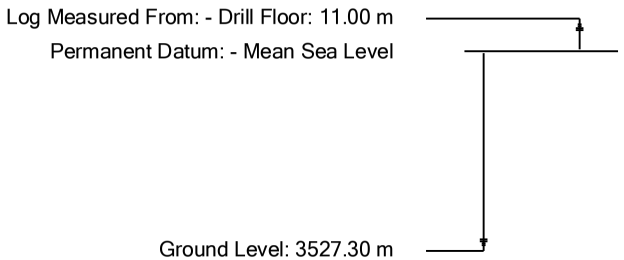
EcoScope Gamma Ray Service
1:240 Measured Depth
Recorded Mode Data

Schlumberger

Company:	IODP
Well:	U1520A
Field:	HSM-05A
Rig Name:	Joides Resolution
Expedition:	372
Country:	New Zealand

Latitude:	38° 58' 9.84" S	UWID:	
Longitude:	178° 7' 56.1" E	Rig Name:	Joides Resolution
Block:	EXP372	Rig Type:	Drill Ship

FL:
FL1:
FL2:



Acquisition Dates:	26-Dec-2017 -- 27-Dec-2017	Other Services:
Log Interval:	3530.00(m) -- 3636.00(m)	SonicScope
Index Types:	Measured Depth	proVISION Plus
Index Scales:	1:240	geoVISION Images
Depth Source:	Driller's Depth	StethoScope
Depth Sensor:	DES	
Print Type:	Final	
Spud Date:	26-Dec-2017	

Disclaimer

Run 1

FINAL NEO LOG 2

Software Version

Acquisition System	Version
Maxwell 2017 SP3	7.3.92069.3100

Computation	Description	Version
ECO6NeutronDensity	Neutron-Density Processing, ECO 6.75	7.3.92069.3100
ECO6UltrasonicComputation	Ultrasonic Processing, ECO6 6.75	7.3.92069.3100
ECO6Neutron	Neutron Processing, ECO 6.75	7.3.92069.3100
ECO6GammaRay	Natural Gamma Ray Processing, ECO 6.75	7.3.92069.3100

SoftwareVersion_Tool	SoftwareVersion_System Version	SoftwareVersion_Loaded Version
HSPM	20.3c.062	7.3.92069.3100

Tool Elements	Description	Software Version	Firmware Version
DRILLING_SUBBASE	DRILLING_SUBBASE	7.3.92069.3100	

Country: New Zealand
Expedition: 372
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DRILLING_SURFACE	DRILLING_SURFACE	7.3.92069.3100	
DVME	NeoScope 6.75 - Electronics Chassis	7.3.92069.3100	V5.300

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run 1	Drilling	Down	3505.48 m	3636.67 m	26-Dec-2017 10:05:45 AM	27-Dec-2017 2:47:40 AM	Yes

All depths are referenced to toolstring zero

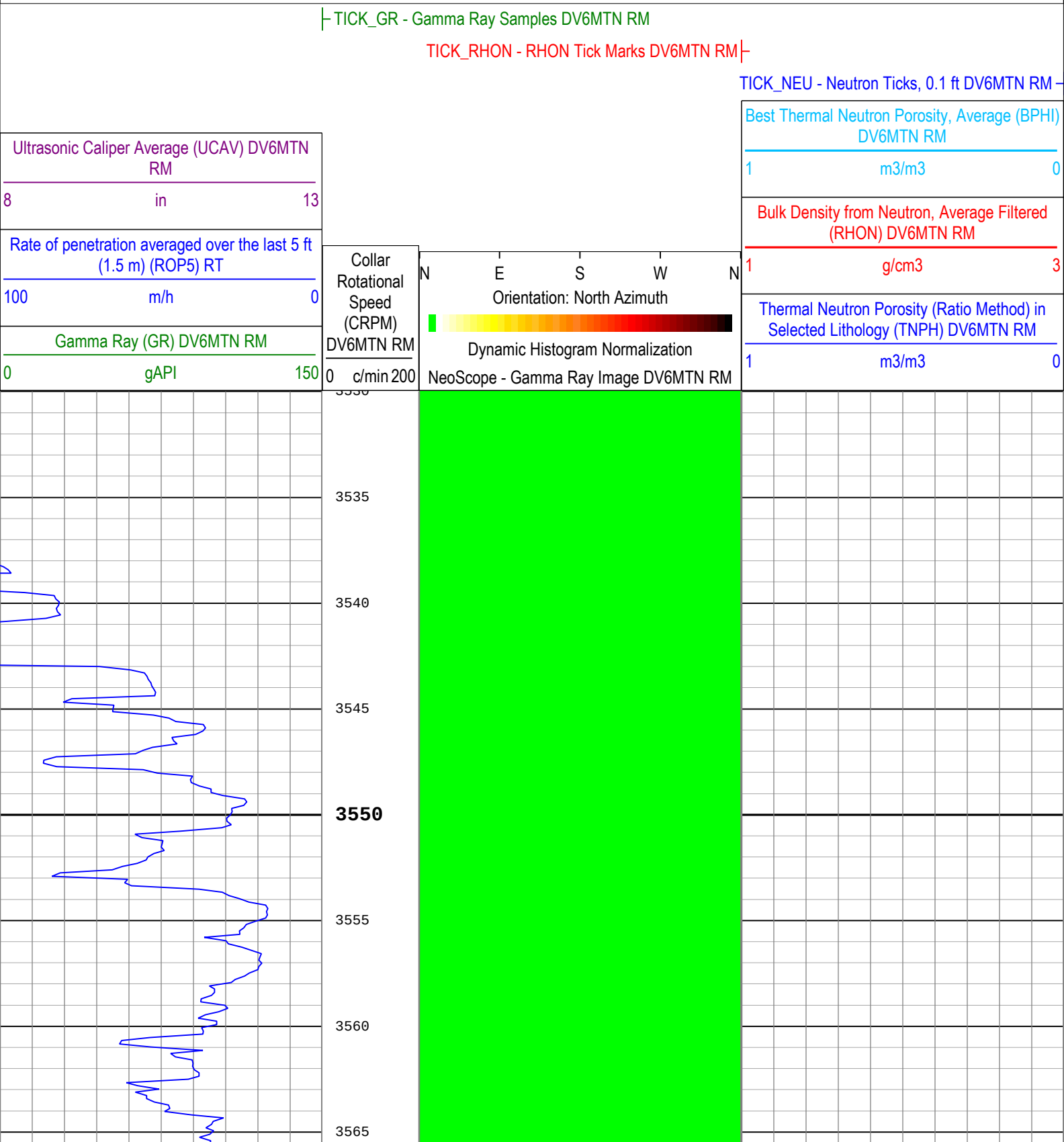
Log

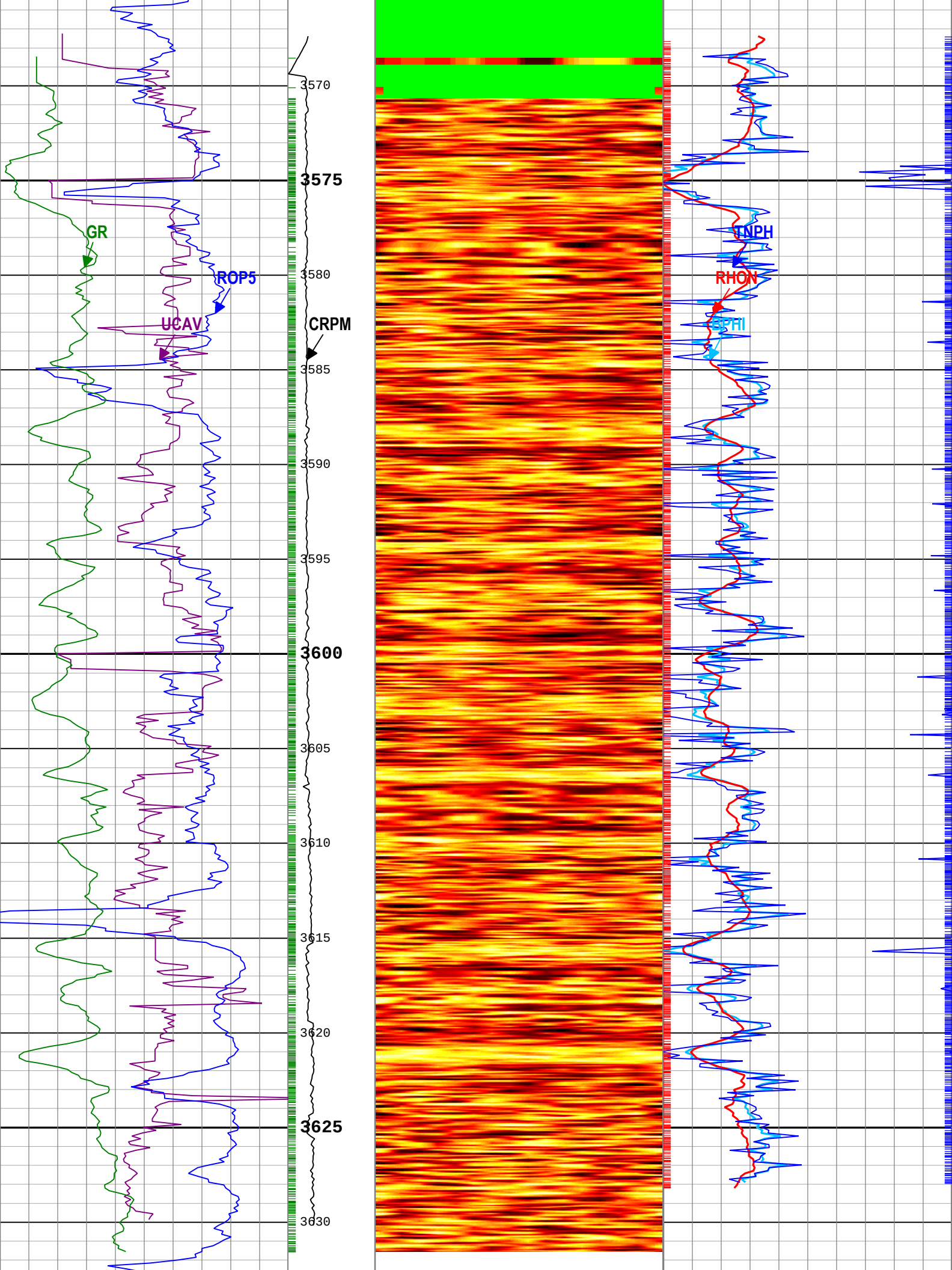
Company:IODP Well:U1520A

Run 1: Drilling:S008

Description: NeoScope Natural Gamma Ray Format: Log (FINAL ECO LOG 2) Index Scale: 1:240 Index Unit: m Index Type: Measured Depth

Creation Date: 31-Dec-2017 19:18:21




GR
ROP5
UCAV
CRPM
TNPH
RHON
EPHI
3570
3575
3580
3585
3590
3595
3600
3605
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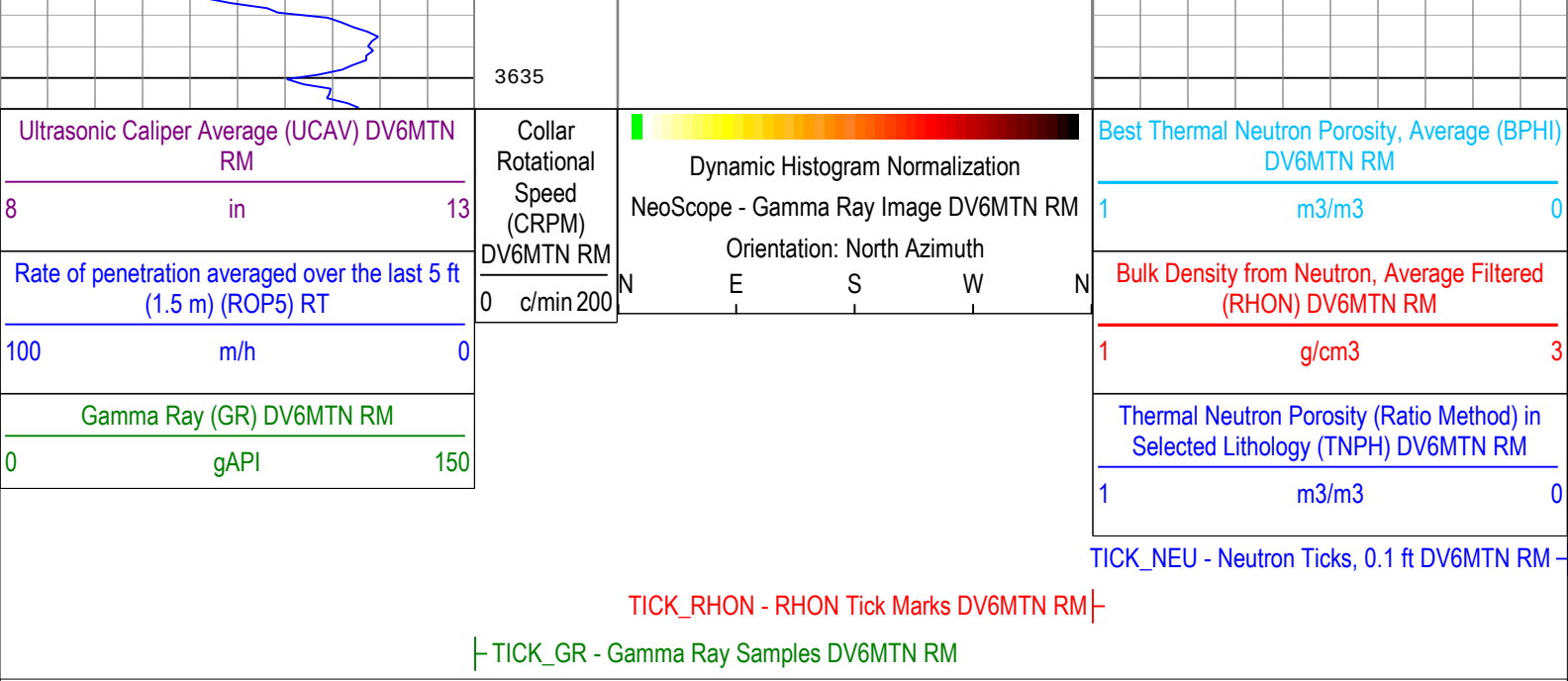
3615
3620
3625
3630



Description: NeoScope Natural Gamma Ray Format: Log (FINAL ECO LOG 2) Index Scale: 1:240 Index Unit: m Index Type: Measured Depth
Creation Date: 31-Dec-2017 19:18:21

Channel Processing Parameters

Run 1: Parameters

Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	2	degC
BS	Bit Size	DNMSESSION	8.5	in
BSAL	Borehole Salinity	Borehole	35000	ppm
CALI_SEL_GR	Hole-Size Correction Source for Gamma-Ray Processing	DV6MTN	GCSE	
CALI_SEL_NEU	Hole-Size Correction Source for Neutron Processing	DV6MTN	GCSE	
CALI_SEL_NGD	Hole-Size Correction Source for Neutron Gamma Density Processing	DV6MTN	Ultrasonic	
CHI	Caliper High Limit from BS (RM)	DV6MTN	10	in
CLO	Caliper Low Limit from BS (RM)	DV6MTN	-5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	8.6	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	180	us/ft
DTMD_DH	Delta-T for Mud Downhole	DV6MTN	180	us/ft
FSAL	Formation Salinity	Borehole	6126.75	ppm
GCSE_RM	Generalized Caliper Selection for DnM recorded mode	Borehole	BS	
GR_O2COR_OPT	Enable Gamma Ray Oxygen Activation Correction	DV6MTN	Yes	
GTSE_RM	Generalized Temperature Selection for Recorded Mode	Borehole	DHAT(RM)	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	LIMESTONE	
NEU_FTUBE_OPT	Far Thermal Tube Selection	DV6MTN	Both	
NEU_NGDC_OPT	Neutron Density Correction Option	DV6MTN	Neutron	
OACF	O2 Activation Correction Factor (RM)	DV6MTN	8	
PRES_SEL_NEU	Pressure Correction Source for Neutron Processing	DV6MTN	Annular	
STOH	Top of Hole Sector	DV6MTN	SECTOR_0	
TEMP_SEL_NEU	Temperature Correction Source for Neutron Processing	DV6MTN	GTSE	

Tool Control Parameters

Run 1: Parameters

Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.3	m

Company: IODP

Well: U1520A

Field: HSM-05A

Rig Name: Joides Resolution

Expedition: 372

Country: New Zealand

Schlumberger

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1:240 Measured Depth

Recorded Mode Data