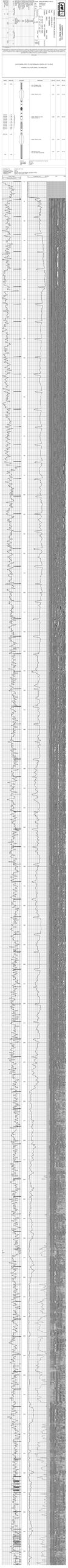
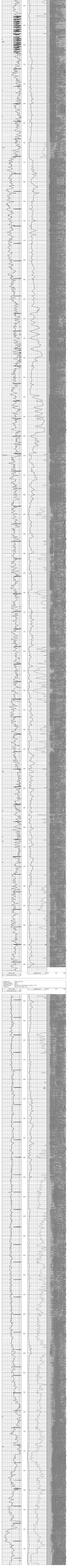
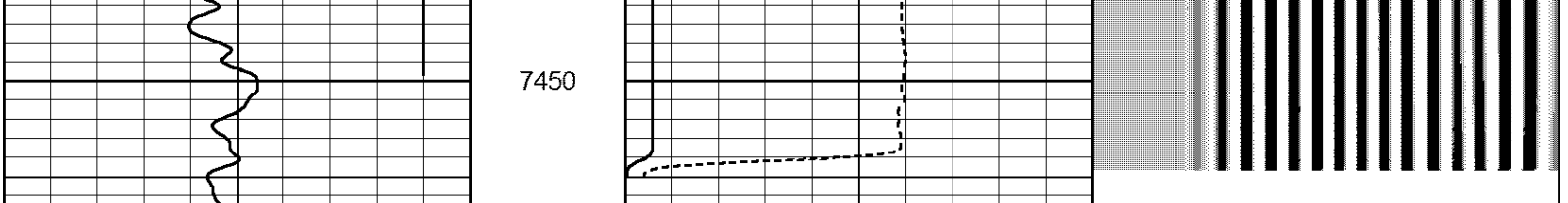

Well Name: 15/9-19 A
Field: Sleipner Vest
Location: Block 15/9
Country: Norway
Operator: Statoil
Date: 2008
Scale: 1:500
Depth Reference: RKB
Elevation: 25 m
Water Depth: 82 m
Total Depth: 3,245 m
Spud Date: 12.06.2008
Completion Date: 28.08.2008
Status: Producing
Reservoir: Utsira Formation
Hydrocarbon Type: Gas
Gas Gravity: 0.58
Gas Composition: CH4 98.2%, C2H6 0.8%, C3H8 0.3%, CO2 0.7%
Porosity: 32-36%
Permeability: 2-5 Darcy
Net Pay: 220 m
Gross Thickness: 250 m
Seismic Survey: 3D Sleipner Vest 2004
Inline Range: 1000-1400
Crossline Range: 2000-2600
Bin Size: 12.5 x 12.5 m
Sail Line Direction: N-S
Shot Point Interval: 12.5 m
Receiver Group Interval: 12.5 m
Number of Streamers: 8
Streamer Length: 6,000 m
Source Volume: 3,090 cu in
Source Pressure: 2,000 psi
Shot Interval: 12.5 m
Record Length: 10 s
Sample Rate: 2 ms
Fold: 120
Offset Range: 150-6,000 m
Processing Sequence: Demultiple, Migration, Stack
Migration Type: Kirchhoff Time
Velocity Model: Interval Velocity
Datum: MSL
Final Polarity: SEG Normal
Phase: Zero
Wavelength: 40 m
Vertical Resolution: 10 m
Lateral Resolution: 25 m
Signal-to-Noise: 12 dB
Coherency: 0.85
Dip Range: 0-30°
Azimuth Range: 0-360°
Curvature: 0.02
Amplitude Anomaly: Bright Spot
Flat Spot: Yes
Gas Chimney: Yes
Fault Density: 0.5 km/km²
Fault Throw: 50 m
Fault Length: 2,000 m
Fault Dip: 60°
Fault Azimuth: 045°
Fault Type: Normal
Fault Seal: Sealing
Fault Reactivation: No
Fault Timing: Post-Miocene
Fault Orientation: NE-SW
Fault Segmentation: Yes
Fault Relay Ramp: Yes
Fault Tip Line: Yes
Fault Propagation: Upward
Fault Interaction: Yes
Fault Growth: Yes
Fault Linkage: Yes
Fault Displacement: 50 m
Fault Throw Profile: Elliptical
Fault Plane: Planar
Fault Surface: Smooth
Fault Trace: Linear
Fault Segment: Yes
Fault Zone: Yes
Fault Damage Zone: Yes
Fault Core: Yes
Fault Gouge: Yes
Fault Breccia: Yes
Fault Fracture: Yes
Fault Permeability: Low
Fault Seal Capacity: 100 m
Fault Seal Mechanism: Juxtaposition
Fault Seal Quality: Good
Fault Seal Risk: Low
Fault Seal Uncertainty: Low
Fault Seal Analysis: Yes
Fault Seal Modeling: Yes
Fault Seal Calibration: Yes
Fault Seal Validation: Yes
Fault Seal Monitoring: Yes
Fault Seal Surveillance: Yes
Fault Seal Integrity: Yes
Fault Seal Performance: Yes
Fault Seal Reliability: Yes
Fault Seal Assurance: Yes
Fault Seal Management: Yes
Fault Seal Optimization: Yes
Fault Seal Enhancement: Yes
Fault Seal Improvement: Yes
Fault Seal Upgrade: Yes
Fault Seal Repair: Yes
Fault Seal Maintenance: Yes
Fault Seal Inspection: Yes
Fault Seal Testing: Yes
Fault Seal Evaluation: Yes
Fault Seal Assessment: Yes
Fault Seal Review: Yes
Fault Seal Audit: Yes
Fault Seal Compliance: Yes
Fault Seal Regulation: Yes
Fault Seal Standard: Yes
Fault Seal Guideline: Yes
Fault Seal Procedure: Yes
Fault Seal Policy: Yes
Fault Seal Strategy: Yes
Fault Seal Plan: Yes
Fault Seal Program: Yes
Fault Seal Project: Yes
Fault Seal Study: Yes
Fault Seal Report: Yes
Fault Seal Presentation: Yes
Fault Seal Publication: Yes
Fault Seal Conference: Yes
Fault Seal Workshop: Yes
Fault Seal Training: Yes
Fault Seal Education: Yes
Fault Seal Research: Yes
Fault Seal Development: Yes
Fault Seal Innovation: Yes
Fault Seal Technology: Yes
Fault Seal Software: Yes
Fault Seal Hardware: Yes
Fault Seal Data: Yes
Fault Seal Information: Yes
Fault Seal Knowledge: Yes
Fault Seal Expertise: Yes
Fault Seal Experience: Yes
Fault Seal Skill: Yes
Fault Seal Competence: Yes
Fault Seal Capability: Yes
Fault Seal Capacity: Yes
Fault Seal Resource: Yes
Fault Seal Asset: Yes
Fault Seal Value: Yes
Fault Seal Benefit: Yes
Fault Seal Cost: Yes
Fault Seal Risk: Yes
Fault Seal Uncertainty: Yes
Fault Seal Opportunity: Yes
Fault Seal Threat: Yes
Fault Seal Strength: Yes
Fault Seal Weakness: Yes
Fault Seal Advantage: Yes
Fault Seal Disadvantage: Yes
Fault Seal Limitation: Yes
Fault Seal Constraint: Yes
Fault Seal Assumption: Yes
Fault Seal Hypothesis: Yes
Fault Seal Theory: Yes
Fault Seal Model: Yes
Fault Seal Concept: Yes
Fault Seal Principle: Yes
Fault Seal Law: Yes
Fault Seal Rule: Yes
Fault Seal Guideline: Yes
Fault Seal Standard




7450
9
Collar Locator
-1
0
Gamma Ray (GAPI)
200
0
Amplitude (mV)
100
200
VDL
1200