

HYDROCARBON SOURCE ROCKEVALUATION STUDYCHAT 1SUMMARY

Organic geochemical analyses performed on cuttings samples between 970m and 3000m from the Chat 1 well have indicated the following:

- sediments shallower than 2000m are immature and pre oil generative. Between 2000m and 3000m sediments are thought to be marginally mature and in the initial stages of hydrocarbon generation.
- the carbonaceous shales and coals show excellent organic richness and are predominantly oil prone.
- appreciable quantities of hydrocarbon are unlikely to have been sourced from the sediments penetrated by Chat 1 at present. However at greater thermal maturities the shaley horizons are considered to be excellent oil and gas sources.



STEVE CADMAN  
April, 1986