



**SIMULTANEOUS
COMPENSATED NEUTRON
FORMATION DENSITY**

COUNTRY *Australia*
 FIELD or LOCATION *Otway Basin*
 WELL *North Paaratte 2*
 COMPANY *Beach Petroleum N.L.*

COMPANY *Beach Petroleum N.L.*
 WELL *North Paaratte # 2*
 FIELD *Otway Basin*
 COUNTRY *Australia*

Location
 Lat. : 38° 33' 07" S
 Long. : 142° 58' 19.5" E

Other Services:
 DLT-MSFL
 R/C-6
 R/C7

Permanent Datum: *M.S.L.* Elev.: *0*
 Log Measured From: *R.T.* Above Perm. Datum
 Drilling Measured From: *R.T.* Elev.: *K.B.*
 D.F. *120.2m*
 G.L. *117.7m*

Date: *9-2-81*

Run No. *1*
 Depth Driller *1603.7m*
 Depth Logger *1604.6m*
 Btm Log Interval *1604.4m*
 Top Log Interval *117.5m*
 Type Fluid in hole *Lignosulfonate:56L*

Salinity PPM Cl. *600*
 P H *1.3* Visc. *4.2*
 Fluid loss *8.5* *7.6*
 Level *Surface*
 Max rec. temp. *59.8C*
 Op. Rig. time *3 1/2 h*
 Time since Circ. *2 1/2 h*
 Max hole dev. *2 1/2 @ 1320m*
 Recorded by *A. Blach*
 Witnessed by *D. HARRISON*

BORE-HOLE RECORD
 RUN No. *1* Bit *3 1/2"* From *1603.7m* To *1603.3m*
 CASING RECORD
 RUN No. *1* Bit *3 1/2"* From *Surface* To *1603.3m*

EQUIPMENT DATA

Run No.	Density Panel	Density Cartridge	Density Skid	Density Sonde	Density Source	Density Calibrator	Neutron Panel	Neutron Cartridge	Neutron Source	Neutron Calibrator	G R Cartridge	Tape Recorder	Memory Panel
1	EJ 1109	ER 928	DB 905	EC 865	R 3056	C 754	AB 151	A 1614	F 568	AB 2235	JAA279	F 845	AB 823

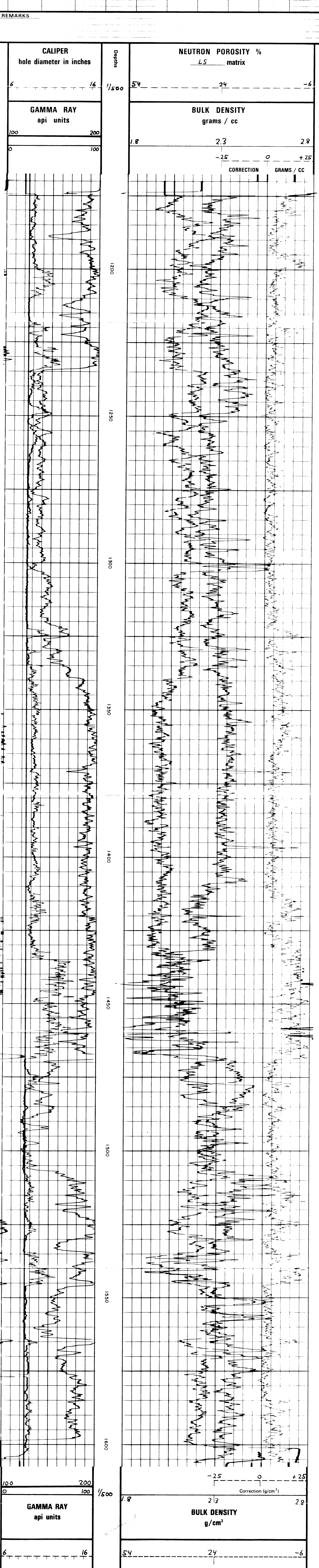
LOGGING DATA

Run No.	Compensated Neutron				Compensated Density							
	Time Constant	Hole Size Setting	Matrix	Porosity Scale	From	To	Time Constant	Liquid Density	Matrix Density	Porosity Scale	From	To
1	2	auto	LS, OH	30 PWH	-	-	2	-	-	-	-	-

CALIBRATION DATA

Run No.	Gamma Ray		Compensated Neutron				Compensated Density					
	C	P	Before Log	Av. CPS	After Log	Av. CPS	Before Log	Av. CPS	After Log	Av. CPS	Long Spacing	Short Spacing
1	30	440	1366	3087	1322	3078	82.8	162.4	83.1	161.5		

REMARKS



**SIMULTANEOUS
COMPENSATED NEUTRON
FORMATION DENSITY**

Schlumberger