

10.40088

SCANNED

**MID NORWAY
GEOTHERMOMETRIC DATABASE**

PRELIMINARY DATA PACKAGE

**PETROLEUM GEOCHEMISTRY
MATURITY AND SOURCE ROCK
EVALUATION DATA**

APRIL 1998

CONTENTS

PETROLEUM GEOCHEMICAL DATA

Petroleum geochemical data for samples from the following wells are provided:

6406/3-1
6406/3-2
6406/6-1
6406/11-1S
6407/1-3
6407/2-1
6407/4-1
6407/6-4
6407/7-3
6407/7-1S
6407/9-1
6407/9-4
6408/4-1
6506/11-2
6506/12-1
6506/12-3
6506/12-5
6506/12-6
6506/12-8
6507/2-1
6507/3-1
6507/7-1
6507/7-5
6507/7-6
6507/8-4
6507/10-1
6507/11-2
6507/11-3
6507/12-1
6507/12-3
6608/10-2
6608/10-4
6609/10-1
6610/3-1R

6507/7-6

TABLES

- 1 Maturity and kerogen composition data
- 2 Summary of chemical analysis data
- 3 Alkane gas chromatography data

FIGURES

- 1(1-2) Histograms, data and statistics for vitrinite reflectivity
- 2(1-6) Alkane gas chromatograms

COMPANY: MID NORWAY

WELL: 6507/7-6

LOCATION: MID NORWAY

GENERAL DATA			MATURITY DATA		KEROGEN COMPOSITION DATA						
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	SPORE COLOUR INDEX	VITR. REFL. R oil av %	% (Visual, from microscopy)			% (Calculated)			
					INERTINITE	VITRINITE	SAPROPEL	INERT	VIT	ALG SAP	WKY SAP
2368.6	Core	MDST, dk gy+ 30% COAL	4.0-4.5 7.0 R	.47(50)	20	65	15				
	P	COAL		.45(42)							
2373.10	Core	COAL									
	P	COAL									
2389.5	Core	MDST, brn-gy	5.0 7.0 R	.53(47)	25	75	Mnr				
2400.0	Core	MDST, dk gy	5.0 7.0 R	.49(19)	15	70	15				
2430.20	Core	COAL									
	P	COAL									
2445.8	Core	COAL	5.0	.49(55)	20	80	Mnr				

MATURITY AND KEROGEN COMPOSITION DATA

TABLE : 1A

COMPANY: MID NORWAY

WELL: 6507/7-6

LOCATION: MID NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC		ALK.
												%OC	%EX	%HC
2146.1	Core	MDST, med-dk gy	.80											
2368.6	Core	MDST, dk gy+ 30% COAL	13.10	428	150	30	.07	19690						
	P	COAL	30.90	429	184	26	.05	56920						
2369.3	Core	SST, mod yel-brn	-						21315	11445			54	79
2372.5	Core	MDST, brn-gy	2.21											
2373.1	Core	COAL	50.40	428	80	49	.09	40340	7180	2385	1.4	5	33	30
2379.0	Core	MDST, brn-gy	1.78											
2383.6	Core	MDST, med-dk gy	9.97	424	214	48	.14	21290	4460	1325	4.5	13	30	42
2385.0	Core	SST, mod yel-brn	-						25600	14285			56	76
2389.5	Core	MDST, brn-gy	1.62											
2400.0	Core	MDST, dk gy	5.38	426	119	34	.11	6420						
2402.0	Core	SST, mod yel-brn	-						24540	11975			49	81
2410.1	Core	MDST, med-dk gy, slty	2.48											
2412.6	Core	COAL	57.90	427	95	32	.11	55090	8080	2400	1.4	4	30	26
2430.2	Core	COAL	47.85	424	144	45	.04	68820						
2439.9	Core	MDST, lt brn-gy	1.22											
2445.4	Core	MDST, brn-gy	2.96											
2445.8	Core	COAL	42.20	427	144	35	.05	60760	6120		1.5			

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 2A