed methods to handle or transport produced fluids; and
(viii) Description of the test procedures.

(b) You must give the District Manager at least 24-hours notice before starting a well test.

[68 FR 8423, Feb. 20, 2003]

§ 250.461 What are the requirements for directional and inclination surveys?

For this subpart, MMS classifies a well as vertical if the calculated average of inclination readings does not exceed 3 degrees from the vertical.

(a) Survey requirements for a vertical well. (1) You must conduct inclination surveys on each vertical well and record the results. Survey intervals may not exceed 1,000 feet during the normal course of drilling.

(b) You must also conduct a directional survey that provides both inclination and azimuth, and digitally record the results in electronic format:

(i) Within 500 feet of setting surface or intermediate casing;
(ii) Within 500 feet of setting any liner; and
(iii) When you reach total depth.

(c) Measurement while drilling. You may use measurement-while-drilling technology if it meets the requirements of this section.

(d) Composite survey requirements. (1) Your composite directional survey must show the interval from the bottom of the conductor casing to total depth. In the absence of conductor casing, the survey must show the interval from the bottom of the drive or structural casing to total depth; and

(2) You must correct all surveys to Universal-Transverse-Mercator-Grid-north or Lambert-Grid-north after making the magnetic-to-true-north correction. Surveys must show the magnetic and grid corrections used and include a listing of the directionally computed inclinations and azimuths.

(e) If you drill within 500 feet of an adjacent lease, the Regional Supervisor may require you to furnish a copy of the well’s directional survey to the affected leaseholder. This could occur when the adjoining leaseholder requests a copy of the survey for the protection of correlative rights.

[68 FR 8423, Feb. 20, 2003]

§ 250.462 What are the requirements for well-control drills?

You must conduct a weekly well-control drill with each drilling crew. Your drill must familiarize the crew with its roles and functions so that all crew members can perform their duties promptly and efficiently.

(a) Well-control drill plan. You must prepare a well control drill plan for each well. Your plan must outline the assignments for each crew member and
§ 250.465 When must I submit an Application for Permit to Modify (APM) or an End of Operations Report to MMS?

(a) You must submit an APM (form MMS–124) or an End of Operations Report (form MMS–125) and other materials to the Regional Supervisor as shown in the following table. You must also submit a public information copy of each form.

<table>
<thead>
<tr>
<th>When you</th>
<th>Then you must</th>
<th>And</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Intend to revise your drilling plan, change major drilling equipment, or plugback.</td>
<td>Submit form MMS–124 or request oral approval.</td>
<td>Receive written or oral approval from the District Manager before you begin the intended operation. If you get an approval, you must submit form MMS–124 no later than the end of the 3rd business day following the oral approval. In all cases, or you must meet the additional requirements in paragraph (b) of this section. Submit a plat certified by a registered land surveyor that meets the requirements of §250.412.</td>
</tr>
<tr>
<td>(2) Determine a well’s final surface location, water depth, and the rotary kelly bushing elevation.</td>
<td>Immediately Submit a form MMS–124.</td>
<td>Submit appropriate copies of the well records.</td>
</tr>
<tr>
<td>(3) Move a drilling unit from a wellbore before completing a well.</td>
<td>Submit forms MMS–124 and MMS–125 within 30 days after the suspension of wellbore operations.</td>
<td></td>
</tr>
</tbody>
</table>

(b) If you intend to perform any of the actions specified in paragraph (a)(1) of this section, you must meet the following additional requirements:

1. Your APM (Form MMS–124) must contain a detailed statement of the proposed work that would materially change from the approved APD. The submission of your APM must be accompanied by payment of the service fee listed in §250.125;

2. Your form MMS–124 must include the present status of the well, depth of all casing strings set to date, well depth, present production zones and productive capability, and all other information specified; and

3. Within 30 days after completing this work, you must submit form MMS–124 with detailed information about the work to the District Manager, unless you have already provided...