Saga Petroleum ASA
File: C:\DATA\ANA243\011984B.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [111984] 6406/2-2 4469 sat

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.45	217	27dbS	1071
46.66	217	27dbR	648
50.60	217	27aaS	300
50.80	217	29dbS	500
52.00	217	27aaR	650
52.28	217	29dbR	380
56.20	217	29aaS	170
56.80	217	29bbR	190
57.10	217	29bbS	200
58.00	217	29aaR	150
Steranes, m/z 218			
50.98	218	27bbR	528
51.25	218	27bbS	455
54.24	218	28bbR	338
54.30	218	28bbS	380
56.87	218	29bbR	400
56.90	218	29bbS	380
58.90	218	30bbR	160
59.00	218	30bbS	160
Triterpanes, m/z 177			
nd	177	25nor28ab	
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.80	191	23/3	2927
35.63	191	24/3	1328
39.43	191	25/3	591
42.23	191	24/4	823
42.55	191	26/3	380
52.98	191	27Ts	760
54.26	191	27Tm	500
nd	191	28ab	
nd	191	25nor30ab	
58.44	191	29ab	1124
58.44	191	29Ts	500
59.05	191	30D	523
nd	191	29ba	
nd	191	30O	
61.00	191	30ab	1667
nd	191	30ba	
nd	191	30G	
63.97	191	31abS	557
64.33	191	31abR	500
66.30	191	32abS	480
66.70	191	32abR	400
68.90	191	33abS	300
69.70	191	33abR	200
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA243\0901004.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: 6406/2-2 4486 sat

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.44	217	27dbS	4078
46.64	217	27dbR	2644
50.60	217	27aaS	440
50.87	217	29dbS	1800
52.00	217	27aaR	838
52.25	217	29dbR	1510
56.35	217	29aaS	410
56.87	217	29bbR	402
57.08	217	29bbS	761
58.00	217	29aaR	400
Steranes, m/z 218			
50.99	218	27bbR	1800
51.25	218	27bbS	1592
54.25	218	28bbR	1290
54.49	218	28bbS	1562
56.86	218	29bbR	1458
57.08	218	29bbS	1461
59.04	218	30bbR	618
59.20	218	30bbS	618
Triterpanes, m/z 177			
53.30	177	25nor28ab	780
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.73	191	23/3	3409
35.57	191	24/3	2772
39.39	191	25/3	1188
42.25	191	24/4	1203
42.51	191	26/3	845
52.94	191	27Ts	1626
54.29	191	27Tm	898
57.00	191	28ab	714
58.00	191	25nor30ab	520
58.45	191	29ab	1264
58.59	191	29Ts	1016
59.05	191	30D	1496
nd	191	29ba	
nd	191	30O	
61.00	191	30ab	1437
62.19	191	30ba	447
nd	191	30G	
63.80	191	31abS	540
64.20	191	31abR	550
66.23	191	32abS	500
66.76	191	32abR	480
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA243\1001005.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: 6406/2-2 4492 sat

Saturate biomarkers

	Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217				
	45.53	217	27dbS	5148
	46.72	217	27dbR	2955
	50.78	217	27aaS	777
	50.93	217	29dbS	2750
	52.05	217	27aaR	1519
	52.33	217	29dbR	2272
	56.40	217	29aaS	1005
	56.91	217	29bbR	1031
	57.11	217	29bbS	1397
	58.32	217	29aaR	850
Steranes, m/z 218				
	51.05	218	27bbR	2612
	51.32	218	27bbS	2456
	54.32	218	28bbR	2199
	54.56	218	28bbS	2600
	56.94	218	29bbR	2832
	56.94	218	29bbS	2832
	59.09	218	30bbR	1140
	59.15	218	30bbS	1140
Triterpanes, m/z 177				
	53.36	177	25nor28ab	1107
	nd	177	25nor30ab	
Triterpanes, m/z 191				
	33.96	191	23/3	6859
	35.77	191	24/3	4718
	39.55	191	25/3	2200
	42.35	191	24/4	2269
	42.35	191	26/3	1500
	53.00	191	27Ts	2500
	53.92	191	27Tm	2100
	57.06	191	28ab	2162
	57.60	191	25nor30ab	1100
	58.50	191	29ab	3774
	58.78	191	29Ts	2300
	59.12	191	30D	2041
	nd	191	29ba	
	nd	191	30O	
	61.06	191	30ab	6767
	62.20	191	30ba	818
	nd	191	30G	
	64.01	191	31abS	3023
	64.50	191	31abR	2430
	66.30	191	32abS	2450
	66.81	191	32abR	1700
	69.01	191	33abS	1600
	69.74	191	33abR	1186
	72.21	191	34abS	1100
	73.27	191	34abR	650
	75.87	191	35abS	736
	77.35	191	35abR	400

Saga Petroleum ASA
File: C:\DATA\ANA249\0111630A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [111630] 6406/2-2 4688 sat

Saturate biomarkers

	Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217				
	45.31	217	27dbS	792
	46.50	217	27dbR	453
	50.32	217	27aaS	240
	50.40	217	29dbS	320
	51.85	217	27aaR	497
	52.15	217	29dbR	240
	56.20	217	29aaS	130
	56.80	217	29bbR	170
	57.10	217	29bbS	190
	58.00	217	29aaR	140
Steranes, m/z 218				
	50.85	218	27bbR	372
	51.12	218	27bbS	326
	54.08	218	28bbR	211
	54.35	218	28bbS	272
	56.73	218	29bbR	300
	56.92	218	29bbS	280
	58.90	218	30bbR	60
	59.00	218	30bbS	50
Triterpanes, m/z 177				
	nd	177	25nor28ab	
	nd	177	25nor30ab	
Triterpanes, m/z 191				
	33.62	191	23/3	4547
	35.45	191	24/3	1713
	39.26	191	25/3	493
	42.06	191	24/4	701
	42.06	191	26/3	200
	52.83	191	27Ts	654
	54.11	191	27Tm	359
	56.90	191	28ab	300
	nd	191	25nor30ab	
	58.28	191	29ab	1321
	58.45	191	29Ts	492
	58.45	191	30D	150
	nd	191	29ba	
	nd	191	30O	
	60.86	191	30ab	1971
	nd	191	30ba	
	nd	191	30G	
	63.83	191	31abS	811
	64.17	191	31abR	665
	66.12	191	32abS	464
	66.40	191	32abR	300
	nd	191	33abS	
	nd	191	33abR	
	nd	191	34abS	
	nd	191	34abR	
	nd	191	35abS	
	nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA249\0111645A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [111645] 6406/2-2 4703 sat

Saturate biomarkers

Steranes, m/z 217

Rt. min	Ion m/z	Compound	Height
45.36	217	27dbS	1657
46.54	217	27dbR	841
50.50	217	27aaS	567
50.61	217	29dbS	567
51.89	217	27aaR	1313
52.20	217	29dbR	440
56.22	217	29aaS	376
56.77	217	29bbR	410
56.95	217	29bbS	506
58.09	217	29aaR	350

Steranes, m/z 218

50.89	218	27bbR	859
51.16	218	27bbS	787
54.13	218	28bbR	529
54.40	218	28bbS	523
56.77	218	29bbR	739
56.95	218	29bbS	673
58.90	218	30bbR	150
59.00	218	30bbS	110

Triterpanes, m/z 177

nd	177	25nor28ab	
nd	177	25nor30ab	

Triterpanes, m/z 191

33.79	191	23/3	7244
35.60	191	24/3	2797
39.38	191	25/3	1006
42.16	191	24/4	1725
42.45	191	26/3	680
52.87	191	27Ts	1301
54.16	191	27Tm	1077
56.89	191	28ab	738
57.55	191	25nor30ab	502
58.31	191	29ab	3282
58.48	191	29Ts	916
58.90	191	30D	300
59.40	191	29ba	200
nd	191	30O	
60.90	191	30ab	4385
62.02	191	30ba	543
nd	191	30G	
63.85	191	31abS	1749
64.21	191	31abR	1258
66.16	191	32abS	1100
66.64	191	32abR	900
68.83	191	33abS	750
69.59	191	33abR	450
72.01	191	34abS	400
73.00	191	34abR	250
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA250\0111703A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [111703] 6406/2-2 4868 ccp sat

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.30	217	27dbS	1482
46.50	217	27dbR	762
50.50	217	27aaS	558
50.58	217	29dbS	558
51.84	217	27aaR	1311
52.13	217	29dbR	395
56.17	217	29aaS	246
56.71	217	29bbR	314
56.90	217	29bbS	314
58.00	217	29aaR	210
Steranes, m/z 218			
50.83	218	27bbR	770
51.10	218	27bbS	729
54.08	218	28bbR	422
54.35	218	28bbS	480
56.72	218	29bbR	530
56.90	218	29bbS	448
58.90	218	30bbR	120
59.00	218	30bbS	80
Triterpanes, m/z 177			
nd	177	25nor28ab	
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.68	191	23/3	3303
35.50	191	24/3	1308
39.29	191	25/3	663
42.08	191	24/4	1430
42.40	191	26/3	484
52.80	191	27Ts	1011
54.09	191	27Tm	797
56.83	191	28ab	497
nd	191	25nor30ab	
58.26	191	29ab	1933
58.43	191	29Ts	600
58.86	191	30D	200
nd	191	29ba	
nd	191	30O	
60.85	191	30ab	2800
nd	191	30ba	
nd	191	30G	
63.82	191	31abS	1150
64.17	191	31abR	800
66.12	191	32abS	600
66.60	191	32abR	400
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA250\011986A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [111986] 6406/2-2 4981 ccp sat

Saturate biomarkers

Steranes, m/z 217

Rt. min	Ion m/z	Compound	Height
45.28	217	27dbS	1203
46.48	217	27dbR	683
50.54	217	27aaS	391
50.81	217	29dbS	446
51.82	217	27aaR	1059
52.13	217	29dbR	360
56.16	217	29aaS	258
56.71	217	29bbR	295
56.91	217	29bbS	339
58.04	217	29aaR	263

Steranes, m/z 218

50.83	218	27bbR	765
51.09	218	27bbS	716
54.08	218	28bbR	411
54.32	218	28bbS	463
56.71	218	29bbR	545
56.91	218	29bbS	523
58.90	218	30bbR	110
59.00	218	30bbS	100

Triterpanes, m/z 177

nd	177	25nor28ab	
nd	177	25nor30ab	

Triterpanes, m/z 191

33.64	191	23/3	4918
35.48	191	24/3	1824
39.26	191	25/3	757
42.06	191	24/4	1320
42.36	191	26/3	487
52.79	191	27Ts	929
54.09	191	27Tm	788
56.84	191	28ab	587
57.48	191	25nor30ab	380
58.27	191	29ab	2208
58.40	191	29Ts	700
58.86	191	30D	150
nd	191	29ba	
nd	191	30O	
60.85	191	30ab	2909
nd	191	30ba	
nd	191	30G	
63.82	191	31abS	1350
64.17	191	31abR	1060
66.11	191	32abS	850
66.60	191	32abR	600
68.80	191	33abS	600
69.50	191	33abR	300
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA250\0112019A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [112019] 6406/2-2 5014 ccp sat

Saturate biomarkers

	Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217				
	45.27	217	27dbS	521
	46.48	217	27dbR	294
	50.50	217	27aaS	170
	50.70	217	29dbS	170
	51.81	217	27aaR	424
	52.10	217	29dbR	170
	56.20	217	29aaS	130
	56.80	217	29bbR	150
	57.10	217	29bbS	160
	58.00	217	29aaR	110
Steranes, m/z 218				
	50.82	218	27bbR	391
	51.10	218	27bbS	299
	53.80	218	28bbR	210
	54.33	218	28bbS	217
	56.70	218	29bbR	264
	56.90	218	29bbS	272
	58.90	218	30bbR	60
	59.00	218	30bbS	50
Triterpanes, m/z 177				
	nd	177	25nor28ab	
	nd	177	25nor30ab	
Triterpanes, m/z 191				
	33.57	191	23/3	997
	35.41	191	24/3	472
	39.20	191	25/3	210
	42.02	191	24/4	437
	42.20	191	26/3	180
	52.80	191	27Ts	440
	54.08	191	27Tm	440
	nd	191	28ab	
	nd	191	25nor30ab	
	58.26	191	29ab	1122
	58.40	191	29Ts	300
	nd	191	30D	
	nd	191	29ba	
	nd	191	30O	
	60.82	191	30ab	1347
	nd	191	30ba	
	nd	191	30G	
	63.81	191	31abS	650
	64.16	191	31abR	437
	66.15	191	32abS	360
	66.60	191	32abR	357
	nd	191	33abS	
	nd	191	33abR	
	nd	191	34abS	
	nd	191	34abR	
	nd	191	35abS	
	nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA250\0112083A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [112083] 6406/2-2 5096 ccp sat

Saturate biomarkers

	Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217				
	45.36	217	27dbS	542
	46.58	217	27dbR	302
	50.62	217	27aaS	280
	50.89	217	29dbS	290
	51.90	217	27aaR	386
	52.20	217	29dbR	210
	56.20	217	29aaS	170
	56.80	217	29bbR	240
	57.10	217	29bbS	230
	58.00	217	29aaR	220
Steranes, m/z 218				
	50.91	218	27bbR	487
	51.17	218	27bbS	455
	54.16	218	28bbR	281
	54.40	218	28bbS	312
	56.78	218	29bbR	380
	56.99	218	29bbS	369
	58.90	218	30bbR	100
	59.00	218	30bbS	60
Triterpanes, m/z 177				
	nd	177	25nor28ab	
	nd	177	25nor30ab	
Triterpanes, m/z 191				
	33.65	191	23/3	1288
	35.50	191	24/3	575
	39.20	191	25/3	200
	42.00	191	24/4	300
	42.40	191	26/3	200
	52.85	191	27Ts	556
	54.16	191	27Tm	500
	56.80	191	28ab	350
	nd	191	25nor30ab	
	58.34	191	29ab	1518
	58.40	191	29Ts	480
	58.80	191	30D	250
	nd	191	29ba	
	nd	191	30O	
	60.91	191	30ab	2402
	nd	191	30ba	
	nd	191	30G	
	63.87	191	31abS	993
	64.22	191	31abR	914
	66.16	191	32abS	600
	66.65	191	32abR	450
	68.70	191	33abS	300
	69.50	191	33abR	300
	nd	191	34abS	
	nd	191	34abR	
	nd	191	35abS	
	nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA249\0112048A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [112048] 6406/2-2 5110 sat

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.25	217	27dbS	353
46.50	217	27dbR	200
50.50	217	27aaS	160
50.70	217	29dbS	170
51.80	217	27aaR	260
52.20	217	29dbR	150
56.20	217	29aaS	110
56.80	217	29bbR	120
57.10	217	29bbS	120
58.00	217	29aaR	100
Steranes, m/z 218			
50.82	218	27bbR	286
51.08	218	27bbS	285
54.00	218	28bbR	170
54.35	218	28bbS	180
56.71	218	29bbR	245
56.90	218	29bbS	230
58.90	218	30bbR	40
59.00	218	30bbS	40
Triterpanes, m/z 177			
nd	177	25nor28ab	
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.55	191	23/3	2000
35.40	191	24/3	845
39.21	191	25/3	335
42.00	191	24/4	429
42.40	191	26/3	180
52.70	191	27Ts	350
54.00	191	27Tm	400
56.85	191	28ab	250
57.30	191	25nor30ab	250
58.27	191	29ab	1075
58.42	191	29Ts	269
nd	191	30D	
nd	191	29ba	
nd	191	30O	
60.85	191	30ab	1300
nd	191	30ba	
nd	191	30G	
63.70	191	31abS	600
64.10	191	31abR	350
nd	191	32abS	
nd	191	32abR	
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

GC - MS saturated fractions

Fluid samples

DST 1	4868 - 4927
DST 2	4713 - 4745
Fmt	4719
Fmt	4654,3

Saga Petroleum ASA
File: C:\DATA\ANA258\0114780A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [114780] 6406/2-2 DST.1 sat

Saturate biomarkers

Steranes, m/z 217

Rt. min	Ion m/z	Compound	Height
45.37	217	27dbS	1014
46.57	217	27dbR	681
50.79	217	27aaS	100
50.79	217	29dbS	540
51.80	217	27aaR	150
52.20	217	29dbR	380
nd	217	29aaS	
56.80	217	29bbR	100
57.10	217	29bbS	100
nd	217	29aaR	

Steranes, m/z 218

50.85	218	27bbR	190
51.30	218	27bbS	180
53.80	218	28bbR	150
54.40	218	28bbS	160
56.70	218	29bbR	210
56.90	218	29bbS	210
58.90	218	30bbR	70
59.00	218	30bbS	60

Triterpanes, m/z 177

nd	177	25nor28ab	
nd	177	25nor30ab	

Triterpanes, m/z 191

33.64	191	23/3	620
35.48	191	24/3	488
39.20	191	25/3	250
nd	191	24/4	
nd	191	26/3	
nd	191	27Ts	
nd	191	27Tm	
nd	191	28ab	
nd	191	25nor30ab	
nd	191	29ab	
nd	191	29Ts	
nd	191	30D	
nd	191	29ba	
nd	191	30O	
60.93	191	30ab	459
nd	191	30ba	
nd	191	30G	
nd	191	31abS	
nd	191	31abR	
nd	191	32abS	
nd	191	32abR	
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA258\0114781A.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: [114781] 6406/2-2 DST.2 sat

Saturate biomarkers

Steranes, m/z 217

Rt. min	Ion m/z	Compound	Height
45.33	217	27dbS	506
46.54	217	27dbR	321
nd	217	27aaS	
50.70	217	29dbS	290
nd	217	27aaR	
52.20	217	29dbR	220
nd	217	29aaS	
nd	217	29bbR	
nd	217	29bbS	
nd	217	29aaR	

Steranes, m/z 218

nd	218	27bbR	
nd	218	27bbS	
nd	218	28bbR	
nd	218	28bbS	
56.70	218	29bbR	100
56.90	218	29bbS	110
nd	218	30bbR	
nd	218	30bbS	

Triterpanes, m/z 177

nd	177	25nor28ab	
nd	177	25nor30ab	

Triterpanes, m/z 191

33.61	191	23/3	1188
35.45	191	24/3	733
39.20	191	25/3	250
42.00	191	24/4	250
42.20	191	26/3	150
nd	191	27Ts	
nd	191	27Tm	
nd	191	28ab	
nd	191	25nor30ab	
nd	191	29ab	
nd	191	29Ts	
nd	191	30D	
nd	191	29ba	
nd	191	30O	
nd	191	30ab	
nd	191	30ba	
nd	191	30G	
nd	191	31abS	
nd	191	31abR	
nd	191	32abS	
nd	191	32abR	
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA247\0101001.D

Date aquired: 22.feb.96
Method: BMS_ON

Sample: 6406/2-2 FMT 4719m sat

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.35	217	27dbS	3146
46.54	217	27dbR	1727
nd	217	27aaS	
50.77	217	29dbS	1839
51.89	217	27aaR	477
52.18	217	29dbR	1220
56.20	217	29aaS	280
56.77	217	29bbR	351
57.00	217	29bbS	351
58.00	217	29aaR	200
Steranes, m/z 218			
50.89	218	27bbR	564
51.16	218	27bbS	580
54.38	218	28bbR	400
54.50	218	28bbS	505
56.78	218	29bbR	598
56.95	218	29bbS	596
58.90	218	30bbR	190
59.00	218	30bbS	150
Triterpanes, m/z 177			
nd	177	25nor28ab	
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.62	191	23/3	1031
35.47	191	24/3	1022
39.20	191	25/3	420
42.00	191	24/4	450
42.40	191	26/3	420
52.87	191	27Ts	1403
54.12	191	27Tm	850
nd	191	28ab	
nd	191	25nor30ab	
58.31	191	29ab	1910
58.50	191	29Ts	582
58.94	191	30D	819
59.20	191	29ba	450
nd	191	30O	
60.90	191	30ab	3219
62.03	191	30ba	520
nd	191	30G	
63.87	191	31abS	967
64.18	191	31abR	711
66.15	191	32abS	821
67.58	191	32abR	450
nd	191	33abS	
nd	191	33abR	
nd	191	34abS	
nd	191	34abR	
nd	191	35abS	
nd	191	35abR	

Saga Petroleum ASA
File: C:\DATA\ANA247\0401002.D

Sample: 6406/2-2 FMT 4654,3m sat

Date aquired: 22.feb.96
Method: BMS_ON

Saturate biomarkers

Rt. min	Ion m/z	Compound	Height
Steranes, m/z 217			
45.41	217	27dbS	3968
46.59	217	27dbR	2025
50.81	217	27aaS	1207
50.81	217	29dbS	2300
51.94	217	27aaR	1388
52.21	217	29dbR	1576
56.25	217	29aaS	427
56.80	217	29bbR	564
57.03	217	29bbS	625
58.13	217	29aaR	395
Steranes, m/z 218			
50.92	218	27bbR	1160
51.21	218	27bbS	960
54.19	218	28bbR	640
54.42	218	28bbS	740
56.83	218	29bbR	911
57.00	218	29bbS	911
58.90	218	30bbR	220
59.00	218	30bbS	220
Triterpanes, m/z 177			
nd	177	25nor28ab	
nd	177	25nor30ab	
Triterpanes, m/z 191			
33.82	191	23/3	3446
35.63	191	24/3	2114
39.40	191	25/3	920
42.22	191	24/4	1650
42.50	191	26/3	701
52.90	191	27Ts	2484
54.17	191	27Tm	1773
56.80	191	28ab	1000
nd	191	25nor30ab	
58.36	191	29ab	5083
58.51	191	29Ts	2372
58.95	191	30D	715
nd	191	29ba	
nd	191	30O	
60.94	191	30ab	8178
62.06	191	30ba	1329
nd	191	30G	
63.91	191	31abS	2885
64.26	191	31abR	2282
66.20	191	32abS	1900
66.68	191	32abR	1671
68.89	191	33abS	1119
69.70	191	33abR	800
72.10	191	34abS	700
73.20	191	34abR	500
75.70	191	35abS	600
77.30	191	35abR	400

Appendix III

GC - MS Aromatic fractions

5 SWC samples

9 CCP samples

4 Cond. samples

2 Oil base samples

Analysed by Saga Petroleum ASA

GC - MS aromatic fractions

SWC and core samples

4354 SWC
4377 "
4385 "
4467 "
4469 "
4486 CCP
4492 "
4688 "
4703 "
4868 "
4981 "
5014 "
5096 "
5110 "

Saga Petroleum ASA
File: C:\DATA\ANA251\0112034A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [112034] 6406/2-2 4354 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.34	178	P	285125
	34.27	192	3-MP	205700
	34.41	192	2-MP	232919
	34.88	192	9-MP	274682
	35.01	192	1-MP	268953
Dibenzothiophenes				
	30.64	184	DBT	7342
	33.28	198	4-MDBT	8164
	33.74	198	3+2-MDBT	1000
	34.34	198	1-MDBT	300
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\0111981A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111981] 6406/2-2 4377 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.34	178	P	1114302
	34.28	192	3-MP	737167
	34.41	192	2-MP	925114
	34.90	192	9-MP	1067662
	35.02	192	1-MP	954547
Dibenzothiophenes				
	30.64	184	DBT	75558
	33.28	198	4-MDBT	314014
	33.74	198	3+2-MDBT	63006
	34.32	198	1-MDBT	11296
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\0111982A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111982] 6406/2-2 4385 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.36	178	P	2357982
	34.28	192	3-MP	1362372
	34.41	192	2-MP	1889478
	34.90	192	9-MP	1995304
	35.02	192	1-MP	1964056
Dibenzothiophenes				
	30.62	184	DBT	158755
	33.26	198	4-MDBT	616227
	33.74	198	3+2-MDBT	138013
	34.32	198	1-MDBT	18989
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\0111983A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111983] 6406/2-2 4467 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.34	178	P	273783
	34.25	192	3-MP	130314
	34.39	192	2-MP	161045
	34.86	192	9-MP	132290
	34.99	192	1-MP	113270
Dibenzothiophenes				
	30.64	184	DBT	21142
	33.26	198	4-MDBT	40052
	33.74	198	3+2-MDBT	14195
	34.30	198	1-MDBT	3547
Triaromatic steroids				
	46.06	231	C20TA	4046
	47.87	231	C21TA	2640
	54.40	231	SC26TA	700
	55.58	231	RC26TA/SC27TA	2040
	56.50	231	SC28TA	800
	57.10	231	RC27TA	700
	58.40	231	RC28-TA	600
Monoaromatic steroids				
	40.23	253	A1 C21-M	2092
	42.12	253	B1 C22-MA	1000
	49.16	253	C1 bSC27MA	2958
	50.23	253	D1 bRC27MA	1778
	50.65	253	E1 bSC28MA	5202
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\0111984A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111984] 6406/2-2 4469 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.31	178	P	216555
	34.23	192	3-MP	108072
	34.37	192	2-MP	133053
	34.85	192	9-MP	99839
	34.97	192	1-MP	86435
Dibenzothiophenes				
	30.61	184	DBT	12690
	33.25	198	4-MDBT	21467
	33.72	198	3+2-MDBT	6295
	34.28	198	1-MDBT	1364
Triaromatic steroids				
	46.04	231	C20TA	3249
	47.87	231	C21TA	1730
	54.40	231	SC26TA	350
	55.60	231	RC26TA/SC27TA	1100
	56.55	231	SC28TA	450
	57.10	231	RC27TA	400
	58.40	231	RC28-TA	350
Monoaromatic steroids				
	40.23	253	A1 C21-M	1459
	41.90	253	B1 C22-MA	900
	49.16	253	C1 bSC27MA	1645
	50.20	253	D1 bRC27MA	950
	50.65	253	E1 bSC28MA	3079
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\1101006.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: 6406/2-2 4486 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.34	178	P	1499775
	34.28	192	3-MP	724535
	34.41	192	2-MP	967137
	34.88	192	9-MP	652705
	35.02	192	1-MP	593353
Dibenzothiophenes				
	30.62	184	DBT	71883
	33.28	198	4-MDBT	156321
	33.76	198	3+2-MDBT	37902
	34.34	198	1-MDBT	4611
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA243\1201007.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: 6406/2-2 4492 aro

Aromatics

Rt. min	Ion m/z	Compound	Height
Phenantrenes			
31.36	178	P	1178011
34.30	192	3-MP	561509
34.42	192	2-MP	760520
34.90	192	9-MP	517203
35.02	192	1-MP	475239
Dibenzothiophenes			
30.66	184	DBT	114432
33.30	198	4-MDBT	239091
33.77	198	3+2-MDBT	82973
34.34	198	1-MDBT	10229
Triaromatic steroids			
nd	231	C20TA	
nd	231	C21TA	
nd	231	SC26TA	
nd	231	RC26TA/SC27TA	
nd	231	SC28TA	
nd	231	RC27TA	
nd	231	RC28-TA	
Monoaromatic steroids			
40.29	253	A1 C21-M	3946
42.03	253	B1 C22-MA	2837
nd	253	C1 bSC27MA	
nd	253	D1 bRC27MA	
nd	253	E1 bSC28MA	
nd	253	F1 aSC27DMA	
nd	253	G1 bRC28MA	
nd	253	H1 aSC29MA	
nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0111630A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111630] 6406/2-2 4688 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.33	178	P	121766
	34.25	192	3-MP	67824
	34.37	192	2-MP	69898
	34.85	192	9-MP	38560
	34.99	192	1-MP	33650
Dibenzothiophenes				
	30.61	184	DBT	1988
	33.25	198	4-MDBT	4244
	nd	198	3+2-MDBT	
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0111645A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111645] 6406/2-2 4703 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.33	178	P	175507
	34.25	192	3-MP	82939
	34.37	192	2-MP	87971
	34.85	192	9-MP	44302
	34.99	192	1-MP	40875
Dibenzothiophenes				
	30.61	184	DBT	4828
	33.25	198	4-MDBT	9109
	33.72	198	3+2-MDBT	1444
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	55.60	231	RC26TA/SC27TA	200
	56.50	231	SC28TA	100
	57.10	231	RC27TA	80
	58.40	231	RC28-TA	60
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0111703A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111703] 6406/2-2 4868 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.33	178	P	94785
	34.25	192	3-MP	38119
	34.39	192	2-MP	41609
	34.85	192	9-MP	31656
	34.99	192	1-MP	27554
Dibenzothiophenes				
	30.62	184	DBT	2684
	nd	198	4-MDBT	
	nd	198	3+2-MDBT	
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	47.90	231	C21TA	700
	54.40	231	SC26TA	600
	55.58	231	RC26TA/SC27TA	1113
	56.50	231	SC28TA	500
	57.10	231	RC27TA	600
	58.40	231	RC28-TA	450
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0111986A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [111986] 6406/2-2 4981 aro

Aromatics

Rt. min	Ion m/z	Compound	Height
Phenantrenes			
31.33	178	P	51230
34.25	192	3-MP	25327
34.39	192	2-MP	26654
34.85	192	9-MP	21193
34.99	192	1-MP	15930
Dibenzothiophenes			
30.61	184	DBT	1658
nd	198	4-MDBT	
nd	198	3+2-MDBT	
nd	198	1-MDBT	
Triaromatic steroids			
nd	231	C20TA	
nd	231	C21TA	
nd	231	SC26TA	
55.60	231	RC26TA/SC27TA	270
56.54	231	SC28TA	180
57.10	231	RC27TA	180
53.40	231	RC28-TA	100
Monoaromatic steroids			
nd	253	A1 C21-M	
nd	253	B1 C22-MA	
nd	253	C1 bSC27MA	
nd	253	D1 bRC27MA	
nd	253	E1 bSC28MA	
nd	253	F1 aSC27DMA	
nd	253	G1 bRC28MA	
nd	253	H1 aSC29MA	
nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0112019A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [112019] 6406/2-2 5014 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.33	178	P	70234
	34.25	192	3-MP	45023
	34.39	192	2-MP	46603
	34.86	192	9-MP	17941
	34.99	192	1-MP	15301
Dibenzothiophenes				
	30.61	184	DBT	911
	33.25	198	4-MDBT	1476
	33.72	198	3+2-MDBT	260
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	55.60	231	RC26TA/SC27TA	1300
	56.50	231	SC28TA	700
	57.10	231	RC27TA	700
	53.40	231	RC28-TA	700
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0112083A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [112083] 6406/2-2 5096 aro

Aromatics

Rt. min	Ion m/z	Compound	Height
Phenantrenes			
31.33	178	P	274407
34.25	192	3-MP	138568
34.39	192	2-MP	177393
34.86	192	9-MP	43036
34.99	192	1-MP	50695
Dibenzothiophenes			
nd	184	DBT	
33.25	198	4-MDBT	424
nd	198	3+2-MDBT	
nd	198	1-MDBT	
Triaromatic steroids			
nd	231	C20TA	
nd	231	C21TA	
nd	231	SC26TA	
nd	231	RC26TA/SC27TA	
nd	231	SC28TA	
nd	231	RC27TA	
nd	231	RC28-TA	
Monoaromatic steroids			
nd	253	A1 C21-M	
nd	253	B1 C22-MA	
nd	253	C1 bSC27MA	
nd	253	D1 bRC27MA	
nd	253	E1 bSC28MA	
nd	253	F1 aSC27DMA	
nd	253	G1 bRC28MA	
nd	253	H1 aSC29MA	
nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA251\0112048A.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [112048] 6406/2-2 5110 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.31	178	P	353030
	34.23	192	3-MP	204160
	34.37	192	2-MP	245868
	34.83	192	9-MP	53515
	34.97	192	1-MP	51402
Dibenzothiophenes				
	30.61	184	DBT	4586
	33.23	198	4-MDBT	6881
	33.72	198	3+2-MDBT	1674
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

GC - MS Aromatic fractions

Fluid samples

DST 1 4868 - 4927
DST 2 4713 - 4745

Saga Petroleum ASA
File: C:\DATA\ANA258\0114780B.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [114780] 6406/2-2 DST.1 aro

Aromatics

Rt. min	Ion m/z	Compound	Height
Phenantrenes			
31.33	178	P	453829
34.25	192	3-MP	187927
34.39	192	2-MP	185301
34.85	192	9-MP	99058
34.97	192	1-MP	82902
Dibenzothiophenes			
30.62	184	DBT	7204
33.25	198	4-MDBT	11880
33.72	198	3+2-MDBT	1310
34.30	198	1-MDBT	450
Triaromatic steroids			
46.10	231	C20TA	1000
47.90	231	C21TA	440
54.40	231	SC26TA	300
55.58	231	RC26TA/SC27TA	1079
56.50	231	SC28TA	520
57.10	231	RC27TA	400
58.40	231	RC28-TA	440
Monoaromatic steroids			
nd	253	A1 C21-M	
nd	253	B1 C22-MA	
nd	253	C1 bSC27MA	
nd	253	D1 bRC27MA	
nd	253	E1 bSC28MA	
nd	253	F1 aSC27DMA	
nd	253	G1 bRC28MA	
nd	253	H1 aSC29MA	
nd	253	I1 aRC29MA	

Saga Petroleum ASA
File: C:\DATA\ANA258\0114781B.D

Date aquired: 21.feb.96
Method: BMA_ON

Sample: [114781] 6406/2-2 DST.2 aro

Aromatics

	Rt. min	Ion m/z	Compound	Height
Phenantrenes				
	31.42	178	P	2152300
	34.34	192	3-MP	940863
	34.46	192	2-MP	1050000
	34.94	192	9-MP	507896
	35.06	192	1-MP	450000
Dibenzothiophenes				
	30.69	184	DBT	39961
	33.33	198	4-MDBT	60639
	33.81	198	3+2-MDBT	9051
	nd	198	1-MDBT	
Triaromatic steroids				
	nd	231	C20TA	
	nd	231	C21TA	
	nd	231	SC26TA	
	nd	231	RC26TA/SC27TA	
	nd	231	SC28TA	
	nd	231	RC27TA	
	nd	231	RC28-TA	
Monoaromatic steroids				
	nd	253	A1 C21-M	
	nd	253	B1 C22-MA	
	nd	253	C1 bSC27MA	
	nd	253	D1 bRC27MA	
	nd	253	E1 bSC28MA	
	nd	253	F1 aSC27DMA	
	nd	253	G1 bRC28MA	
	nd	253	H1 aSC29MA	
	nd	253	I1 aRC29MA	

Appendix IV

Vitrinite data analysed by IFE

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In Confidence

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1 Introduction

This report gives the result of routine vitrinite reflectance analyses on 51 samples covering the interval from 1280 to 4969.2 mRKB in well 6406/2-2 offshore Denmark.

2 Material

2.1 Samples

The material was provided from the client as 33 unwashed cuttings samples, 16 side wall cores and 2 core chips. The sample positions are indicated in figure 1.

2.2 Geological information and casing points

Information on stratigraphy and casing points in well 6406/2-2 was not provided from the client.

3 Analytical techniques

3.1 Preparation

The cuttings samples were treated with hydrochloric and hydrofluoric acid prior to further preparation. The aim was to avoid soft and expanding mineral phases in order to ensure good polishing quality and to consentrate the organic material.

The sample material resulting from the acid treatment and the bulk samples were embedded in an epoxy resin to make briquettes, ground flat and polished using 0.25 micron diamond paste and magnesium oxide as the two final steps.

3.2 Analysis

The analytical equipment being used was a Zeiss MPM 03 photometer microscope equipped with an Epiplan-Neofluar 40/0.90 oil objective. The sensitive measuring spot was kept constant for all measurements at about 2.5 micron in diameter. The measurements were made through a green band pass filter (546 nm) and in oil immersion (refractive index 1.515 at 18°C). The readings were made without a polarizer and using a stationary stage. This procedure is called measurement of random reflectance (%Rm). The photometer is calibrated daily against a standard of known reflectance (%Rm= 0.588) and routinely (daily) checked against two other standards of significant different reflectances (%Rm=0.879 and 1.696). A deviation from these values of less than ±0.01 and ±0.02 respectively is considered as acceptable. The calibration is routinely checked during the course of measurements at least every hour, and a deviation of less than ±0.005 is considered as acceptable.

For each sample at least 20 points were measured if possible, and quality ratings are given to various important aspects which may affect the measurements. The aspects are abundance of vitrinite, uncertainties in the identification of indigenous vitrinite, type of vitrinite, particle size, particle surface quality and abundance of pyrite.

3.3 Presentation of results

The raw data from the measurements are presented in appendix for each sample both as tabulated data and histograms. A true vitrinite population is selected among the readings based on observations made during the measurements, and arithmetic mean values are calculated for this population and other populations. A quality rating is given to the true population. The results are listed in table 1.

The results are presented as vitrinite reflectance versus depht plots on linear and semilogarithmic scales (figure 1). A vitrinite reflectance versus depth trend is interpreted manually on the linear plot and transferred to the semilogarithmic plot. The interpreted trend is also listed in table 2.

4 Results

It has been possible to establish a fairly reliable vitrinite reflectance versus depth trend for the interval 1280 - 4500 mRKB in well 6406/2-2. For the deepest part of the well, 4500 - 5000 mRKB, the amount of samples is too low to indicate a reliable vitrinite reflectance versus depth trend. From ca 3000 mRKB and downwards, most of the samples show hydrocarbon staining which may be due to the use of oil based mud during drilling.

Table 1 Vitrinite reflectance data

Well
6406/2-2

IFE no.	Depth, mRKB	Sample type	Lithology	%Rm	Std. dev.	N	Quality	Preparation
960222	1280	cut	clst/sst	0.32	0.04	23	M	HF
960223	1380	cut	clst/sst	0.29	0.05	24	M	HF
960224	1480	cut	clst/sst	0.28	0.05	23	M	HF
960225	1580	cut	clst/sst	0.30	0.05	27	M	HF
960226	1680	cut	clst	0.34	0.05	20	M	HF
960227	1790	cut	clst	0.28	0.04	20	M	HF
960228	1880	cut	clst	0.30	0.03	22	M	HF
960229	1990	cut	clst	0.33	0.03	21	M	HF
960230	2080	cut	clst	0.31	0.03	15	M	HF
960231	2180	cut	clst	0.32	0.04	14	M	HF
960232	2280	cut	clst	0.43	0.05	13	M	HF
960233	2380	cut	clst	0.37	0.05	21	M	HF
960234	2480	cut	clst	0.45	0.07	11	P	HF
960235	2580	cut	clst	0.49	0.06	17	P	HF
960236	2680	cut	clst	0.47	0.04	23	M	HF
960237	2780	cut	clst/slst	0.50	0.07	25	M	HF
960238	2880	cut	clst/slst	0.55	0.06	17	Mst	HF
960239	2980	cut	clst/slst	0.57	0.05	20	Mst	HF
960240	3000	swc	clst/sst	barren	-	-	-	bulk
960241	3066	swc	clst/slst	barren	-	-	-	bulk
960242	3080	cut	clst/slst	0.58	0.05	20	Mst	HF
960243	3100	swc	clst/slst	0.64	0.07	13	M	bulk
960244	3180	cut	clst/slst	0.65	0.07	22	Mst	HF
960245	3247	swc	clst/slst	0.72	0.06	19	Mst	bulk
960246	3280	cut	clst/slst	0.70	0.05	14	Mst	HF
960247	3380	cut	clst/slst	0.73	0.05	20	Mst	HF
960248	3397	swc	clst/slst	0.83	0.07	13	Mst	bulk
960249	3442	swc	clst	0.71	0.05	9	Pst	bulk
960250	3462	swc	clst/slst	0.83	0.06	19	Mst	bulk
960251	3480	cut	clst/slst	0.77	0.08	27	Pst	HF
960252	3514	swc	clst/slst	0.77	0.06	11	Mst	bulk
960253	3580	cut	clst/slst	0.85	0.08	12	Mst	HF
960254	3610	swc	clst/slst	0.76	0.07	3	Pst	bulk
960255	3680	cut	clst/slst	0.75	0.07	22	Mst	HF
960256	3700	swc	clst/slst	0.84	0.07	9	Mst	bulk
960257	3780	cut	clst/slst	0.70	0.02	4	Pst	HF
960258	3847	swc	clst/slst	0.90	0.05	12	Mst	bulk
960259	3880	cut	clst/slst	0.97	0.07	19	Mst	HF
960260	3980	cut	clst/slst	0.98	0.08	20	Mst	HF
960261	4047	swc	clst/slst	0.92	0.08	14	Mst	bulk
960262	4080	cut	clst	1.02	0.08	21	Mst	HF

G	Good quality	**P**	Poor quality	**st**	HC-staining	**HF**	HF-treated
M	Moderate quality	**X**	Not vitrinite	**Barren**	Barren of vitrinite	**Bulk**	Bulk rock

Table 1 Vitrinite reflectance data, continued

Well
6406/2-2

IFE no.	Depth, mRKB	Sample type	Lithology	%Rm	Std. dev.	N	Quality	Preparation
960263	4180	cut	clst	1.03	0.08	25	Mst	HF
960264	4195	swc	clst	1.23	0.05	13	P	bulk
960265	4280	cut	clst	0.93	0.05	8	Pst	HF
960266	4354	swc	clst	1.07	0.10	26	Mst	bulk
960267	4380	cut	clst	1.15	0.11	30	Mst	HF
960268	4385	swc	clst	1.04	0.11	26	Mst	bulk
960269	4425	swc	clst	1.11	0.09	20	Mst	bulk
960270	4450	cut	clst	1.25	0.10	28	Mst	HF
960523	4935.7	core	clst	1.76	0.10	23	Pst	bulk
960524	4969.2	core	clst/sst	1.27	0.07	4	Pst	bulk
				1.72	0.12	21		

G	Good quality	**P**	Poor quality	**st**	HC-staining	**HF**	HF-treated
M	Moderate quality	**X**	Not vitrinite	**Barren**	Barren of vitrinite	**Bulk**	Bulk rock