Company	Schlumberger
Well	15/9-19 SR
Field	SNORRE
Date	2-Jun-2009
Time	00:00
Depth Reference	RKB
Log Measured From	23.00 m
Permanent Datum	MSL
Elevation	0.00 m
Drilling Measured From	RKB
Run Number	1
Depth Logged	2100.00 m
Logging Speed	1800 m/h
Max Deviation	0.00 deg
Max Temperature	0.00 degC
Bottom Log Interval	2100.00 m
Top Log Interval	1800.00 m
Casing Shoe	0.00 m
Casing Size	0.00 mm
Casing Weight	0.00 kg/m
Mud Type	WATER BASED
Mud Density	1.00 kg/m3
Mud Viscosity	0.00 mPa.s
Mud Resistivity	0.00 ohm.m
Mud Resistivity Temp	0.00 degC
Mud Filtrate Resistivity	0.00 ohm.m
Mud Filtrate Resistivity Temp	0.00 degC
Mud Cake Resistivity	0.00 ohm.m
Mud Cake Resistivity Temp	0.00 degC
Mud Cake Thickness	0.00 mm
Neutron Tool	
Density Tool	
Gamma Ray Tool	
Resistivity Tool	
Other Tool	
Recorded By	
Witnessed By	

SCHLUMBERGER

DRILLING MEASUREMENTS

DEPTH CONTROL PARAMETERS

Logging Company	Schlumberger	Logging Date	2-Jun-2009
Logging Unit Number	1	Logging Time	00:00
Logging Unit Location	STAVANGER	Logging Speed	1800 m/h

LOG QUALITY CONTROL

Depth Control Incorporated	YES	Hole Condition	GOOD
Depth Shift Over Logged Interval	0.00 m	Logging Equipment Condition	GOOD
Max Hole Deviation	0.00 deg	Logging Conditions	GOOD
Depth Shift Method		Quality Control Method	

Schlumberger

Schlumberger Private

Company: Statoil
Well: 15/9-19 SR
Field: SNORRE
Location: Norway, Offshore Norway, Norwegian Sector, SNORRE
Date: 2-Jun-2009

MAIN PASS

Curve Name	Description	Units	Scale	Sample Rate
DEPTH	Depth	m		0.15 m
ECDA	Equivalent Circulating Density Annulus	kg/m3	1000 - 1800	0.15 m
ECDB	Equivalent Circulating Density Bit	kg/m3	1000 - 1800	0.15 m
ECDT	Equivalent Circulating Density Total	kg/m3	1000 - 1800	0.15 m
ECDA	Equivalent Circulating Density Annulus	kg/m3	1000 - 1800	0.15 m
ECDB	Equivalent Circulating Density Bit	kg/m3	1000 - 1800	0.15 m
ECDT	Equivalent Circulating Density Total	kg/m3	1000 - 1800	0.15 m

Warrior Energy Services Corp.

MAIN PASS

Warrior Energy Services Corp.

REPEAT PASS

Database File: mb 2-3.db
Dataset Pathname: pass1rep
Presentation Format: psdef
Dataset Creation: Tue Jan 19 11:11:54 2016 by Log SCH 1261QB
Charge Software Version: 2.0.0 build 1 (Jan 12 2016)

Warrior Energy Services Corp.

REPEAT PASS

Calibration Report

Database File: mb 2-3.db
Dataset Pathname: pass1rep
Dataset Creation: Tue Jan 19 12:10:10 2016 by Log SCH 1261QB

Gamma Ray Calibration Report

Serial Number:	270PIL20-XXXXX	
Tool Model:	270PIL20	
Performed:	Wed Jul 08 08:47:23 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrated Reading:	0.0	GAPI
Sensitivity:	0.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	275SBT20-0250
Tool Model:	275SBT20

Master Calibration, performed Tue Jan 19 11:31:49 2016

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
Z	-0.002	2.198	0.100	71.921	32.696	0.100
Y	-0.002	2.198				
X	-0.002	6.195	0.100	71.921	364.826	0.737
SUM						
S1	-0.002	1.645	0.000	100.000	60.727	0.100
S2	-0.002	2.475	0.000	100.000	40.379	0.066
S3	-0.002	2.148	0.000	100.000	46.507	0.081
S4	-0.002	2.148	0.000	100.000	46.507	0.081
S5	-0.002	2.445	0.000	100.000	40.906	0.071
S6	-0.002	2.474	0.000	100.000	40.424	0.064
S7	-0.002	2.474	0.000	100.000	40.424	0.064
S8	-0.002	2.253	0.000	100.000	44.146	0.082
CAL	0.000	0.000	-0.002	0.857	1.000	0.000

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.002	0.857	1.000	0.000

Air Zero Calibration, performed Wed Jul 08 08:45:33 2015

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
Z	0.000	0.000	0.000
Y	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number:	275SBT20-0250		
Tool Model:	275SBT20		
Performed:	Sun Jun 15 13:33:21 1980		
	Reference	Reading	
Low Reference:	0.00 degF	0.00 usec	
High Reference:	1.00 degF	1.00 usec	
Gain:	1.00		
Offset:	0.00		
Delay Spacing:	0		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1_4	1.00	1.36	5.00
			2_Chassis 2.0" mandrel-eight	2.75	2.75	25.00
			275CTEK50CENTRIXLCAN5-275BTS1-276 1120/U22.75 2.0" Sector Bond Tool with Temp Sliding Cable Arming			102.00
			2_Chassis 2.0" mandrel-eight	2.75	2.75	25.00
			CCL-270CCL-80-(270CCL-80-XXXX) 2.0" Tel Co Pass Sub-CCL	1.63	2.75	15.00
			GR-270GR-20-(270GR-20-XXXX) 2.0" Gamma Ray	3.67	2.75	30.00

Dataset: mb 2-3.db: Mobile\mwf\run1\pass1d
Total Length: 23.13 ft
Total Weight: 202.00 lb
O.D. 2.75 in

Warrior Energy Services Corp.

Company	ALTA MESA SERVICES
Well	W.L. WASTEWATER 2-3
Field	WILDCAT
County	PAYETTE
State	IDAHO