Schlumberger

DSI Anisotropy

Custom Sonic Processing

COMPANY: BP Exploration(Alaska), Inc.

WELL: MT Elbert-01

FIELD: Mine Pt

COUNTY: NORTH SLOPE

State: ALASKA

Date Processed: 22-MAR-2007

Job Number: 11538614

Run Number: ONE

Logging Engineer: Tracy Logan

Operating Witness: Thomas Kennedy

Latitude: 70°42' 19.6" N

Longitude: 149°34' 19.8" W

Elevations: KB 54.8 Ft

DF 54.8 Ft

GL 21.4 Ft

Permanent datum: Mean Sea Level

Log Measured From: KB

Drilling Measured From: Drillers Rotary Table

Date: 14-Feb-2007

TOOL HOME

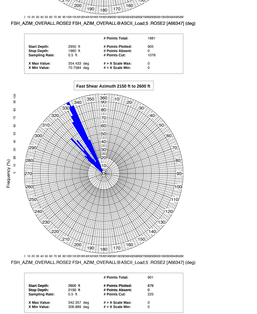
The well name, location and borehole reference data were furnished by the customer.

All interpretations, are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable in the case of negligence or otherwise for any loss or damage suffered by customer resulting from the interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Azimuth

Frequency (Hz)

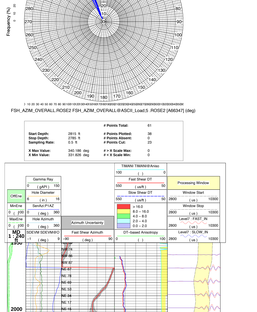
Fast Shear Azimuth 1960 ft to 2950 ft



FSH_AZIM_OVERALL.ROSE2 FSH_AZIM_OVERALL-BASCK_Load.5 .ROSE2 (AMSHT) (deg)

Start Depth:	1960 ft	# Points Picked:	1981
Stop Depth:	2950 ft	# Points Plotted:	905
Sampling Rate:	0.5 ft	# Points Cut:	1076
		# Points Total:	1981
X Max Value:	354.420 deg	# + X Scale Max:	0
X Min Value:	70.7364 deg	# + X Scale Min:	0

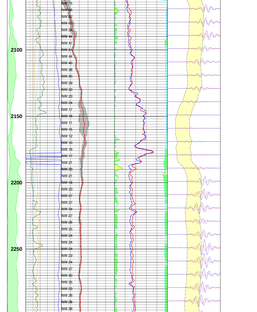
Fast Shear Azimuth 2100 ft to 2600 ft

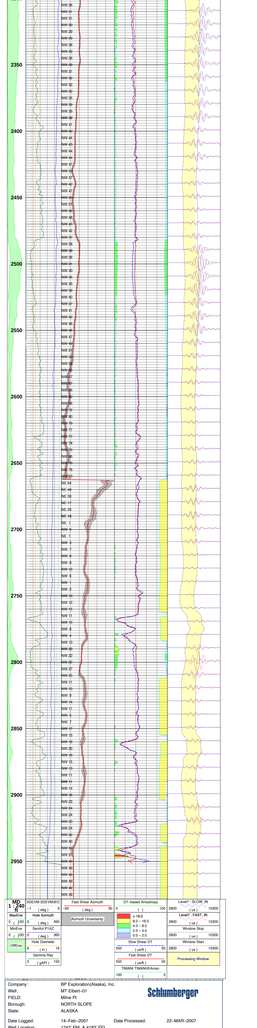


FSH_AZIM_OVERALL.ROSE2 FSH_AZIM_OVERALL-BASCK_Load.5 .ROSE2 (AMSHT) (deg)

Start Depth:	2100 ft	# Points Picked:	1001
Stop Depth:	2600 ft	# Points Plotted:	678
Sampling Rate:	0.5 ft	# Points Cut:	323
		# Points Total:	1001
X Max Value:	342.357 deg	# + X Scale Max:	0
X Min Value:	330.868 deg	# + X Scale Min:	0

Fast Shear Azimuth 2795 ft to 2815 ft



FSH_AZIM_OVERALL.ROSE2 FSH_AZIM_OVERALL-BASCK_Load.5 .ROSE2 (AMSHT) (deg)

Start Depth:	2815 ft	# Points Picked:	36
Stop Depth:	2795 ft	# Points Plotted:	36
Sampling Rate:	0.5 ft	# Points Cut:	23
		# Points Total:	61
X Max Value:	340.186 deg	# + X Scale Max:	0
X Min Value:	331.605 deg	# + X Scale Min:	0