



X-MULTIPOLE ARRAY ACOUSTILOGSM SEMBLANCE PROCESSING

COMPANY	SANTOS AND PARTNERS			
WELL	CUISINIER 14			

FIELD CUISINIER

RIG NAME SAXON 188 COUNTRYAUSTRALIA - QLD

LOCATION:

LAT: 026 DEG 40' 0785" S

LICENCE: PL 303

ELEVATIONS:

KB - DF <u>115.21 M</u> GL <u>109.91 M</u>

DATE 01-APR-2014 ECC _____

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD					
FROM	то				
0 M	369 M				
369 M	1764 M				
	FROM O M				

CASING RECORD						
SIZE	WEIGHT	GRADE	FROM	то		
9.625 IN	36 LB/F	K55 BT-C	0 M	367 M		

REMARKS

- * FIRST RUN ON CUISINIER 14
- * DEPTH CONTROL AS PER SANTOS DEPTH CONTROL WITHOUT MAGNETIC MARKS
- * TOOLSTRING ZEROED AT TTRM WITH AN OFFSET OF 42.936 M
- * CASING SHOE TIED IN TO DRILLER'S DEPTH OF 367 M
- * TD TAGGED AT 1760 M
- * WELL LAST CIRCULATED AT 18:20 ON 31-MARCH-14
- * MAXIMUM WELL DEVIATION OF 4 DEG @ 1547M (SOURCE: DRILLER)
- * MAXIMUM RECORDED TEMPERATURE FROM THERMOMETERS IS 220 DEG F AT 1709 M
- * ADDITIONAL MUD PROPERTIES:

PV/YP : 19/20 KCL : 4%

CHLORIDES : 26000 MG/L

BARITES : 0.0%

* ACCOUSTIC DATA WERE RECORDED IN INLINE DIPOLE MODE FROM TD TO 1540 M.

PROCESSING NOTES

- *COMPRESSIONAL DATA EXTRACTED FROM MONOPOLE FULLWAVE DATA (8 RECEIVERS).
- *FLEXURAL SHEAR DATA EXTRACTED FROM DIPOLE FULLWAVE (8 RECEIVERS).
- *MONOPOLE (REFRACTED) SHEAR SLOWNESS=DTS (FROM DTSR,DTSX WHERÉ POSSIBLE).

DTC=COMPRESSIONAL SLOWNESS DERIVED FROM WEIGHTED AVERAGE OF DTCR AND DTCX. DTCR=COMRESSIONAL SLOWNESS DERIVED FROM MONOPOLE RECEIVER ARRAY CORRELATION DTCX=COMPRESSIONAL SLOWNESS DERIVED FROM MONOPOLE TRANSMITTER ARRAY CORRELATION.

DTSR=REFRACTED SLOWNESS DERIVED FROM MONOPOLE RECEIVER ARRAY CORRELATION.
DTSX=REFRACTED SLOWNESS DERIVED FROM MONOPOLE TRANSMITTER ARRAY CORRELATION.
DTS=REFRACTED SHEAR SLOWNESS DERIVED FROM WEIGHTED AVERAGE OF DTSR AND DTSX.

DTSD=SHEAR SLOWNESS FROM DIPOLE RECEIVER ARRAY CORRELATION

DT24=FIELD DERIVED COMRESSIONAL SLOWNESS FROM FIRST ARRIVAL METHOD.

Cuisinier 14 Semblance Processing











