

## Clean-Up Rulemaking: Changes to Rule 308A and Form 5 Guidance

9-22-2014

Effective September 30, 2014: Revisions from the Clean-Up Rulemaking  
(See pages 3 - 4 of this document for full text of Rule 308A.)

This is a summary of the Rule 308A changes regarding the filing requirements and the resulting changes made to the Form 5, Drilling Completion Report.

### Preliminary Form 5 (Rule 308A.a)

- Rule Change
  - Submit within 90 days of the suspension of drilling operations (was 30 days)
- Form 5 Change
  - none

### Final Form 5 (Rule 308A.b)

- Rule Change
  - Submit within 60 days of rig release (was 30 days of reaching TD, setting casing, or plugging)
  - For continuous, sequential drilling on a multi-well pad - submit Form 5s for all wells within 60 days of rig release for the last well drilled on the pad
- Form 5 Change in "Drilling" section
  - New date field added: "Date Rig Released" - **this date is REQUIRED on ALL Form 5s.** (See page 2 of this document for screen print of eForm 5 revision.)

### Log Submittal (Rule 308A.b)

- Rule Change
  - A paper copy of a log is no longer required; a digital image file (PDF, TIFF, PDS) of every log run must be attached to the Form 5; a digital data file (LAS, DLIS) of every log run (except for mud logs and cement bond logs) must be attached to the Form 5
- Form 5 Change in "Drilling" section
  - One check box (there were two check boxes) is provided to indicate that the required digital image files (PDF, TIFF, PDS) and digital data file (LAS, DLIS) of every log run have been attached to the Form 5. (See page 2 of this document for screen print of eForm 5 revision.)

### Core Analysis (Rule 308A.b)

- Rule Change
  - If run, attach the core analysis to the Form 5 if available at the time the Form 5 is submitted
  - If not available at that time, submit the core analysis on a Sundry Notice, Form 4, as soon as it is available.

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- Form 5 Change in "Formation Information" section
  - Selection for "Cored" now has 3 choices in a drop-down (See page 3 of this document for screen print of eForm 5 revision.):
    1. "NO" - select if no cores were taken in this formation
    2. "YES - Analysis Attached" - select if cores were taken in this formation and Core Analysis is attached to the Form 5; attachment must be included to submit the Form 5
    3. "YES - Analysis to be Submitted on Form 4" - select if cores were taken in this formation but the Core Analysis is not available at the time the Form 5 is being submitted; the Core Analysis must be submitted as an attachment to a Form 4 as soon as it is available; COGCC staff will track compliance.

## Form 5 Changes in "Drilling" Section

05 DocNum: 400361200 Status: IN PROCESS Operator: SUNDANCE ENERGY INC W/L Name: Created: 12/20/2012 4:04:52 PM Re

Well Information	<b>Drilling</b>	Casing	Stage/Top Out/Remedial Cement	Formation Information	Related Forms	Well Logs Upload	Attach
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Spud Date (when the 1st bit hit the dirt) <M/d/yyyy> 15 Date TD <M/d/yyyy> 15

Date Casing Set or DA <M/d/yyyy> 15 Date Rig Released <M/d/yyyy> 15 \*Per Rule 308A.b: For sequential drilling of multiple wells on a pad, provide date rig released from last well drilled.

Well Classification: [ ]

Total Depth: MD [ ] TVD\*\* [ ] \*\*Directional Wells ONLY: True Vertical Depth from Directional Survey.

Plug Back Total Depth: MD [ ] TVD\*\* [ ]

Elevations: GR [ ] KB [ ]

Copies of ALL Logs Attached per Rule 308A: Digital Image File (PDF, TIFF, PDS) and Digital Data File (LAS, DLIS) [ ]

List ALL Electric Logs Run

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## Form 5 Changes in "Formation Information" Section

The screenshot shows a web-based form interface for Form 5. The top navigation bar includes tabs for Well Information, Drilling, Casing, Stage/Top Out/Remedial Cement, Formation Information (highlighted with a red box), Related Forms, Well Logs Upload, Attachments, Submit, Review, and Generate. The main form area has several input fields: Formation Name (SUSSEX), Measured Depth Top (4401), Measured Depth Bottom, DST, and Cored. The Cored dropdown menu is open, showing three options: NO, YES - Analysis Attached, and YES - Analysis to be Submitted on Form 4. The YES - Analysis Attached and YES - Analysis to be Submitted on Form 4 options are highlighted with a red box.

### 308A. COGCC Form 5. DRILLING COMPLETION REPORT

a. **Preliminary Drilling Completion Report, Form 5.** A "Preliminary" Drilling Completion Report, Form 5 shall be submitted within 90 days of the suspension of commenced drilling activities prior to reaching total depth on a well. The form shall include the date drilling activity was suspended, the reason for the suspension, the anticipated date and method of resumption of drilling, and the details of all work performed to date. A cement job summary shall be submitted with the Form 5 for every casing string set, except for the conductor casing and those with verification by a cement bond log as required by Rule 317.p. or by permit conditions. A "Final" Form 5 shall be submitted after reaching total depth as required by Rule 308A.b.

b. **Final Drilling Completion Report, Form 5.** A "Final" Drilling Completion Report, Form 5, shall be submitted within 60 days of rig release after drilling, sidetracking, or deepening a well to total depth, or any time the wellbore configuration is changed. In the case of continuous, sequential drilling of multiple wells on a pad, the Final Form 5 shall be submitted for all the wells within 60 days of rig release for the last well drilled on the pad.

A cement job summary shall be submitted with the Form 5 for every casing string set, except for the conductor casing and those with verification by a cement bond log as required by Rule 317.p. or by permit conditions. A "Final" Form 5 shall be submitted after reaching total depth as required by Rule 308A.b. Copies of all logs run, open-hole and cased-hole, electric, mechanical, mud, or other, shall be submitted with the Form 5 as follows: a digital image file (PDF, TIFF, PDS, or other format approved by the Director) of every log run shall be attached to the form; a digital data file (LAS, DLIS, or other format approved by the Director) shall also be attached for every log run, with the exception of mud logs and cement bond logs. A paper copy may be submitted in lieu of the digital image file. If drill stem tests are run, they shall be submitted with this completion report. If a core analysis is run, it shall be submitted with the completion report if available; if the core analysis is not available when the completion report is submitted the operator shall note this on the Form 5 and provide a copy of the analysis on a Sundry Notice, Form 4, as soon as it is available. Directional surveys shall meet the requirements set forth in Rule 321. The latitude and longitude coordinates of the "as drilled" well location shall be reported on the Form 5. The latitude and longitude coordinates shall be in decimal degrees to an accuracy and precision of five decimals of a degree using

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the North American Datum (NAD) of 1983 (e.g.; latitude 37.12345, longitude -104.45632). If GPS technology is utilized to determine the latitude and longitude, all GPS data shall meet the requirements set forth in Rule 215 and the Position Dilution of Precision (PDOP) reading, the GPS instrument operator's name and the date of the GPS measurement shall also be reported on the Form 5.