

## **GUIDELINES FOR STATUS REPORTING IN CONNECTION WITH START-UP OF NEW FIELDS**

**Note:** *This report should describe changes that have taken place during the period from PDO approval up to production start-up, cf. Section 26 of the Resource Management Regulations. Only changes made after the PDO, and that are of significance for production from the field should be described. Explain whether and how the changes have been or will be implemented in the simulation model. Changes that are already documented in report form should be mentioned with reference to the actual reference (Chapter 7). New data that has been reported in some other manner (e.g. logs from pre-drilled wells) shall not be included. Interpretations of new data can be described, listed (e.g. zoning in pre-drilled wells) or illustrated (e.g. updated structure maps).*

*The status report must be submitted no later than six (6) weeks prior to planned start-up, and will be included as a basis for evaluating the production permit, cf. separate guidelines.*

### **1. General**

- 1.1 Assets on the field *Refer any changes, if applicable*
- 1.2 Conditions associated with PDO approval *List conditions and describe implemented or planned measures, if applicable*
- 1.3 Other

### **2. Reservoir evaluation**

- 2.1 Seismic mapping, structural model *Information regarding any new seismic acquisition or reprocessing, new seismic interpretation, seismic modeling, structural geological studies. New structure maps should be attached, if applicable (A4 format).*
- 2.2 Petrophysics *Description of any new petrophysical methodology associated with reinterpretation of formation parameters, new cut-off criterias, reinterpretation of liquid contacts.*
- 2.3 Geological model *Changes in nomenclature/naming, new zoning, zone division of new wells, reinterpretation of sedimentation environment/facies sub divisions/reservoir geometry, new modeling (stochastic/deterministic). New wells can be shown using CPI logs and zoning in A4 format. Reinterpretation of old wells can be shown in tables.*
- 2.4 Simulation model *Overview of simulation studies carried out after PDO approval. If multiple field simulations have been made,*

*compare the production profiles in graph form. Provide a brief explanation of major changes.*

2.5 Resources/reserves

*Table showing updated volumes (rock volume, HCPV, STOOIP/GOIP, reserves) and associated uncertainty. If new mapping/simulation has been done, compare the results with the resource estimates in the PDO. Provide a brief explanation of major changes.*

2.6 Production forecasts

*Table showing low, medium and high production forecast. State the probability factor for the estimates.*

**3. Production strategy**

3.1 Wells

*Overview of expected new wells in the coming period. Simplified structure map showing planned and any pre-drilled well locations for the respective reservoir zones.*

3.2 Perforation/drainage strategy

*Any changes in the general perforation/drainage strategy for production and injection wells.*

3.3 Gas marketing/allocation solution

*Describe any changes in the marketing/allocation solution for associated gas.*

3.4 Improved recovery

*Provide a brief description of relevant methods for improved recovery.*

3.5 Additional resources

*Overview of any additional resources proven after the PDO, and potential phase-in time.*

**4. Data acquisition and reservoir monitoring**

4.1 Coring/logging

*Describe any changes in the general plans. Provide an overview of logs, cores and pressure data from any pre-drilled wells.*

4.2 Formation tests/well allocation

*Overview of test data from any pre-drilled wells (productivity, permeability, skin factor). Overview of planned formation tests in the coming period. Brief description of well allocation method (allocation model, frequency, test duration, etc.)*

4.3 Reservoir monitoring

*Describe any changes in the general strategy.*

Fluid sampling

**5. Process**

- 5.1 Treatment capacities *Refer any changes in treatment capacities for oil, water and gas.*
- 5.2 Injection capacities *Refer any changes in injection capacities for water and/or gas.*
- 5.3 Production chemistry *Provide a brief description of potential problem areas (salt precipitation, H<sub>2</sub>S, sand production, etc.)*
- 5.4 Flaring and cold venting *Description of assumptions for calculating the applied for volume of gas for flaring and cold venting. Schedule for activities impacting the amount of gas to flaring or cold venting in connection with start-up and run-in of the process facility. Expected amount of gas for fuel.*
- 6. Ongoing and planned studies** *Ongoing and planned studies within geophysics, geology, reservoir technology and process in the coming period.*
- 7. References** *References to reports distributed in the licence and to the NPD where new data or changes are documented.*