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Title 30. Mineral Resources

Chapter II. Bureau of Ocean Energy Management, Regulation, and Enforcement, Department of the Interior (Refs & Annos)

Subchapter B. Offshore

Part 250. Oil and Gas and Sulphur Operations in the Outer Continental Shelf (Refs & Annos)

Subpart D. Oil and Gas Drilling Opera-

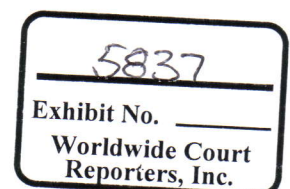
tions (Refs & Annos)

Casing and Cementing Requirements

→ § 250.428 What must I do in certain cementing and casing situations?

The table in this section describes actions that lessees must take when certain situations occur during casing and cementing activities.

If you encounter the following situation:	Then you must ...
(a) Have unexpected formation pressures or conditions that warrant revising your casing design.	Submit a revised casing program to the District Manager for approval.
(b) Need to increase casing setting depths more than 100 feet true vertical depth (TVD) from the approved APD due to conditions encountered during drilling operations.	Submit those changes to the District Manager for approval.
(c) Have indication of inadequate cement job (such as lost returns, cement channeling, or failure of equipment).	(1) Pressure test the casing shoe; (2) Run a temperature survey; (3) Run a cement bond log; or (4) Use a combination of these techniques.
(d) Inadequate cement job	Re-cement or take other remedial actions as approved by the District Manager.
(e) Primary cement job that did not isolate abnormal pressure intervals.	Isolate those intervals from normal pressures by squeeze cementing before you complete; suspend operations; or abandon the well, whichever occurs first.
(f) Decide to produce a well that was not originally contemplated for production.	Have at least two cemented casing strings (does not include liners) in the well. Note: All producing wells must have at least two cemented casing strings.
(g) Want to drill a well without setting conductor casing.	Submit geologic data and information to the District Manager that demonstrates the absence of shallow hydrocarbons or hazards. This information must include logging and drilling fluid-monitoring from wells previously drilled within 500 feet of the proposed well path down to the next casing point.
(h) Need to use less than required cement for the surface casing during floating drilling operations to provide protection from burst and collapse pressures.	Submit information to the District Manager that demonstrates the use of less cement is necessary.
(i) Cement across a permafrost zone	Use cement that sets before it freezes and has a low heat of hydration.



(j) Leave the annulus opposite a permafrost zone uncemented.	Fill the annulus with a liquid that has a freezing point below the minimum permafrost temperature and minimizes opposite a corrosion.
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<Chapter heading amended by 75 FR 61066, retroactively effective Oct. 1, 2010.>

SOURCE: 53 FR 10690, April 1, 1988; 59 FR 53093, Oct. 21, 1994; 62 FR 27954, May 22, 1997; 63 FR 29479, May 29, 1998; 68 FR 8423, Feb. 20, 2003; 70 FR 49875, Aug. 25, 2005; 73 FR 20168, April 15, 2008; 73 FR 20171, April 15, 2008; 75 FR 61066, Oct. 4, 2010; 76 FR 38557, July 1, 2011, unless otherwise noted.

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30 C. F. R. § 250.428, 30 CFR § 250.428

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