

CONFIDENTIAL

CLASS 1

AMOCO AUSTRALIA PETROLEUM COMPANY
KOORKAH NO. 1

DISCUSSION BY INTERVAL

12¹/₄" HOLE (Cont'd)

Mud Properties (Cont'd)

Filtration control was initially achieved through the use of DEXTRID and later supplemented with PAC. API filtrate loss values ranged from 5.0 - 7.0 cc/30 min.

Mud solids were maintained at 5 - 7.5% due to the improved efficiency of the solids control system. The section recap yielded a mud dilution factor of 1.21 bbls/ft. This showed that, despite maintaining very acceptable levels of mud solids, usage of premixed mud was kept to a minimum, and further emphasised the importance of an efficient solids control system.

Carbonate contamination was evident below 7000 ft and was treated with additions of Lime.

Below are the ranges of the mud properties through this section.

Density	:	8.8 - 9.3 ppg
Plastic Viscosity	:	12 - 20 cp
Yield Point	:	10 - 15 lbs/100 sq ft
10 sec Gel	:	8 - 15 lbs/100 sq ft
10 min Gel	:	15 - 30 lbs/100 sq ft
API Fluid Loss	:	5 - 7 cc/30 min
HPHT Fluid Loss	:	18 - 21 cc/30 min @ 220°F
Solids	:	5 - 7.5%
Meth. Blue Content	:	18 - 20 ppb
pH	:	10.5 - 11.5

4 ppb Gilsonite and 0.3 ppb HME were maintained in the mud system throughout this interval to control and minimise any shale problems.