

6609/5-1



ADDRESS	KJELLER N-2007 Kjeller, Norway	HALDEN N-1751 Halden, Norway	AVAILABILITY Private Confidential
TELEPHONE	+47 2 712560 - 713560	+47 31 83100	
TELEX	74 573 energ n	76 335 energ n	
TELEFAX	+47 2 715553		

REPORT TYPE	REPORT NO. IFE/KR/F-85/154	DATE 1985-11-12
	REPORT TITLE CARBON ISOTOPE ANALYSES OF 6 EXTRACTS	DATE OF LAST REV.
		REV. NO.
	CLIENT Statoil	NUMBER OF PAGES 2
CLIENT REF. T-6269, No. 61 Trygve Meyer	NUMBER OF ISSUES 13	

<p>BA-85-4013-1</p>		DISTRIBUTION Statoil (10) Råheim, A.
---------------------	--	--

KEYWORDS

NAME	DATE	SIGNATURE
PREPARED BY Arne Råheim	1985-11-12	<i>Arne Råheim</i>
REVIEWED BY		
APPROVED BY Karen Garder	1985-11-12	<i>Karen Garder</i>

1. INTRODUCTION

6 saturate and 6 corresponding aromate samples were received 6th November 1985. The samples are all from a potential reservoir rock.

2. ANALYTICAL PROCEDURE

After combustion, the isotopic measurements were performed on a Finnigan Mat 251 mass spectrometer. Our $\delta^{13}\text{C}$ value on the NBS 22 standard is -29.77 ± 0.06 o/oo.

3. RESULTS

The carbon isotope results are given in the table below.

Depth in m	Saturates	Aromates
3009.00	-28.2	-27.4
3011.17	-28.7	-27.5
3012.20	-28.3	-28.4
3016.52	-29.1	-28.7
3017.18	-30.6	-28.1
3019.51	-28.6	-26.9