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Platform Express
Three-Detector Lithology Density
Compensated Neutron
Array Induction Imager Tool
Array Induction Imager Tool

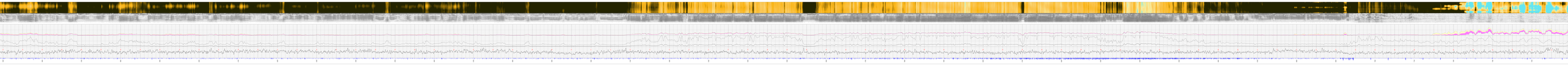
MAXIS 500 PETROTECHNICAL SERVICES
WITNESS

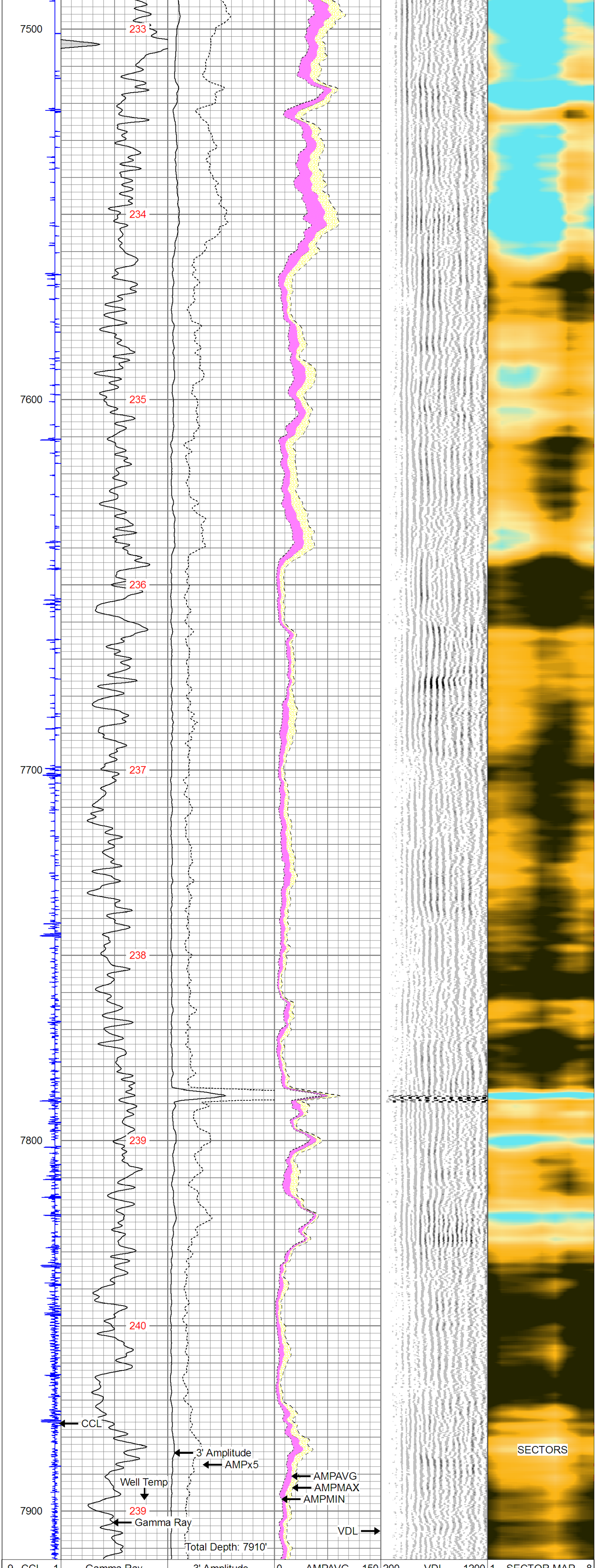
Version: 5.0a.210 (.exe), 5.0a.210 (.dll), 5.0a.210 (.dll), 5.0a.210 (.dll), 5.0a.210 (.dll)

Company: Shell	Well: Mahseer Deep	Run No.: 1	Run Date/Time: 20-Feb-2009
Country: Brunei		Depth Ref.: Wireline	10:00:00
Province: Brunei		Log Ref.: Schlumberger	
Location: Brunei			

NO DEPARTURE CORRECTIONS APPLIED
DEPTH CONTROL

Section	Tool	Description	Top (ft)	Bottom (ft)	Length (ft)
Head		Cable Head Tension Device			
	ATS-AA	ATS-AA	100	107	7.00
	HRLA-AA	HRLA-AA Array Induction Imager Tool	107	115	8.00
	HTEN-AA	HTEN-AA	115	120	5.00
	HLDS-AA	HLDS-AA Three-Detector Lithology Density Tool	120	127	7.00
	HNGS-AA	HNGS-AA Natural Gamma Ray Tool	127	134	7.00
	HACRT-AA	HACRT-AA Accelerator Porosity Tool	134	141	7.00
	HGNS-AA	HGNS-AA Gamma Ray Neutron Sonde	141	148	7.00
	HSGR-AA	HSGR-AA Standard Gamma Ray Tool	148	155	7.00
	HSGR-AA	HSGR-AA Standard Gamma Ray Tool	155	162	7.00
	HSGR-AA	HSGR-AA Standard Gamma Ray Tool





Calibration Report

Database File: howard 30c-29hz.db
Dataset Pathname: rbl/pass1
Dataset Creation: Thu Sep 04 11:04:08 2014 by Log SCH 120126

Gamma Ray Calibration Report

Type / Serial: Probe / 070155

SHOP CALIBRATION — Sat Aug 30 06:36:10 2014

	Counts/Sec.	Gain	Offset	Jig	Units
Background	35.0				cps
Calibrator	160.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: C3-111206
Tool Model: Probe

Calibration Casing Diameter: 7.000 in
Calibration Depth: 0.000 ft

Master Calibration, performed Mon Sep 01 04:51:19 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.768	-0.020	62.165	75.000	-0.300
CAL	0.000	0.754				
5'	0.000	0.679	-0.020	62.165	91.642	-0.020
SUM						
S1	0.000	0.753	0.000	100.000	132.724	0.000
S2	0.000	0.768	0.000	100.000	130.263	0.000
S3	0.000	0.767	0.000	100.000	130.417	0.000
S4	0.000	0.756	0.000	100.000	132.274	0.000
S5	0.000	0.745	0.000	100.000	134.273	0.000
S6	0.000	0.732	0.000	100.000	136.581	0.000
S7	0.000	0.734	0.000	100.000	136.277	0.000
S8	0.000	0.721	0.000	100.000	138.770	0.000

Internal Reference Calibration, performed Fri Aug 22 11:58:10 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.754	1.000	0.000

Air Zero Calibration, performed Sat Aug 30 06:29:19 2014:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	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

PIONEER
Pioneer Energy Services

Company KERR-MCGEE OIL & GAS ONSHORE
Well HOWARD 30C-29HZ
Field WATTENBERG
County WELD
State CO