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EXHIBIT 1 – LICENSED MATERIAL

Licensed Material includes the following:

1.1.1 The Volve Data Village data set

The data set consists of 11 folders with a total of 5 TB and nearly 40,000 files.

Most folders contain “readme” files.

Some parts of the data set contains “Scandinavian letters æ,ø,å” A

short description of the folders:

1. Geophysical Interpretations:

Geophysical interpretations exported from OpenWorks, Faults, Horizons, Well picks

Folder Fault_polygons contains fault polygons for Top and Base Hugin (top and base reservoir).

Top Hugin consists of 78 polygons (all collected in a single file)

Base Hugin consists of 71 polygons (all collected in a single file)

Each polygon is defined by a (UTMX,UTMY,TWT) point set.

Folder Faults contains one file with all official faults (fault sticks) for Volve.

File format by character in line:

3-12: UTMX (meter)

14-24: UTMY (meter)

26-36: TWT (ms)

37-47: UNKNOWN (probably 3 columns with color coding)

50: UNKNOWN

52: Number on fault stick (1,2,3 for start, middle, end)

53-100: Fault name

101 andover: not relevant.

projected CRS

type : UTM zone :

UTM Zone 31N

Folder Horizons contains horizon interpretations.

Horizons_TWT: Horizons in time

Official_Horizons: Interpolated versions of key horizons

Timelapse_Horizons: Horizons used for computing 4D attribute maps. There are different versions with different extensions.

Other_Horizons: Some other relevant horizons

Multiples: Indicating first and second multiple of strongest horizons, interfering with reservoir.

Horizons_DEPTH: Horizons in depth

Official_Horizons: Interpolated versions of key horizons (in depth)

Other_Horizons: Some other relevant horizons

Naming standard for Horizon files:

Stratigrafic_surface+Seismic_info+Interpreter+Output_Domain.dat

Horizon-OW-IO-formatfile.xml: Format file used to export horizons from OW, using the "Data Export" utility.

The horizon files contain IL, XL, UTMX, UTMY, and TWT or Z.

ST0202 and ST10010 survey have different but related IL/XL system:

$$XL(ST10010) = XL(ST0202)$$

$$IL(ST10010) = 2 \times IL(ST0202) - 1$$

Folder Wells contains the following two files:

1) Well_picks_Volve_v1.dat:

Contains most important well picks for Volve wells.

Some well picks occur more than 1 time in a single well (indicated with Obs#).

This is due to the well crossing in and out of a formation several times (e.g. due to faults, or horizontal well path).

2) Well_perforations_Volve.dat:

Contains well perforation intervals.

2. GeoScience_OW_Archive:

Contains a backup of OpenWorks database

3. Production data:

Contains daily and monthly production data pr well

4. Reports

Contains two reports.

Discovery Report

PUD (Plan for Utbygging og Drift). The PUD document is unfortunately in Norwegian but is the official document approved by NPD as plan for development and operations (PDO)

Other reports can be found in folder Well_logs, typically Final Well Reports etc. and in folder for well technical data.

5. Reservoir_Model-Eclipse_model

Contains the dynamic fluid simulation models made in Eclipse. It contains both input and result data.

The folder contains a powerpoint file "Volve Sim model and HM per jan-16. The file describes Volve 2010 model, the drainage strategy, and development from initial PDO interpretation in 2006.

6. Reservoir_Model-RMS_model

Contains Geological Reservoir Model made in RMS.

It contains both input and result data from two models, PDO 2005 and Full Field 2014.

1. VolveGeomodel2003.rms2012.0.4 (Volve PUD::Production::PUD/PDO::2005)

- RMS model

- Export_data

2. pp04xg03gf01sf01.rms2012.0 (Volve2014: Full Field Geomodel 2014::Production::Reservoir Description::2014- RMS project)

- RMS model

- Export_data

7. Seismic

Seismic contains seismic data of 2 OBC surveys:

ST0202 acquired in 2002

ST10010 acquired in 2010.

ST0202 and ST10010 surveys have different but related IL/XL system:

$$XL(ST10010) = XL(ST0202)$$
$$IL(ST10010) = 2 \times IL(ST0202) - 1$$

The subdirectory ST0202 contains 3D processed data for ST0202

The subdirectory ST10010 contains 3D processed data for ST10010

The subdirectory ST0202vsST10010_4D contains data from 4D processing of ST0202 and ST10010 (matched data).

Names used in the files indicating processing:

ST0202R08: Survey ST0202 re-processed in 2008 (PZ and PS imaging in depth) with 2008 velocity model

ST0202ZC11: Survey ST0202 re-reprocessed in 2011 (PZ imaging in depth), in connection with timelapse processing with 2011 velocity model

ST10010ZC11: Survey ST1010 processed in 2011 (PZ imaging in depth) with the 2011 velocity model.

ST0202ZDC12: Survey ST0202 re-processed in 2012 for 4D purpose

ST10010ZDC12: Survey ST10010 re-processed in 2012 for 4D purpose

Seismic/VSP contains checkshots for some wells.

The checkshots are normal incidence VSP. They are measured in the well.

A VSI tool is put in the borehole, with 4 receivers. The distance between the receivers is 15cm. A source is located right above the VSI receivers

(in the center). The average TWT of the first arrivals in the 4 receivers is taken. The boat and the VSI tool move after every shot.

More VSP data is found in the folder Well logs\08.VSP_VELOCITY

8. Well_logs

Well logs contains a variety of logs: mud logs, petrophysical logs, vsp, core, biostrat, geochem and corresponding reports from 3 exploration wells and 21 production/injection wells. The data is organized by datatype. The folder contains a file "Volve Inventory" with an overview of the data in the folder.

9. Well_logs_pr_WELL

This folder contains the same data as in folder 8 but organized by well. The folder contains a file "Volve Inventory" with an overview of the data in the folder.

10. Well_technical_data

The data in this folder structure consists of two main parts. First the EDT software export using the software from Landmark.

EDT_EDM
CasingSeat
CasingWear
Compass
EDM.XML
Site
Site_TemplateSlot
StressCheck
Wellcat
WellPlan
WellWellbore

Secondly Daily Drilling Reports, in HTML, PDF and XML (WITSML) version.

11. WITSML Realtime drilling data

This folder contains folders with WITSML realtime drilling data from the newest wells. Unfortunately, there is no realtime drilling data in our systems the oldest wells..

NA-NA-15_\$47\$_9-F-5 15/9-F-5 W-508420
Norway-StatOil-NO 15_\$47\$_9-F-1 B NO 15/9-F-1 B fbaff14c-822a-4608-88cd-c76961e2bd63
Norway-StatOil-NO 15_\$47\$_9-F-1 C NO 15/9-F-1 C 1bf1cc58-83af-4e13-9696-4fae2f9294ae
Norway-StatOil-NO 15_\$47\$_9-F-11 NO 15/9-F-11 da2c7481-6737-4b5e-b430-32d50e69bd9a
Norway-StatOil-NO 15_\$47\$_9-F-15 NO 15/9-F-15 dd19bf7b-02a7-4383-9038-ce201cee4d91
Norway-StatOil-NO 15_\$47\$_9-F-14 NO 15/9-F-14 cf870b7d-087b-4797-b000-4968e9f1beaf
Norway-StatOil-NO 15_\$47\$_9-F-12 NO 15/9-F-12 a82580d7-d94f-4e5a-9a04-be8bcae02998
Norway-StatOil-NO 15_\$47\$_9-F-9 NO 15/9-F-9 432612d4-7a1b-464d-b89a-9783d4606a96
Norway-StatOil-NO 15_\$47\$_9-F-7 NO 15/9-F-7 5da3aeeb-12c9-4732-a059-e3a8d7c32442
Norway-StatOil-NO 15_\$47\$_9-F-5 NO 15/9-F-5 634ead84-2e59-4283-ad38-ae87114be051
Norway-StatOil-NO 15_\$47\$_9-F-4 NO 15/9-F-4 5e023a7f-1b34-4948-81ca-286bba72793b
Norway-NA-15_\$47\$_9-F-1 15/9-F-1 W-565042
Norway-NA-15_\$47\$_9-F-1 C 15/9-F-1 C W-2890722
Norway-StatOilHydro-15_\$47\$_9-F-10 15/9-F-10 W-924688

Norway-NA-15_\$47\$_9-F-11 B 15/9-F-11 B W-2513775
Norway-Statoil-15_\$47\$_9-F-12 15/9-F-12 W-353084
Norway-StatoilHydro-15_\$47\$_9-F-14 15/9-F-14 W-353085
Norway-StatoilHydro-15_\$47\$_9-F-15 15/9-F-15 W-826806
Norway-StatoilHydro-15_\$47\$_9-F-15A 15/9-F-15A W-861401
Norway-StatoilHydro-15_\$47\$_9-F-15B 15/9-F-15B W-854763
Norway-StatoilHydro-15_\$47\$_9-F-15S 15/9-F-15S W-744206
Norway-StatoilHydro-15_\$47\$_9-F-4 15/9-F-4 W-353088
Norway-StatoilHydro-15_\$47\$_9-F-5 15/9-F-5 W-555807
Norway-Statoil-15_\$47\$_9-F-7 15/9-F-7 W-518456
Norway-StatoilHydro-15_\$47\$_9-F-9 15/9-F-9 W-562908
Norway-NA-15_\$47\$_9-F-9 A 15/9-F-9 A W-986464

12. High frequency IMS data from VOLVE

Data contains high frequency data from VOLVE wells and some general facility data (10-12 TB)