

# Minutes of Meeting

## EPIM Drilling Core Group Meeting

**Time:** 2010-11-30, 12:00-15:15  
**Venue:** Statoil, Hovedinngang 1, Forus  
**Chair:** Geir Aas  
**Minutes:** Lillian Hella  
**Present:** Geir Aas, ExxonMobil  
Steinar Bringsli, ExxonMobil  
Asbjørn Egir, Capgemini  
Stein Arve Finnestad, Capgemini  
Angela Albrektsen, Statoil  
Jostein Jåtten, Statoil  
Jonas Stokka, ptil  
Lillian Hella, PCA  
Pål Rylandsholm, DNV (on the phone)

### Agenda

1. **Approval of agenda**
2. **Validation of proposed definitions**
3. **Approval of Minutes of Meeting**
4. **Background**
5. **Proposed scope**
6. **Proposed plan**
7. **Issues**
8. **Next meeting(s)**
9. **AOB**

### Minutes

#### 1. Approval of agenda

Validation of proposed definitions requested to be presented first. The rest ok.

#### 2. Validation of proposed definitions

The following clarifications were identified:

Cementing job type – defined types are defined in a company. In Statoil they have three different types of cementing jobs:

- Casing and liner
- Cement squeeze
- Cement plug

A cement job is identified by a reference to the job + diameter.

A casing string connects the cementing job to the casing. Can either be a set of standard values, or be included as a free text field. In Statoil they have a separate catalogue where all of these can be found - A combination of diameter – weight – grade and coupling

We need to check out if this element can be based on a standard - Check WITSML and Check API 5 and make proposal.

Summary of corrections to specified elements:

- Plug failed to bump (y/n) – change definition. Yes for fail.
- Plug Bump Pressure (bars) – an actual measured pressure
- Float failed – a boolean value Yes for failed-
- Pressure Release Date/Time – Pressure duration wanted
- Full Returns (y/n) – mud return
- Cement Volume Returns (m3) – return of excess cement
- Reciprocated (y/n) and Rotated (y/n) are related to the casing string – need be more specific in the naming and add casing string in name.
- Fluid Type – type classes – does it match to some API?
- Fluid Description – free text description
- Vol pumped (m3) - volume pumped of specified cement fluid.
- Thick Time (hrs) – can be called duration or time
- Datum (reference points) – add datum element Top of Cement outside casing (TOC) – measured in metre from the top
- Run Date/Time – split in start and end time date, and add duration
- HPHT - High Pressure - High Temperature – include the actual expected values of pressure and temperature (Bottom Hole)

For all sections:

All time intervals (durations) and lengths should be included as computed fields for all relevant elements.

UoM – choose standard units that are actually used by the majority on the NCS.

Wellbore in the Cement section is already included in the existing DDR. Can be taken out of the scope.

### **3. Approval of Minutes of Meeting**

Approved.

### **4. Background**

Ok

### **5. Proposed scope**

Comments to proposed scope:

To be included elements:

- Casing type = Casing (new section)
- Cement
  - Including Cement fluid details (subsection?)
- Tight wells
- Include element for duration for all time intervals
- HPHT
  - High Pressure - High Temperature
- Report nr
  - A sequence number. Each day of operation is a new number increment
- Start date

- Start of reporting/operation
- Water depth
- Side track – the possibility to flag the following two properties:
  - Technical side track
  - Geological side track
- Period of operation – create proposal and they will comment. Can use start of operation date and today’s date to compute period of operation. Need to define what we consider as the starting date, so that we know what type of period it is.
- Bit data –include because of important subconcepts
- RIGTYPE – possible to use OD’s list as a standard – need to check information on the web
- Drilling like units of measure” – updates to standard report layout

Not in scope elements:

- Pressurized coring
- Well stimulation (At well testing) indicator
- Perforation - Shot density
- Formation name – selection list
- Operation codes - NPT (Non productive time)
- Cost – move out of scope

## **6. Proposed plan**

Ok

## **7. Issues**

Planning for testing and piloting should start soon. A formal note about the changes in the DDR XML Schema needs to be sent out to operators 3-5 weeks in advance. Ove Ryland (EPIM) should do this. For pilot, we will aim for a field that includes Statoil as operator and with ExxonMobil as one of the partners.

## **8. Next meeting(s)**

Next meeting will be held in week 50.

First meeting in 2011 will be held in week 2.

## **9. AOB**

**Action 10.06** Find out more about API 5 and WITSML on nominal values (Lillian)

**Action 10.07** Find out more about OD’s rig types (Lillian)

**Action 10.08** Suggest date for next meeting, send out invitation (Lillian, Geir)