

**Schlumberger**  
 GEOPHYSICAL  
 INTERPRETATION

**DRIFT  
 CORRECTED SONIC**

Using the following logs: PAK(HALS)DSI

COMPANY: Western Underground  
 WELL: IONIA A3  
 FIELD: IONIA  
 RIG: OPAE #30  
 STATE: VICTORIA  
 COUNTY: AUSTRALIA  
 Date Logged: 13-APR-1999  
 Well Location: Clwyd Basin  
 Date Processed: 10-AUG-99

Elevations: KSI: 134.98m DF: 134.68m QL: 130m  
 API Number: Job Number: 561287

FOLD HERE 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, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any 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.

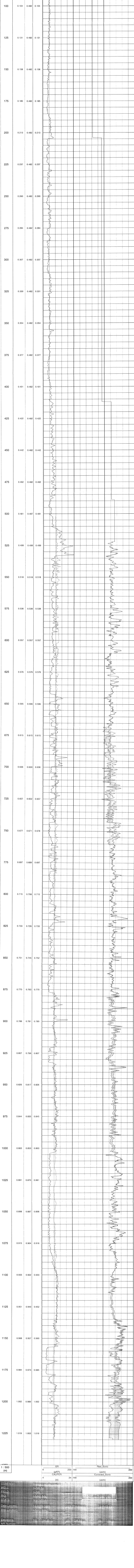
Field Recording:	Location: GEA	Software Version: 8C1-205	Engineer: R.GEHRHARDT / Karthi
Office Recording:	ICS Center:	Baseline: of_3.5	Log Analyst: Yuri Solovoyov

Mud and Borehole Measurements:		
Rm @ Measured Temperature: 0.212ohm m @ 24degC	BHT: 57.7degC	Bitsize: 12.25m
Rmf @ Measured Temperature: 0.182ohm m @ 23degC	Type Fluid in Hole:	KCL/EAZ MUD/POLYMER
Rmc @ Measured Temperature: 0.140ohm m @ 23degC	Mud Density: 1.1g/cm3	

Remarks:

BOLT AIR GUN USED FOR SEISMIC SOURCE. SIZE OF CHAMBER = 200 CU. IN.  
 AZIMUTH OF AIR GUN TO WELL HEAD = 476.5 deg.  
 DISTANCE FROM AIR GUN TO WELL HEAD = 104.2 METERS.  
 ELEVATION OF AIR GUN = 104.2 METERS.  
 ELEVATION OF HYDROPHONE = 104.7 METERS.

Block Shift Correction  
 DT Minimum Correction



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