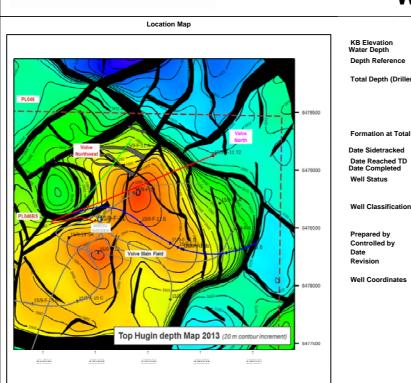


COMPLETION LOG VOLVE

Scale: 1 / 500

Well: NO 15/9-F-11 B



54.9 m 91 m Depth Reference RKB Total Depth (Driller)

4770,0 m MD RKB 3257.3 m TVD RKB

Norway PL046 BS Licence

Statoil (59.6%; Op.), ExxonMobil Norway (30.4%), Bayerngas Norge (10%)

Volve

Field Rig Date Sidetracked 28.05.2013 11.06.2013 **Drilling Contractor** Mærsk Mudlogging Company Logging Company Baker Hughes

Date Reached TD Date Completed 15.06.2013 Well Status completed, perforated

Schlumberger MWD Company Baker Hughes Geologists E. Mondesert, P. J. Caine, L. C. Szanto

Wellsite geologists, P. Kaiser P. Kaiser, A. Ambrosi Controlled by 13.11.2013

Geographic ED50

oil producer

Latitude 58° 26' 29,957 N 1° 53' 14,867 E Longitude UTM 31 Northing 6 478 568,17 m Easting 435 049,09 m

Casing Records					LO
Diameter	Shoe depth m MD RKB	Shoe depth m TVD RKB		Туре	Result g/cc
14" Casing shoe	2570.7	2440.9		FIT	1.650
9 5/8" Casing shoe	3192,4	2780.3			
7" Liner shoe	4768,7	3255.7			
	Į.				
			1		

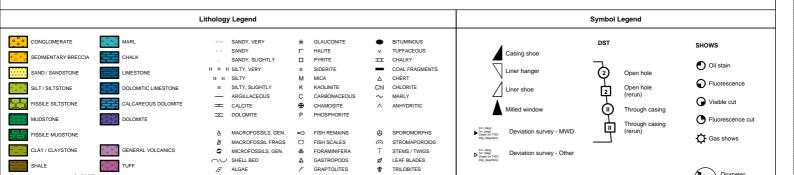
LOT / FIT					
Туре	Result g/cc	Depth m MD RKB	Depth m TVD RKB		
FIT	1.650	3200	2784.1		
			<u> </u>		
	İ		İ		

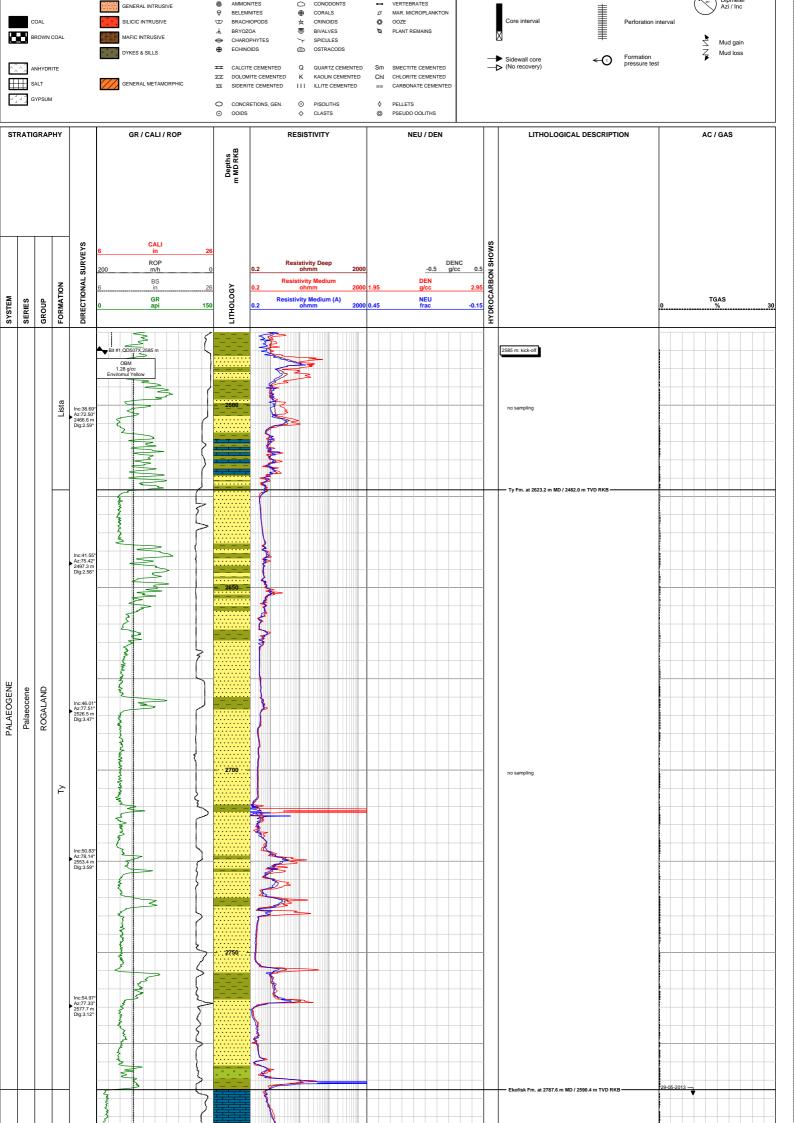
١		Comments		
1	Ī	Objectives:		
╛	.	- oil production from infill location between existing producers F-12 and F-14 in the main field		
1	1	geosteer in the upper part of the Hugin reservoir, which is expected to be only partially drained		
١				
١	H	Summary/results:		
١	H	- encountered oil-filled Upper Hugin reservoir in heel and toe with good reservoir qualities		
١	- 1	- total geosteered section in Hugin Formation was ~1220 m MD long of which ~780 m MD in oil-bearing productive Upper Hugin		
1	ŀ	- exit field through main fault, as expected, was not observed; TD was set in Sleipner Formation due to dropping towards toe		
١				
١	- 1	Comments:		
١	ŀ	- 12 1/4" section: trip due to bit change		
1	-	- 8 1/2" section: exit several times into Heather Fm. above and water-filled Hugin below; dir-MWD failure at 4682 m changed TD criterion		
١				

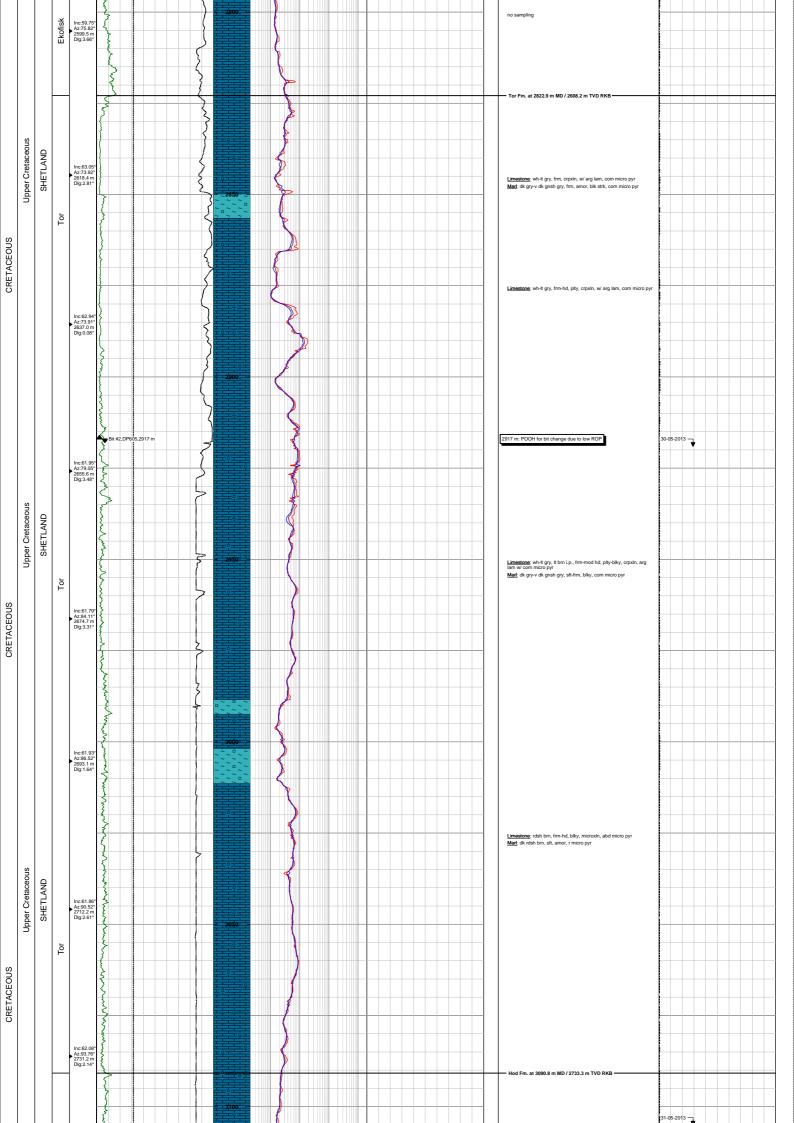
Logs			
Run no.	Log type	Logged interval	
1	GR, RES	2585-2917	
2	GR, RES	2917-3197	
3	GR, GR image, azimuthal RES, DEN, DEN image, NEU	3197-4770	

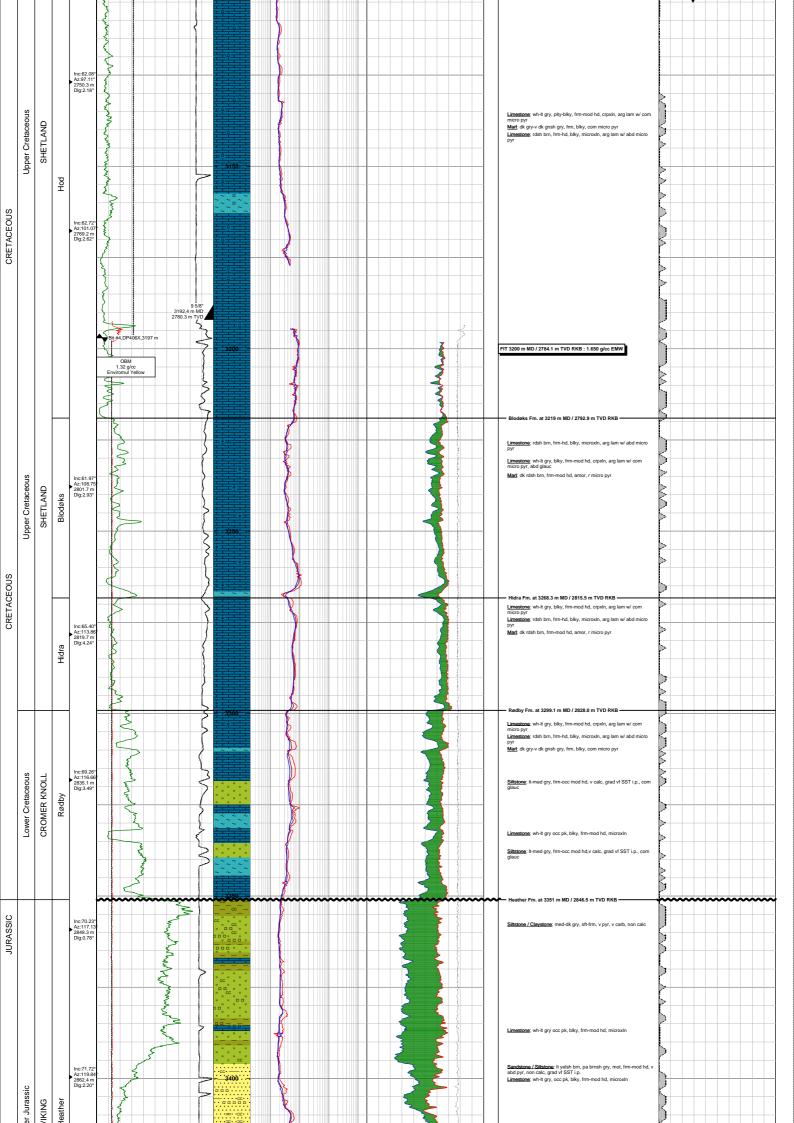
Perforated Intervals				
Interval no.	Perforation top m MD RKB	Perforation bottom m MD RKB		
1	4527	4539		
2	4488	4500		
3	4355	4367		
4	4304	4316		
5	4286	4295		
6	4268	4280		
7	4063	4075		
8	4031	4043		

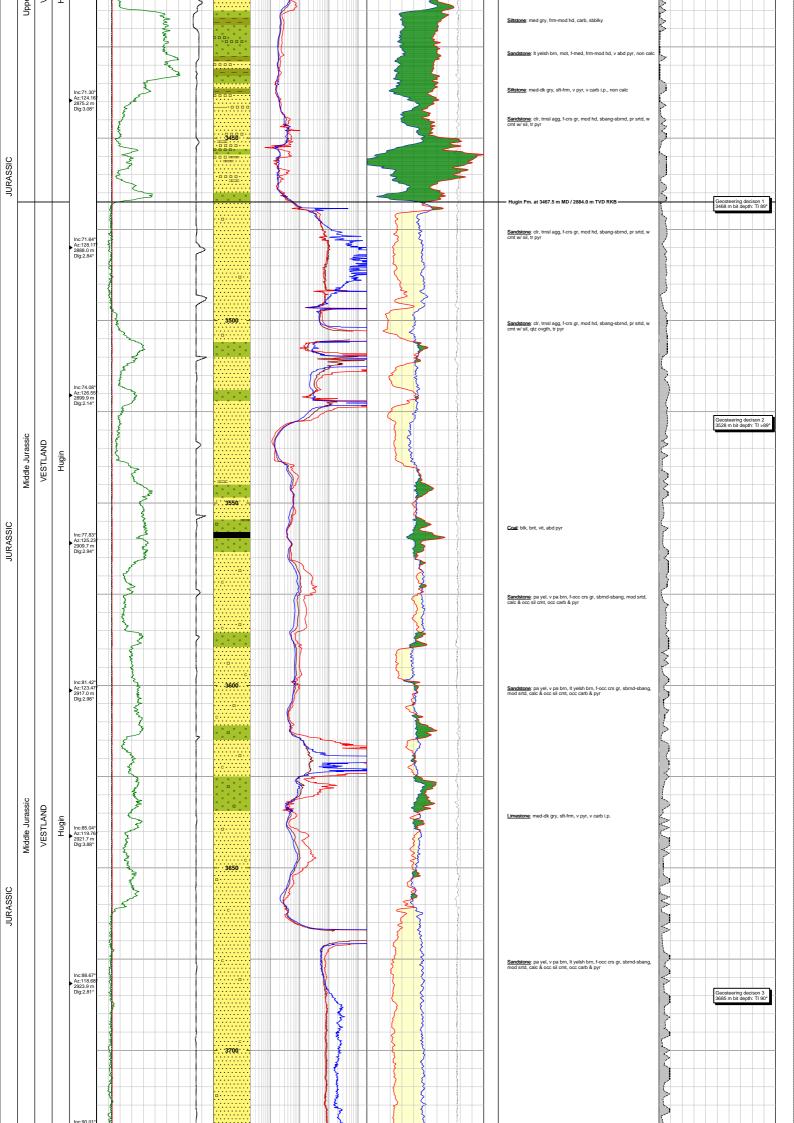
Pressure Points (TesTrak)							
Test no.	Depth m MD RKB	Depth m TVD RKB	Pressure bar	Test no.	Depth m MD RKB	Depth m TVD RKB	Pressure bar
No formation pressure tests							

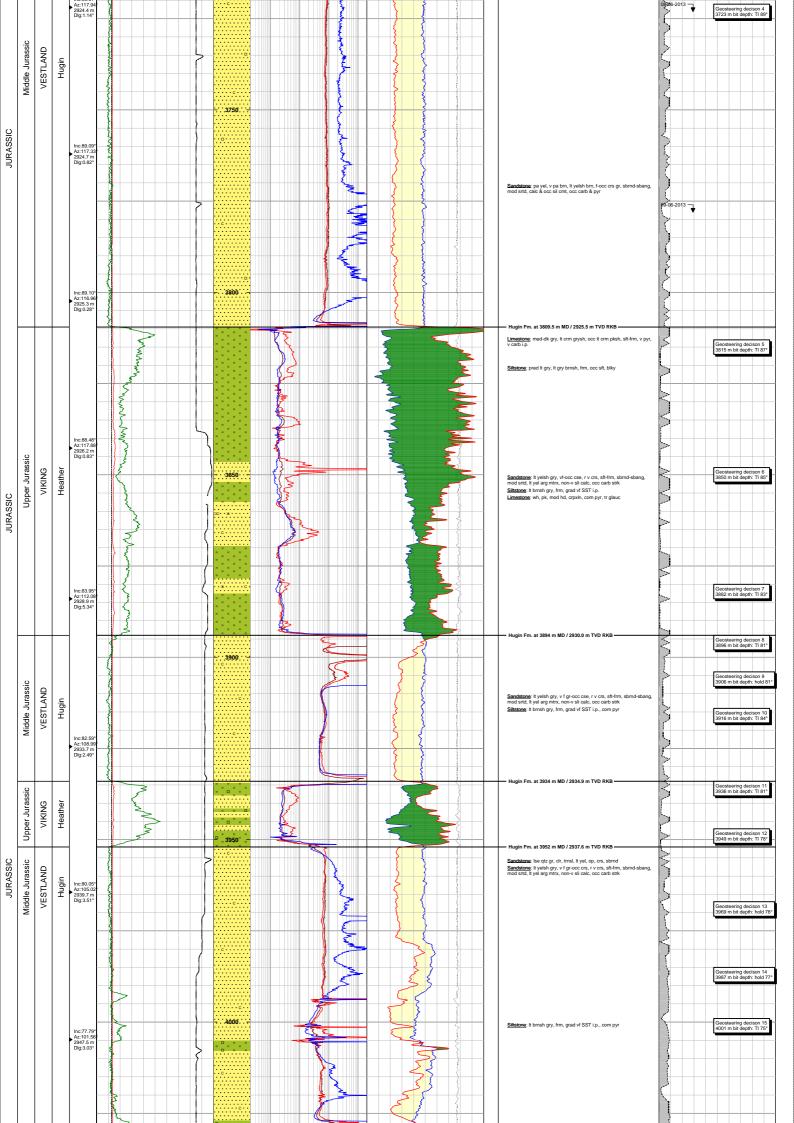


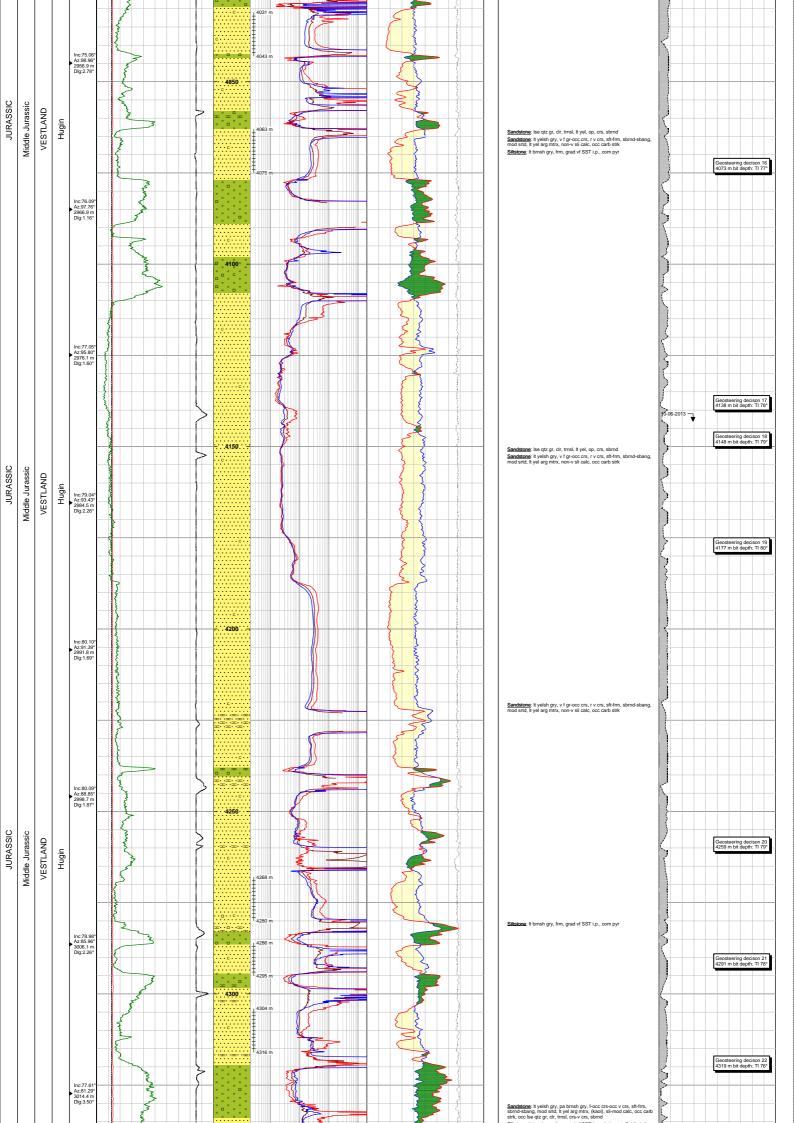


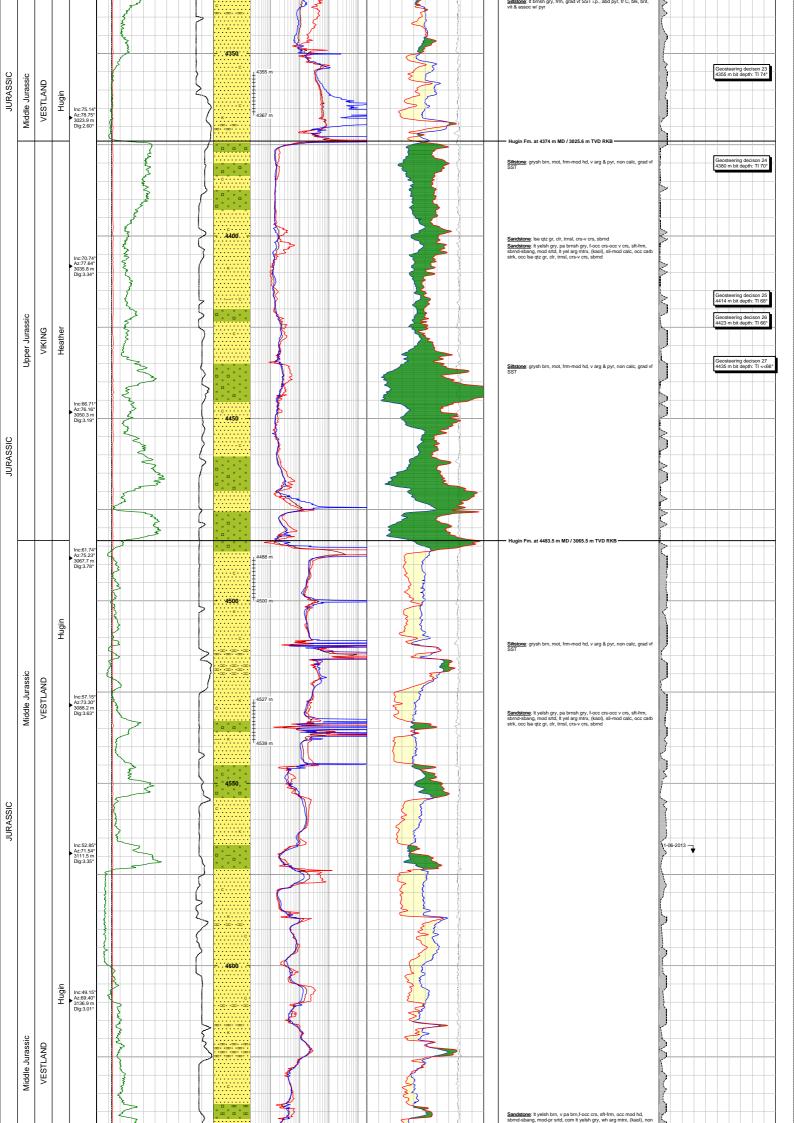


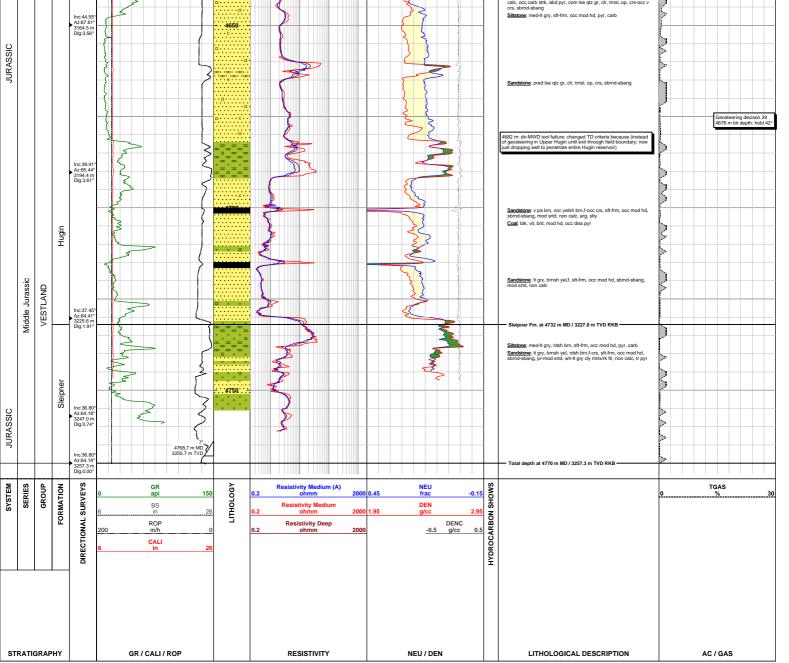












Output log file created: 13.12.2013 11:41:0
Winlog well ID: 15_9_F_11B
StatailHydro well ID: 100 15/9-F-11 B
Template version: v4.0 [20080515] - AJC
Project file version: v4.00
Designed for Winlog Version 4