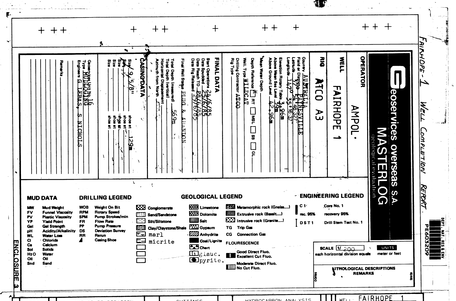

WELL FAIRHOPE 1
SHEET 1 OF 4
DATE JUNE 1985

LITHOLOGICAL DESCRIPTIONS
ENGINEERING REMARKS

WCL DATA (typical)

RATE OF PENETRATION
Metres/hr
Min/metre

CUTTINGS LITHOLOGY
%

HYDROCARBON ANALYSIS
Total Gas
Methane (C1)
Ethane (C2)
Propane (C3)
i-Butane (iC4)
n-Butane (nC4)

DEPTH metres

0-3m
SAND,UNCONSOLIDATED,SHELL FRAGS.

3-185m
Recent-Pliocene?
Heavily faunal; unconsolidated to ~5-11 cry,coarse & organism com, occ silicified & calcareous fragm, rr glauc.

Quartz gr com chrse,med,l,rnd.

Micrite:cry-crm,pred in unwashed only.

185-195m
UPPER OLIGOCENE FAULT DUPLICATE

Marl: o/a,micritic, rr pale gn glauc,rr crm oolites,rr musc, contains abd micro fossils:mainly micro forams,ostracods, echinoid spines,bivalves,gastropods,rr ammonites) occ v dull yellow mineral fluorescence.

185-279m
LOWER OLIGOCENE

MARL:A/A,incr micrite component..bell frags aff as-base,frequ little reworking)

279-305m
Tr:ARENACEOUS LIME-STONE:cry,mod ind, glauc,mil vis W.

305-415m
CHATTIAN/LATE EARLY OLIGOCENE(PROBABLY EARLY Marl:A/A,abd micrite lower 50%,more cohesive, f gn,mil vis W.

415-465m
Micrite RICH MARL WITH FAINT LAMINATIONS OF CHALKSTONE.

Marl:A/A,cohes,cohen, abd fos: frags,rr pyr rr glauc,rr quartz gr crse,trnsl,rnd.

CHALKSTONE:cry,soft,subfiss i/p.

465-475m
MARLSTONE

MARLSTONE:dkbrn/dkgy i/p, pr vis W.

Marl:o/a,occ forams.

475-479m
Marl/Chalkstone

Chalkstone:cry-crm,sft, poor-mod ind,subfiss i/p,mil vis W.

MARL:A/A,pyr.

CHALKSTONE:A/A,abd glauc.

Sandstone

SANDSTONE:red-brn,f gr, pr ind,abd red org mtrx,microcarb i/p, glauc i/p,mil inf W.

479-550m
CRETACEOUS

CRETACEOUS:fresh trnsl-ucr,sft,felds-rr,chlorite i/p,tr.

TD 550m

USE WITH HEADING SHEET WLN 01-

WLN - 01 - A