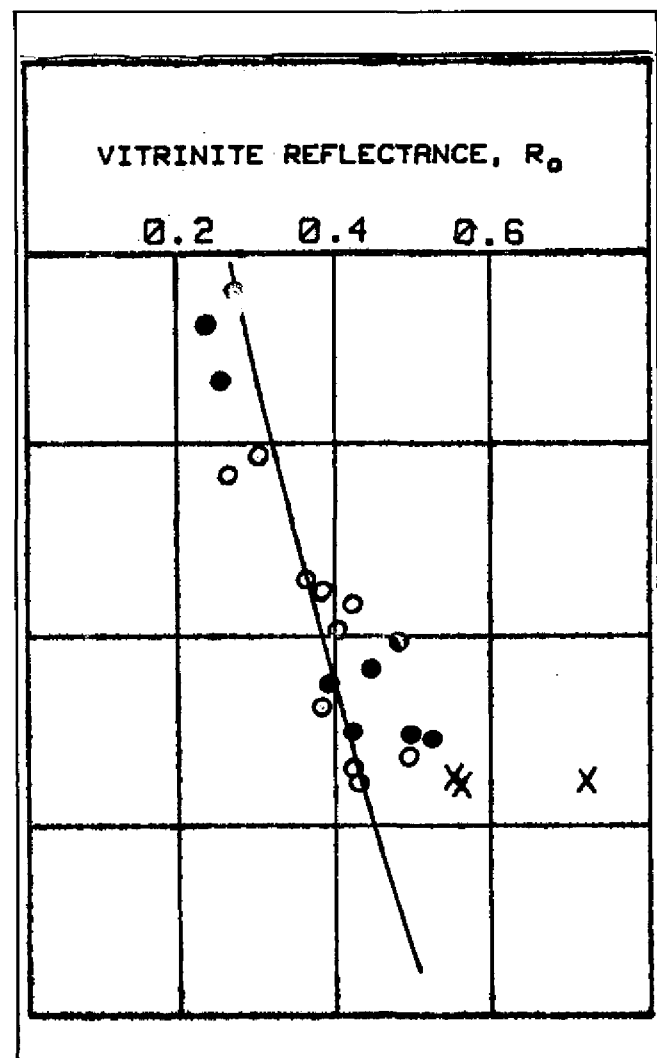



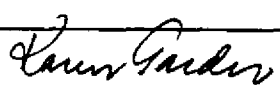
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# VITRINITE REFLECTANCE

Wells 34/7-1,2 and 3

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ADDRESS KJELLER HALDEN N-2007 Kjeller, Norway N-1751 Halden, Norway TELEPHONE +47 2 712560 - 713560 +47 31 83100 TELEX 74 573 energ n 76 335 energ n TELEFAX +47 2 715553		AVAILABILITY  Private Confidential
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	REPORT TITLE  MATURITY STUDY USING VITRINITE REFLECTANCE, WELLS 34/7-1, 2 AND 3 OFFSHORE NORWAY	DATE OF LAST REV.  REV. NO.
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SUMMARY  The maturity of the wells 34/7-1, 2 and 3 has been evaluated using vitrinite reflectance. The conclusions are:  The increase in vitrinite reflectance with depth is steep and continuous reaching the top of the immature transitional zone ( $R_o = 0.35$ ) at 1800 m and the early mature zone ( $R_o = 0.55$ ) at 3100 m.		DISTRIBUTION  Saga Petroleum 10 T.O. Throndsen
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I N N H O L D S F O R T E G N E L S E

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## 1. MATURITY

This account describes the results from a maturity study, using vitrinite reflectance, undertaken on wells 34/7-1, 2 and 3 offshore Norway. The study is carried out on sidewall cores and conventional cores exclusively. This sampling procedure has been relatively successful yielding material of acceptable quality for vitrinite reflectance analysis.

### 1.1 Maturity profile

Vitrinite reflectance versus depth profiles are presented in Appendix together with further sample details and some characteristic maturity features.

Koch (1974) mentioned that to draw a fully reliable vitrinite reflectance versus depth gradient, which should be the goal of every maturity study using vitrinite reflectance, it is preferential to have at least two reliable data points every 100 m. The data coverage presented in this report does not fulfill this demand. This is due to unfavourable lithologies in certain intervals barren of reliable vitrinite particles. This should be kept in mind when the reliability of the maturity gradient is considered. The average curve drawn through the profile is weighed against the good quality data and from general experience from the area. Extrapolation of the average curve to the sea bed indicates a hypothetical minimum value of  $R_o = 0.20$  which is suggested by Dow (1977) to be the absolute minimum value close to the surface.

In all three wells the vitrinite reflectance increases continuously and steeply with depth reaching the top of the immature transitional zone ( $R_o = 0.35$ ) with possibilities for some early wet gas generation (Heroux et al. 1979, Leythaeuser et al. 1979, Connan and Cassou, 1980) at approximately 1800 m and the early mature zone ( $R_o = 0.55$ ) around 3100 m.

## 2. METHODICAL ASPECTS

### 2.1 General

The vitrinite reflectance method has proven to be an indispensable tool in organic geochemical studies, and particularly in source rock studies for the assessment of the hydrocarbon maturation potential. The method has also proven to be a useful tool in solving certain geological problems related to geothermal effects. It is when properly interpreted probably the best maturity indicator available today: It is discriminatory, measurements are carried out by photometry providing objective, accurate and highly reproducible data, it is useful over a very wide range of maturation and is particularly useful in the maturation range of interest in exploration for hydrocarbons, it is applicable to most sedimentary rock types, it has largely been standardized for the last 20 years, correlated with physical and chemical parameters of coals and hydrocarbon generation in source rocks, and thoroughly tested on an international scale to provide a high degree of accuracy and reproducibility. The method and various aspects have been described by McCartney and Ergun (1958, 1967), Kötter (1960), Murchison (1964), De Vries and Bokhoven (1968) and Teichmüller (1971). Various aspects of the application of vitrinite reflectance to vitrinitic material finely disseminated in clastic sediments have been thoroughly treated by Bostick (1971, 1979), Bostick and Foster (1975), Dow (1977), Robert (1980) and Teichmüller (1971). A paper by Bostick and Alpern (1977) explains the principles of sampling, preparation and constituent selection for vitrinite reflectance measurements.

The vitrinite reflectance method was originally designed for rank determinations on coals which offer the ultimate sample quality for such studies: coals, unless weathered, thermally affected or of very low rank, provide nearly always excellent and very reliable vitrinite reflectance data. When the method was extended from coals to finely

disseminated organic material in clastic sediments, a huge advance was made in the practical applicability of the method especially concerning source rock studies. This important extension, however, introduced certain limitations which it is important to be aware of when vitrinite reflectance data obtained from clastic sediments are to be interpreted. Vitrinite reflectance data of this type which are reliable and readily interpreted, are relatively rare, poor and even barren samples are very frequent. This is due to a number of factors including type of lithology selected for study, small particle size, poor particle quality, bitumen staining, low reflecting vitrinite, weathering, lack of vitrinite, difficult identification of vitrinite, high pyrite contents and cavings.

## 2.2 Techniques used in this study

Normal palynological preparation techniques were used to concentrate the organic matter from the sediments. Crushed samples were dissolved in hydrofluoric acid after any carbonates had been removed with hydrochloric acid and washing. The samples were not subjected to any oxidative or heating treatment. The remaining organic residues were then embedded in a cold setting epoxy resin to make briquettes, which were subsequently ground flat and polished.

Equipment used was a Zeiss MPM 03 photometermicroscope. Viewing and measurements were made through a Zeiss Epiplan-Neofluoar 40/0.90 oil objective using oil immersion with refractive index  $n = 1.518$ . Measurements were made through a green filter with peak transmission at 546 nm, and the photometer sensitive field was about 2.5  $\mu\text{m}$  in diameter. For photometer calibration a Schott safir glass-standard with reflectance of  $R_0 = 0.588$  was used. The readings were carried out using a stationary stage. This has become more or less standard in vitrinite reflectance determinations on clastic samples. It is far less time consuming, permits smaller particles to be measured and the results obtained do not deviate significantly from those obtained using a rotating stage as long as the vitrinite reflectance values

stay below  $R_o = 1.4$  (De Vries and Bokhoven, 1968). None of the samples analysed in this study exceeded this value. On each sample as many particles as possible up to 50 were measured. The readings were presented in histograms, a representative population was selected for each sample from observations made during measuring, and an arithmetically mean was calculated from this population and interpreted as the representative vitrinite reflectance value.

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#### 4. ABBREVIATIONS IN APPENDIX TABLES

swe	-	sidewall core
core	-	conventional core
clst	-	claystone
-	-	sample without any vitrinite
HF	-	sample preparations of HF-residue



## WELL 34/7-1

-----  
VITRINITE REFLECTANCE

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro	Preparation
SA 11	1102.0	swc	clst	0.27 (41)	HF
SA 8	1155.0	swc	clst	-	HF
SA 7	1180.0	swc	clst	0.23 (11)	HF
SA 4	1333.0	swc	clst	0.25 (20)	HF
SA 9	1433.0	swc	clst	0.29 ( 8)	HF
SA 3	1498.5	swc	clst	0.91 ( 2)-	HF
SA 12	1534.0	swc	clst	0.30 ( 7)	HF
SA 10	1584.5	swc	clst	0.26 ( 4)	HF
SA 5	1646.0	swc	clst	-	HF
SA 26	1829.5	swc	clst	-	HF
SA 25	1861.0	swc	clst	0.36 ( 4)	HF
SA 27	1894.0	swc	clst	0.38 ( 1)	HF
SA 18	1927.0	swc	clst	0.42 ( 8)	HF
SA 6	1993.0	swc	clst	0.40 ( 8)	HF
SA 28	2026.0	swc	clst	0.48 (48)	HF
SA 29	2059.0	swc	clst	-	HF
SA 22	2091.9	swc	clst	0.44 (12)	HF
SA 19	2126.0	swc	clst	0.39 (31)	HF
SA 24	2162.0	swc	clst	0.39 ( 8)	HF
SA 21	2197.0	swc	clst	0.38 ( 9)	HF
SA 20	2246.0	swc	clst	0.42 (13)	HF
SA 23	2258.0	swc	clst	0.49 (33)	HF
	2282.0	swc	clst	0.52 (18)	HF
	2318.0	swc	clst	0.49 ( 4)	HF
	2354.1	swc	clst	0.42 ( 2)	HF
	2365.0	swc	clst	0.55 (22)-	HF
	2382.0	swc	clst	0.56 ( 1)-	HF
	2383.5	swc	clst	0.72 ( 4)-	HF
	2393.2	swc	clst	-	HF
	2385.5	swc	clst	0.43 ( 5)	HF

WELL 34/7-1

-----  
SOME MATURITY CHARACTERISTICS  
-----

Depth at:

Ro = 0.35 : 1800 m  
Ro = 0.55 : 3100 m  
Ro = 0.70 : -

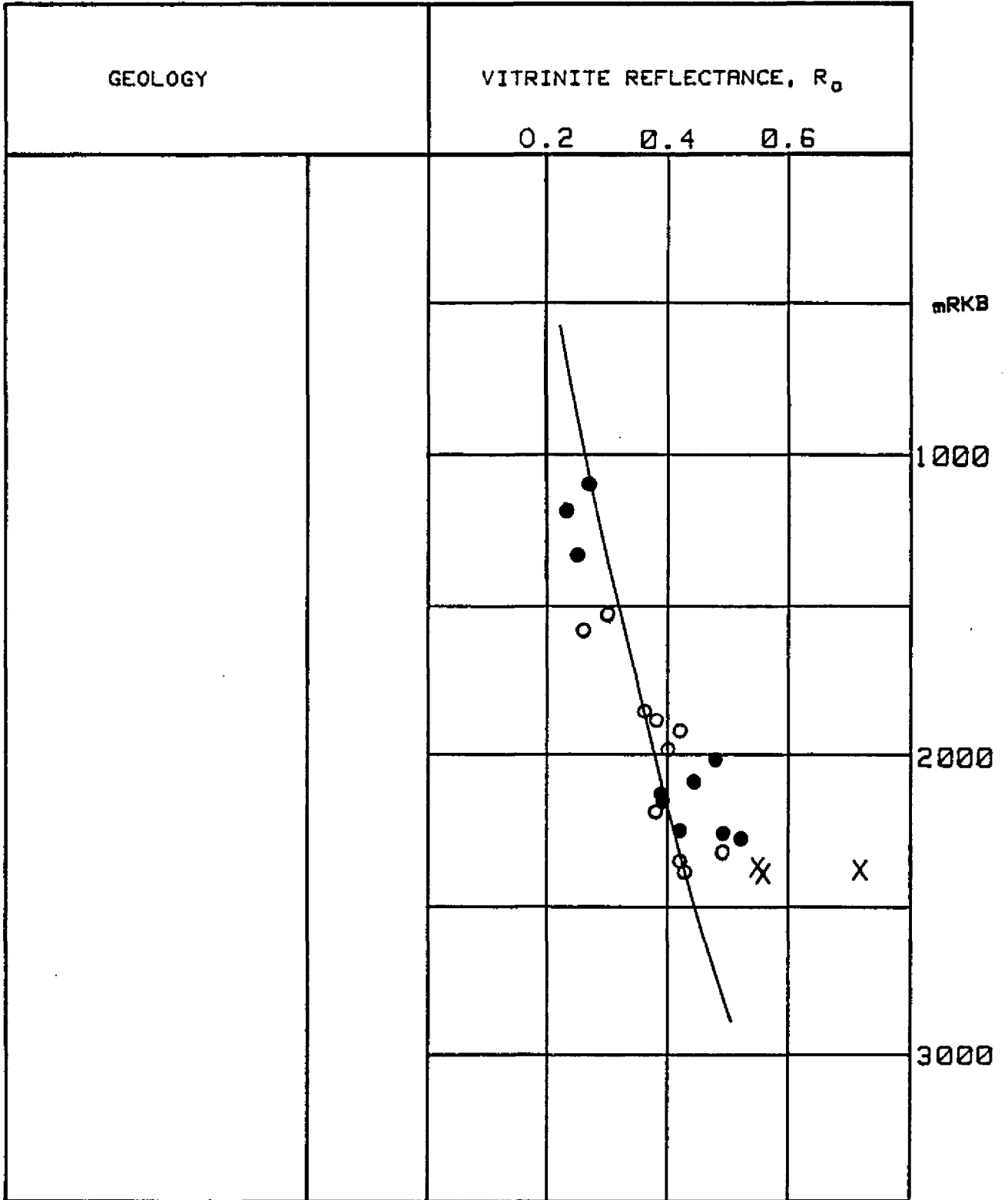
-----  
Vitrinite reflectance (Ro) at depth:

1000 m : 0.26  
2000 m : 0.36  
3000 m : 0.52

-----  
Vitrinite reflectance gradient (Ro/100 m)

0.30 - 0.50 : 0.014  
0.30 - 0.80 : -

34/7-1



- O LESS THAN 10 READINGS PER SAMPLE
- MORE THAN 10 READINGS PER SAMPLE
- X INERTINITIC MATERIAL

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----

SA 11	1102.0	swc	clst	0.27 (41)	HF
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Comments:

Claystone, contains some vitrinite of acceptable quality

HISTOGRAM 31.1.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-2,1102.0m,5vk	xxxxx 50	.327	.161	.4941

Class	Counts	Perc.	'x'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	4	8.00	xxxxxxx
.20	14	28.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
.25	12	24.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
.30	9	18.00	xxxxxxxxxxxxxxxxxxxx
.35	2	4.00	xxxx
.40	1	2.00	xx
.45	3	6.00	xxxxx
.50	0	0.00	
.55	2	4.00	xxxx
.60	1	2.00	xx
.65	0	0.00	
.70	0	0.00	
.75	1	2.00	xx
.80	0	0.00	
.85	0	0.00	
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	1	2.00	xx
Above	0	0.00	

Channel: R4 3477-2, 1102.0m, SvK

No. of Measurements:      50  
 Mean:                      .327  
 Standard Deviation:        .161  
 Coeff. of Variation:        .4941

# Meas.	Value
1	.235
2	.254
3	.247
4	.297
5	.439
6	.303
7	.244
8	.485
9	.229
10	.303
11	.371
12	.278
13	.278
14	.241
15	.275
16	.244
17	.183
18	1.085
19	.244
20	.257
21	.195
22	.195
23	.303
24	.247
25	.238
26	.643
27	.757
28	.359
29	.291
30	.278
31	.269
32	.281
33	.186
34	.451
35	.217
36	.220
37	.214
38	.458
39	.556
40	.569
41	.337
42	.275
43	.312
44	.226
45	.297
46	.315
47	.328
48	.300
49	.306
50	.223



WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 8 1155.0 swc clst - HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 7 1180.0 swc clst 0.23 (11) HF

Comments:

Claystone, nearly barren, contains only a few small and poor quality particles



L I S T      1.2.1985

Channel: R5 34/7-1,1180.0m, Svk  
No. of Measurements: 22  
Mean: .680  
Standard Deviation: .691  
Coeff. of Variation: 1.0165

# Meas.	Value
1	.415
2	.221
3	1.267
4	2.879
5	.716
6	1.366
7	.156
8	.341
9	.323
10	.177
11	.186
12	.217
13	1.270
14	1.960
15	.542
16	.338
17	.221
18	.855
19	.502
20	.186
21	.217
22	.595

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 4 1333.0 swc clst 0.25 (20) HF

Comments:

Claystone, nearly barren, contains only a few particles of true vitrinite

H I S T O G R A M            1.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-1,1333.0m,Svk	+++++	22	.267	.082	.3083

Class	Counts	Perc.	'+'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	1	4.55	+++++
.15	5	22.73	+++++
.20	4	18.18	+++++
.25	3	13.64	+++++
.30	6	27.27	+++++
.35	1	4.55	+++++
.40	2	9.09	+++++
Above	0	0.00	

L I S T            1.2.1985

Channel: R2 34/7-1,1333.0m,Svk  
 No. of Measurements: 22  
 Mean: .267  
 Standard Deviation: .082  
 Coeff. of Variation: .3083

# Meas.	Value
1	.276
2	.301
3	.186
4	.217
5	.205
6	.199
7	.214
8	.276
9	.301
10	.341
11	.434
12	.406
13	.180
14	.344
15	.289
16	.304
17	.248
18	.369
19	.313
20	.174
21	.165
22	.128

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 9 1433.0 swc clst 0.29 ( 8) HF

Comments:

Claystone, nearly barren, contains only a few and poor  
quality particles

H I S T O G R A M

31.1.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-1,1433.0m,Svk	++++	13	.465	.273	.5879

Class	Counts	Perc.	'++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	1	7.69	+++++
.20	2	15.38	+++++
.25	2	15.38	+++++
.30	1	7.69	+++++
.35	2	15.38	+++++
.40	0	0.00	
.45	0	0.00	
.50	1	7.69	+++++
.55	1	7.69	+++++
.60	0	0.00	
.65	1	7.69	+++++
.70	0	0.00	
.75	0	0.00	
.80	0	0.00	
.85	0	0.00	
.90	1	7.69	+++++
.95	0	0.00	
1.00	0	0.00	
1.05	1	7.69	+++++
Above	0	0.00	

L I S T

31.1.1985

Channel: R2 34/7-1,1433.0m,Svk  
 No. of Measurements: 13  
 Mean: .465  
 Standard Deviation: .273  
 Coeff. of Variation: .5879

# Meas.	Value
1	.356
2	.244
3	.553
4	1.063
5	.214
6	.680
7	.288
8	.198
9	.331
10	.285
11	.529
12	.396
13	.912



WELL 3477-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 3 1498.5 swc clst 0.91 ( 2) HF

Comments:

Clavstone, nearly barren, contains only a few inertinite particles

L I S T      1.2.1985

Channel: R3 34/7-1,1498.5m,Svk

No. of Measurements:      2  
Mean:                      .915  
Standard Deviation:        .160  
Coeff. of Variation:        .1745

# Meas.	Value
1	1.028
2	.802

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----

SA 12	1534.0	swc	clst	0.30 ( 7)	HF
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Comments:

Claystone, contains some vitrinite, small and poor quality particles



L I S T      31.1.1985

Channel: R5 34/7-2,1534.0m,Svk  
No. of Measurements: 26  
Mean: .879  
Standard Deviation: .588  
Coeff. of Variation: .6689

# Meas.	Value
1	.291
2	.214
3	.247
4	.448
5	.476
6	.801
7	2.228
8	1.329
9	.544
10	.482
11	.668
12	1.023
13	1.230
14	.828
15	.828
16	.306
17	1.437
18	2.166
19	.371
20	.309
21	.930
22	.699
23	1.570
24	1.400
25	1.690
26	.337

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 10    1584.5    swc        clst        0.26 ( 4)    HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

HISTOGRAM 31.1.1985

Channel Symbol # Meas. Mean St.Dev. Coeff. of Var.

R3 34/7-1,1584.5m,5vk ##### 9 .986 1.030 1.0451

Class Counts Perc. '#'=1%

Class	Counts	Perc.	'#'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	1	11.11	#####
.20	0	0.00	
.25	2	22.22	#####
.30	1	11.11	#####
.35	0	0.00	
.40	0	0.00	
.45	0	0.00	
.50	0	0.00	
.55	0	0.00	
.60	1	11.11	#####
.65	0	0.00	
.70	0	0.00	
.75	0	0.00	
.80	1	11.11	#####
.85	1	11.11	#####
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	
2.20	0	0.00	
2.25	0	0.00	
2.30	0	0.00	
2.35	0	0.00	
2.40	0	0.00	
2.45	0	0.00	
2.50	0	0.00	
2.55	0	0.00	
2.60	0	0.00	
2.65	1	11.11	#####
2.70	0	0.00	
2.75	0	0.00	
2.80	1	11.11	#####
Above	0	0.00	

L I S T      31.1.1985

Channel: R3 34/7-1, 1584.5m, SvK

No. of Measurements:      9  
Mean:                      .986  
Standard Deviation:        1.030  
Coeff. of Variation:        1.0451

# Meas.	Value
1	2.676
2	.260
3	.291
4	2.824
5	.637
6	.319
7	.865
8	.189
9	.813



WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 5 1646.0 swc clst - HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 26	1829.5	swc	clst	-	HF

-----  
Comments:

Claystone, barren of vitrinite

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 25	1861.0	swc	clst	0.36 ( 4)	HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

HISTOGRAM 15.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R5 34/7-1,1861.0m,Svk ooooo 50 .686 .199 .2901

Class Counts Perc. 'ooooo'=1%

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	2.00	ooooo
.30	1	2.00	ooooo
.35	1	2.00	ooooo
.40	1	2.00	ooooo
.45	0	0.00	
.50	9	18.00	oo
.55	6	12.00	oo
.60	7	14.00	oo
.65	3	6.00	oooooooooooooooooooooooooooooooooooo
.70	5	10.00	oo
.75	1	2.00	ooooo
.80	7	14.00	oo
.85	2	4.00	oooooooooooooooooooooooooooo
.90	2	4.00	oooooooooooooooooooooooooooo
.95	1	2.00	ooooo
1.00	0	0.00	
1.05	0	0.00	
1.10	0	0.00	
1.15	2	4.00	oooooooooooooooooooooooooooo
1.20	1	2.00	ooooo
Above	0	0.00	

L I S T      15.2.1985

Channel: R5 34/7-1, 1861.0m, SvK

No. of Measurements:      50  
Mean:                      .686  
Standard Deviation:        .199  
Coeff. of Variation:        .2901

# Meas.	Value
1	.619
2	.341
3	.412
4	.629
5	1.225
6	.869
7	.385
8	.642
9	.913
10	.571
11	.544
12	.585
13	.663
14	.500
15	.730
16	.602
17	1.181
18	.849
19	.954
20	.534
21	.622
22	.751
23	.659
24	.571
25	.818
26	.717
27	.585
28	.649
29	.521
30	.642
31	.541
32	.734
33	.531
34	.927
35	.802
36	.805
37	.551
38	.541
39	.805
40	.294
41	.551
42	.835
43	.734
44	.859
45	.747
46	.544
47	.531
48	.683
49	.829
50	1.194

WELL 3477-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 27    1894.0    swc        clst        0.38 ( 1)    HF

Comments:

Claystone, contains hardly any vitrinite

HISTOGRAM 14.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R5 34/7-1,1894.0m,Svk ooooo 50 .919 .458 .4982

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	1	2.00	oooooooooooo
.40	0	0.00	
.45	2	4.00	oooooooooooooooooooo
.50	3	6.00	oooooooooooooooooooooooooooo
.55	2	4.00	oooooooooooooooooooo
.60	3	6.00	oooooooooooooooooooooooooooo
.65	3	6.00	oooooooooooooooooooooooooooo
.70	4	8.00	oooooooooooooooooooooooooooo
.75	1	2.00	oooooooooooo
.80	8	16.00	oo
.85	4	8.00	oooooooooooooooooooooooooooo
.90	0	0.00	
.95	4	8.00	oooooooooooooooooooooooooooo
1.00	2	4.00	oooooooooooooooooooo
1.05	3	6.00	oooooooooooooooooooooooooooo
1.10	2	4.00	oooooooooooooooooooo
1.15	1	2.00	oooooooooooo
1.20	2	4.00	oooooooooooooooooooo
1.25	0	0.00	
1.30	1	2.00	oooooooooooo
1.35	1	2.00	oooooooooooo
1.40	0	0.00	
1.45	1	2.00	oooooooooooo
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	1	2.00	oooooooooooo
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	

L I S T 14.2.1985

Channel: R5 34/7-1,1894.0m,Svk

No. of Measurements: 50  
Mean: .919  
Standard Deviation: .458  
Coeff. of Variation: .4982

# Meas.	Value
1	.860
2	.594
3	.504
4	.600
5	.990
6	1.223
7	.830
8	1.876
9	.484
10	.970
11	.824
12	.700
13	.857
14	.504
15	.654
16	.507
17	.750
18	.960
19	.634
20	.490
21	.717
22	.670
23	1.013
24	1.090
25	.820
26	.707
27	1.183
28	.677
29	1.457
30	3.385
31	.380
32	.720
33	.857
34	.810
35	.614
36	.807
37	1.380
38	.963
39	1.133
40	1.123
41	.867
42	1.060
43	1.230
44	1.343
45	.590
46	.827
47	.820
48	1.023
49	.827
50	1.067



WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 10	1927.0	swc	clst	0.42 ( 8)	HF
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Comments:

Claystone, contains some vitrinite, variable particle quality

HISTOGRAM 16.2.1985

Channel Symbol # Meas. Mean St.Dev. Coeff. of Var.  
 -----  
 R5 34/7-1,1927.0a,5vk ooooo 49 .784 .308 .3929

Class Counts Perc. 'ooooo'=1%

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	2.04	oooooooooooo
.25	0	0.00	
.30	0	0.00	
.35	2	4.08	oooooooooooooooooooo
.40	4	8.16	oo
.45	2	4.08	oooooooooooooooooooo
.50	3	6.12	oooooooooooooooooooooooooooo
.55	3	6.12	oooooooooooooooooooooooooooo
.60	3	6.12	oooooooooooooooooooooooooooo
.65	2	4.08	oooooooooooooooooooo
.70	3	6.12	oooooooooooooooooooooooooooo
.75	1	2.04	oooooooooooo
.80	5	10.20	oo
.85	6	12.24	oo
.90	3	6.12	oooooooooooooooooooooooooooo
.95	3	6.12	oooooooooooooooooooooooooooo
1.00	0	0.00	
1.05	0	0.00	
1.10	1	2.04	oooooooooooo
1.15	3	6.12	oooooooooooooooooooooooooooo
1.20	1	2.04	oooooooooooo
1.25	0	0.00	
1.30	2	4.08	oooooooooooooooooooo
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	1	2.04	oooooooooooo
Above	0	0.00	

Channel: R5 34/7-1,1927.0m,Svk

No. of Measurements: 49  
 Mean: .784  
 Standard Deviation: .308  
 Coeff. of Variation: .3929

# Meas.	Value
1	1.187
2	1.140
3	1.304
4	.570
5	1.153
6	1.847
7	.711
8	.566
9	.442
10	.878
11	.657
12	.439
13	.942
14	.808
15	.355
16	.908
17	.704
18	.975
19	1.341
20	.835
21	.818
22	.623
23	.704
24	.881
25	.868
26	.513
27	.972
28	1.180
29	.633
30	1.237
31	.365
32	.241
33	.405
34	.536
35	.640
36	.654
37	.466
38	.808
39	.553
40	.808
41	.784
42	.945
43	.861
44	.479
45	.952
46	.409
47	.871
48	.536
49	.888

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA G	1993.0	swc	clst	0.40 ( 8)	HF
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Comments:

Claystone, contains some vitrinite, small and poor quality particles

HISTOGRAM 4.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-1,1993.0m,Svk	+++++	49	.702	.528 .7525

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	1	2.04	+++++++
.20	4	8.16	+++++++
.25	1	2.04	+++++++
.30	1	2.04	+++++++
.35	4	8.16	+++++++
.40	3	6.12	+++++++
.45	1	2.04	+++++++
.50	5	10.20	+++++++
.55	2	4.08	+++++++
.60	5	10.20	+++++++
.65	4	8.16	+++++++
.70	3	6.12	+++++++
.75	6	12.24	+++++++
.80	2	4.08	+++++++
.85	1	2.04	+++++++
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	1	2.04	+++++++
1.15	0	0.00	
1.20	1	2.04	+++++++
1.25	2	4.08	+++++++
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	

Channel: R2 34/7-1,1993.0m,Svk

No. of Measurements:      49  
 Mean:                      .702  
 Standard Deviation:      .528  
 Coeff. of Variation:      .7525

# Meas.	Value
1	.223
2	.599
3	.353
4	.444
5	.520
6	.391
7	.504
8	.766
9	.675
10	.334
11	1.293
12	.517
13	.697
14	2.149
15	.779
16	.747
17	.640
18	.665
19	.779
20	.255
21	.605
22	.245
23	.179
24	.223
25	.643
26	.583
27	.239
28	.416
29	.861
30	.640
31	.776
32	1.256
33	.744
34	.653
35	.817
36	.548
37	.526
38	.823
39	.618
40	.473
41	.769
42	.353
43	1.101
44	.757
45	.413
46	3.478
47	.394
48	.722
49	1.215

WELL 3477-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 28	2026.0	swc	clst	0.48 ( 7)	HF
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Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M                      8.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R2 3477-1,2026.0m,5vk	+++++	53	.898	.365	.4065

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	1.89	+++++
.25	2	3.77	+++++
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	5	9.43	+++++
.50	2	3.77	+++++
.55	1	1.89	+++++
.60	4	7.55	+++++
.65	1	1.89	+++++
.70	2	3.77	+++++
.75	3	5.66	+++++
.80	4	7.55	+++++
.85	1	1.89	+++++
.90	3	5.66	+++++
.95	3	5.66	+++++
1.00	1	1.89	+++++
1.05	4	7.55	+++++
1.10	3	5.66	+++++
1.15	5	9.43	+++++
1.20	2	3.77	+++++
1.25	4	7.55	+++++
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	1	1.89	+++++
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	
2.20	0	0.00	
2.25	1	1.89	+++++
Above	0	0.00	



Channel: R2 34/7-1,2026.0m,Svk

No. of Measurements: 53  
Mean: .898  
Standard Deviation: .365  
Coeff. of Variation: .4065

# Meas.	Value
1	1.137
2	1.090
3	1.143
4	1.060
5	.885
6	.938
7	1.206
8	1.233
9	.978
10	1.057
11	.911
12	.590
13	1.167
14	1.200
15	.470
16	.480
17	.450
18	.450
19	.752
20	.785
21	.931
22	1.160
23	.530
24	.706
25	1.107
26	1.289
27	1.170
28	.610
29	.523
30	.610
31	.842
32	2.284
33	1.608
34	.848
35	.258
36	.623
37	.295
38	.474
39	.606
40	.709
41	1.084
42	.248
43	.951
44	.818
45	.792
46	.958
47	.838
48	1.296
49	1.186
50	.692
51	1.041
52	1.276
53	1.259

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 29    2059.0    swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 3477-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 22	2091.9	swc	clst	0.44 (12)	HF

-----  
Comments:

Claystone, nearly barren of vitrinite, small and poor quality particles

H I S T O G R A M

15.2.1985

Channel                                  Symbol # Meas.      Mean St.Dev. Coeff. of Var.

R2 34/7-1,2091.1a,5vk                  +++++      53      .686      .303      .4419

Class    Counts   Perc.   '+++++'=1%

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	1.89	+++++
.25	1	1.89	+++++
.30	3	5.66	+++++
.35	2	3.77	+++++
.40	1	1.89	+++++
.45	4	7.55	+++++
.50	2	3.77	+++++
.55	5	9.43	+++++
.60	7	13.21	+++++
.65	5	9.43	+++++
.70	10	18.87	+++++
.75	1	1.89	+++++
.80	3	5.66	+++++
.85	1	1.89	+++++
.90	0	0.00	
.95	2	3.77	+++++
1.00	2	3.77	+++++
1.05	1	1.89	+++++
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	1	1.89	+++++
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	
2.20	1	1.89	+++++
Above	0	0.00	

Channel: R2 34/7-1, 2091.1m, Svk

No. of Measurements: 53  
Mean: .686  
Standard Deviation: .303  
Coeff. of Variation: .4419

# Meas.	Value
1	.280
2	.544
3	.450
4	.703
5	.663
6	.727
7	.656
8	.632
9	.649
10	.663
11	.991
12	.626
13	.582
14	.717
15	.609
16	.700
17	1.011
18	.311
19	.561
20	.348
21	.497
22	.588
23	.835
24	.372
25	.727
26	.798
27	.741
28	.639
29	.967
30	.896
31	2.220
32	.812
33	1.370
34	.747
35	.707
36	1.072
37	.236
38	.659
39	.511
40	.602
41	.490
42	.477
43	.497
44	.582
45	.666
46	.345
47	.571
48	.812
49	.734
50	.615
51	1.038
52	.744
53	.379

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 19    2126.0    swc        clst        0.39 (31)    HF

Comments:

Claystone, relatively abundant vitrinite, however poor particle quality



L I S T      16.2.1985

Channel: R4 34/7-1, 2126.0m, SvK

No. of Measurements:      41  
Mean:                      .476  
Standard Deviation:        .215  
Coeff. of Variation:        .4508

# Meas.	Value
1	.305
2	.570
3	.298
4	.265
5	.234
6	.439
7	.335
8	.402
9	.466
10	.365
11	.536
12	.335
13	.291
14	.768
15	.449
16	.436
17	.540
18	.536
19	.808
20	.302
21	.473
22	.473
23	.315
24	.332
25	.439
26	.744
27	1.445
28	.607
29	.563
30	.741
31	.372
32	.362
33	.700
34	.318
35	.499
36	.476
37	.275
38	.409
39	.382
40	.590
41	.335



WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 24	2162.0	swc	clst	0.39 ( 8)	HF

-----  
Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M 14.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 RS 34/7-1,2162.0m, Svk ooooo 50 .630 .216 .3423

Class Counts Perc. 'ooooo'=1%

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	4	8.00	oooooooooooooooooooooooooooooooooooo
.30	1	2.00	oooooooo
.35	2	4.00	oooooooooooooooooooooooo
.40	3	6.00	oooooooooooooooooooooooooooo
.45	1	2.00	oooooooo
.50	7	14.00	oo
.55	5	10.00	oo
.60	9	18.00	oo
.65	2	4.00	oooooooooooooooooooooooo
.70	4	8.00	oooooooooooooooooooooooooooooooooooo
.75	2	4.00	oooooooooooooooooooooooo
.80	3	6.00	oooooooooooooooooooooooooooo
.85	2	4.00	oooooooooooooooooooooooo
.90	1	2.00	oooooooo
.95	2	4.00	oooooooooooooooooooooooo
1.00	1	2.00	oooooooo
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	1	2.00	oooooooo
Above	0	0.00	

Channel: R5 34/7-1,2162.0m, Svk

No. of Measurements:      50  
 Mean:                      .630  
 Standard Deviation:      .216  
 Coeff. of Variation:      .3423

# Meas.	Value
1	.735
2	.551
3	.732
4	.632
5	.300
6	.648
7	.839
8	.819
9	.950
10	.524
11	.642
12	.575
13	.521
14	.571
15	.558
16	.846
17	.518
18	.394
19	.297
20	.772
21	.280
22	.400
23	.605
24	.638
25	1.325
26	.702
27	.638
28	.531
29	.531
30	.370
31	.980
32	.695
33	.611
34	.685
35	.772
36	.280
37	.977
38	.889
39	.548
40	.879
41	.441
42	.404
43	.722
44	.340
45	.601
46	.585
47	.508
48	.471
49	.611
50	1.047

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 21 2197.0 swc clst 0.38 ( 9) HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M      15.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-1,2197.0m, Svk	xxxxx 50	.709	.252	.3548

Class	Counts	Perc.	'xxxxx'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	2.00	xxxxxxxxx
.30	2	4.00	xxxxxxxxxxxxxxxxxxxx
.35	2	4.00	xxxxxxxxxxxxxxxxxxxx
.40	5	10.00	xx
.45	0	0.00	
.50	7	14.00	xx
.55	2	4.00	xxxxxxxxxxxxxxxxxxxx
.60	3	6.00	xxxxxxxxxxxxxxxxxxxx
.65	2	4.00	xxxxxxxxxxxxxxxxxxxx
.70	5	10.00	xx
.75	3	6.00	xxxxxxxxxxxxxxxxxxxx
.80	2	4.00	xxxxxxxxxxxxxxxxxxxx
.85	4	8.00	xxxxxxxxxxxxxxxxxxxx
.90	4	8.00	xxxxxxxxxxxxxxxxxxxx
.95	1	2.00	xxxxxxxxx
1.00	2	4.00	xxxxxxxxxxxxxxxxxxxx
1.05	1	2.00	xxxxxxxxx
1.10	1	2.00	xxxxxxxxx
1.15	1	2.00	xxxxxxxxx
1.20	2	4.00	xxxxxxxxxxxxxxxxxxxx
Above	0	0.00	

Channel: R4 34/7-1,2197.0m, Svk

No. of Measurements: 50  
Mean: .709  
Standard Deviation: .252  
Coeff. of Variation: .3548

# Meas.	Value
1	.829
2	1.022
3	.507
4	.900
5	.615
6	.998
7	.538
8	1.072
9	1.228
10	.443
11	.304
12	.910
13	.507
14	.703
15	.778
16	.710
17	.903
18	.747
19	.416
20	.676
21	.372
22	.615
23	.852
24	.504
25	1.245
26	1.126
27	.561
28	1.184
29	1.008
30	.450
31	.541
32	.609
33	.538
34	.808
35	.785
36	.680
37	.747
38	.873
39	.372
40	.551
41	.416
42	.436
43	.791
44	.534
45	.700
46	.277
47	.917
48	.345
49	.940
50	.873

WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 20	2246.0	swc	clst	0.42 (13)	HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M            15.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R3 34/7-1,2246.0m,Svk	####	53	.637	.253	.3979

Class    Counts   Perc.   '####'=1%

Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	2	3.77	#####
.25	3	5.66	#####
.30	1	1.89	#####
.35	3	5.66	#####
.40	6	11.32	#####
.45	3	5.66	#####
.50	4	7.55	#####
.55	0	0.00	
.60	8	15.09	#####
.65	5	9.43	#####
.70	2	3.77	#####
.75	4	7.55	#####
.80	3	5.66	#####
.85	0	0.00	
.90	0	0.00	
.95	1	1.89	#####
1.00	3	5.66	#####
1.05	3	5.66	#####
1.10	0	0.00	
1.15	1	1.89	#####
1.20	1	1.89	#####
Above	0	0.00	



Channel: R3 34/7-1, 2246.0m, SvK

No. of Measurements: 53  
Mean: .637  
Standard Deviation: .253  
Coeff. of Variation: .3979

# Meas.	Value
1	.781
2	.446
3	.375
4	.619
5	.690
6	1.005
7	.419
8	.375
9	.426
10	.778
11	1.170
12	.619
13	.541
14	.615
15	1.221
16	.314
17	.463
18	.622
19	1.066
20	.412
21	.277
22	.609
23	.612
24	.456
25	.683
26	.710
27	.250
28	.829
29	.399
30	.436
31	.209
32	.639
33	1.069
34	.653
35	.504
36	.680
37	.274
38	.511
39	1.089
40	.494
41	.754
42	.263
43	.707
44	.751
45	.950
46	.849
47	.683
48	.544
49	1.018
50	.649
51	.802
52	1.011
53	.443

WELL 3477-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 23    2258.0    swc        clst        0.49 (33)    HF

Comments:

Claystone, contains some vitrinite of acceptable quality



Channel: R4 34/7-1,2258.0m, Svk

No. of Measurements: 78  
Mean: .651  
Standard Deviation: .266  
Coeff. of Variation: .4080

# Meas.	Value
1	.828
2	1.273
3	.255
4	1.236
5	.696
6	.646
7	.616
8	.669
9	.802
10	.570
11	.596
12	.401
13	.384
14	.795
15	.875
16	.951
17	.752
18	.875
19	1.163
20	.550
21	1.399
22	.371
23	.454
24	.706
25	.692
26	.507
27	.673
28	.828
29	.921
30	.517
31	.755
32	1.114
33	.759
34	1.001
35	.593
36	1.472
37	.663
38	.387
39	.666
40	.762
41	.745
42	.954
43	1.070
44	.523
45	.520
46	.440
47	.742
48	.557
49	.470
50	.523

51	.520
52	.878
53	.474
54	.925
55	.500
56	.669
57	.792
58	.487
59	.387
60	.643
61	.457
62	.417
63	.593
64	.497
65	.749
66	.484
67	.573
68	.454
69	.513
70	.275
71	.513
72	.285
73	.222
74	.258
75	.497
76	.450
77	.291
78	.288

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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	2282.0	swc	clst	0.52 (18)	HF
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Comments:

Claystone, contains some vitrinite of acceptable quality

HISTOGRAM 25.1.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R3 34/7-1,2282.0m,5vk	#####	50	.879	.346	.3931

Class	Counts	Perc.	'#####'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	2	4.00	#####
.45	5	10.00	#####
.50	5	10.00	#####
.55	4	8.00	#####
.60	3	6.00	#####
.65	1	2.00	#####
.70	2	4.00	#####
.75	2	4.00	#####
.80	1	2.00	#####
.85	3	6.00	#####
.90	0	0.00	
.95	2	4.00	#####
1.00	0	0.00	
1.05	3	6.00	#####
1.10	3	6.00	#####
1.15	3	6.00	#####
1.20	2	4.00	#####
1.25	4	8.00	#####
1.30	1	2.00	#####
1.35	1	2.00	#####
1.40	2	4.00	#####
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	1	2.00	#####
Above	0	0.00	

Channel: R3 34/7-1, 2282.0m, SvK

No. of Measurements: 50  
Mean: .879  
Standard Deviation: .346  
Coeff. of Variation: .3931

# Meas.	Value
1	1.441
2	1.072
3	1.358
4	1.782
5	.463
6	1.186
7	1.179
8	1.056
9	1.130
10	1.118
11	.494
12	.663
13	.770
14	1.265
15	.635
16	.441
17	.457
18	.518
19	1.278
20	.709
21	1.198
22	1.269
23	1.204
24	.893
25	.503
26	.469
27	.469
28	.804
29	.601
30	.869
31	.961
32	.564
33	.515
34	.592
35	1.063
36	.958
37	.543
38	.537
39	.568
40	.429
41	1.302
42	.632
43	.706
44	.592
45	1.106
46	1.232
47	1.444
48	.869
49	1.299
50	.761



WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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2318.0    swc        clst        0.49 ( 4)    HF

Comments:

Claystone, nearly barren of vitrinite, contains only a few small and poor quality particles

HISTOGRAM 25.1.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-1,2318.0m,Svk	xxxxx 50	1.057	.413	.3902

Class	Counts	Perc.	'xxxxx'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	1	2.00	xxxxxxxxxx
.35	0	0.00	
.40	0	0.00	
.45	3	6.00	xx
.50	1	2.00	xxxxxxxxxx
.55	1	2.00	xxxxxxxxxx
.60	6	12.00	xx
.65	3	6.00	xx
.70	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
.75	1	2.00	xxxxxxxxxx
.80	1	2.00	xxxxxxxxxx
.85	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
.90	1	2.00	xxxxxxxxxx
.95	1	2.00	xxxxxxxxxx
1.00	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
1.05	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
1.10	0	0.00	
1.15	3	6.00	xx
1.20	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
1.25	1	2.00	xxxxxxxxxx
1.30	1	2.00	xxxxxxxxxx
1.35	3	6.00	xx
1.40	0	0.00	
1.45	7	14.00	xx
1.50	0	0.00	
1.55	1	2.00	xxxxxxxxxx
1.60	2	4.00	xxxxxxxxxxxxxxxxxxxxxxxxxx
1.65	1	2.00	xxxxxxxxxx
1.70	0	0.00	
1.75	1	2.00	xxxxxxxxxx
1.80	0	0.00	
1.85	0	0.00	
1.90	1	2.00	xxxxxxxxxx
Above	0	0.00	

Channel: R4 34/7-1, 2318.0m, Svk

No. of Measurements: 50  
Mean: 1.057  
Standard Deviation: .413  
Coeff. of Variation: .3902

# Meas.	Value
1	1.770
2	.629
3	1.182
4	1.484
5	1.198
6	1.948
7	1.066
8	1.376
9	.777
10	1.493
11	1.333
12	1.453
13	1.241
14	.850
15	.614
16	1.219
17	1.613
18	1.044
19	1.373
20	.715
21	1.475
22	.887
23	.319
24	1.656
25	1.047
26	1.056
27	.847
28	.460
29	1.594
30	.687
31	1.610
32	1.192
33	.604
34	1.475
35	.592
36	.958
37	.506
38	.488
39	.943
40	1.382
41	.675
42	.497
43	.746
44	1.256
45	.620
46	1.462
47	.691
48	.641
49	1.475
50	.647

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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	2354.1	swc	clst	0.42 ( 2)	HF
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Comments:

Claystone, nearly barren of vitrinite, contains only a few small and poor quality particles

HISTOGRAM 25.1.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R5 34/7-1,2354.1a,Svk	00000 51	1.135	.419	.3687

Class Counts Perc. '00000'=1%

Class	Counts	Perc.	'00000'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	1.96	0000000000
.25	1	1.96	0000000000
.30	0	0.00	
.35	0	0.00	
.40	2	3.92	00000000000000000000
.45	0	0.00	
.50	1	1.96	0000000000
.55	2	3.92	00000000000000000000
.60	1	1.96	0000000000
.65	3	5.88	000000000000000000000000
.70	2	3.92	00000000000000000000
.75	1	1.96	0000000000
.80	0	0.00	
.85	0	0.00	
.90	0	0.00	
.95	3	5.88	000000000000000000000000
1.00	1	1.96	0000000000
1.05	1	1.96	0000000000
1.10	1	1.96	0000000000
1.15	4	7.84	00000000000000000000000000000000
1.20	3	5.88	00000000000000000000000000
1.25	4	7.84	00000000000000000000000000000000
1.30	2	3.92	00000000000000000000
1.35	4	7.84	00000000000000000000000000000000
1.40	2	3.92	00000000000000000000
1.45	1	1.96	0000000000
1.50	2	3.92	00000000000000000000
1.55	2	3.92	00000000000000000000
1.60	4	7.84	00000000000000000000000000000000
1.65	1	1.96	0000000000
1.70	0	0.00	
1.75	1	1.96	0000000000
1.80	0	0.00	
1.85	1	1.96	0000000000
Above	0	0.00	

Channel: R5 34/7-1,2354.1m, Svk

No. of Measurements: 51  
Mean: 1.135  
Standard Deviation: .419  
Coeff. of Variation: .3687

# Meas.	Value
1	1.138
2	1.646
3	1.677
4	1.311
5	1.401
6	1.565
7	1.525
8	.661
9	1.890
10	1.389
11	1.392
12	1.531
13	1.438
14	.965
15	1.237
16	1.361
17	.701
18	1.153
19	1.302
20	.961
21	1.197
22	1.559
23	.435
24	.246
25	1.246
26	.652
27	1.612
28	1.352
29	.971
30	1.268
31	.262
32	.701
33	1.615
34	1.262
35	.407
36	1.274
37	1.299
38	1.797
39	1.042
40	1.206
41	.553
42	.537
43	1.478
44	1.172
45	1.082
46	.763
47	1.618
48	1.197
49	.664
50	.571
51	.615

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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	2365.0	swc	clst	0.55 (22)	HF
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Comments:

Claystone, contains some vitrinite,  
small and poor quality particles

HISTOGRAM 25.1.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R2 34/7-1,2365.0,Svk +++++ 68 .858 .363 .4235

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	1.47	+++++
.25	1	1.47	+++++
.30	1	1.47	+++++
.35	1	1.47	+++++
.40	1	1.47	+++++
.45	1	1.47	+++++
.50	7	10.29	+++++
.55	8	11.76	+++++
.60	5	7.35	+++++
.65	3	4.41	+++++
.70	5	7.35	+++++
.75	2	2.94	+++++
.80	3	4.41	+++++
.85	2	2.94	+++++
.90	3	4.41	+++++
.95	4	5.88	+++++
1.00	1	1.47	+++++
1.05	1	1.47	+++++
1.10	3	4.41	+++++
1.15	0	0.00	
1.20	2	2.94	+++++
1.25	5	7.35	+++++
1.30	1	1.47	+++++
1.35	0	0.00	
1.40	0	0.00	
1.45	1	1.47	+++++
1.50	1	1.47	+++++
1.55	3	4.41	+++++
1.60	1	1.47	+++++
1.65	1	1.47	+++++
Above	0	0.00	



Channel: R2 34/7-1,2365.0, Svk

No. of Measurements: 68  
Mean: .858  
Standard Deviation: .363  
Coeff. of Variation: .4235

# Meas.	Value
1	.958
2	1.066
3	1.287
4	.721
5	.900
6	1.315
7	.703
8	1.579
9	.915
10	1.229
11	.998
12	.641
13	.608
14	1.674
15	1.210
16	.601
17	1.256
18	.983
19	.792
20	.223
21	1.299
22	.915
23	.604
24	1.567
25	.700
26	.940
27	.531
28	.774
29	.555
30	1.610
31	.847
32	1.115
33	1.127
34	.740
35	1.265
36	.611
37	1.588
38	1.493
39	.592
40	.531
41	.525
42	.509
43	.528
44	.574
45	1.047
46	1.287
47	.964
48	1.115
49	.743
50	.481

51	.435
52	.804
53	.269
54	.568
55	.700
56	.718
57	.528
58	.380
59	1.548
60	.571
61	.561
62	.687
63	.897
64	.574
65	.543
66	.337
67	.810
68	.592

WELL 34/7-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
2382.0    swc        clst        0.56 ( 1)    HF

Comments:

Claystone, barren of vitrinite, contains only inertinitic material

HISTOGRAM 18.1.1985

Channel Symbol # Meas. Mean St.Dev. Coeff. of Var.  
 -----  
 R2 34/7-1,2382.0m,5vk +++++ 26 1.232 .274 .2228

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	0	0.00	
.50	0	0.00	
.55	1	3.85	+++++
.60	0	0.00	
.65	0	0.00	
.70	1	3.85	+++++
.75	0	0.00	
.80	0	0.00	
.85	1	3.85	+++++
.90	0	0.00	
.95	0	0.00	
1.00	1	3.85	+++++
1.05	1	3.85	+++++
1.10	5	19.23	+++++
1.15	2	7.69	+++++
1.20	3	11.54	+++++
1.25	1	3.85	+++++
1.30	3	11.54	+++++
1.35	2	7.69	+++++
1.40	0	0.00	
1.45	0	0.00	
1.50	2	7.69	+++++
1.55	0	0.00	
1.60	0	0.00	
1.65	2	7.69	+++++
1.70	0	0.00	
1.75	1	3.85	+++++
Above	0	0.00	

L I S T      18.1.1985

Channel: R2 34/7-1,2382.0m,Svk

No. of Measurements:    26  
Mean:                    1.232  
Standard Deviation:     .274  
Coeff. of Variation:    .2228

# Meas.	Value
1	1.215
2	1.361
3	1.128
4	1.314
5	1.199
6	.563
7	1.144
8	1.330
9	.706
10	1.088
11	.883
12	1.761
13	1.532
14	1.262
15	1.153
16	1.336
17	1.653
18	1.212
19	1.147
20	1.240
21	1.367
22	1.519
23	1.119
24	1.100
25	1.690
26	1.007

WELL 3477-1

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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	2383.5	swc	clst	0.72 ( 4 )	HF
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Comments:

Claystone, barren of vitrinite, contains only inertinitic material

H I S T O G R A M                      18.1.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-1,2383.5m,Svk	+++++	51	1.290	.346	.2681

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	0	0.00	
.50	0	0.00	
.55	0	0.00	
.60	0	0.00	
.65	1	1.96	+++++
.70	2	3.92	+++++
.75	1	1.96	+++++
.80	1	1.96	+++++
.85	0	0.00	
.90	2	3.92	+++++
.95	0	0.00	
1.00	1	1.96	+++++
1.05	4	7.84	+++++
1.10	4	7.84	+++++
1.15	5	9.80	+++++
1.20	1	1.96	+++++
1.25	6	11.76	+++++
1.30	4	7.84	+++++
1.35	3	5.88	+++++
1.40	5	9.80	+++++
1.45	3	5.88	+++++
1.50	1	1.96	+++++
1.55	3	5.88	+++++
1.60	1	1.96	+++++
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	1	1.96	+++++
2.15	0	0.00	
2.20	1	1.96	+++++
2.25	0	0.00	
2.30	0	0.00	
2.35	0	0.00	
2.40	0	0.00	
2.45	0	0.00	
2.50	1	1.96	+++++
Above	0	0.00	

Channel: R2 34/7-1,2383.5m, Svk

No. of Measurements: 51  
Mean: 1.290  
Standard Deviation: .346  
Coeff. of Variation: .2681

# Meas.	Value
1	1.432
2	1.106
3	.923
4	.721
5	1.404
6	2.149
7	1.497
8	1.488
9	1.293
10	1.041
11	1.106
12	1.528
13	1.429
14	.684
15	1.559
16	1.320
17	1.370
18	1.649
19	1.401
20	1.268
21	1.330
22	.846
23	1.113
24	1.277
25	2.519
26	1.153
27	.752
28	1.367
29	1.184
30	1.091
31	1.078
32	1.305
33	.709
34	1.156
35	1.268
36	1.460
37	1.277
38	1.221
39	1.566
40	1.054
41	1.572
42	.923
43	1.165
44	1.445
45	1.342
46	1.147
47	1.190
48	2.217
49	1.271
50	1.364
51	1.060



WELL 34/7-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
	2385.5	swc	clst	0.43 ( 5)	HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M            22.1.1985

Channel                            Symbol # Meas.    Mean St.Dev. Coeff. of Var.  
-----  
R2 34/7-1,2585.5a,SVK            +++++    52       .958    .353    .3684

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	1	1.92	+++++
.40	2	3.85	+++++
.45	2	3.85	+++++
.50	1	1.92	+++++
.55	2	3.85	+++++
.60	1	1.92	+++++
.65	6	11.54	+++++
.70	4	7.69	+++++
.75	2	3.85	+++++
.80	4	7.69	+++++
.85	2	3.85	+++++
.90	2	3.85	+++++
.95	0	0.00	
1.00	2	3.85	+++++
1.05	0	0.00	
1.10	2	3.85	+++++
1.15	6	11.54	+++++
1.20	1	1.92	+++++
1.25	0	0.00	
1.30	4	7.69	+++++
1.35	3	5.77	+++++
1.40	0	0.00	
1.45	2	3.85	+++++
1.50	0	0.00	
1.55	1	1.92	+++++
1.60	0	0.00	
1.65	2	3.85	+++++
Above	0	0.00	

Channel: R2 34/7-1, 2585.5m, SVK

No. of Measurements: 52  
Mean: .958  
Standard Deviation: .353  
Coeff. of Variation: .3684

# Meas.	Value
1	1.331
2	1.322
3	.828
4	.666
5	1.374
6	.451
7	.390
8	.553
9	.412
10	.553
11	1.043
12	.660
13	1.193
14	1.392
15	.841
16	1.392
17	.789
18	1.346
19	.844
20	.825
21	.614
22	1.003
23	.543
24	1.653
25	1.116
26	.767
27	.740
28	.736
29	.727
30	.687
31	1.343
32	.657
33	.890
34	1.236
35	1.472
36	1.162
37	.430
38	.697
39	.942
40	1.168
41	.902
42	1.156
43	.651
44	1.199
45	.874
46	1.585
47	1.119
48	1.199
49	.458
50	.733
51	1.692
52	1.457

WELL 3477-1

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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	2393.2	swc	clst	-	HF
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Comments:

Claystone, barren of vitrinite



WELL 34/7-2

VITRINITE REFLECTANCE

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro	Preparation
SA 46	1192.0	swc	clst	0.17 ( 2)	HF
SA 17	1281.0	swc	clst	0.26 ( 1)	HF
SA 15	1354.0	swc	clst	0.27 ( 1)	HF
SA 16	1444.0	swc	clst	0.66 ( 4)-	HF
SA 13	1630.0	swc	clst	0.74 ( 2)-	HF
SA 50	1638.0	swc	clst	-	HF
SA 42	1755.0	swc	clst	-	HF
SA 14	1766.0	swc	clst	0.44 ( 8)	HF
SA 43	1786.5	swc	clst	0.37 ( 5)	HF
SA 49	1804.0	swc	clst	0.39 ( 1)	HF
SA 51	1875.0	swc	clst	0.45 ( 9)	HF
SA 45	1905.0	swc	clst	0.42 (11)	HF
SA 41	1940.0	swc	clst	0.39 (17)	HF
SA 30	1947.0	swc	clst	0.33 ( 8)	HF
SA 39	2010.0	swc	clst	0.33 ( 4)	HF
SA 34	2040.0	swc	clst	0.34 (12)	HF
SA 32	2052.0	swc	clst	0.40 ( 5)	HF
SA 40	2056.0	swc	clst	0.42 (25)	HF
SA 36	2075.0	swc	clst	0.41 (17)	HF
SA 38	2083.0	swc	clst	-	HF
SA 53	2125.0	swc	clst	0.38 ( 2)	HF
SA 35	2143.0	swc	clst	0.50 ( 3)	HF
SA 47	2156.0	core	clst	0.39 (12)	HF
SA 57	2159.9	core	clst	0.27 (51)	HF
SA 56	2162.0	core	clst	0.29 (50)	HF
SA 37	2165.5	swc	clst	-	HF
SA 31	2168.3	swc	clst	0.58 ( 2)	HF
SA 48	2168.8	core	clst	0.26 ( 8)	HF
SA 52	2175.8	core	clst	0.34 (44)	HF
SA 33	2187.8	svk	clst	0.43 ( 1)	HF
SA 44	2194.5	svk	clst	0.42 ( 1)	HF
SA 54	2240.0	svk	clst	-	HF

WELL 34/7-2

-----  
SOME MATURITY CHARACTERISTICS  
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Depth at:

Ro = 0.35 : 1800 m

Ro = 0.55 : 3100 m

Ro = 0.70 : -

-----  
Vitrinite reflectance (Ro) at depth:

1000 m : 0.26

2000 m : 0.36

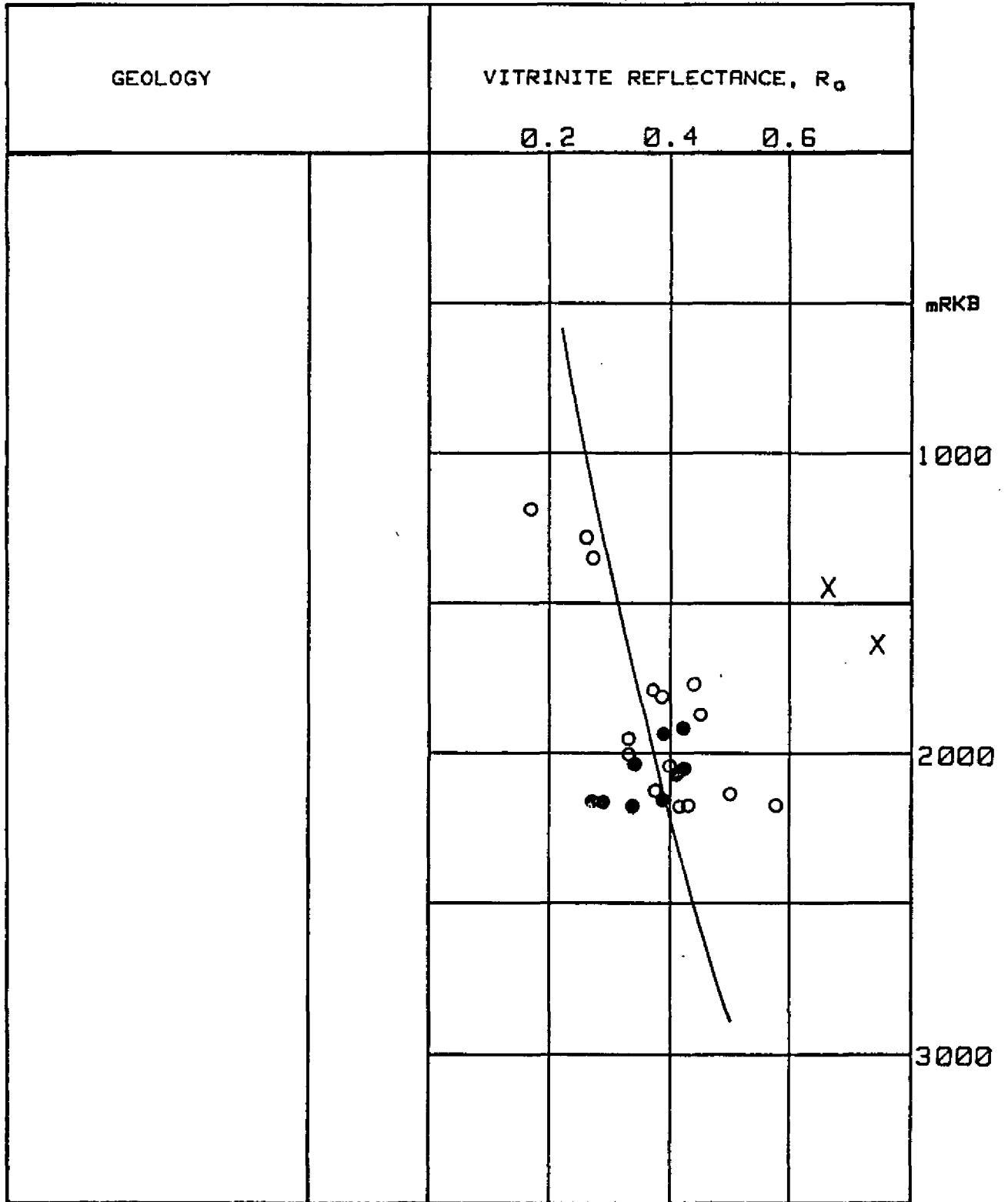
3000 m : 0.52

-----  
Vitrinite reflectance gradient (Ro/100 m)

0.30 - 0.50 : 0.014

0.30 - 0.80 : -  
-----

34/7-2



- LESS THAN 10 READINGS PER SAMPLE
- MORE THAN 10 READINGS PER SAMPLE
- X INERTINITIC MATERIAL



WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 46	1192.0	swc	clst	0.17 ( 2)	HF

-----  
Comments:

Claystone, nearly barren, contains some questionable low reflecting vitrinite

L I S T      5.2.1985

Channel: R3 34/7-2,1192.0m,Svk

No. of Measurements:      3  
Mean:                      .596  
Standard Deviation:        .748  
Coeff. of Variation:       1.2544

# Meas.	Value
1	.209
2	.122
3	1.459

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 17	1281.0	swc	clst	0.26 ( 1)	HF
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Comments:

Claystone, nearly barren, contains some questionable low reflecting vitrinite, small and poor quality particles

HISTOGRAM 4.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R5 34/7-2,1281.0m,5vk ooooo 19 1.090 .772 .7083

Class Counts Perc. 'ooooo'=1Z

Class	Counts	Perc.	'ooooo'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	5.26	oooooooooooooooooooooooooooo
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	2	10.53	oooooooooooooooooooooooooooo
.50	2	10.53	oooooooooooooooooooooooooooo
.55	1	5.26	oooooooooooooooooooooooooooo
.60	2	10.53	oooooooooooooooooooooooooooo
.65	1	5.26	oooooooooooooooooooooooooooo
.70	0	0.00	
.75	0	0.00	
.80	1	5.26	oooooooooooooooooooooooooooo
.85	1	5.26	oooooooooooooooooooooooooooo
.90	1	5.26	oooooooooooooooooooooooooooo
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	2	10.53	oooooooooooooooooooooooooooo
1.40	0	0.00	
1.45	0	0.00	
1.50	1	5.26	oooooooooooooooooooooooooooo
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	1	5.26	oooooooooooooooooooooooooooo
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	2	10.53	oooooooooooooooooooooooooooo
2.00	0	0.00	

L I S T      4.2.1985

Channel: R5 34/7-2, 1281.0m, Svk

No. of Measurements: 19  
Mean: 1.090  
Standard Deviation: .772  
Coeff. of Variation: .7083

# Meas.	Value
1	.548
2	1.394
3	.662
4	1.985
5	.624
6	.583
7	.915
8	.630
9	1.988
10	1.524
11	3.393
12	1.353
13	.510
14	.258
15	.877
16	.473
17	.801
18	1.704
19	.488

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 15	1354.0	swc	clst	0.27 ( 1)	HF

Comments:

Claystone, nearly barren, contains some questionable low reflecting vitrinite, small and poor quality particles

L I S T      4.2.1985

Channel: R3 34/7-2,1354.0m, Svk

No. of Measurements: 7  
Mean: 1.090  
Standard Deviation: .693  
Coeff. of Variation: .6358

# Meas.	Value
1	2.436
2	.901
3	.901
4	.586
5	.273
6	1.344
7	1.186

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 16	1444.0	swc	clst	0.66 ( 4)	HF

-----  
Comments:

Claystone, barren of vitrinite



L I S T      4.2.1985

Channel: R4 34/7-2,1444.0m, Svk

No. of Measurements:      4  
    Mean:                    .656  
Standard Deviation:        .144  
Coeff. of Variation:       .2196

# Meas.	Value
1	.858
2	.533
3	.576
4	.657

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 13	1630.0	swc	clst	0.74 ( 2)	HF

-----  
Comments:

Claystone, barren of vitrinite

L I S T      4.2.1985

Channel: R2 34/7-2, 1630.0m, Svk

No. of Measurements:      2  
Mean:                      .739  
Standard Deviation:        .260  
Coeff. of Variation:        .3525

# Meas.	Value
1	.923
2	.555

WELL 3477-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 50    1638.0    .swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 42	1755.0	swc	clst	-	HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 14	1766.0	swc	clst	0.44 ( 8)	HF

-----  
Comments:

Claystone, nearly barren of vitrinite, contains only a few  
and poor quality particles

HISTOGRAM 4.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R4 34/7-2,1766.0m,Svk xxxxx 50 .759 .331 .4366

Class Counts Perc. 'xxxxx'=1%

Class	Counts	Perc.	'xxxxx'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	2	4.00	xxxxxxxxxxxxxxxxxxxx
.40	2	4.00	xxxxxxxxxxxxxxxxxxxx
.45	4	8.00	xx
.50	4	8.00	xx
.55	1	2.00	xxxxxxxxxx
.60	7	14.00	xx
.65	4	8.00	xx
.70	5	10.00	xx
.75	3	6.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.80	7	14.00	xx
.85	3	6.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.90	2	4.00	xxxxxxxxxxxxxxxxxxxx
.95	0	0.00	
1.00	2	4.00	xxxxxxxxxxxxxxxxxxxx
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	1	2.00	xxxxxxxxxx
1.35	1	2.00	xxxxxxxxxx
1.40	1	2.00	xxxxxxxxxx
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	
2.20	0	0.00	
2.25	0	0.00	
2.30	0	0.00	
2.35	0	0.00	
2.40	1	2.00	xxxxxxxxxx
Above	0	0.00	

Channel: R4 34/7-2,1766.0m, Svk

No. of Measurements: 50  
Mean: .759  
Standard Deviation: .331  
Coeff. of Variation: .4366

# Meas.	Value
1	.640
2	.545
3	.662
4	.558
5	.798
6	.649
7	.665
8	.902
9	.728
10	1.012
11	2.427
12	.801
13	.788
14	.820
15	.463
16	.602
17	.709
18	.867
19	.463
20	.612
21	.820
22	1.012
23	1.357
24	.634
25	.668
26	.719
27	1.420
28	.687
29	.810
30	.438
31	.763
32	.375
33	.444
34	.833
35	.892
36	.713
37	.892
38	.476
39	.807
40	.378
41	.634
42	.716
43	.529
44	.826
45	.927
46	1.316
47	.536
48	.630
49	.476
50	.507



WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 43	1786.5	swc	clst	0.37 ( 5)	HF

Comments:

Claystone, nearly barren of vitrinite, contains only a few  
and poor quality particles

HISTOGRAM 15.2.1985

Channel Symbol # Meas. Mean St.Dev. Coeff. of Var.  
 -----  
 R3 34/7-2,1786.5m,Svk ##### 50 .742 .228 .3073

Class Counts Perc. '#####'=1Z

Class	Counts	Perc.	'#####'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	2	4.00	#####
.35	2	4.00	#####
.40	1	2.00	#####
.45	2	4.00	#####
.50	3	6.00	#####
.55	4	8.00	#####
.60	3	6.00	#####
.65	2	4.00	#####
.70	9	18.00	#####
.75	2	4.00	#####
.80	7	14.00	#####
.85	3	6.00	#####
.90	2	4.00	#####
.95	2	4.00	#####
1.00	2	4.00	#####
1.05	2	4.00	#####
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	1	2.00	#####
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	1	2.00	#####
Above	0	0.00	

L I S T      15.2.1985

Channel: R3 34/7-2, 1786.5m, Svk

No. of Measurements:      50  
Mean:                      .742  
Standard Deviation:        .228  
Coeff. of Variation:        .3073

# Meas.	Value
1	.832
2	.548
3	.849
4	.582
5	.991
6	1.082
7	.869
8	.920
9	.754
10	.680
11	.703
12	.717
13	.822
14	.615
15	1.015
16	.873
17	.812
18	1.022
19	.636
20	.541
21	.758
22	.490
23	1.252
24	.815
25	.443
26	.697
27	1.055
28	.852
29	.700
30	.507
31	.649
32	.321
33	.744
34	.747
35	.744
36	.829
37	.355
38	.720
39	.341
40	.558
41	.717
42	.389
43	1.458
44	.470
45	.578
46	.917
47	.964
48	.832
49	.747
50	.571

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 49	1804.0	swc	clst	0.39 ( 1)	HF

-----  
Comments:

Claystone, nearly barren of vitrinite, contains only a few  
and poor quality particles

H I S T O G R A M            15.2.1985

Channel                            Symbol # Meas.    Mean St.Ddev. Coeff. of Var.  
-----  
R5 34/7-2,1804.0m,Svk            ooooo    15    .692    .149    .2160

Class	Counts	Perc.	'o'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	1	6.67	oooooooo
.40	0	0.00	
.45	0	0.00	
.50	1	6.67	oooooooo
.55	2	13.33	oooooooooooo
.60	1	6.67	oooooooo
.65	3	20.00	oooooooooooooooooooo
.70	3	20.00	oooooooooooooooooooo
.75	2	13.33	oooooooooooo
.80	0	0.00	
.85	0	0.00	
.90	1	6.67	oooooooo
.95	1	6.67	oooooooo
Above	0	0.00	

L I S T            15.2.1985

Channel: R5 34/7-2,1804.0m,Svk  
No. of Measurements:    15  
                  Mean:            .692  
Standard Deviation:    .149  
Coeff. of Variation:    .2160

# Meas.	Value
1	.937
2	.732
3	.739
4	.960
5	.558
6	.729
7	.796
8	.699
9	.675
10	.390
11	.665
12	.517
13	.588
14	.776
15	.615

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 51	1875.0	swc	clst	0.45 ( 9)	HF

-----  
Comments:

Claystone, contains some vitrinite, small and poor quality particles

HISTOGRAM 14.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-2,1875.0m,5vk	++++	50	.802	.232	.2897

Class	Counts	Perc.	'++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	2	4.00	+++++
.40	2	4.00	+++++
.45	3	6.00	+++++
.50	2	4.00	+++++
.55	1	2.00	++++
.60	2	4.00	+++++
.65	6	12.00	+++++
.70	2	4.00	+++++
.75	5	10.00	+++++
.80	4	8.00	+++++
.85	1	2.00	++++
.90	7	14.00	+++++
.95	4	8.00	+++++
1.00	5	10.00	+++++
1.05	0	0.00	
1.10	0	0.00	
1.15	1	2.00	++++
1.20	2	4.00	+++++
1.25	0	0.00	
1.30	1	2.00	++++
Above	0	0.00	

Channel: R2 34/7-2, 1875.0m, Svk

No. of Measurements:      50  
 Mean:                      .802  
 Standard Deviation:        .232  
 Coeff. of Variation:       .2897

# Meas.	Value
1	1.247
2	1.037
3	.687
4	.840
5	.807
6	.687
7	.647
8	1.233
9	1.027
10	.957
11	.434
12	.367
13	.444
14	.517
15	.923
16	.754
17	1.017
18	.980
19	.517
20	.570
21	.664
22	.794
23	.824
24	.940
25	.917
26	.903
27	.680
28	.454
29	.883
30	.494
31	.694
32	.917
33	.947
34	.644
35	.757
36	.993
37	.847
38	1.030
39	.454
40	.780
41	.397
42	1.023
43	.790
44	1.187
45	.910
46	.980
47	1.347
48	.687
49	.707
50	.744



WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 45	1905.0	swc	clst	0.42 ( 1)	HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

HISTOGRAM 15.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R2 347-2,1905.0m,5vk	+++++	54	.735	.284	.3866

Class	Counts	Perc.	'+++++'=12
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	1.85	+++++++
.25	0	0.00	
.30	2	3.70	+++++
.35	2	3.70	+++++
.40	2	3.70	+++++
.45	4	7.41	+++++
.50	1	1.85	+++++
.55	5	9.26	+++++
.60	7	12.96	+++++
.65	5	9.26	+++++
.70	2	3.70	+++++
.75	4	7.41	+++++
.80	3	5.56	+++++
.85	3	5.56	+++++
.90	2	3.70	+++++
.95	2	3.70	+++++
1.00	2	3.70	+++++
1.05	2	3.70	+++++
1.10	1	1.85	+++++
1.15	0	0.00	
1.20	0	0.00	
1.25	2	3.70	+++++
1.30	0	0.00	
1.35	1	1.85	+++++
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	1	1.85	+++++
Above	0	0.00	

Channel: R2 34/7-2, 1905.0m, Svk

No. of Measurements: 54  
Mean: .735  
Standard Deviation: .284  
Coeff. of Variation: .3866

# Meas.	Value
1	.754
2	.818
3	.328
4	.561
5	.683
6	1.272
7	.761
8	.521
9	.649
10	1.005
11	.565
12	.778
13	.626
14	.812
15	.318
16	.612
17	.456
18	.385
19	.615
20	.636
21	1.093
22	.720
23	.764
24	.886
25	1.110
26	.416
27	.602
28	.802
29	.666
30	1.394
31	.923
32	.236
33	.978
34	1.059
35	1.292
36	.967
37	.480
38	.910
39	.460
40	1.022
41	.676
42	.571
43	.619
44	.382
45	1.651
46	.852
47	.710
48	.565
49	.487
50	.412
51	.653
52	.585
53	.686
54	.883

WELL 34/7-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 41	1940.0	swc	clst	0.39 (17)	HF
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Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M      17.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R5 34/7-2,1940.0a,Svk	ooooo	50	.702	.295	.4197

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	2.00	oooooooooooo
.30	4	8.00	oo
.35	4	8.00	oo
.40	6	12.00	oo
.45	2	4.00	oooooooooooooooooooooooooooo
.50	4	8.00	oo
.55	3	6.00	oooooooooooooooooooooooooooooooooooo
.60	1	2.00	oooooooooooo
.65	2	4.00	oooooooooooooooooooooooooooo
.70	0	0.00	
.75	2	4.00	oooooooooooooooooooooooooooo
.80	6	12.00	oo
.85	0	0.00	
.90	5	10.00	oo
.95	1	2.00	oooooooooooo
1.00	2	4.00	oooooooooooooooooooooooooooo
1.05	1	2.00	oooooooooooo
1.10	1	2.00	oooooooooooo
1.15	2	4.00	oooooooooooooooooooooooooooo
1.20	1	2.00	oooooooooooo
1.25	1	2.00	oooooooooooo
1.30	1	2.00	oooooooooooo
Above	0	0.00	

L I S T      17.2.1985

Channel: R5 34/7-2,1940.0m,Svk

No. of Measurements:      50  
Mean:                      .702  
Standard Deviation:        .295  
Coeff. of Variation:        .4197

# Meas.	Value
1	.828
2	1.327
3	1.096
4	.828
5	.969
6	.429
7	.335
8	1.233
9	.396
10	.533
11	1.005
12	.439
13	.446
14	.433
15	.945
16	.332
17	.687
18	1.143
19	.938
20	.302
21	.426
22	.687
23	.942
24	1.260
25	.761
26	.804
27	.821
28	.540
29	.814
30	.453
31	.922
32	.275
33	1.190
34	.758
35	.496
36	.392
37	.597
38	.530
39	.567
40	.439
41	.396
42	1.176
43	1.016
44	.928
45	.335
46	.366
47	.536
48	.828
49	.590
50	.630

WELL 3477-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 30    1947.0    swc        clst        0.33 ( 8)    HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles

H I S T O G R A M 13.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-2,1947.0m,Svk	+++++	50	.690	.268	.3882

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	2.00	+++++
.25	2	4.00	+++++
.30	2	4.00	+++++
.35	2	4.00	+++++
.40	1	2.00	+++++
.45	3	6.00	+++++
.50	2	4.00	+++++
.55	6	12.00	+++++
.60	5	10.00	+++++
.65	2	4.00	+++++
.70	5	10.00	+++++
.75	5	10.00	+++++
.80	2	4.00	+++++
.85	3	6.00	+++++
.90	3	6.00	+++++
.95	0	0.00	
1.00	1	2.00	+++++
1.05	0	0.00	
1.10	1	2.00	+++++
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	1	2.00	+++++
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	1	2.00	+++++
Above	0	0.00	



L I S T      13.2.1985

Channel: R2 34/7-2,1947.0m,Svk

No. of Measurements:      50  
Mean:                      .690  
Standard Deviation:        .268  
Coeff. of Variation:        .3882

# Meas.	Value
1	.508
2	.383
3	.694
4	.640
5	.569
6	.619
7	.366
8	.532
9	.343
10	.592
11	.603
12	.856
13	.569
14	.775
15	.555
16	.305
17	.272
18	.798
19	.630
20	.241
21	.481
22	.741
23	.910
24	.846
25	1.693
26	.471
27	.795
28	.862
29	.576
30	.265
31	.903
32	.876
33	.700
34	.778
35	.714
36	.711
37	.491
38	.886
39	.677
40	.943
41	.835
42	1.129
43	.599
44	.879
45	.788
46	1.035
47	1.321
48	.440
49	.711
50	.603

WELL 34/7-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 39    2010.0    swc        clst        0.33 ( 4)    HF

Comments:

Claystone, nearly barren of vitrinite, small and poor quality particles

HISTOGRAM 8.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R5 34/7-2,2010.0m,5vk ooooo 50 .831 .264 .3181

Class	Counts	Perc.	'ooooo'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	2.00	oooooooooooo
.30	2	4.00	oooooooooooooooooooo
.35	1	2.00	oooooooooooo
.40	0	0.00	
.45	0	0.00	
.50	1	2.00	oooooooooooo
.55	4	8.00	oo
.60	2	4.00	oooooooooooooooooooo
.65	4	8.00	oo
.70	4	8.00	oo
.75	5	10.00	oo
.80	3	6.00	oooooooooooooooooooooooooooo
.85	4	8.00	oo
.90	5	10.00	oo
.95	3	6.00	oooooooooooooooooooooooooooo
1.00	2	4.00	oooooooooooooooooooo
1.05	1	2.00	oooooooooooo
1.10	1	2.00	oooooooooooo
1.15	1	2.00	oooooooooooo
1.20	2	4.00	oooooooooooooooooooo
1.25	2	4.00	oooooooooooooooooooo
1.30	1	2.00	oooooooooooo
1.35	0	0.00	
1.40	1	2.00	oooooooooooo
Above	0	0.00	

Channel: R5 34/7-2,2010.0m, Svk

No. of Measurements: 50  
Mean: .831  
Standard Deviation: .264  
Coeff. of Variation: .3181

# Meas.	Value
1	1.286
2	1.049
3	.759
4	.933
5	.766
6	.568
7	.815
8	.733
9	.822
10	.868
11	.315
12	.275
13	1.035
14	.687
15	.608
16	.980
17	.644
18	1.440
19	.667
20	.581
21	1.282
22	.390
23	.565
24	1.095
25	.920
26	.854
27	.924
28	.729
29	.683
30	.673
31	.769
32	.907
33	.769
34	.331
35	.986
36	.986
37	1.203
38	.739
39	1.151
40	.924
41	.532
42	.782
43	.552
44	1.144
45	1.220
46	1.325
47	.848
48	.854
49	.871
50	.706

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 34    2040.0    swc        clst        0.34 (12)    HF

Comments:

Claystone, nearly barren of vitrinite, small and poor quality particles

HISTOGRAM 8.2.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-2,2040.0m,Svk	+++++	52	.642	.231 .3606

Class	Counts	Perc.	'+++++'=i%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	3	5.77	+++++
.30	3	5.77	+++++
.35	6	11.54	+++++
.40	0	0.00	
.45	4	7.69	+++++
.50	2	3.85	+++++
.55	5	9.62	+++++
.60	2	3.85	+++++
.65	7	13.46	+++++
.70	2	3.85	+++++
.75	5	9.62	+++++
.80	3	5.77	+++++
.85	3	5.77	+++++
.90	2	3.85	+++++
.95	1	1.92	+++++
1.00	3	5.77	+++++
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	1	1.92	+++++
Above	0	0.00	

Channel: R2 34/7-2,2040.0m, Svk

No. of Measurements: 52  
Mean: .642  
Standard Deviation: .231  
Coeff. of Variation: .3606

# Meas.	Value
1	.782
2	1.213
3	1.035
4	.766
5	.617
6	.499
7	.489
8	.354
9	.463
10	.288
11	.976
12	.325
13	.357
14	.456
15	.325
16	.555
17	.831
18	.627
19	.397
20	1.012
21	.690
22	.552
23	.950
24	.789
25	1.016
26	.723
27	.677
28	.657
29	.558
30	.759
31	.950
32	.252
33	.598
34	.881
35	.650
36	.739
37	.805
38	.690
39	.687
40	.334
41	.288
42	.818
43	.578
44	.854
45	.785
46	.874
47	.354
48	.542
49	.374
50	.660
51	.525
52	.387

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 32    2052.0    swc    clst    0.40 ( 5)    HF

Comments:

Claystone, contains some vitrinite, small and poor quality particles





Channel: R4 34/7-2, 2052.0m, Svk

No. of Measurements: 51  
Mean: .757  
Standard Deviation: .314  
Coeff. of Variation: .4143

# Meas.	Value
1	2.135
2	.611
3	1.224
4	.591
5	.705
6	1.040
7	1.104
8	1.010
9	.333
10	1.074
11	.437
12	.571
13	.792
14	.605
15	.695
16	.608
17	.819
18	.561
19	.595
20	.477
21	.742
22	.819
23	.889
24	.856
25	.910
26	.695
27	1.107
28	.755
29	.638
30	.662
31	.364
32	.990
33	.826
34	.658
35	1.348
36	.595
37	.836
38	.504
39	.578
40	.856
41	.400
42	.189
43	.246
44	1.070
45	1.013
46	.645
47	.809
48	.595
49	.598
50	.792
51	.635

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

ample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 40	2056.0	swc	clst	0.42 (25)	HF

-----  
Comments:

Claystone, contains some vitrinite, small and poor quality particles



Channel: R5 34/7-2, 2056.0m, SvK

No. of Measurements: 51  
Mean: .569  
Standard Deviation: .222  
Coeff. of Variation: .3899

# Meas.	Value
1	.613
2	.364
3	.795
4	.434
5	.540
6	.175
7	.152
8	.460
9	.364
10	.387
11	.358
12	.384
13	.384
14	.785
15	.676
16	1.296
17	.424
18	.815
19	.520
20	.417
21	.888
22	.513
23	.490
24	.464
25	.417
26	.623
27	.580
28	.311
29	.593
30	.480
31	.686
32	.477
33	.805
34	.719
35	.619
36	.881
37	.444
38	.437
39	1.024
40	.726
41	1.041
42	.716
43	.590
44	.384
45	.656
46	.779
47	.424
48	.414
49	.586
50	.600
51	.321

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 36    2075.0    swc    clst    0.41 (17)    HF

Comments:

Claystone, contains some vitrinite, difficult identification

HISTOGRAM 12.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R4 34/7-2,2075.0m,Svk xxxxx 50 .681 .279 .4094

Class	Counts	Perc.	'xxxxx'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	2	4.00	xxxxxxxxxxxxxxxxxxxx
.25	0	0.00	
.30	5	10.00	xx
.35	2	4.00	xxxxxxxxxxxxxxxxxxxx
.40	5	10.00	xx
.45	4	8.00	xx
.50	1	2.00	xxxxxxxxxx
.55	1	2.00	xxxxxxxxxx
.60	3	6.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.65	2	4.00	xxxxxxxxxxxxxxxxxxxx
.70	5	10.00	xx
.75	4	8.00	xx
.80	3	6.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.85	2	4.00	xxxxxxxxxxxxxxxxxxxx
.90	1	2.00	xxxxxxxxxx
.95	2	4.00	xxxxxxxxxxxxxxxxxxxx
1.00	3	6.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
1.05	2	4.00	xxxxxxxxxxxxxxxxxxxx
1.10	0	0.00	
1.15	0	0.00	
1.20	2	4.00	xxxxxxxxxxxxxxxxxxxx
1.25	0	0.00	
1.30	0	0.00	
1.35	1	2.00	xxxxxxxxxx
Above	0	0.00	

Channel: R4 34/7-2,2075.0m, Svk

No. of Measurements: 50  
 Mean: .681  
 Standard Deviation: .279  
 Coeff. of Variation: .4094

# Meas.	Value
1	.603
2	1.018
3	.474
4	1.058
5	.977
6	.498
7	1.223
8	1.362
9	.765
10	.441
11	.407
12	.444
13	.343
14	.893
15	.754
16	.390
17	.340
18	.724
19	.950
20	.360
21	.802
22	.701
23	.846
24	1.065
25	.694
26	.731
27	.744
28	1.045
29	.474
30	.798
31	1.018
32	.620
33	1.240
34	.852
35	.778
36	.916
37	.410
38	.572
39	.245
40	.323
41	.603
42	.802
43	.441
44	.336
45	.532
46	.248
47	.343
48	.707
49	.454
50	.677



WELL 34/7-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 38    2083.0    swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 53	2125.0	swc	clst	0.38 ( 2)	HF
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Comments:

Claystone, nearly barren of vitrinite, contains some small and poor quality particles

H I S T O G R A M            8.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R3 34/7-2,2125.0m,Svk	#####	52	.891	.361	.4048

Class	Counts	Perc.	'#####'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	2	3.85	#####
.15	0	0.00	
.20	1	1.92	#####
.25	0	0.00	
.30	0	0.00	
.35	2	3.85	#####
.40	0	0.00	
.45	2	3.85	#####
.50	2	3.85	#####
.55	2	3.85	#####
.60	2	3.85	#####
.65	2	3.85	#####
.70	2	3.85	#####
.75	1	1.92	#####
.80	3	5.77	#####
.85	1	1.92	#####
.90	7	13.46	#####
.95	4	7.69	#####
1.00	6	11.54	#####
1.05	2	3.85	#####
1.10	2	3.85	#####
1.15	1	1.92	#####
1.20	2	3.85	#####
1.25	0	0.00	
1.30	2	3.85	#####
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	2	3.85	#####
1.65	1	1.92	#####
1.70	1	1.92	#####
Above	0	0.00	

Channel: R3 34/7-2, 2125.0m, Svk

No. of Measurements: 52  
Mean: .891  
Standard Deviation: .361  
Coeff. of Variation: .4048

# Meas.	Value
1	1.640
2	1.010
3	.142
4	.923
5	.956
6	.146
7	.511
8	.464
9	1.308
10	1.027
11	.712
12	1.090
13	.695
14	1.214
15	.464
16	.906
17	.987
18	1.208
19	.682
20	.846
21	.812
22	.799
23	.226
24	.940
25	.946
26	.568
27	1.030
28	.930
29	1.110
30	.618
31	.507
32	.983
33	1.328
34	1.077
35	1.017
36	1.013
37	.377
38	.933
39	1.680
40	.571
41	1.110
42	1.737
43	.718
44	.812
45	.899
46	.950
47	1.606
48	.377
49	1.017
50	.601
51	1.154
52	.953

WELL 3477-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
CA 35    2143.0    swc        clst        0.50 ( 3)        HF

Comments:

Claystone, nearly barren of vitrinite, contains some small  
and poor quality particles

H I S T O G R A M            15.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-2,2143.0m, Svk	xxxxx	7	.596	.221	.3704

Class	Counts	Perc.	'x'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	14.29	xxxxxxxxxxxxx
.30	0	0.00	
.35	0	0.00	
.40	1	14.29	xxxxxxxxxxxxx
.45	0	0.00	
.50	2	28.57	xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.55	0	0.00	
.60	0	0.00	
.65	1	14.29	xxxxxxxxxxxxx
.70	0	0.00	
.75	1	14.29	xxxxxxxxxxxxx
.80	0	0.00	
.85	0	0.00	
.90	0	0.00	
.95	1	14.29	xxxxxxxxxxxxx
Above	0	0.00	

L I S T            15.2.1985

Channel: R4 34/7-2,2143.0m, Svk  
 No. of Measurements: 7  
 Mean: .596  
 Standard Deviation: .221  
 Coeff. of Variation: .3704

# Meas.	Value
1	.293
2	.517
3	.668
4	.541
5	.762
6	.430
7	.957

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 47 2156.0 core clst 0.39 (12) HF

Comments:

Claystone, contains some vitrinite, small  
and poor quality particles

HISTOGRAM 8.2.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R4 34/7-2,2156.0m,5vk	xxxxx 66	.767	.575	.7492

Class	Counts	Perc.	'xxxxx'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	2	3.03	xxxxxxxxxxxxxx
.20	2	3.03	xxxxxxxxxxxxxx
.25	8	12.12	xx
.30	3	4.55	xxxxxxxxxxxxxx
.35	4	6.06	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.40	4	6.06	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.45	1	1.52	xxxxxxx
.50	0	0.00	
.55	2	3.03	xxxxxxxxxxxxxx
.60	2	3.03	xxxxxxxxxxxxxx
.65	5	7.58	xx
.70	5	7.58	xx
.75	4	6.06	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.80	3	4.55	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.85	2	3.03	xxxxxxxxxxxxxx
.90	1	1.52	xxxxxxx
.95	2	3.03	xxxxxxxxxxxxxx
1.00	4	6.06	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
1.05	1	1.52	xxxxxxx
1.10	2	3.03	xxxxxxxxxxxxxx
1.15	3	4.55	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
1.20	0	0.00	
1.25	1	1.52	xxxxxxx
1.30	0	0.00	
1.35	1	1.52	xxxxxxx
1.40	1	1.52	xxxxxxx
1.45	0	0.00	
1.50	1	1.52	xxxxxxx
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	0	0.00	
2.15	0	0.00	
2.20	0	0.00	
2.25	0	0.00	
2.30	0	0.00	
2.35	0	0.00	
2.40	0	0.00	
2.45	0	0.00	



L I S T      8.2.1985

Channel: R4 34/7-2,2156.0m, Svk

No. of Measurements: 66  
Mean: .767  
Standard Deviation: .575  
Coeff. of Variation: .7492

# Meas.	Value
1	2.839
2	1.118
3	1.542
4	.321
5	.282
6	1.174
7	1.065
8	1.026
9	3.800
10	1.012
11	.443
12	.288
13	.756
14	1.003
15	.552
16	.305
17	.397
18	.193
19	.687
20	.492
21	.986
22	.719
23	.654
24	.848
25	1.190
26	.937
27	.650
28	.232
29	.608
30	.749
31	.390
32	.798
33	.874
34	1.147
35	.953
36	.640
37	.278
38	1.391
39	.719
40	.288
41	.259
42	.861
43	.677
44	1.045
45	.568
46	.723
47	.232
48	.440
49	.782
50	.374

51	.808
52	.400
53	.680
54	.838
55	.361
56	.427
57	1.170
58	.746
59	.795
60	1.424

61	.282
62	.344
63	.196
64	.288
65	.288
66	1.289

WELL 34/7-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 57    2159.9    core    clst    0.27 (51)    HF

Comments:

Claystone, contains abundant vitrinite (humunite), could  
be mud additive

HISTOGRAM 12.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-2,2159.9a,5vk	+++++	51	.266	.038 .1437

Class	Counts	Perc.	'+'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	2	3.92	++++
.20	15	29.41	+++++
.25	26	50.98	+++++
.30	6	11.76	+++++
.35	2	3.92	++++
Above	0	0.00	

Channel: R2 34/7-2,2159.9m, Svk

No. of Measurements: 51  
 Mean: .266  
 Standard Deviation: .038  
 Coeff. of Variation: .1437

# Meas.	Value
1	.282
2	.235
3	.235
4	.242
5	.218
6	.235
7	.289
8	.245
9	.272
10	.238
11	.272
12	.208
13	.272
14	.238
15	.205
16	.272
17	.306
18	.272
19	.272
20	.323
21	.313
22	.201
23	.282
24	.255
25	.309
26	.275
27	.275
28	.289
29	.279
30	.198
31	.232
32	.299
33	.309
34	.279
35	.377
36	.272
37	.272
38	.272
39	.181
40	.235
41	.232
42	.272
43	.265
44	.272
45	.306
46	.272
47	.245
48	.272
49	.275
50	.269
51	.367

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 56	2162.0	core	clst	0.29 (50)	HF

-----  
Comments:

Claystone, contains abundant vitrinite (humunite), could  
be mud additive

HISTOGRAM 17.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R4 34/7-2,2162.0a,Kje	xxxxx	50	.285	.039	.1379

Class	Counts	Perc.	'x'=1Z
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	1	2.00	**
.20	9	18.00	xxxxxxxxxxxxxxxxxxxx
.25	21	42.00	xxxxxxxxxxxxxxxxxxxx
.30	16	32.00	xxxxxxxxxxxxxxxxxxxx
.35	3	6.00	xxxxxx
Above	0	0.00	

L I S T 17.2.1985

Channel: R4 34/7-2,2162.0m,Kje

No. of Measurements: 50  
Mean: .285  
Standard Deviation: .039  
Coeff. of Variation: .1379

# Meas.	Value
1	.238
2	.191
3	.238
4	.302
5	.238
6	.325
7	.275
8	.292
9	.295
10	.228
11	.309
12	.302
13	.255
14	.299
15	.262
16	.292
17	.339
18	.268
19	.265
20	.305
21	.275
22	.215
23	.268
24	.305
25	.355
26	.262
27	.299
28	.295
29	.342
30	.355
31	.302
32	.295
33	.349
34	.332
35	.335
36	.312
37	.302
38	.268
39	.299
40	.238
41	.268
42	.282
43	.309
44	.262
45	.302
46	.258
47	.245
48	.225
49	.235
50	.362



WELL 34/7-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 37    2165.5    swc        clst        -            HF

Comments:

Claystone, barren of vitrinite

WELL 3477-2

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 31	2168.3	swc	clst	0.58 ( 2)	HF

-----  
Comments:

Claystone, barren of vitrinite

H I S T O G R A M            8.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-2,2168.3m,Svk	+++++	22	.798	.114 .1435

Class    Counts   Perc.   '+++++'=1%

Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	0	0.00	
.50	0	0.00	
.55	2	9.09	+++++
.60	0	0.00	
.65	2	9.09	+++++
.70	4	18.18	+++++
.75	3	13.64	+++++
.80	4	18.18	+++++
.85	3	13.64	+++++
.90	3	13.64	+++++
.95	0	0.00	
1.00	1	4.55	+++++
Above	0	0.00	

L I S T      8.2.1985

Channel: R2 34/7-2, 2168.3m, Svk

No. of Measurements:      22  
Mean:                      .798  
Standard Deviation:        .114  
Coeff. of Variation:        .1435

# Meas.	Value
1	.655
2	.809
3	.913
4	.792
5	.598
6	.568
7	.742
8	.849
9	.950
10	.786
11	.913
12	.883
13	.678
14	.718
15	.735
16	.749
17	.819
18	.799
19	1.040
20	.856
21	.806
22	.896

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 48	2168.8	core	clst	0.26 ( 8)	HF

-----  
Comments:

Claystone, contains some vitrinite, poor particle quality,  
could be mud additive

HISTOGRAM 13.2.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R3 34/7-2,2168.8m,Kje	####	52	.713	.351 .4920

Class Counts Perc. '#####'=12

Class	Counts	Perc.	'#####'=12
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	1	1.92	#####
.15	1	1.92	#####
.20	2	3.85	#####
.25	1	1.92	#####
.30	2	3.85	#####
.35	0	0.00	
.40	1	1.92	#####
.45	0	0.00	
.50	7	13.46	#####
.55	7	13.46	#####
.60	6	11.54	#####
.65	7	13.46	#####
.70	5	9.62	#####
.75	0	0.00	
.80	0	0.00	
.85	0	0.00	
.90	1	1.92	#####
.95	1	1.92	#####
1.00	1	1.92	#####
1.05	0	0.00	
1.10	2	3.85	#####
1.15	0	0.00	
1.20	0	0.00	
1.25	2	3.85	#####
1.30	0	0.00	
1.35	2	3.85	#####
1.40	0	0.00	
1.45	1	1.92	#####
1.50	0	0.00	
1.55	1	1.92	#####
1.60	1	1.92	#####
Above	0	0.00	

Channel: R3 34/7-2, 2168.8m, Kje

No. of Measurements: .52  
Mean: .713  
Standard Deviation: .351  
Coeff. of Variation: .4920

# Meas.	Value
1	.599
2	.680
3	.238
4	.137
5	.528
6	.305
7	.636
8	.255
9	.569
10	1.352
11	.572
12	1.288
13	.528
14	.197
15	1.288
16	.687
17	.684
18	.646
19	.616
20	.302
21	1.561
22	.744
23	.744
24	.673
25	.724
26	.630
27	.927
28	.630
29	1.008
30	1.146
31	.515
32	.572
33	.660
34	.613
35	.954
36	.589
37	.576
38	1.615
39	.731
40	1.109
41	.741
42	.569
43	.238
44	.515
45	.677
46	1.463
47	1.392
48	.667
49	.440
50	.511
51	.501
52	.538

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 52	2175.8	core	clst	0.34 (44)	HF

-----  
Comments:

Claystone, abundant vitrinite (huminite), good particle  
quality, could be mud additive



HISTOGRAM 12.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R5 34/7-2,2175.8m,Kje	00000 50	.406	.205	.5060

Class	Counts	Perc.	'σ'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	2	4.00	oooo
.30	29	58.00	oo
.35	12	24.00	oooooooooooooooooooooooooooo
.40	1	2.00	oo
.45	0	0.00	
.50	0	0.00	
.55	0	0.00	
.60	0	0.00	
.65	2	4.00	oooo
.70	0	0.00	
.75	0	0.00	
.80	0	0.00	
.85	1	2.00	oo
.90	1	2.00	oo
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	1	2.00	oo
1.15	1	2.00	oo
Above	0	0.00	

Channel: R5 34/7-2, 2175.8m, Kje

No. of Measurements: 50  
Mean: .406  
Standard Deviation: .205  
Coeff. of Variation: .5060

# Meas.	Value
1	.340
2	.286
3	.306
4	.333
5	.302
6	.333
7	1.146
8	.373
9	.340
10	.876
11	.694
12	.677
13	.306
14	.306
15	.340
16	.313
17	.336
18	.377
19	.319
20	.340
21	1.176
22	.340
23	.306
24	.340
25	.373
26	.377
27	.309
28	.404
29	.316
30	.340
31	.373
32	.947
33	.306
34	.302
35	.272
36	.302
37	.306
38	.336
39	.309
40	.370
41	.356
42	.350
43	.377
44	.367
45	.373
46	.367
47	.340
48	.370
49	.309
50	.340

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 33	2187.8	swc	clst	0.43 ( 1)	HF

-----  
Comments:

Claystone, nearly barren of vitrinite, contains only small  
and poor quality particles

H I S T O G R A M            15.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-2,2187.8m,Svk	xxxxx	10	.804	.154	.1922

Class    Counts    Perc.    'x'=1%

Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	1	10.00	xxxxxxxxxx
.45	0	0.00	
.50	0	0.00	
.55	0	0.00	
.60	0	0.00	
.65	0	0.00	
.70	1	10.00	xxxxxxxxxx
.75	3	30.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.80	0	0.00	
.85	2	20.00	xxxxxxxxxxxxxxxxxxxxxxxx
.90	2	20.00	xxxxxxxxxxxxxxxxxxxxxxxx
.95	1	10.00	xxxxxxxxxx
Above	0	0.00	

L I S T            15.2.1985

Channel: R4 34/7-2,2187.8m,Svk  
 No. of Measurements: 10  
 Mean: .804  
 Standard Deviation: .154  
 Coeff. of Variation: .1922

# Meas.	Value
1	.873
2	.917
3	.934
4	.866
5	.744
6	.798
7	.426
8	.964
9	.751
10	.764

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 44	2194.5	swc	clst	0.42 ( 1)	HF

Comments:

Claystone, nearly barren of vitrinite, contains only small and poor quality particles

H I S T O G R A M      5.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-2,2194.5m,Svk	+++++	15	.875	.170	.1946

Class	Counts	Perc.	' $\sigma$ '=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	1	6.67	+++++++
.45	0	0.00	
.50	0	0.00	
.55	0	0.00	
.60	0	0.00	
.65	0	0.00	
.70	1	6.67	+++++++
.75	2	13.33	+++++++
.80	1	6.67	+++++++
.85	3	20.00	+++++++
.90	3	20.00	+++++++
.95	0	0.00	
1.00	2	13.33	+++++++
1.05	1	6.67	+++++++
1.10	1	6.67	+++++++
Above	0	0.00	

L I S T      5.2.1985

Channel: R2 34/7-2,2194.5m,Svk  
 No. of Measurements: 15  
 Mean: .875  
 Standard Deviation: .170  
 Coeff. of Variation: .1946

# Meas.	Value
1	.916
2	1.029
3	.860
4	.764
5	1.110
6	.845
7	.904
8	.717
9	.863
10	.415
11	.935
12	.879
13	1.091
14	1.004
15	.792

WELL 34/7-2

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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-----  
SA 54 2240.0 swc clst - HF

Comments:

Claystone, barren of vitrinite





WELL 3477-3

-----  
VITRINITE REFLECTANCE

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro	Preparation
SA 73	1055.0	swc	clst	-	HF
SA 74	1135.0	swc	clst	0.26 ( 8)	HF
SA 67	1195.0	swc	clst	-	HF
SA 79	1335.0	swc	clst	-	HF
SA 64	1455.0	swc	clst	-	HF
SA 80	1595.0	swc	clst	-	HF
SA 77	1668.0	swc	clst	-	HF
SA 65	1677.0	swc	clst	-	HF
SA 76	1760.0	swc	clst	-	HF
SA 68	1825.0	swc	clst	0.55 ( 1)-	HF
SA 55	1830.5	swc	clst	0.33 (13)	HF
SA 69	1831.0	swc	clst	-	HF
SA 81	1850.0	swc	clst	-	HF
SA 66	1955.0	swc	clst	-	HF
SA 71	2025.0	swc	clst	0.39 ( 3)	HF
SA 83	2150.0	swc	clst	0.45 ( 5)	HF
SA 63	2260.0	swc	clst	0.43 (30)	HF
SA 78	2355.1	swc	clst	0.45 ( 1)	HF
SA 70	2364.0	swc	clst	0.55 (18)	HF
SA 72	2367.0	swc	clst	0.45 (12)	HF
SA 58	2452.0	core	clst	0.47 ( 1)	HF
SA 82	2452.1	core	clst	0.48 ( 6)	HF
SA 62	2452.5	core	clst	0.28 (37)	HF
SA 61	2453.0	core	clst	0.42 (51)	HF
SA 59	2493.5	core	clst	0.42 ( 1)	HF
SA 60	2522.5	core	clst	-	HF

WELL 34/7-3

-----  
SOME MATURITY CHARACTERISTICS  
-----

Depth at:

Ro = 0.35 : 1800 m

Ro = 0.55 : 3100 m

Ro = 0.70 : -

-----  
Vitrinite reflectance (Ro) at depth:

1000 m : 0.26

2000 m : 0.36

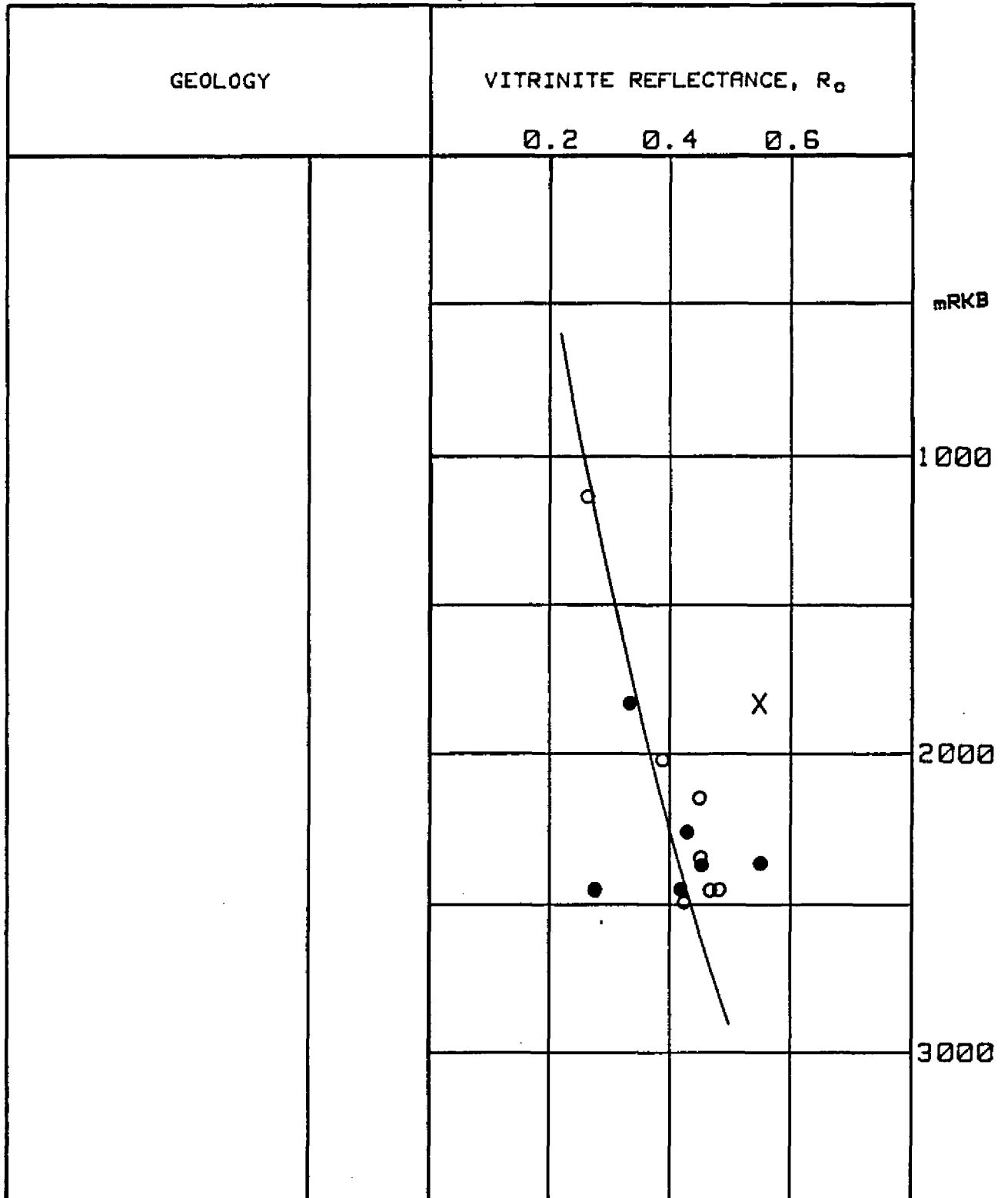
3000 m : 0.52

-----  
Vitrinite reflectance gradient (Ro/100 m)

0.30 - 0.50 : 0.014

0.30 - 0.80 : -  
-----

34/7-3



- LESS THAN 10 READINGS PER SAMPLE
- MORE THAN 10 READINGS PER SAMPLE
- X INERTINITIC MATERIAL

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 73    1055.0    swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 74	1135.0	swc	clst	0.26 ( 8)	HF

Comments:

Claystone, contains some low reflecting vitrinite

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 79	1335.0	swc	clst	-	HF
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Comments:

Claystone, barren of vitrinite

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 64    1455.0    swc        clst        -            HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 80	1595.0	swc	clst	-	HF

Comments:

Claystone, barren of vitrinite



WELL 34/7 3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 77	1668.0	swc	clst	-	HF
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Comments:

Claystone, barren of vitrinite

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 65    1677.0    swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 76    1760.0    swc    clst    -    HF

Comments:

Claystone, barren of vitrinite

WELL 3477-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 68    1825.0    swc        clst        0.55 ( 1)-    HF

Comments:

Claystone, barren of vitrinite

H I S T O G R A M

11.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-3,1825.0m,5vk	xxxxx 4	1.002	.391	.3900

Class	Counts	Perc.	'x'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	0	0.00	
.45	0	0.00	
.50	1	25.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
.55	0	0.00	
.60	0	0.00	
.65	0	0.00	
.70	0	0.00	
.75	0	0.00	
.80	0	0.00	
.85	1	25.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	1	25.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	1	25.00	xxxxxxxxxxxxxxxxxxxxxxxxxxxx
Above	0	0.00	

L I S T

11.2.1985

Channel: R4 34/7-3,1825.0m,5vk

No. of Measurements: 4  
 Mean: 1.002  
 Standard Deviation: .391  
 Coeff. of Variation: .3900

# Meas.	Value
1	.548
2	1.149
3	.854
4	1.458

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 55	1830.5	swc	clst	0.33 (13)	HF

Comments:

Claystone, contains some vitrinite, poor particle quality

H I S T O G R A M            11.2.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R3 34/7-2,1830.5m,Svk	####	50	.707	.331 .4679

Class    Counts   Perc.   '#####'=1%

Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	2.00	#####
.25	3	6.00	#####
.30	5	10.00	#####
.35	3	6.00	#####
.40	1	2.00	#####
.45	1	2.00	#####
.50	3	6.00	#####
.55	3	6.00	#####
.60	4	8.00	#####
.65	2	4.00	#####
.70	4	8.00	#####
.75	2	4.00	#####
.80	5	10.00	#####
.85	2	4.00	#####
.90	1	2.00	#####
.95	1	2.00	#####
1.00	1	2.00	#####
1.05	1	2.00	#####
1.10	0	0.00	
1.15	4	8.00	#####
1.20	0	0.00	
1.25	1	2.00	#####
1.30	1	2.00	#####
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	1	2.00	#####
Above	0	0.00	

Channel: R3 34/7-2, 1830.5m, Svk

No. of Measurements: 50  
Mean: .707  
Standard Deviation: .331  
Coeff. of Variation: .4679

# Meas.	Value
1	.447
2	.914
3	.595
4	.548
5	.538
6	.840
7	.874
8	1.267
9	.729
10	.840
11	.262
12	.239
13	.880
14	.592
15	.612
16	1.156
17	.743
18	.827
19	.679
20	1.156
21	.608
22	.544
23	1.166
24	.733
25	.833
26	.605
27	1.180
28	.803
29	.568
30	1.048
31	.753
32	1.811
33	.773
34	.726
35	.343
36	.343
37	.319
38	.319
39	.306
40	.272
41	.286
42	.649
43	.652
44	1.327
45	1.079
46	.484
47	.380
48	.370
49	.390
50	.951



WELL 3477-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 69	1831.0	swc	clst	-	HF
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Comments:

Claystone, barren of vitrinite

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 81	1850.0	swc	clst	-	HF

Comments:

Claystone, barren of vitrinite

WELL 3477-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

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SA 66	1955.0	swc	clst	-	HF
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Comments:

Claystone, barren of vitrinite

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

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SA 71	2035.0	swc	clst	0.39 ( 3)	HF
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Comments:

Claystone, nearly barren of vitrinite, only some few small  
poor quality particles

H I S T O G R A M            16.2.1985

Channel	Symbol	# Meas.	Mean	St.Ddev.	Coeff. of Var.
R2 34/7-3,2035.0m,5vk	+++++	50	.878	.272	.3094

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	2.00	+++++++
.30	0	0.00	
.35	2	4.00	+++++
.40	1	2.00	+++++++
.45	0	0.00	
.50	2	4.00	+++++
.55	0	0.00	
.60	2	4.00	+++++
.65	3	6.00	+++++
.70	6	12.00	+++++
.75	6	12.00	+++++
.80	3	6.00	+++++
.85	2	4.00	+++++
.90	2	4.00	+++++
.95	4	8.00	+++++
1.00	3	6.00	+++++
1.05	2	4.00	+++++
1.10	0	0.00	
1.15	3	6.00	+++++
1.20	2	4.00	+++++
1.25	3	6.00	+++++
1.30	0	0.00	
1.35	3	6.00	+++++
Above	0	0.00	

Channel: R2 34/7-3, 2035.0m, Svk

No. of Measurements: 50  
Mean: .878  
Standard Deviation: .272  
Coeff. of Variation: .3094

# Meas.	Value
1	.751
2	1.254
3	.962
4	.657
5	.540
6	1.277
7	.737
8	1.026
9	.432
10	1.371
11	.825
12	.771
13	1.042
14	1.250
15	.684
16	.704
17	.885
18	.915
19	.734
20	.754
21	1.059
22	1.183
23	1.220
24	1.160
25	1.368
26	.637
27	.375
28	.372
29	.905
30	.791
31	1.244
32	1.049
33	.761
34	.979
35	.965
36	.627
37	1.183
38	.741
39	1.371
40	.828
41	.550
42	.972
43	.895
44	.778
45	.734
46	1.052
47	.747
48	.694
49	.848
50	.261

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 83    2150.0    swc        clst        0.45 ( 5)    HF

Comments:

Claystone, contains some vitrinite, small particles

HISTOGRAM 14.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R4 34/7-3,2150.0m,5vk	xxxxx	31	.774	.331 .4276

Class	Counts	Perc.	'xxxxx'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	1	3.23	xxxxxxxxxxxxxxxx
.30	0	0.00	
.35	2	6.45	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.40	0	0.00	
.45	2	6.45	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.50	1	3.23	xxxxxxxxxxxxxxxx
.55	3	9.68	xx
.60	4	12.90	xx
.65	2	6.45	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
.70	3	9.68	xx
.75	3	9.68	xx
.80	0	0.00	
.85	3	9.68	xx
.90	1	3.23	xxxxxxxxxxxxxxxx
.95	2	6.45	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
1.00	0	0.00	
1.05	0	0.00	
1.10	0	0.00	
1.15	1	3.23	xxxxxxxxxxxxxxxx
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	1	3.23	xxxxxxxxxxxxxxxx
1.45	0	0.00	
1.50	1	3.23	xxxxxxxxxxxxxxxx
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	1	3.23	xxxxxxxxxxxxxxxx
Above	0	0.00	



L I S T      14.2.1985

Channel: R4 34/7-3,2150.0m, Svk  
No. of Measurements: 31  
Mean: .774  
Standard Deviation: .331  
Coeff. of Variation: .4276

# Meas.	Value
1	.667
2	.764
3	1.746
4	1.536
5	.970
6	.950
7	.710
8	.780
9	.397
10	.377
11	.680
12	.607
13	.457
14	1.187
15	.597
16	.864
17	.880
18	.943
19	.897
20	.534
21	.577
22	1.437
23	.747
24	.484
25	.604
26	.637
27	.284
28	.720
29	.750
30	.564
31	.647

WELL 34/7-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
SA 63	2260.0	swc	clst	0.43 (30)	HF

-----  
Comments:

Claystone, contains some vitrinite, small and poor  
particle quality

H I S T O G R A M      14.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R3 34/7-3,2260.0m,5vk	#####	50	.578	.275 .4750

Class	Counts	Perc.	'#####'=1%
Below	0	0.00	
0.00	0	0.00	
.05	1	2.00	#####
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	2	4.00	#####
.30	3	6.00	#####
.35	7	14.00	#####
.40	3	6.00	#####
.45	8	16.00	#####
.50	4	8.00	#####
.55	3	6.00	#####
.60	6	12.00	#####
.65	3	6.00	#####
.70	1	2.00	#####
.75	2	4.00	#####
.80	1	2.00	#####
.85	1	2.00	#####
.90	1	2.00	#####
.95	0	0.00	
1.00	0	0.00	
1.05	1	2.00	#####
1.10	0	0.00	
1.15	1	2.00	#####
1.20	0	0.00	
1.25	0	0.00	
1.30	1	2.00	#####
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	1	2.00	#####
Above	0	0.00	

Channel: R3 34/7-3, 2260.0m, Svk

No. of Measurements: 50  
Mean: .578  
Standard Deviation: .275  
Coeff. of Variation: .4750

# Meas.	Value
1	.699
2	.293
3	.534
4	1.171
5	.384
6	1.064
7	.367
8	.635
9	.394
10	.709
11	.605
12	.900
13	.052
14	.461
15	.568
16	.906
17	.544
18	1.596
19	.645
20	.384
21	.340
22	.467
23	.504
24	.752
25	.555
26	.337
27	.370
28	.484
29	.638
30	.668
31	.327
32	.551
33	1.328
34	.477
35	.457
36	.350
37	.846
38	.618
39	.759
40	.354
41	.280
42	.471
43	.544
44	.447
45	.618
46	.437
47	.695
48	.451
49	.417
50	.467

WELL 3477-3

-----  
VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
----------------	-------------------------	----------------	-----------	------------------------------------	-------------

-----  
SA 78    2355.1    swc    clst    0.45 ( 1 )    HF

Comments:

Claystone, nearly barren of vitrinite, only some few, small  
and poor quality particles

H I S T O G R A M

11.2.1985

Channel	Symbol # Meas.	Mean	St.Ddev.	Coeff. of Var.
R5 34/7-3,2355.1m,Svk	ooooo 13	.800	.301	.3766

Class	Counts	Perc.	'o'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	1	7.69	oooooooo
.35	1	7.69	oooooooo
.40	0	0.00	
.45	1	7.69	oooooooo
.50	0	0.00	
.55	0	0.00	
.60	0	0.00	
.65	1	7.69	oooooooo
.70	0	0.00	
.75	1	7.69	oooooooo
.80	3	23.08	oooooooooooooooooooooooo
.85	2	15.38	oooooooooooooooo
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	2	15.38	oooooooooooooooo
1.10	0	0.00	
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	1	7.69	oooooooo
Above	0	0.00	

L I S T 11.2.1985

Channel: R5 34/7-3,2355.1m,Svk  
 No. of Measurements: 13  
 Mean: .800  
 Standard Deviation: .301  
 Coeff. of Variation: .3766

# Meas.	Value
1	.373
2	.817
3	1.421
4	1.082
5	.810
6	.450
7	.891
8	.686
9	.844
10	.340
11	.854
12	.753
13	1.079

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 70    2364.0    swc        clst        0.55 (18)    HF

Comments:

Claystone, contains some vitrinite, only small  
and poor quality particles

H I S T O G R A M            15.2.1985

Channel	Symbol #	Meas.	Mean	St.Dev.	Coeff. of Var.
R3 34/7-3,2364.0m,5vk	#####	50	.666	.256	.3850

Class    Counts   Perc.   '#####'=1%

Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	7	14.00	#####
.30	0	0.00	
.35	1	2.00	#####
.40	0	0.00	
.45	3	6.00	#####
.50	3	6.00	#####
.55	8	16.00	#####
.60	4	8.00	#####
.65	2	4.00	#####
.70	6	12.00	#####
.75	3	6.00	#####
.80	1	2.00	#####
.85	5	10.00	#####
.90	1	2.00	#####
.95	2	4.00	#####
1.00	1	2.00	#####
1.05	0	0.00	
1.10	2	4.00	#####
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	1	2.00	#####
Above	0	0.00	



Channel: R3 34/7-3,2364.0m,Svk

No. of Measurements: 50  
Mean: .666  
Standard Deviation: .256  
Coeff. of Variation: .3850

# Meas.	Value
1	.863
2	.524
3	.548
4	.702
5	1.561
6	.283
7	.722
8	.611
9	.860
10	.558
11	.558
12	.876
13	.564
14	.685
15	.460
16	.665
17	1.111
18	.642
19	.729
20	.591
21	.715
22	.366
23	1.125
24	.548
25	.454
26	.595
27	1.017
28	.782
29	.799
30	.756
31	.954
32	.487
33	.907
34	.293
35	.595
36	.299
37	.289
38	.252
39	.289
40	.853
41	.719
42	.588
43	.826
44	.584
45	.648
46	.256
47	.709
48	.611
49	.954
50	.900

WELL 3477-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 72	2367.0	swc	clst	0.45 (12)	HF
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Comments:

Claystone, contains some vitrinite, only  
poor quality particles

HISTOGRAM 12.2.1985

Channel	Symbol #	Meas.	Mean	St.Dev.	Coeff. of Var.
R3 34/7-3,2367.0a,Svk	#####	44	.528	.266	.5039

Class	Counts	Perc.	'#####'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	3	6.82	#####
.25	6	13.64	#####
.30	8	18.18	#####
.35	4	9.09	#####
.40	2	4.55	#####
.45	3	6.82	#####
.50	3	6.82	#####
.55	0	0.00	
.60	2	4.55	#####
.65	2	4.55	#####
.70	0	0.00	
.75	2	4.55	#####
.80	1	2.27	#####
.85	2	4.55	#####
.90	2	4.55	#####
.95	1	2.27	#####
1.00	1	2.27	#####
1.05	1	2.27	#####
1.10	0	0.00	
1.15	1	2.27	#####
Above	0	0.00	

L I S T

12.2.1985

Channel: R3 34/7-3, 2367.0m, Svk

No. of Measurements: 44  
Mean: .528  
Standard Deviation: .266  
Coeff. of Variation: .5039

# Meas.	Value
1	.394
2	.262
3	1.156
4	.633
5	.336
6	.296
7	.414
8	.913
9	.485
10	.478
11	.451
12	.383
13	.242
14	.883
15	.336
16	.252
17	.997
18	.690
19	.333
20	.238
21	.903
22	.643
23	.835
24	.866
25	.694
26	1.018
27	.367
28	.518
29	.336
30	.542
31	1.051
32	.778
33	.296
34	.397
35	.404
36	.545
37	.306
38	.343
39	.262
40	.340
41	.272
42	.302
43	.792
44	.242

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 58	2452.0	core	clst	0.47 ( 1)	HF
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Comments:

Claystone, contains some vitrinite, only small and  
poor quality particles

HISTOGRAM 17.2.1985

Channel Symbol # Meas. Mean St.Ddev. Coeff. of Var.  
 -----  
 R2 34/7-3,2452.0m,Kje +++++ 20 .885 .340 .3846

Class Counts Perc. '+++++'=1%

Class	Counts	Perc.	'+++++'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	1	5.00	+++++
.25	0	0.00	
.30	1	5.00	+++++
.35	0	0.00	
.40	0	0.00	
.45	1	5.00	+++++
.50	0	0.00	
.55	0	0.00	
.60	2	10.00	+++++
.65	1	5.00	+++++
.70	1	5.00	+++++
.75	0	0.00	
.80	2	10.00	+++++
.85	0	0.00	
.90	2	10.00	+++++
.95	1	5.00	+++++
1.00	3	15.00	+++++
1.05	0	0.00	
1.10	1	5.00	+++++
1.15	2	10.00	+++++
1.20	0	0.00	
1.25	0	0.00	
1.30	1	5.00	+++++
1.35	0	0.00	
1.40	0	0.00	
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	1	5.00	+++++
Above	0	0.00	

L I S T      17.2.1985

Channel: R2 34/7-3,2452.0m,Kje

No. of Measurements:      20  
Mean:                      .885  
Standard Deviation:        .340  
Coeff. of Variation:        .3846

# Meas.	Value
1	.667
2	1.166
3	.741
4	.627
5	.918
6	1.136
7	.835
8	.332
9	1.186
10	.466
11	1.039
12	1.039
13	1.002
14	1.622
15	.808
16	1.341
17	.225
18	.938
19	.995
20	.607

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 82	2452.1	core	clst	0.48 ( G)	HF
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Comments:

Claystone, contains abundant low reflecting material, difficult identification of true vitrinite



H I S T O G R A M            15.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R2 3477-3,2452.0m,Kje	+++++ 50	.576	.386	.6697

Class	Counts	Perc.	'+'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	3	6.00	+++++
.25	7	14.00	+++++
.30	11	22.00	+++++
.35	5	10.00	+++++
.40	1	2.00	++
.45	4	8.00	+++++
.50	1	2.00	++
.55	1	2.00	++
.60	1	2.00	++
.65	2	4.00	++++
.70	1	2.00	++
.75	1	2.00	++
.80	1	2.00	++
.85	3	6.00	+++++
.90	0	0.00	
.95	1	2.00	++
1.00	1	2.00	++
1.05	0	0.00	
1.10	0	0.00	
1.15	0	0.00	
1.20	2	4.00	++++
1.25	0	0.00	
1.30	1	2.00	++
1.35	0	0.00	
1.40	0	0.00	
1.45	1	2.00	++
1.50	0	0.00	
1.55	0	0.00	
1.60	1	2.00	++
1.65	1	2.00	++
Above	0	0.00	

Channel: R2 34/7-3, 2452.0m, Kje

No. of Measurements: 50  
Mean: .576  
Standard Deviation: .386  
Coeff. of Variation: .6697

# Meas.	Value
1	.524
2	.319
3	.705
4	1.675
5	.329
6	.356
7	.296
8	.897
9	.343
10	.316
11	.283
12	.581
13	.319
14	.964
15	.346
16	.323
17	.484
18	.460
19	.326
20	.309
21	1.339
22	.242
23	.356
24	.890
25	.209
26	1.611
27	.782
28	.860
29	.366
30	.605
31	.487
32	.460
33	.252
34	.652
35	.440
36	.340
37	.316
38	.846
39	1.209
40	.256
41	.353
42	.256
43	1.007
44	.353
45	.279
46	.225
47	1.229
48	.256
49	.695
50	1.474

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 62    2452.5    core    clst    0.28 (37)    HF

Comments:

Claystone, abundant low reflecting vitrinite (huminite), could  
be mud additive

HISTOGRAM 14.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.	
R2 34/7-3,2452.5m,Svk	+++++	52	.458	.346	.7548

Class	Counts	Perc.	'+'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	3	5.77	+++++
.20	8	15.38	+++++
.25	11	21.15	+++++
.30	8	15.38	+++++
.35	4	7.69	+++++
.40	1	1.92	++
.45	1	1.92	++
.50	1	1.92	++
.55	1	1.92	++
.60	5	9.62	+++++
.65	1	1.92	++
.70	1	1.92	++
.75	2	3.85	++++
.80	1	1.92	++
.85	1	1.92	++
.90	0	0.00	
.95	0	0.00	
1.00	0	0.00	
1.05	0	0.00	
1.10	1	1.92	++
1.15	0	0.00	
1.20	0	0.00	
1.25	0	0.00	
1.30	0	0.00	
1.35	0	0.00	
1.40	1	1.92	++
1.45	0	0.00	
1.50	0	0.00	
1.55	0	0.00	
1.60	0	0.00	
1.65	0	0.00	
1.70	0	0.00	
1.75	0	0.00	
1.80	0	0.00	
1.85	0	0.00	
1.90	0	0.00	
1.95	0	0.00	
2.00	0	0.00	
2.05	0	0.00	
2.10	1	1.92	++
Above	0	0.00	

Channel: R2 34/7-3, 2452.5m, Svk

No. of Measurements: 52  
Mean: .458  
Standard Deviation: .346  
Coeff. of Variation: .7548

# Meas.	Value
1	.278
2	.228
3	.201
4	.305
5	.681
6	.262
7	2.117
8	.201
9	.342
10	.332
11	.241
12	.384
13	.300
14	.769
15	.169
16	.270
17	.618
18	.571
19	.270
20	.270
21	.340
22	.354
23	.337
24	.340
25	.374
26	.350
27	.511
28	.300
29	1.405
30	.833
31	.705
32	.638
33	.270
34	.169
35	.323
36	.250
37	.230
38	.273
39	.223
40	.303
41	.270
42	.273
43	.759
44	.434
45	.605
46	.632
47	.230
48	.173
49	1.147
50	.491
51	.863
52	.611

WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 61 2453.0 core clst 0.42 (51) HF

Comments:

Claystone, abundant vitrinite, good quality sample

HISTOGRAM 17.2.1985

Channel	Symbol # Meas.	Mean	St.Dev.	Coeff. of Var.
R3 34/7-3,2453.0a,Kje	#####	51	.423	.049 .1150

Class	Counts	Perc.	'#' = 1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	6	11.76	#####
.35	7	13.73	#####
.40	26	50.98	#####
.45	11	21.57	#####
.50	0	0.00	
.55	1	1.96	##
Above	0	0.00	

H I S T O G R A M            17.2.1985

Channel	Symbol	# Meas.	Mean	St.Dev.	Coeff. of Var.
R2 34/7-3,2493.5m,Kje	+++++	6	.585	.115	.1972

Class	Counts	Perc.	'+'=1%
Below	0	0.00	
0.00	0	0.00	
.05	0	0.00	
.10	0	0.00	
.15	0	0.00	
.20	0	0.00	
.25	0	0.00	
.30	0	0.00	
.35	0	0.00	
.40	1	16.67	+++++
.45	0	0.00	
.50	1	16.67	+++++
.55	2	33.33	+++++
.60	1	16.67	+++++
.65	0	0.00	
.70	0	0.00	
.75	1	16.67	+++++
Above	0	0.00	

L I S T            17.2.1985

Channel: R2 34/7-3,2493.5m,Kje  
 No. of Measurements: 6  
 Mean: .585  
 Standard Deviation: .115  
 Coeff. of Variation: .1972

# Meas.	Value
1	.578
2	.602
3	.421
4	.595
5	.534
6	.776



WELL 34/7-3

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VITRINITE REFLECTANCE RAW DATA

Sample code	Sample depth mRKB	Sample type	Lithology	Vitrinite reflectance Ro (N)	Preparation
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SA 60	2522.5	core	clst	-	HF
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Comments:

Claystone, barren of vitrinite