

Table B-10

Daily mud properties															Date							
(((19/8-1991							
System : BORE																						
Well: 2/11-8																						
Mud Contractor: ANCHOR DRUG FLUIDS																						
Data: "Mid depth" from table 3, otherwise from table 14.																						
Date	Mid. depth	Mud : m, MD	PV : (SG)	YP : cp	GEL : Pa	GEL : Pa	100 : psi	HP/HT : inn/out	Cl- : mg/l	Alkalinity : Pf	Ca++ : Pm	Oil : Mf	Sol : mg/l	H2O : %	V.G. meter at 115 gr. F:						Type	
															600	300	200	100	6	3	Mud	
:910403:	140:	1.05:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910404:	174:	1.20:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910406:	216:	1.20:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910407:	755:	1.08:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910408:	1015:	1.08:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910409:	1015:	1.20:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910410:	1015:	1.02:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD
:910411:	1018:	1.60:	27:	12:	4:	5:	9.1:	2.8:	65000/65000:	0.10:	0.20:	0.50:	440/440	0:	22:	78:	77:	50:	40:	27:	8:	6:SPUD
:910412:	1376:	1.60:	25:	16:	8:	10:	9.1:	5.2:	60000/60000:	0.10:	0.60:	0.60:	400/400	0:	24:	76:	82:	57:	46:	32:	11:	8:ANCOQUAT
:910413:	1650:	1.60:	26:	16:	8:	12:	8.9:	4.0:	81000/81000:	0.10:	0.60:	0.80:	600/600	0:	26:	74:	84:	58:	47:	33:	9:	7:ANCOQUAT
:910414:	1984:	1.60:	39:	25:	6:	14:	8.7:	6.2:	67000/67000:	0.10:	0.70:	1.10:	560/560	0:	28:	72:	128:	89:	77:	53:	16:	12:ANCOQUAT
:910415:	2080:	1.60:	26:	17:	4:	7:	8.6:	3.8:	68000/68000:	0.10:	0.60:	0.60:	550/550	0:	22:	78:	86:	60:	48:	31:	11:	8:ANCOQUAT
:910416:	2259:	1.60:	35:	18:	5:	10:	8.6:	6.8:	65000/65000:	0.10:	0.10:	1.40:	580/580	0:	26:	:	89:	62:	50:	35:	11:	8:ANCOQUAT
:910417:	2253:	1.60:	21:	17:	4:	8:	8.5:	7.6:	65000/65000:	0.10:	0.10:	1.30:	640/640	0:	26:	:	76:	55:	44:	32:	9:	6:ANCOQUAT
:910418:	2349:	1.60:	24:	18:	5:	13:	8.5:	10.0:	63000/63000:	0.10:	0.10:	1.40:	800/800	0:	25:	:	96:	60:	51:	42:	16:	12:ANCOQUAT
:910419:	2515:	1.60:	24:	22:	6:	14:	8.5:	15.0:	61000/61000:	0.10:	0.10:	1.50:	780/780	0:	26:	:	92:	68:	55:	42:	19:	14:ANCOQUAT
:910420:	2515:	1.60:	24:	18:	5:	12:	8.5:	12.0:	62000/62000:	0.10:	0.10:	1.40:	720/720	0:	26:	:	84:	60:	57:	47:	17:	11:ANCOQUAT
:910421:	2515:	1.60:	28:	27:	5:	13:	8.5:	10.0:	62000/62000:	0.10:	0.10:	1.50:	760/760	0:	26:	:	98:	70:	67:	58:	18:	12:KCL
:910422:	2515:	1.60:	27:	20:	5:	12:	8.5:	10.0:	62000/62000:	0.10:	0.10:	1.40:	720/710	0:	26:	:	94:	67:	59:	52:	18:	10:KCL
:910424:	2737:	1.52:	24:	24:	9:	14:	9.0:	16.0:	61000/61000:	1.00:	0.20:	:	1520/1520	0:	16:	:	96:	78:	61:	47:	20:	17:KCL
:910425:	2958:	1.52:	26:	23:	11:	19:	8.0:	17.8:	62000/62000:	:	:	0.80:	1240/1240	0:	16:	:	97:	71:	58:	44:	20:	17:KCL
:910426:	3009:	1.52:	23:	12:	4:	12:	7.6:	15.5:	62000/62000:	1.00:	:	0.80:	1200/1200	0:	16:	84:	70:	47:	39:	27:	7:	5:KCL
:910427:	3068:	1.52:	20:	11:	2:	9:	7.4:	8.8:	66000/66000:	:	:	1.00:	1080/1080	0:	15:	85:	62:	42:	33:	23:	5:	3:KCL
:910428:	3080:	1.52:	24:	16:	4:	11:	7.3:	6.5:	65000/65000:	:	:	1.00:	1120/1120	0:	19:	81:	79:	55:	45:	32:	9:	6:KCL
:910429:	3140:	1.51:	24:	14:	3:	7:	7.3:	4.2:	69000/69000:	:	:	1.00:	1280/1280	0:	18:	82:	75:	51:	41:	29:	6:	4:KCL
:910430:	3230:	1.45:	23:	15:	3:	8:	8.5:	6.0:	70000/70000:	:	:	1.00:	920/920	0:	16:	84:	76:	53:	44:	32:	8:	6:KCL
:910501:	3245:	1.45:	22:	17:	4:	11:	8.2:	6.4:	69000/69000:	:	:	1.10:	920/920	0:	16:	84:	78:	56:	46:	34:	9:	6:KCL
:910502:	3313:	1.45:	22:	15:	3:	7:	8.7:	5.4:	71000/71000:	0.30:	:	1.50:	780/780	0:	16:	84:	73:	51:	42:	30:	7:	5:KCL
:910503:	3320:	1.45:	24:	17:	4:	10:	8.7:	4.9:	70000/70000:	0.20:	:	1.10:	720/720	0:	16:	84:	81:	57:	48:	35:	9:	7:KCL
:910504:	3484:	1.45:	24:	18:	6:	15:	8.9:	8.4:	67000/67000:	0.50:	:	1.70:	240/240	0:	16:	84:	85:	67:	51:	37:	12:	9:KCL
:910505:	3633:	1.45:	21:	18:	6:	12:	8.9:	11.9:	67000/67000:	0.50:	:	1.70:	240/240	0:	16:	84:	76:	55:	45:	34:	11:	9:KCL
:910506:	3650:	1.45:	18:	9:	6:	15:	8.5:	11.9:	13000/13000:	0.10:	:	0.50:	200/200	0:	16:	84:	53:	35:	28:	20:	10:	8:KCL
:910507:	3687:	1.45:	19:	9:	2:	6:	9.8:	5.8:	15000/15000:	0.30:	:	0.80:	80/80	0:	16:	84:	56:	37:	27:	18:	4:	3:KCL
:910508:	3717:	1.50:	19:	9:	3:	9:	9.9:	5.7:	15500/15500:	0.30:	:	0.70:	60/60	0:	18:	82:	56:	37:	26:	18:	5:	3:HPHT
:910509:	3723:	1.60:	20:	10:	3:	10:	9.8:	5.7:	14800/14800:	0.20:	:	0.70:	60/60	0:	21:	79:	60:	40:	30:	21:	6:	5:HPHT
:910510:	3748:	1.60:	17:	11:	5:	15:	10.0:	5.8:	15000/15000:	0.10:	1.10:	0.90:	60/60	0:	20:	80:	55:	38:	31:	21:	10:	9:HPHT
:910511:	3766:	1.60:	20:	10:	4:	12:	9.9:	5.7:	15800/15800:	0.20:	1.00:	0.70:	60/60	0:	20:	80:	60:	40:	32:	22:	7:	6:HPHT
:910512:	3767:	1.62:	20:	11:	4:	11:	9.0:	5.4:	16000/16000:	0.10:	0.80:	0.90:	90/90	0:	21:	79:	62:	42:	34:	24:	8:	7:HPHT
:910513:	3819:	1.61:	20:	13:	6:	15:	10.0:	5.2:	15200/15200:	0.30:	1.20:	1.30:	80/80	0:	21:	79:	65:	45:	38:	27:	12:	11:HPHT
:910514:	3850:	1.60:	20:	12:	6:	15:	10.0:	5.4:	15400/15400:	0.40:	:	1.50:	80/80	0:	21:	79:	63:	43:	35:	26:	11:	10:HPHT
:910515:	3852:	1.61:	18:	10:	4:	15:	10.0:	4.3:	15400/15400:	0.40:	:	1.50:	80/80	0:	21:	79:	55:	37:	29:	20:	7:	6:HPHT
:910516:	3884:	1.60:	18:	10:	5:	15:	10.0:	4.3:	16000/16000:	0.60:	:	2.00:	120/120	0:	21:	79:	55:	37:	28:	20:	8:	7:HPHT
:910517:	3884:	1.60:	18:	10:	5:	12:	10.0:	4.3:	16000/16000:	0.60:	:	2.00:	120/120	0:	21:	79:	55:	37:	28:	20:	8:	7:HPHT
:910518:	3886:	1.60:	19:	10:	4:	10:	10.2:	4.0:	15500/15500:	0.60:	:	2.20:	80/80	0:	21:	79:	59:	40:	33:	22:	9:	7:HPHT

Daily mud properties															Date										
															19/8-1991										
System : BORE																									
Well: 2/11-8																									
Mud Contractor: ANCHOR DRLG FLUIDS																									
Hydro Data: "Mid depth" from table 3, otherwise from table 14.																									
Mid. Mud	PV	YP	GEL	GEL	100	HP/HT	C1-	Alkalinity	Ca++	Oil	Sol	M20	V.G. meter at 115 gr. F:												
depth	Dens.		0	10	psi	inn/out		inn/out					600	300	200	100	6	3	Mud						
Date	m,MD	(SG)	cp	Pa	Pa	Pa	pH	(cc)	(cc)	mg/l	Pf	Pm	Mf	mg/l	%	%	%	rpm	rpm	rpm	rpm	rpm	Type		
910519	3886	1.60	19	10	4	12	10.1	4.5		16000/16000	4.50		2.30	80/80	0	21	79	58	39	32	23	9	8	HPHT	
910520	3908	1.60	17	11	5	14	9.9	4.3		16000/16000	0.70		2.30	80/80	0	21	79	56	39	32	23	10	9	HPHT	
910521	3932	1.60	18	8	5	12	9.3	4.1		15600/15600	0.60		1.90	100/100	0	21	79	52	34	28	20	8	7	HPHT	
910522	3972	1.60	16	10	5	15	10.2	4.2		15900/15900	1.20		3.00	48/48	0	22	78	52	36	29	21	11	10	HPHT	
910523	3985	1.60	16	10	6	14	9.5	3.9		15800/15800	0.90		2.40	72/72	0	21	79	52	36	29	21	9	8	HPHT	
910524	4037	1.60	16	10	6	16	9.4	3.9		15400/15400	0.90		2.80	68/68	0	22	78	52	36	30	22	11	9	HPHT	
910525	4088	1.60	16	9	6	15	9.0	3.8		15000/15000	0.70		2.20	72/72	0	22	78	50	34	28	21	9	8	HPHT	
910526	4137	1.60	15	12	9	19	9.8	3.8		14900/14900	1.00		2.70	60/60	0	22	78	54	39	33	26	14	13	HPHT	
910527	4163	1.60	13	14	11	19	9.1	4.1		16000/16000	0.60		1.90	76/76	0	22	78	54	41	35	29	16	15	HPHT	
910528	4163	1.60	11	14	9	15	9.4	4.2		16000/16000	0.60	2.50	2.40	100/100		22		50	39	34	27	16	15	HPHT	
910529	4163	1.60	14	10	6	13	8.9	3.9		16500/16500	0.50	1.80	1.90	92/92		24		47	33	27	21	10	9	HPHT	
910530	4163	1.60	11	13	7	13	10.1	4.6		16500/16500	1.00	1.40	3.00	80/80		24		48	37	32	26	17	15	HPHT	
910531	4163	1.65	14	14	8	15	10.0	4.0		16500/16500	1.10	1.30	2.80	80/80		27		56	42	36	29	18	16	HPHT	
910601	4163	1.65	12	18	8	16	9.7	4.8		16500/16500	0.90	1.00	2.90	100/100		25		60	48	41	33	23	19	HPHT	
910602	4163	1.65	15	13	10	19	10.4	5.5		16500/16500	1.20	1.30	3.20	80/80		26		56	41	35	28	17	16	HPHT	
910603	4163	1.70	14	9	5	11	9.7	3.6		17000/17000	0.90	1.20	2.90	80/80		27		45	37	25	19	8	6	HPHT	
910604	4163	1.70	16	9	4	8	9.4	3.3		17000/17000	0.80		2.40	80/80		25		49	33	27	20	9	8	HPHT	
910605	4163	1.70	16	11	6	12	9.2	3.1		17000/17000	0.70		2.30	100/100		25		54	38	33	26	12	10	HPHT	
910606	4163	1.70	17	9	4	8	9.2	3.8		17500/17500	0.60		2.60	60/60		25		52	35	28	20	9	7	HPHT	
910607	4163	1.70	18	13	6	13	9.0	3.6		17500/17500	0.50		2.50	60/60		25		62	44	36	29	13	12	HPHT	
910608	4163	1.70	19	14	6	14	9.0	3.6		17500/17500	0.50		2.50	60/60		25		66	47	38	30	14	12	HPHT	
910609	4163	1.70	19	14	6	14	9.1	3.6		17500/17500	0.50		2.50	80/80		25		66	47	38	28	13	11	HPHT	
910610	4163	1.70	18	8	2	5	9.9	3.7	14.0	15000/15000	0.60		2.20	180/180		24		51	33	26	18	4	3	HPHT	
910611	4163	1.70	19	8	2	6	9.8	3.6	15.0	15000/15000	0.50		2.30	180/180		24		54	35	27	20	5	3	HPHT	
910612	4170	1.70	17	9	3	6	10.4	3.8	14.0	15000/15000	1.40	2.10	3.30	80/80		24		54	37	28	19	6	4	HPHT	
910613	4187	1.70	19	9	3	8	10.4	3.6	13.0	14800/14800	1.70	2.20	3.80	80/80		24		56	37	31	22	7	5	HPHT	
910614	4251	1.70	15	10	4	10	10.2	3.2	12.0	14500/14500	1.60	2.30	4.10	80/80		24		50	35	29	21	7	6	HPHT	
910615	4276	1.71	18	11	5	11	10.5	3.2	14.0	14200/14200	1.80	2.60	4.20	80/80		24		58	40	33	24	9	8	HPHT	
910616	4305	1.70	17	9	3	6	10.3	2.5	14.0	14000/14000	1.30	1.40	3.50	80/80		23		51	34	28	13	7	5	HPHT	
910617	4353	1.70	17	10	5	9	10.4	2.7	12.0	11000/11000	1.60	2.10	3.60	80/80		23		53	36	29	21	8	7	HPHT	
910618	4353	1.70	17	8	3	7	10.5	2.6	13.0	11100/11100	0.90	1.00	3.10	80/80		23		50	33	26	18	6	5	HPHT	
910619	4354	1.75	18	8	3	5	10.0	2.4	10.0	10500/10500	1.00	1.80	3.40	80/80		24		52	34	27	18	6	5	HPHT	
910620	4379	1.80	18	8	3	5	10.0	2.4	10.0	10500/10500	1.00	1.80	3.40	80/80		24		52	34	27	18	6	5	HPHT	
910621	4441	1.80	18	7	3	6	10.5	2.7	13.0	11700/11700	1.30	1.50	3.60	60/60		0	26	74	50	37	26	17	5	4	HPHT
910622	4445	1.80	18	10	6	11	10.5	2.5	14.5	12600/12600	1.50	1.50	4.10	60/60		0	26	74	55	37	31	22	9	8	HPHT
910623	4482	1.80	18	11	8	13	10.8	2.5	11.5	12000/12000	1.70	1.70	4.80	80/80		0	27	73	58	40	32	24	10	9	HPHT
910624	4536	1.80	17	7	4	10	10.5	2.0	11.0	13600/13600	1.80	1.70	4.70	60/60		0	26	74	48	31	25	18	7	6	HPHT
910625	4574	1.80	17	8	6	11	10.2	2.0	11.0	13000/13000	1.40	1.40	4.80	60/60		0	27	73	50	33	27	19	8	7	HPHT
910626	4584	1.80	16	6	3	8	10.0	2.0	11.0	13000/13000	1.60		4.00	80/80		0	26	74	44	28	22	15	6	5	HPHT
910627	4584	1.80	17	9	6	13	10.7	19.0	11.0	13100/13100	2.70	2.20	6.30	60/60		0	27	73	52	35	29	22	12	11	HPHT
910628	4584	1.80	17	9	6	14	10.3	2.0	11.0	13500/13500	2.20		6.00	100/100		0	27	73	52	35	29	22	13	12	HPHT
910629	4584	1.90	17	9	8	17	10.2	2.0	11.0	14000/14000	2.00		5.80	80/80		0	31	69	52	35	30	23	14	14	HPHT
910630	4584	1.90	18	9	7	18	10.2	2.0	11.0	14000/14000	2.00		5.60	80/80		0	31	69	54	36	31	23	14	14	HPHT

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Well: 2/11-8																								
Mud Contractor: ANCHOR DRLG FLUIDS																								
Hydro Data: "Mid depth" from table 3, otherwise from table 14.																								
Date	m,MD	(SG)	cp	Pa	Pa	Pa	pH	(cc)	(cc)	mg/1	Pf	Pm	Mf	mg/1	%	%	%	rpm	rpm	rpm	rpm	rpm	rpm	Type
910701	4584	1.90	18	9	7	18	10.1	2.0	11.0	14000/14000	2.00		5.60	40/40	0	31	69	54	36	31	23	14	14	HPHT
910702	4060	1.90	23	17	2	6	12.3	2.5	16.0	13000/13000	2.50	5.50	6.20	1200/1200	0	32	68	46	29	20	12	7	4	HPHT
910703	4085	1.70	16	6	1	7	12.2	3.0		12000/12000	2.40		6.20		0	26	74	44	28	18	11	7	4	HPHT
910704	4085	1.70	15	4	1	4	12.2	2.2		11000/11000	2.50		6.20		0	26	74	38	23	16	10	4	2	HPHT
910705	4085	1.70	16	4	1	4	12.2	2.2		11500/11500	2.50		6.50		0	26	74	40	24	17	10	4	2	HPHT
910706	2235	1.70	17	5	3	12	10.2	2.5		11500/11500	1.00		8.50		0	26	74	44	27	19	12	9	6	HPHT
910707	2235	1.60	15	4	3	10	11.0	3.0		10000/10000	1.50		6.00					38	23	16	11	6	4	HPHT
910708	750	1.60	19	8	4	12	11.1	6.0		22000/22000	1.50		5.00					54	35	29	20	10	8	HPHT



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Exploration and Production

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Summary/Conclusion/Recommendation

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1. INTRODUCTION.

Well 2/11-8 is located in the western part of the Ål basin in the western part of block 2/11. The well was spudded 3. April 1991 and reached T.D. at 4588m in the Lower Carboniferous. Well location maps are given in Figure 1.1, and a well summary with formation tops is given in Table 1.1.

The aims of this study were to obtain a maturity profile of the well using vitrinite reflectance and spore color, and to identify and characterize potential source rocks in the intervals 4263-4270m, 4487-4525m and 4545-4550m using RockEval/TOC.

This report comprises the results from petroleum geochemical analysis of 78 samples, both DCs and SWCs.

A list of the samples investigated is given in Table 1.2.

Vitrinite reflectance measurements was undertaken by Geooptics, Newcastle, UK. Spore color was measured by Robertson Research, Wales, UK. All other analytical work, interpretation of data and compilation of this report was done at Norsk Hydro Research Center, Bergen Norway.

Table 1.2 List of samples analysed.

DEPTH m	Type	Vitrinite Reflectance	SCI	RockEval	TOC	Visual Kerogen
1	1020	DCD	*	*		
2	1120	DCD	*			
3	1220	DCD	*	*		
4	1320	DCD	*	*		
5	1420	DCD	*	*		
6	1520	DCD	*	*		*
7	1620	DCD	*	*		
8	1720	DCD	*	*		
9	1820	DCD	*	*		
10	1920	DCD	*	*		
11	2020	DCD	*	*		
12	2120	DCD	*	*		*
13	2220	DCD	*	*		
14	2320	DCD	*	*		
15	2420	DCD	*	*		
16	2510	DCD	*			
17	2520	DCD	*	*		
18	2620	DCD	*	*		
19	2720	DCD	*	*		
20	2820	DCD	*	*		
21	2920	DCD	*	*		
22	3020	DCD	*	*		
23	3140	DCD	*	*		
24	3240	DCD	*	*		
25	3320	DCD	*	*		
26	3550	DCD	*	*		
27	3620	DCD	*	*		*
28	3720	DCD	*	*		*
29	3820	DCD	*	*		*
30	3920	DCD	*	*		
31	4020	DCD	*	*		
32	4120	DCD	*	*		
33	4152	DCD	*			
34	4220	DCD	*	*		*
35	4262	DCD		*	*	
36	4265	DCD		*	*	
37	4266	SWC	*	*	*	
38	4267	SWC		*	*	*
39	4267	DCD		*	*	
40	4268	SWC		*	*	
41	4270	SWC		*	*	
42	4270	DCD		*	*	
43	4280	SWC		*	*	
44	4295	SWC		*	*	*
45	4320		*			
46	4330	SWC		*	*	*
47	4345	SWC		*	*	
48	4372	SWC	*	*	*	
49	4405	SWC		*	*	*
50	4420	DCD	*			
51	4430	SWC		*	*	*
52	4487	DCD		*	*	
53	4489	SWC	*	*	*	*
54	4490	DCD		*	*	
55	4492	DCD		*	*	
56	4495	DCD		*	*	
57	4497	DCD		*	*	
58	4500	SWC		*	*	*
59	4500	DCD		*	*	
60	4502	DCD		*	*	
61	4505	DCD		*	*	
62	4507	DCD		*	*	
63	4510	DCD		*	*	
64	4512	DCD		*	*	
65	4515	SWC	*	*	*	*
66	4515	DCD		*	*	
67	4517	DCD		*	*	
68	4520	DCD	*	*	*	*
69	4521	SWC		*	*	
70	4522	DCD		*	*	
71	4525	DCD		*	*	
72	4532	SWC				*
73	4540	SWC				*
74	4545	DCD		*	*	
75	4547	DCD		*	*	
76	4550	DCD		*	*	
77	4552	SWC				*
78	4580	SWC	*	*		



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Table 2.1 Vitrinite reflectance.

Table 2.1 VITRINITE REFLECTANCE DATA WELL 2/11-8
Average values

Depth	Group/Fm.	%	Lithology	Type	Population I	Population II	Population III	SCI
1020.00		90	SH	DC	0.40 (5)			
1120.00		100	SH	DC	0.39 (6)			
1220.00		100	SH	DC	0.34 (7)			
1320.00		100	SH	DC	0.37 (4)			
1420.00		100	SH	DC	0.00			
1520.00		100	SH	DC	0.31 (7)			
1620.00		100	SH	DC	0.35 (22)			
1720.00		100	SH	DC	0.38 (22)			
1820.00		100	SH	DC	0.38 (20)			
1920.00		100	SH	DC	0.38 (14)			
2020.00		100	SH	DC	0.39 (22)			
2120.00		100	SH	DC	0.35 (21)			
2220.00		100	SH	DC	0.40 (20)			
2320.00		100	SH	DC	0.41 (20)			
2420.00		100	SH	DC	0.47 (20)			
2510.00		70	SH	DC	0.43 (10)			
2620.00		100	SH	DC	0.50 (20)			
2720.00		100	SH	DC	0.48 (20)			

Table 2.1 VITRINITE REFLECTANCE DATA WELL 2/11-8 (cont'd)
Average values

Depth	Group/Fm.	%	Lithology	Type	Population I	Population II	Population III	SCI
2820.00		100	SH	DC	0.54 (21)			
2920.00		70	SH	DC	0.50 (20)			
3020.00		100	SH	DC	0.54 (5)			
3140.00		100	MRL	DC	0.56 (2)			
3240.00		100	MRL	DC	0.57 (10)			
3320.00		100	MRL	DC	0.51 (1)			
3550.00		100	MRL	DC	0.00			
3620.00		100	MRL	DC	0.00			
3720.00		100	MRL	DC	0.57 (9)			
3820.00		100	MRL	DC	0.57 (7)			
3920.00		80	MRL	DC	0.55 (20)			
4020.00		100	SH	DC	0.56 (5)			
4120.00		100	CLYST	DC	0.52 (6)			
4152.00		100	CLYST	DC	0.61 (7)			
4220.00		100	SH	DC	0.61 (1)			
4266.00		100	SH	DC	0.00			
4372.00		100	SLTY.SH	DC	0.00			
4489.00		100	COAL	DC	0.93 (23)			
4515.00		100	COAL	DC	1.07 (22)			

Table 2.1 VITRINITE REFLECTANCE DATA WELL 2/11-8 (cont'd)
Average values

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Depth	Group/Fm.	%	Lithology	Type	Population I	Population II	Population III	SCI
4580.00		100	CLYST	DC	0.60 (4)			

Table 2.2 Spore colour index.

1020	2
1220	2
1320	2
1420	2
1620	2.0-2.5
1720	2.5-3.0
1820	2.5-3.0
1920	3
2020	3
2120	3.5
2220	3.0-3.5
2420	3.5
2520	3.5-4.0
2620	3.0-3.5
2820	3.5
2920	3.5-4.0
3020	3
3140	3.5
3240	4
3320	3.5-4.0
3550	3.5-4.0
3620	3.5
3720	3.5-4.0
3820	4.0-4.5
3920	4
4020	4.0-4.5
4120	4.0-4.5
4220	NDP
4320	5.0?
4420	7.5
4520	7
4580	7.0-7.5



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Table 3.1 Source rock screening data.

Table 3.1 SOURCE ROCK SCREENING DATA WELL 2/11-8



Depth (m)	Group/Fm.	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4262.00			DCD	0.36	1.33	1.1	121	0.21	443	F-BERGEN
4265.00			DCD	0.11	1.04	1.1	95	0.10	445	F-BERGEN
4266.00		CLYST	SWC	0.00	0.00	0.2	0	0.00	0	F-BERGEN
4267.00		CLYST	SWC	0.03	0.17	0.2	85	0.15	393	F-BERGEN
4267.00			DCD	0.00	0.13	0.4	33	0.00	445	F-BERGEN
4268.00		CLYST	SWC	0.01	0.07	0.3	23	0.13	388	F-BERGEN
4270.00		CLYST	SWC	0.00	0.00	0.2	0	0.00	0	F-BERGEN
4270.00			DCD	0.00	0.17	0.6	28	0.00	445	F-BERGEN
4280.00		CLYST	SWC	0.00	0.00	0.1	0	0.00	0	F-BERGEN
4295.00		CLYST	SWC	0.00	0.00	0.1	0	0.00	0	F-BERGEN
4330.00		COAL	SWC	4.72	87.22	42.0	208	0.05	442	F-BERGEN
4345.00		CLYST	SWC	0.01	0.05	0.2	25	0.17	439	F-BERGEN
4372.00		CLYST	SWC	0.00	0.01	0.1	10	0.00	334	F-BERGEN
4405.00		CLYST	SWC	0.02	0.16	0.9	18	0.11	541	F-BERGEN
4430.00		COAL	SWC	0.25	0.17	4.7	4	0.60	481	F-BERGEN
4487.00			DCD	1.02	3.38	21.4	16	0.23	456	F-BERGEN
4489.00		CLYST	SWC	18.34	184.62	73.0	253	0.09	448	F-BERGEN
4490.00			DCD	2.03	24.58	27.7	89	0.08	448	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 2/11-8 (cont'd)

Depth Group/Fm. (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4492.00		DCD	0.29	0.78	8.6	9	0.27	472	F-BERGEN
4495.00		DCD	0.79	5.64	14.2	40	0.12	455	F-BERGEN
4497.00		DCD	10.93	107.10	61.3	175	0.09	450	F-BERGEN
4500.00	CLYST	SWC	0.00	0.18	0.6	30	0.00	468	F-BERGEN
4500.00		DCD	1.60	18.32	25.8	71	0.08	445	F-BERGEN
4502.00		DCD	2.91	35.10	30.4	115	0.08	448	F-BERGEN
4505.00		DCD	1.19	7.06	23.9	30	0.14	451	F-BERGEN
4507.00		DCD	2.03	23.04	17.8	129	0.08	450	F-BERGEN
4510.00		DCD	2.17	28.08	23.8	118	0.07	445	F-BERGEN
4512.00		DCD	1.30	21.90	20.2	108	0.06	445	F-BERGEN
4515.00	COAL	SWC	16.95	132.10	71.6	184	0.11	450	F-BERGEN
4515.00		DCD	13.45	112.36	64.8	173	0.11	450	F-BERGEN
4517.00		DCD	9.83	93.97	47.5	198	0.09	448	F-BERGEN
4520.00		DCD	16.73	132.73	64.3	206	0.11	449	F-BERGEN
4521.00	CLYST	SWC	0.05	0.19	0.2	95	0.21	472	F-BERGEN
4522.00		DCD	5.44	55.44	39.4	141	0.09	447	F-BERGEN
4525.00		DCD	2.93	27.52	29.8	92	0.10	448	F-BERGEN
4545.00		DCD	7.79	105.55	61.1	173	0.07	453	F-BERGEN
4547.00		DCD	5.74	63.93	41.2	155	0.08	451	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 2/11-8 (cont'd)



Depth Group/Fm. (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4550.00		DCD	1.49	18.36	19.9	92	0.08	449	F-BERGEN