

ELF R.E.  
D. EXPLOR.  
DEPARTEMENT GEOLOGIQUE CENTRAL  
LABORATOIRES

WELL CERO 7/8-2 (NORGE)

⑨

REFLECTANCE OF INSOLUBLE ORGANIC MATTER

2035 n° 4/1007 R  
/ca

P. ROBERT  
September 1974

Reference : Order No. 031012

This study was carried out by the D<sup>t</sup>.G.C. - Laboratory at the ELF R.E. Research Center of Bousens.

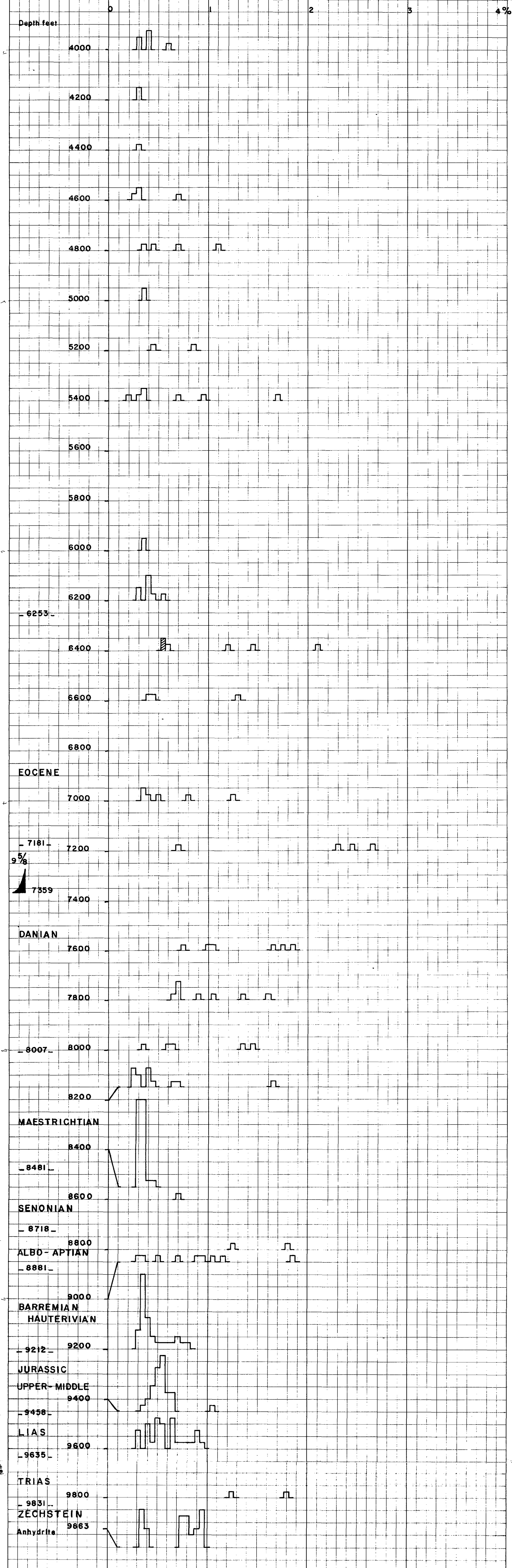
You have already been sent the following documents relating to the same order :

- J. DUCAZEAUX : Report No. 4/971 R -  
Well 7/8-2 (NORGE) -Palynological report.

The well has been analysed from the Tertiary (4000') to the Zechstein (9863') by means of 31 samples of drill cuttings.

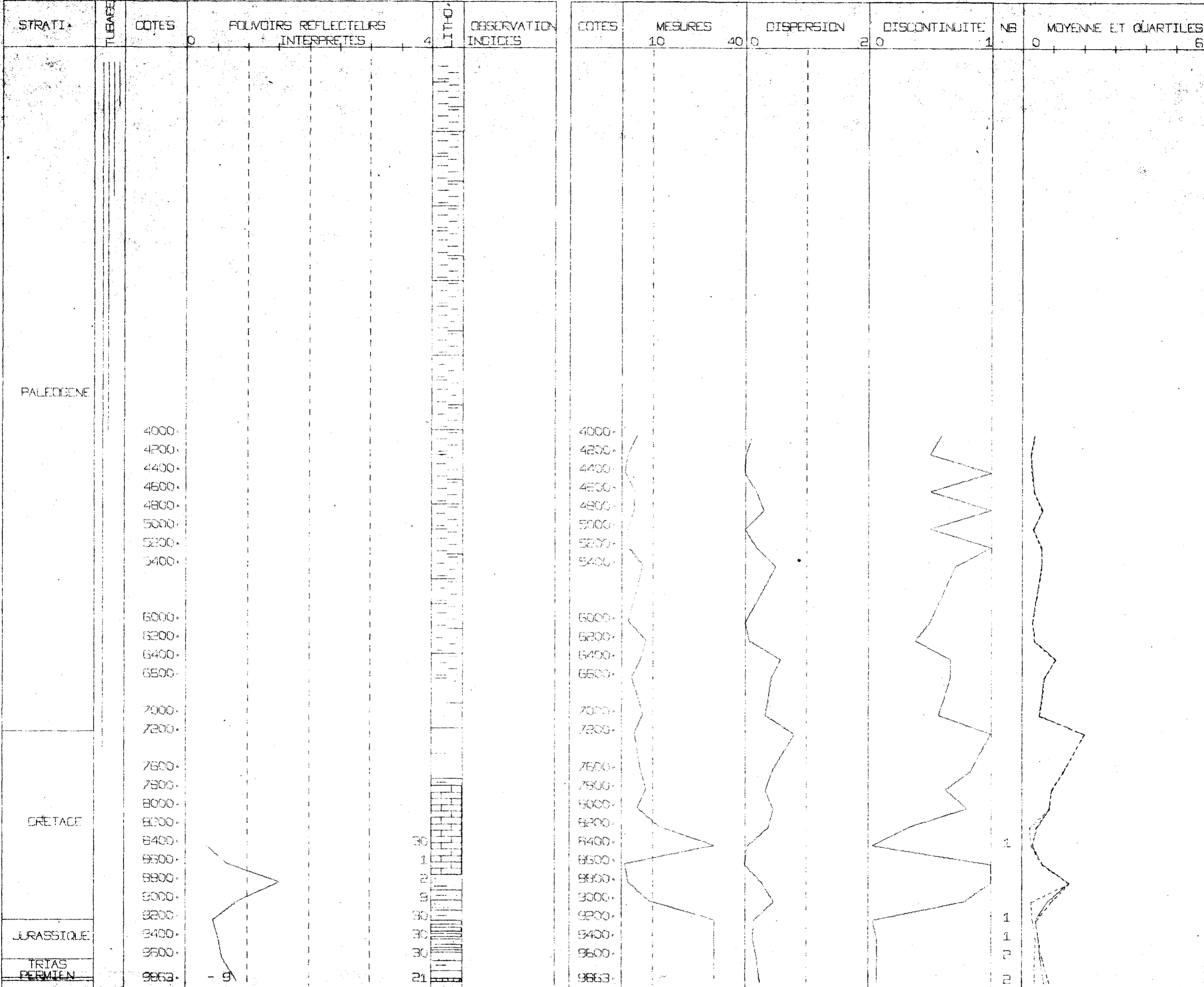
The whole Tertiary upper section - Danian and upper Maestrichtian - is poor in organic particles and provides a very scattered and unutilizable reflectance log. On the contrary, the underlying condensed part of Mesozoic, from 8400 to 9600' - Senonian to Lias - shows a fairly continuous succession of coal reflectance histograms, and a regular increase from 0.30 to 0.60 %, this progression reaching 0.80 - 0.90 % in the sample of Zechstein at 9863'.

This fast increase from 8000 to 10.000' and the Zechstein over-diagenesis (versus depth) is possibly to be linked with a geothermal anomaly due to the conductivity of the underlying salt-dome.



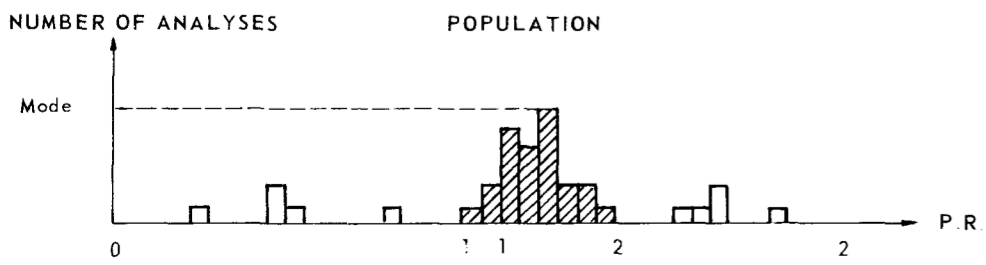
□ Coals  
▨ Bitumens

	Secteur NORVEGE Opérateur Permis de Concession	
	<b>WELL CERO 7/8-2</b> <b>ORGANIC MATTER REFLECTANCE</b>	
Echelle 1/ 0000000		Date Sept 74
ON ENTREPRISE DE RECHERCHES ET D'ACTIVITES PETROLIERES DIRECTION EXPLORATION LABORATOIRE		PL.1 P.ROBERT N°classé 7704



- + Bitumen
- Vitrinite allochthonous
- \* Bitumen allochthonous
- Derived cuttings

STATISTICAL PARAMETERS OF THE REFLECTANCE HISTOGRAMS



Total number of measurements = 33  
 Number of measurements taken into account for calculation of the average = 23  
 $x_1$  and  $x_2$  = Limit-values of reflectance of the population  
 Number of groups of measurements = 6

For the histogram as a cohole:  
 Dispersion = of "disparate" type reflectance  
 Discontinuity = number of groups of measurements - number of measurements in main group  
 Number of populations = 1  
 Quartiles 25 and 75

For the chief population  
 Average = average reflectance

	Secteur NORVEGE	
	Opérateur	
<b>WELL CERO 7/8-2</b> <b>STATISTICAL REPRESENTATION</b> <b>OF THE RESULTS OF ANALYSIS</b>		
Echelle 1/ 000000		
ENTREPRISE DE RECHERCHES ET D'ACTIVITES PETROLIERES DIRECTION EXPLORATION LABORATOIRE		Date Sept 74 Auteur Y.DAGENS N°classif 7705
		PL.2