# Schlumberger

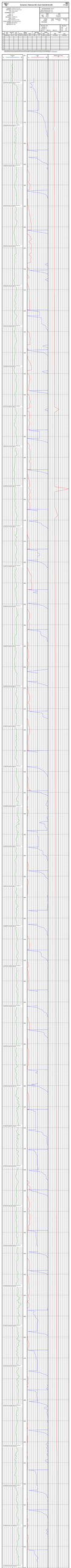
## Schlumberger, Platform Express, HRA - Quad Combo (TD-CBL)

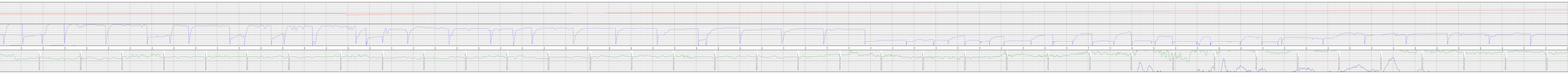
**Well:** 15/9-19 A
**Field:** Sleipner Vest
**Location:** Block 15/9, Norwegian Sector, North Sea
**Coordinate System:** ED50 UTM Zone 31N
**Rig:** Transocean Leader
**Service Order:** 5000-1000-0000
**Run:** 1
**Depth Datum:** Drilling Measurement
**Log Measured From:** Rotary Table, 22 m above Mean Sea Level
**Permanent Datum:** Mean Sea Level, 0 m above Mean Sea Level
**Drilling Measured From:** Rotary Table

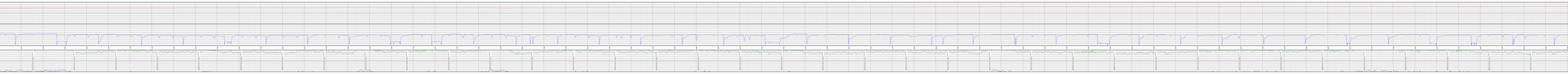
| | Driller | Logger | Log Interval |
|---|---|---|---|
| Date | 14-Jun-2009 | 14-Jun-2009 | |
| Depth | 3,200 m | 3,200 m | 3,200 m to 2,000 m |
| Bottom Log Interval | 3,200 m | | |
| Top Log Interval | 2,000 m | | |
| Casing Driller | 1,000 m @ 1,000 m | | |
| Casing Logger | 1,000 m | | |
| Bit Size | 12.25 in | | |
| Type Fluid in Hole | Water Based Mud | | |
| Density | 1.20 g/cm³ | | |
| Viscosity | 45 s | | |
| Fluid Loss | 4.5 cm³/30min | | |
| Resistivity | 0.18 ohm.m @ 60 degF | | |
| Source of Sample | Flowline | | |
| Rm @ Meas. Temp | 0.12 ohm.m @ 60 degF | | |
| Rmf @ Meas. Temp | 0.15 ohm.m @ 60 degF | | |
| Rmc @ Meas. Temp | 0.09 ohm.m @ 60 degF | | |
| Rm @ BHT | 0.08 ohm.m @ 60 degF | | |
| Time Since Circulation | 4.5 hr | | |
| Max Recorded Temp | 60 degF | | |
| Equipment / Base | 1309 / Stavanger | | |
| Recorded By | Ole Hansen | | |
| Witnessed By | Kari Nordmann | | |

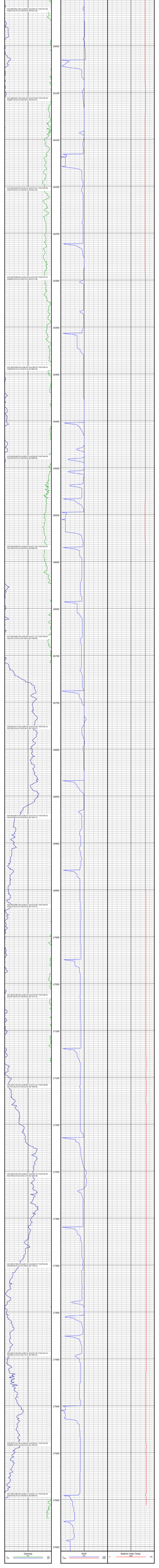
| Run | Bit Size | Depth In | Depth Out | Hole Condition |
|---|---|---|---|---|
| 1 | 12.25 in | 1,000 m | 3,200 m | Good |

| Tool | Serial No. | OD | Length | Weight | Max Temp | Max Pressure |
|---|---|---|---|---|---|---|
| HRA | 4501 | 5.00 in | 18.2 m | 1,250 kg | 150 degC | 1,000 bar |
| HNGS | 4502 | 5.00 in | 12.4 m | 980 kg | 150 degC | 1,000 bar |
| PEX | 4503 | 5.00 in | 14.6 m | 1,100 kg | 150 degC | 1,000 bar |
| DSI | 4504 | 5.00 in | 16.8 m | 1,320 kg | 150 degC | 1,000 bar |
| CMR | 4505 | 5.00 in | 15.1 m | 1,180 kg | 150 degC | 1,000 bar |
| ECS | 4506 | 5.00 in | 13.9 m | 1,050 kg | 150 degC | 1,000 bar |
| GPIT | 4507 | 5.00 in | 9.8 m | 760 kg | 150 degC | 1,000 bar |
| CBL | 4508 | 5.00 in | 11.2 m | 890 kg | 150 degC | 1,000 bar |








Gamma
API
Bottom Hole Temp
API
16850
16900
16950
17000
17050
17100
17150
17200
17250
17300
17350
17400
17450
17500
17550
17600
17650
17700
17750
17800
17850
17900
17950
18000
18050
18100
18150
18200
18250
18300
18350
18400
18450
18500
18550
18600
18650
18700
18750
18800