FIGURE 5

JANUARY 1986

ANA-LOG

HYDROCARBON SOURCE ROCK EVALUATION

AMOCO AUSTRALIA PETROLEUM COMPANY

YOLLA 1

LIME
DOLOMITE
CLAY
SILT
SAND
COAL
IGNEOUS
META
EVAPORITE

IN METRES ■ IN FEET □

SAMPLE TYPE
■ CUTTINGS
□ CONV. CORE
□ SWC

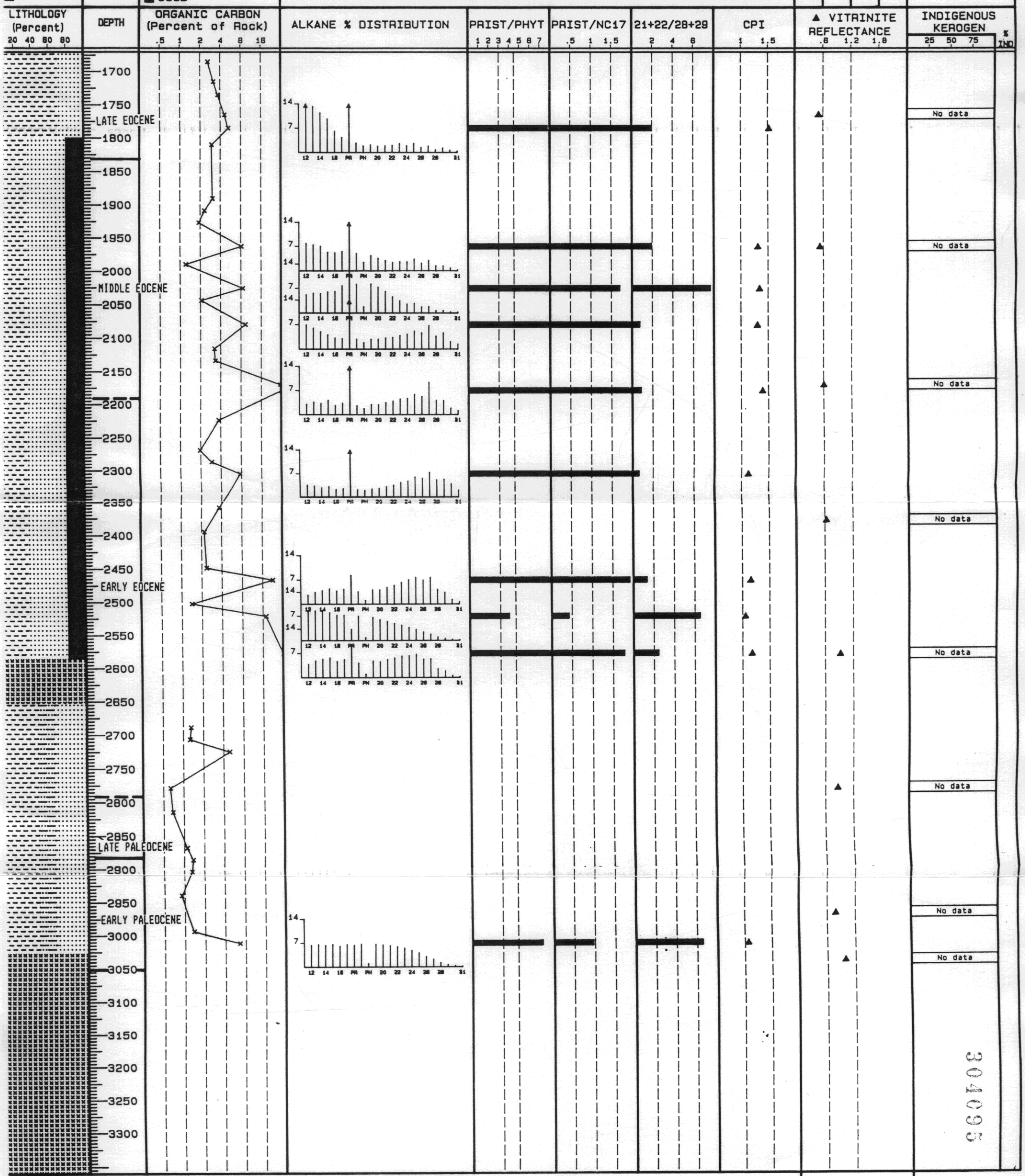
SAMPLE QUALITY
□ POOR
□ FAIR
■ GOOD

C_{12+} SATURATE GAS CHROMATOGRAPHY

Prist/Phyt	Environment	Prist/NC17 Rock	Prist/NC17 Oil	Environment	C21+C22 / C28+C29	Environment	CPI	Environment
< 3.0	Reducing	< 1.0	< 0.5	Open Water	> 1.5	Marine and/or Mature	<= 1.1	Marine and/or Mature
3.0 - 4.5	Mixed	1.0 - 1.5	0.5 - 1.0	Restricted	1.2 - 1.5	Mixed	> 1.1	Terrestrial and/or Immature
> 4.5	Oxidising	> 1.5	> 1.0	Coal Swamp	< 1.2	Terrestrial and/or Immature	CPI Carbon Preference Index	

PRE OIL WINDOW | OIL WINDOW | WET GAS/COND | THERMAL C_1

INDIGENOUS KEROGEN
□ ALGINITE
▤ EXINITE
▨ VITRINITE
■ INERTINITE
OIL / GAS



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