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Title

GEOCHEMICAL DATA REPORT FOR WELL 15/12-3

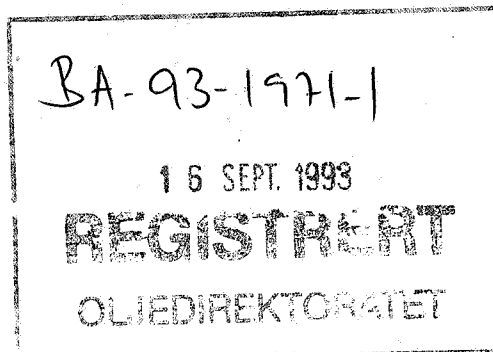
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Abstract

Eleven samples from the cored interval in well 15/12-3 have been analysed by Iatroscan (TLC-FID) and the saturated hydrocarbon fractions from 2 samples were analysed by GC-FID and GC/MS. The aromatic hydrocarbon fractions were also analysed by GC-FID.

NOT INCLUDED IN WELL TRADE.



Key Words

15/12-3, geochemistry, GC-FID, GC/MS, Iatroscan

Classification: Free Saga and partners Internal Confidential Strictly confidential

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1 Objectives

The objective of this study was to characterise the extractable hydrocarbons in eleven core samples from well 15/12-3.

2 General well information

The wells were drilled by Statoil as operator of licence 038 from 21.6.80 to 22.12.80 and reached a total depth of 4450 mRKB. The KB of the rig was 25 metres, and the water depth was 86 metres.

3 Samples and analytical scheme

Eleven samples were picked from the cored interval in the wells on the 7th of September 1992. All samples were analysed by Iatroscan (TLC-FID), and the saturated hydrocarbon fractions from two samples were analysed by GC-FID and GC/MS. The aromatic hydrocarbon fractions were also analysed by GC-FID.

4 Vitrinite reflectance

No samples were analysed.

5 TOC and Rock Eval

No samples were analysed.

6 Iatroscan (TLC-FID)

Eleven samples were analysed, and the results are tabulated in table 1.

7 GC-FID

The saturated and aromatic hydrocarbon fractions from eleven samples were analysed by GC-FID. Since the evaporative loss has affected the relative concentration of individual compounds, no ratios were calculated. The GC-FID chromatograms are shown in figure 1.

8 GC/MS

The saturated hydrocarbon fraction from the samples were analysed by GC/MS and the mass chromatograms for m/z 191, 177, 217 and 218 are shown in figure 2.

9 Stable carbon isotopes

No samples were analysed.

SAGLAB RESULTS MANAGEMENT : EXTRACTION ANALYSIS RESULTS in mg/g Rock

Data for Well 15/12-3

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Type	St.Depth	En.Depth	Weight (g)	EOM mg/g Rock	EOM mg/g TOC	Sat (mg/g)	Aro (mg/g)	NSO (mg/g)	Asph (mg/g)	Polars (mg/g)	TOC (%)	M/I
CUT	4357.00	4360.00	2.41	66.46		41.94	16.07			8.45		I
CUT	4360.00	4363.00	3.03	65.28		41.06	17.16			7.16		I
CUT	4363.00	4366.00	2.67	47.73		30.17	10.86			6.70		I
CUT	4366.00	4369.00	2.71	44.48		27.91	7.26			9.31		I
CUT	4369.00	4372.00	3.03	44.77		29.11	9.26			6.41		I
CUT	4372.00	4375.00	2.53	48.35		30.36	8.68			9.31		I
CUT	4377.00	4380.00	2.99	45.20		29.21	7.72			8.28		I
CUT	4385.00	4388.00	2.43	48.33		31.25	11.00			6.08		I
CUT	4400.00	4403.00	2.40	63.08		33.65	13.81			15.62		I
CCP	4424.90	4424.90	2.18	0.30		0.16	0.00			0.14		I
CCP	4427.60	4427.60	2.84	0.31		0.08	0.00			0.23		I
Averages this Well:				43.12	0.00	26.81	9.26	0.00	0.00	7.06	0.00	
Averages all Wells:				43.12	0.00	26.81	9.26	0.00	0.00	7.06	0.00	

11 RESULT(s) selected ..., from the following search criteria:

Nat: NOR, Well: 15/12-3, Depth
between: 0.000 and 99999.990 m