

UND-ARJIVIT	
No: 28	
	ND

June 1982

RKER 82.195

MATURITY ANALYSIS ON COAL SAMPLES FROM
CORES FROM WELL 30/6-3 , NORWAY

by

G. Konert and J.M.A. Buiskool Toxopeus

code : 774.103

Investigation

9.12.523

This **CONFIDENTIAL** report is made available subject to the condition that the recipient will use the information contained therein for his own business only and will not divulge it to third parties without the written authority of the sponsoring party.

Copyright is vested in Shell Research B.V.

KONINKLIJKE/SHELL EXPLORATIE EN PRODUKTIE LABORATORIUM

RIJSWIJK, THE NETHERLANDS

(Shell Research B.V.)

CONTENTS

page

I	Introduction	1
II	Results and discussion	2

Table I Vitrinite data

I INTRODUCTION

Maturity measurements on coal samples from cores from well 30/6-3 have been carried out.

The carbonisation of strata can be expressed in terms of percentage reflectance of vitrinite. It is determined by measurement of the reflectance of polished telocollinite particles. Often telocollinite is not present and telinite or desmocollinite was used to estimate the degree of carbonisation.

II RESULTS AND DISCUSSION.

The results are listed in Table I.

All samples contain common to abundant telinite. In addition samples 2424.5 , 2426.0 , 2428.2 and 2449.3 m contain few to common desmocollinite. The V_R of telinite , measured in all samples , ranges from 0.65 to 0.72 .,

DATA ON VITRINITE

sample 2424.5 m : Abundant telinite
Few desmocolinite
Fluorescent telinite
VR telinite ± 0.67

2426.0 m : Fluorescent telinite
VR telinite $\pm 0.70 - 0.72$ (0.71)
Common telinite
Few desmocolinite

2428.2 m : Abundant telinite
Few desmocolinite
VR telinite ± 0.70

2449.3 m : Common telinite
VR telinite $\pm 0.65 - 0.70$ (0.68)
Common desmocolinite

2453.0 m : Fluorescent telinite
Abundant telinite
VR telinite $\pm 0.65 - 0.72$ (0.65)

TABLE I