

Log Interpretation LA-BELLA-1



Operator: BHP Petroleum
 Permit: VIC P30
 State: Victoria
 Location: 30°00'14.2"S
 142°41'42.9"E
 Log measured from KB
 Permanent datum MSL
 Elevations: DF: 25.3m
 GL: -95.0m



Drilling Mud:
 Rm: 0.089 • 25 deg C
 Rmf: 0.072 • 25 deg C
 Rm: 0.128 • 25 deg C
 Mud SG: 1.22 g/cc
 BHT: 104 deg C

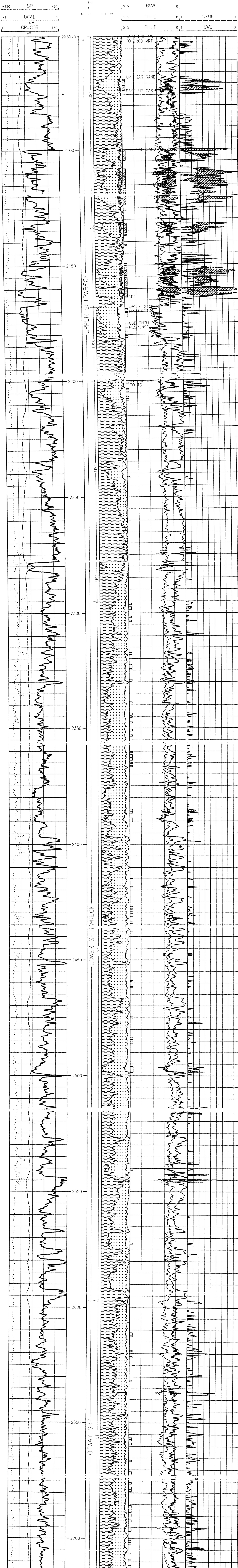
Remarks:
 PEF baryte affected and not used
 Unusual TNPH response immediately
 below gas-water contact
 refer to text for more details

Interpretation Intervals:

Top	2050	2100	2168	2200	2285	2295	2597
Bottom	2100	2168	2200	2285	2295	2597	2715
Name	US1	US2	US3	US4	US5	US1	OT
Rw25 C	0.292	0.659	0.659	0.385	0.385	0.385	0.385

Logs Used:
 LLD LLS MSFL GR CALI SP
 RHOB TNPH DRHO DT
 RAD1 from MMD to 2200 mRT

Analyst: Andy Calcraft



LA-BELLA-1

Mnemonic Nomenclature

LLD Resistivity, Laterolog Deep
 LLS Resistivity, Laterolog Shallow
 RXO Invaded Zone Resistivity, MSFL
 PHIT Total Porosity, incl. bound water
 PHIE Effective Porosity
 SWE Water Saturation, Eff Por System
 SXOE Filtrate Invaded zone SW
 RAD1 Inverted Resistivity from MMD
 RT True Resistivity

BVW
 BVXW
 RW25
 DCAL
 PEF
 RHOB
 GR-COR
 TNPH
 DRHO
 DT

SXOE • PHIE
 SWE • PHIE
 Rw converted to 25 °C
 Differential Caliper
 Photoelectric Log
 Bulk Density
 Env. Cor Gamma Ray
 Neutron Porosity
 Density Correction
 Sonic Travel Time