

## HSM-15A\_A

### SonicScope

#### Compressional Slowness Composite Plot

\* A Mark of Schlumberger

Using the following logs: SonicScope, Neoscope

COMPANY: IODP

WELL: HSM-15A\_A

RIG NAME: Joides Resolution

COUNTRY: New Zealand

Date Logged: 20-Dec-2017 Date Processed: 27-Dec-2017

Surface Location : Longitude: 178° 53' 45.618" E Latitude: 38° 51' 32.202" S

Elevations: DF: 11 m GL: -2637 m

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

Any interpretation, research, analysis, data, results, estimates, or recommendation furnished with the services or otherwise communicated by Schlumberger to the customer at any time in connection with the services are opinions based on inferences from measurements, empirical relationships, and/or assumptions; which, inferences, empirical relationships and/or assumptions are not infallible and with respect to which professionals in the industry may differ. Accordingly, Schlumberger cannot and does not warrant the accuracy, correctness, or completeness of any such interpretation, research, analysis, data, results, estimates, or recommendation. The customer acknowledges that it is accepting the services "as is," that Schlumberger makes no representation or warranty, express or implied, of any kind or description in respect thereto, and that such services are delivered with the explicit understanding and agreement that any action taken based on the services received shall be at its own risk and responsibility, and no claim shall be made against Schlumberger as a consequence thereof.

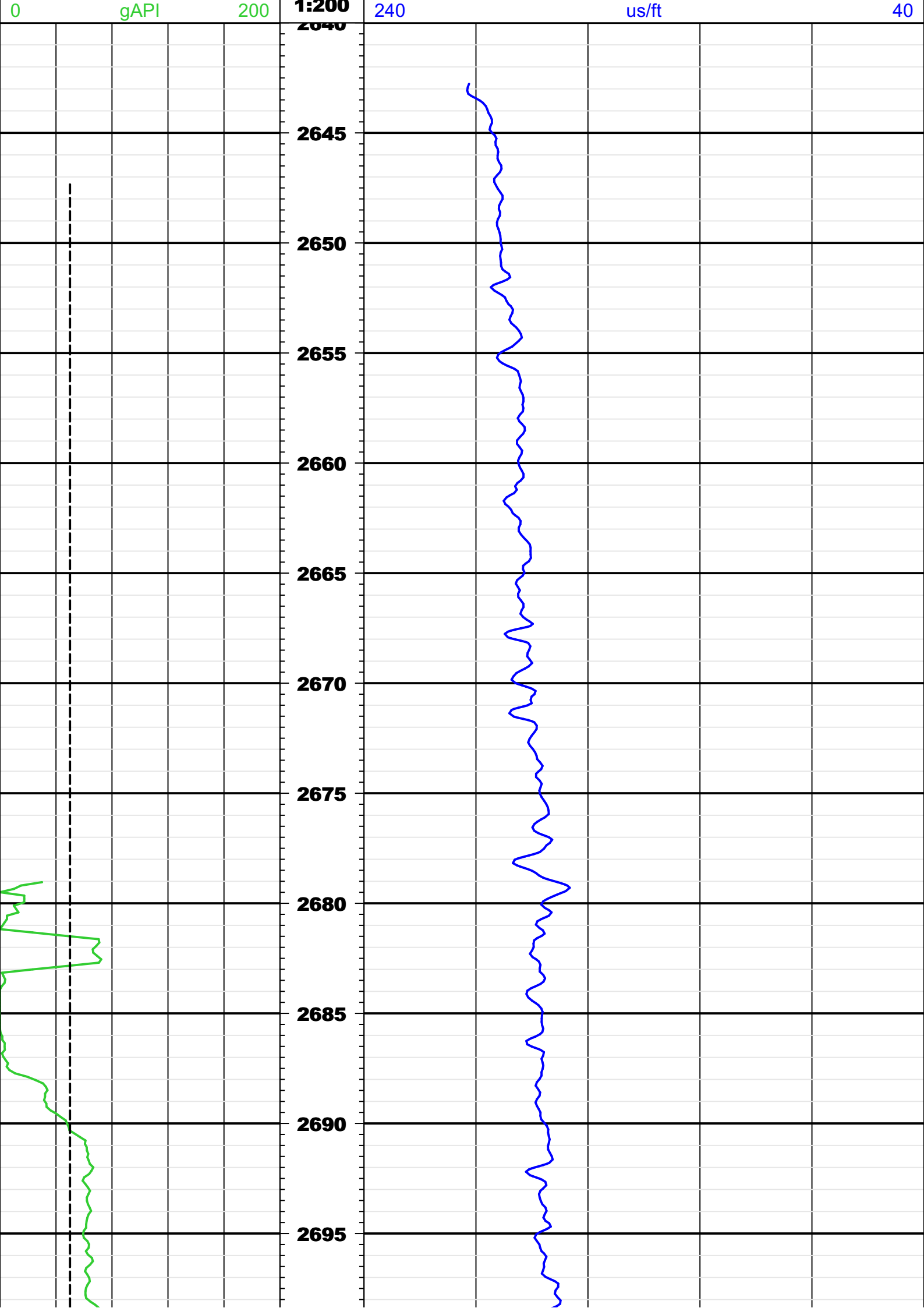
Svc. Order #:	Techlog Vers: 2017.2	Analyst: Onishant	Process Date: 27-Dec-2017
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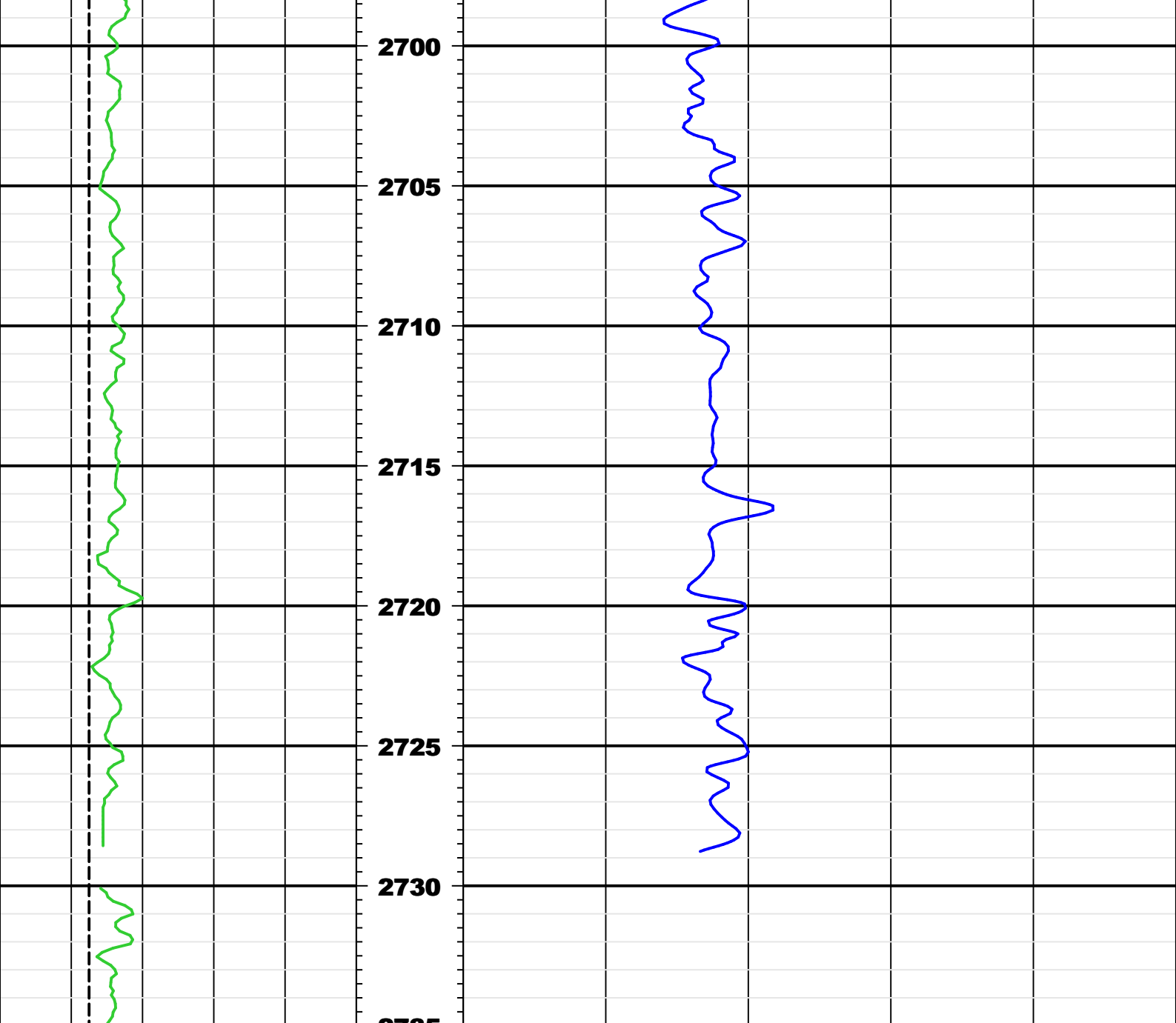
Mud and Borehole Measurements:		
Casing Size:	BHT : 5 degC	Bit Size: 8.5 in
Casing ID:	Type Fluid in Hole: Sea Water	
Casing Weight	Mud density: 8.6 lbm/gal	

**Remarks:**

1. Data might be affected due to borehole condition and mud contamination.
2. Monopole Low (2640-2705m) and High (2700-2735m) waveforms are processed to get formation compressional arrival.
3. The compressional slowness from Monopole Low and High waveforms have been spliced at 2703m (MD).

BS 6 in 16 GRMA	<b>MD</b> <b>(m)</b>	Compressional Delta-T (DTCO)
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BS 6 in 16	<b>MD (m)</b> <b>1:200</b>	Compressional Delta-T (DTCO)
GRMA 0 gAPI 200		240 us/ft 40

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