SCHLUMBERGER

COMPANY: CHEVRON U.S.A. INC.
WELL: 1 MILLER
FIELD: WILDCAT
COUNTY: KODIAK ISLAND
STATE: ALASKA

Other Services: DSI-GR, HNGS-GR, ECS-GR, MSFL-GR, MAC-GR, CMR-GR, PEX-HRLA-GR, SHDT-GR, VSP-GR

Permanent Datum: MEAN SEA LEVEL
Elevation: 0 ft
Log Measured From: KELLY BUSHING, 0 ft above Permanent Datum
Drilling Measured From: KELLY BUSHING

Date	10-Jul-2010	11-Jul-2010	12-Jul-2010
Run Number	ONE	TWO	THREE
Depth Driller	2,000 ft	5,000 ft	10,000 ft
Schlumberger Depth	2,000 ft	5,000 ft	10,000 ft
Bottom Log Interval	1,999 ft	4,999 ft	9,999 ft
Top Log Interval	1,000 ft	2,000 ft	5,000 ft
Casing Driller Size @ Depth	13 3/8 in @ 1,000 ft		
Casing Schlumberger	1,000 ft		
Bit Size	12 1/4 in	8 1/2 in	8 1/2 in
Type Fluid in Hole	WBM	WBM	WBM
Density	9.5 lbm/gal	9.5 lbm/gal	9.5 lbm/gal
Viscosity	45 s	45 s	45 s
PH	9.5	9.5	9.5
Fluid Loss	4.5 cm3	4.5 cm3	4.5 cm3
Source of Sample	FLOWLINE	FLOWLINE	FLOWLINE
Rm @ Meas Temp	0.25 ohmm @ 70 degF	0.25 ohmm @ 70 degF	0.25 ohmm @ 70 degF
Rmf @ Meas Temp	0.2 ohmm @ 70 degF	0.2 ohmm @ 70 degF	0.2 ohmm @ 70 degF
Rmc @ Meas Temp	0.3 ohmm @ 70 degF	0.3 ohmm @ 70 degF	0.3 ohmm @ 70 degF
Source Rmf / Rmc	MEASURED / MEASURED	MEASURED / MEASURED	MEASURED / MEASURED
Rm @ BHT	0.15 ohmm @ 150 degF	0.15 ohmm @ 150 degF	0.15 ohmm @ 150 degF
Time Since Circulation	4 hr	12 hr	24 hr
Max Rec Temp	150 degF	150 degF	150 degF
Equipment Number	PCG-1	PCG-1	PCG-1
Location	57° 30' 0" N 152° 30' 0" W		
Recorded By	J. SMITH	J. SMITH	J. SMITH
Witnessed By	M. JONES	M. JONES	M. JONES

COMBINATION OF DSI-GR, HNGS-GR, ECS-GR, MSFL-GR, MAC-GR, CMR-GR, PEX-HRLA-GR, SHDT-GR, VSP-GR

COMBINATION OF DSI-GR, HNGS-GR, ECS-GR, MSFL-GR, MAC-GR, CMR-GR, PEX-HRLA-GR, SHDT-GR, VSP-GR RUNS ONE, TWO AND THREE MERGED

Permanent Datum: MEAN SEA LEVEL
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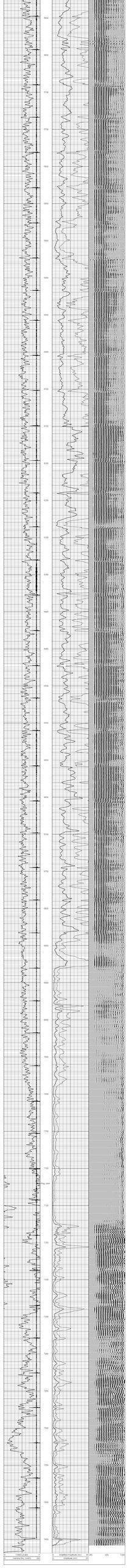
Drilling Measured From: KELLY BUSHING

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Rmf @ Meas Temp	0.2 ohmm @ 70 degF	0.2 ohmm @ 70 degF	0.2 ohmm @ 70 degF
Rmc @ Meas Temp	0.3 ohmm @ 70 degF	0.3 ohmm @ 70 degF	0.3 ohmm @ 70 degF
Source Rmf / Rmc	MEASURED / MEASURED	MEASURED / MEASURED	MEASURED / MEASURED
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Witnessed By	M. JONES	M. JONES	M. JONES