

5.2 Oil stain and fluorescence

A summary of the observed shows is given in Table 5.1 below:

INTERVAL (mRKB)	SOURCE	LITHOLOGY	SHOWS DESCRIPTION
2730-2775	Core	Sandstone	Weak Petroliferous odour, no oil stain, 100% dull yellow direct Fluorescence, moderate blue white uniform blooming fluorescent cut, no visible cut, blue white - light yellow white fluorescent Residue, no visible Residue.
2775-2816.33	Core	Sandstone	Very weak - weak Petroliferous odour, no oil stain, weak dull yellow direct Fluorescence, weak blue white blooming fluorescent cut, no visible cut, white yellow fluorescent Residue, no visible Residue.
2786-2816.33	Core	Siltstone	No Petroliferous odour, no oil stain, no direct Fluorescence, weak - very weak blue white fluorescent cut, no visible cut, weak blue white - light yellow white fluorescent Residue, no visible Residue.
2792-2816.33	Core	Claystone	No Petroliferous odour, no oil stain, no direct Fluorescence, very weak blooming blue white fluorescent cut, no visible cut, very weak white - light yellow fluorescent Residue, no visible Residue.

Table 5.1. Shows summary



FORMATION PRESSURE WORKSHEET

Well Name : 6305/5-1 Rig : Ocean Alliance Date : 14.09.97

Pressure Units : Bars RKB-MSL : 889 m. MSL-SBed: 26 m. Witnessed by : Hinderaker/Kalgraff/Frimann-Dahl

Run No./ Test No.	Depth	Depth	Initial Hydrostatic		Formation Pressure		Final Hydrostatic		Time		Formation Pressure sg EMD	Test Temp degC	Good Data? Y/N	Sample Information			Remarks		
			mMD RKB	mTVD RKB	Pressure		Pressure		Strain	Quartz				Set	Retract	Main Fluid Type		HC Gravity g/cc	Sample Vol, cc
					Strain	Quartz	Strain	Quartz											
1	2731,0	2731,0	358,2	356,63	287,6	286,05	358,3	356,60	15 25	15 32	1,068	68,2	Y				K/u= 537 9 mD/cp		
2	2735,0	2735,0	358,8	357,10	287,7	286,18	358,8	357,17	15 18	15 20	1,067	69,3	Y				K/u= 154 mD/cp		
3	2739,5	2739,5	359,5	357,76	287,8	286,30		357,77	15 08	15 10	1,065		Y				K/u= 458 8 mD/cp		
4	2747,0	2747,0	360,4	358,80	287,9	286,43	360,3	358,80	14 50	14 56	1,063	71,2	Y				K/u= 1252 1 mD/cp		
5	2753,5	2753,5	361,0	359,51	288,0	286,65	361,1	359,52	15 40	15 44	1,061	67,8	Y				K/u = 620 3 mD/cp		
6	2761,0	2761,0	362,1	360,50	288,1	286,79	361,9	360,47	15 51	15 53	1,059	68,8	Y				K/u = 364 4 mD/cp		
7	2763,5	2763,5	362,3	360,80	288,2	286,86	362,3	360,75	15 58	16 02	1,058	69,4	Y				K/u = 845 3 mD/cp		
8	2777,0	2777,0	364,0	362,55	288,5	287,07	364,0	362,50	16 08	16 12	1,054	70,4	Y				K/u = 62 9 mD/cp		
9	2787,0	2787,0	365,3	363,81	288,6	287,19	365,3	363,78	16 21	16 28	1,050	72,2	Y				K/u = 1212 mD/cp		
10	2789,0	2789,0	365,5	364,05	288,7	287,33	365,5	364,08	16 36	16 39	1,050	73,0	Y				K/u = 809 4 mD/cp		
11	2793,3	2793,3	366,1	364,63	289,2	287,79	366,2	364,59	16 47	16 52	1,050	73,5	Y				K/u = 739 5 mD/cp		
12	2802,0	2802,0	367,2	365,70	290,6	289,18	367,3	365,75	17 00	17 06	1,052	74,2	Y				K/u = 444 mD/cp		
13	2804,5	2804,5	367,5	366,05	291,0	289,55	367,5	365,93	17 13	17 19	1,052	74,5	Y				K/u = 551 4 mD/cp		
14	2807,3	2807,3	367,9	366,37	291,3	289,93	367,9	366,38	17 24	17 29	1,053	75,1	Y				K/u = 158 5 mD/cp		
15	2808,5	2808,5	368,1	366,50	291,5	290,05	368,1	366,51	17 36	17 40	1,053	75,5	Y				K/u = 684 8 mD/cp		
16	2814,0	2814,0	368,7	367,20	292,1	290,67	368,6	367,20	17 50	17 53	1,053	75,9	Y				K/u = 179 6 mD/cp		
17	2798,5	2798,5	366,7	365,20					18 14	18 17	0,000		N				Tight		
18	2799 5	2799,5	367,0	365,40	288,8	290,30	367,0	365,42	18 24	18 28	1,057	76,2	Y				K/u = 581 7		

NB Fmtn Press sg calculated from RKB



FORMATION PRESSURE WORKSHEET

Well Name : 6305/5-1

Rig : Ocean Alliance

Date : 14.09.97

Pressure Units : Bars

RKB-MSL : 889 m.

MSL-SBed: 26 m.

Witnessed by : Hinderaker/Kalgraff/Frimann-Dahl

Run No./ Test No.	Depth		Initial Hydrostatic Pressure		Formation Pressure		Final Hydrostatic Pressure		Time hh .mm		Formation Pressure sg EMD	Test Temp degC	Good Data? Y/N	Sample Information			Remarks
	mMD RKB	mTVD RKB	Strain	Quartz	Strain	Quartz	Strain	Quartz	Set	Retract				Main Fluid Type	HC Gravity g/cc	Sample Vol, cc	
19	2881,5	2881,5	377,4	375,80					18 45	18 49	0,000	76,7	N				Tight
20	2890,0	2890,0	378,4	376,95					18 50	18 53	0,000	77,3	N				Tight
21	2791,2	2791,2															
22	2779,0	2779,0		362,78		286,92		362,73	19 25	19 30	1,052	77,0	Y				
23	2970,0	2970,0	Cancelled the rest of the points due to the tight intervals looking the same below														
24	3007,0	3007,0															
25	3022,0	3022,0															



FORMATION PRESSURE WORKSHEET

Well Name		6305/5-1		Rig		Ocean Alliance		Date		14-15.09 97							
Pressure Units		Bars		RKB-MSL		889 m.		MSL-SBed		26 m		Witnessed by :		Hinderaker/Kalgraff/Frimann-Dahl			
Run No /	Depth	Depth	Initial Hydrostatic		Formation Pressure		Final Hydrostatic		Time		Formation	Test Temp	Good	Sample Information			Remarks
Test No			Pressure		Strain		Pressure		hh mm		Pressure	degC	Data?	Main	HC Gravity	Sample	
2B	mMD RKB	mTVD RKB	Strain	Quartz	Strain	Quartz	Strain	Quartz	Set	Retract	sg EMD		Y/N	Fluid Type	g/cc	Vol, cc	
2B/1	2763 5	2763 5	361 1	360 67	287 4	286 72			23 20	00 35	1 060	73 0					Drained 67ltr
									00 40	00 42	1 060	73 0	Y	Gas		1Gal	Chamber GA-132
									00 45	00 52	1 060	73 0	Y	Gas		450cc	Bottle # 1 AA-56
									00 55	01 01	1 060	73 0	Y	Gas		450cc	Bottle # 2 AA-55
									01 03	01 06	1 060	73 0	Y	Gas		450cc	Bottle # 3 AA-73
2B/2	2747 0	2747 0			286 9	286 36			01 15	02 00	1 060						Drained 32ltr 1341mD/Cp
									02 02	02 03	1 060	72 6	Y	Gas		1Gal	Chamber BB-67
									02 10	02 12	1 060	72 6	Y	Gas		450cc	Bottle # 4 AA-86
									02 16	02 23	1 060	72 6	Y	Gas		450cc	Bottle # 5 AA-607
									02 24	02 26	1 060	72 6	N				Unable to fill bottle # 6 AA751

NB Fmtn Press sg calculated from RKB



FORMATION PRESSURE WORKSHEET

Well Name : 6305/5-1

Rig : Ocean Alliance

Date : 14.09.97

Pressure Units : Bars

RKB-MSL : 889 m.

MSL-SBed: 26 m.

Witnessed by : Hinderaker/Kalgraff/Frimann-Dahl

Run No / Test No	Depth		Initial Hydrostatic Pressure		Formation Pressure		Final Hydrostatic Pressure		Time		Formation Pressure sg EMD	Test Temp degC	Good Data? Y/N	Sample Information			Remarks
	mMD RKB	mTVD RKB	Strain	Quartz	Strain	Quartz	Strain	Quartz	Set	Retract				Main Fluid Type	HC Gravity g/cc	Sample Vol, cc	
2C	2793.5	2793.5		363.7		287.6		363.9									K/u = 625.5 mD/cp



FORMATION PRESSURE WORKSHEET

Well Name :		6305/5-1		Rig :		Ocean Alliance		Date :		20-21.09.97										
Pressure Units :		Bars		RKB-MSL :		889 m.		MSL-SBed		26 m.		Witnessed by :		R.Nyby						
Run No./	Depth	Depth	Initial Hydrostatic	Formation Pressure		Final Hydrostatic		Time		Formation	Test Temp	Good	Sample Information							
Test No.			Pressure		Pressure		Pressure		hh:mm	Pressure	degC	Data?	Main	HC Gravity	Sample	Remarks				
2D	mMD	RKB	mTVD	RKB	Strain	Quartz	Strain	Quartz	Strain	Quartz	Set	Retract	sg	EMD	degC	Y/N	Fluid Type	g/cc	Vol. cc	Mobility
1	2767.5	2767.5	364.5	362.97	288.3	286.70	364.6	362.88	01 56	02 04			1,056	67.9	Y					17.8mD/Cp
2	2768.7	2768.7	364.7	363.081			364.7	363.04	02 07	02 15			0,000	67.9	N					Tight
3	2768.9	2768.9	364.7	363.084	288.3	286.85	364.7	363.03	02 19	02 27			1,056	68.0	Y					32.8mD/Cp
4	2770.2	2770.2	364.8	363.252			364.9	363.18	02 32	02 35			0,000	68.0	N					Tight
5	2770.3	2770.3	364.8	363.292			364.8	363.17	02 40	02 45			0,000	68.0	N					Tight
6	2770.1	2770.1	364.8	363.252			364.9	363.15	02 50	02 52			0,000	68.0	N					Tight
7	2768.9	2768.9	363.7	363	287.5	286.73			03 00	05 30			1,056	68.1	Y/N					Attempt to drain, loose seal
8	2769.0	2769.0	363.4	362.883	287.5	286.72			05 32	05 38			1,056	70.7	Y/N ?			1Gal		Dumped into chamber
9	2765.7	2765.7	363.0	362.285	287.4	286.68			06 12	06 30			1,057		Y					Abandoned attempt No seal
10	2727.0	2727.0	359.0	357.225	287.6	285.89			06 58				1,089	65.0	Y					270.7mD/Cp
11	2728.0	2728.0	359.1	357.412	287.6	285.95			07 02	07 08			1,068	65.0	Y					133.8mD/Cp
12	2729.0	2729.0	359.3	357.527	287.6	286.05	359.2	357.52	07 12	07 20			1,068	63.6	Y					213.8mD/Cp
13	2737.5	2737.5	360.3	358.694	287.7	286.26	360.2	358.68	07 30	07 35			1,066	63.8	Y					242.2mD/Cp
14	2758.5	2758.5	362.9	361.424	288.0	286.67	362.9	361.43	07 40	07 45			1,059		Y					195.5mD/Cp
15	2770.2	2770.2	364.4	362.916	288.2	286.90	364.3	362.90	08 03	08 03			1,056	68.5	Y					64.9mD/Cp
16	2776.5	2776.5	365.2	363.655	288.4	286.98	365.2	363.67	08 05	08 07			1,054	69.0						92.9mD/Cp
17	2779.0	2779.0	365.4	363.99					08 08	08 33			0,000	71.7	N					Supercharged
18	2778.9	2778.9	365.5	363.944	288.4	286.99			08 35	08 42			1,053	72.2	Y					197.1mD/Cp
19	2780.7	2780.7	365.7	364.177	288.4	287.01	365.7	364.18	08 43	08 48			1,052	72.8	Y					80.0mD/Cp
20	2783.0	2783.0	366.0	364.14	288.5	287.07	366.0	364.49	08 49	08 56			1,051	72.8	Y					91.2mD/Cp
21	2785.2	2785.2	366.2	364.74	288.6	287.12	366.3	364.80	08 51	09 04			1,051		Y					1253.4mD/Cp
22	2798.8	2798.8	368.0	366.511			368.7	366.77	09 09	09 36			0,000	74.3	N					Tight
23	2826.1	2826.1	371.5	370.006			369.9	371.45	09 36	09 46			0,000	74.5	N					Tight
24	2838.9	2838.9	373.1	371.613			373.1	371.63	09 47	09 51			0,000	75.4	N					Tight
25	2842.5	2842.5	373.6	372.094			373.6	372.11	09 55	10 10			0,000	76.5	N					Lost seal - tight
26	2846.2	2846.2	374.1	372.582			374.1	372.80	10 12	10 20			0,000	77.1	N					Tight
27	2847.6	2847.6	374.2	372.748			374.2	372.72	10 25	10 33			0,000		N					Lost seal, tight
28	2798.7	2798.7	368.0	366.461			368.0	366.5	10 38	11 03			0,0		N					Tight
29	2798.9	2798.9	368.1	366.484			368.0	366.50	11 09	11 15			0,000	76.1	N					Tight
30	2753.5	2753.5	362.1	360.513	288.0	286.54	362.1	360.57	12 10	12 16			1,061	70.7	Y					208.4mD/Cp
31	2758.0	2758.0	362.7	361.147	288.1	286.62	362.7	361.20	12 23	12 29			1,059	70.5	Y					119.9mD/Cp
32	2761.5	2761.5	363.1	361.637	288.1	286.69	363.2	361.62	12 35	12 43			1,058	70.5	Y					227.0mD/Cp
33	2767.5	2767.5	363.9	362.454	288.3	286.89	363.9	362.43	12 47	12 52			1,057	70.9	Y?					21.3mD/Cp
34	2768.9	2768.9	364.1	362.633	288.3	286.87	364.1	362.66	13 13	13 18			1,056	72.3	Y					24.2mD/Cp
35	2770.2	2770.2	364.3	362.805			364.2	362.84	13 22	13 28			0,000	72.6	N					Tight
36	2770.1	2770.1	364.2	362.735			364.29	362.86	13 32	13 35			0,000	72.6	N					Tight

NB FmIn Press sg calculated from RKB



FORMATION PRESSURE WORKSHEET

Well Name		6305/5-1		Rig		Ocean Alliance		Date		24 09 97		Witnessed by		O Wahl / R Nyby		
Pressure Units		bar		RKB-MSL		889 m		MSL-SBed		26 m						
Run No./	Depth	Depth	Initial Hydrostatic		Formation Pressure		Final Hydrostatic		Time	Formation	Test Temp	Good	Sample Information			
Test No	mMD RKB	mTVD RKB	Pressure				Pressure		hh mm	Pressure	degC	Data?	Main	HC Gravity	Sample	Remarks
2E			Strain	Quartz	Strain	Quartz	Strain	Quartz		sg EMD		Y/N	Fluid Type	g/cc	Vol, cc	Mobility
1	2770.3	2770.3	362.3	361.70	287.5	286.70	n/a	n/a	06 23	06 53	1 055	77.8	Y			Probe retracted
2	2770.3	2770.3	362.3	361.70	287.5	286.72	362.3	361.70	06 57	09 51	1 055	78.3	Y	Gas	1 gal & 450cc	64.7 mD/cp
3	2789.1	2789.1	358.6	358.07	287.8	287.10	359.1	358.70	10 45	12 34	1 049	80.9	Y	Gas	450 cc	449 mD/cp
4	2777.0	2777.0	357.1	356.63	287.7	287.01	361.9	361.44	12 47	15 00	1 054	80.4	Y	Gas	2 x 450 cc	25.8 mD/cp
										NB Fmtn Press sg calculated from RKB						

Norsk Hydro

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/5-1

Hole section: 36"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
27-jul-1997 23:59	1000	1000	SPUD MUD	56.0	1.06	0.0									0.0	0.0	0.0	0.0	0.0
29-jul-1997 23:59	996	996	KCL BRINE	0.0	1.20	0.0									0.0	0.0	0.0	0.0	0.0
30-jul-1997 23:59	996	996	KCL BRINE	0.0	1.20	0.0									0.0	0.0	0.0	0.0	0.0

Hole section: 26"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
03-aug-1997	1542	1542	KCL BRINE	80.0	1.20	0.0	68	54	46	37			17	16	50.0	14.0	20.0	8.0	9.0
03-aug-1997 23:59	1542	1542	KCL BRINE	80.0	1.20	0.0	68	54	46	37	32	26	17	16	25.0	14.0	20.0	8.0	9.0
04-aug-1997 17:00	1542	1542	KCL BRINE	45.0	1.20	0.0	48	35	31	23	21	16	10	9	25.0	13.0	11.0	5.0	6.0
05-aug-1997 23:59	1542	1542	KCL BRINE	55.0	1.20	0.0	56	43	38	31	25	20	16	14	25.0	13.0	15.0	7.0	8.0
06-aug-1997 23:59	1544	1544	KCL BRINE	57.0	1.20	0.0	57	44	38	32	26	21	16	14	50.0	13.0	15.0	7.0	8.0
10-aug-1997 23:59	0		KCL/POLYME	38.0	1.17	0.0	20	12	9	6	5	4	1	1	50.0	8.0	2.0	1.0	1.0
11-aug-1997 23:59	0		KCL/POLYME	38.0	1.17	0.0	20	12	9	6	5	4	1	1	50.0	8.0	2.0	1.0	1.0
12-aug-1997 23:59	0		KCL/POLYME	39.0	1.17	0.0	20	12	9	6	5	4	1	1	50.0	8.0	2.0	1.0	1.0
13-aug-1997 23:59	0		KCL/POLYME	0.0	1.17	0.0									0.0	0.0	0.0	0.0	0.0
14-aug-1997 20:00	0		KCL/POLYME	53.0	1.17	0.0	31	22	17	12	9	6	4	3	50.0	9.0	6.5	3.0	4.0

Hole section: 17 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
15-aug-1997 23:30	1300	1300	KCL/POLYME	49.0	1.30	0.0	46	31	24	17	13	9	5	4	50.0	15.0	8.0	4.0	5.0
16-aug-1997 23:59	1681	1681	KCL/POLYME	47.0	1.30	0.0	47	32	25	18	13	10	5	4	50.0	15.0	8.5	4.0	5.0
17-aug-1997 23:59	1681	1681	KCL/POLYME	60.0	1.30	0.0	59	43	36	27	21	17	10	8	50.0	16.0	13.5	4.5	6.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/5-1

Hole section: 17 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
18-aug-1997 23:59	2150	2150	KCL/POLYME	60.0	1.30	0.0									50.0	16.0	16.0	4.5	6.0
19-aug-1997 17:00	2150	2150	KCL/POLYME	57.0	1.31	0.0	59	44	37	29	23	15	11	9	50.0	15.0	14.5	4.0	6.0
20-aug-1997 22:00	2150	2150	KCL/POLYME	61.0	1.31	0.0	60	44	36	29	24	16	12	9	50.0	16.0	14.0	4.0	6.0
21-aug-1997 22:00	2150	2150	KCL/POLYME	73.0	1.30	0.0	82	61	52	40	35	28	18	15	50.0	21.0	20.0	7.0	9.0
22-aug-1997 22:00	2150	2150	KCL/POLYME	70.0	1.30	0.0	80	60	51	40	34	27	17	14	50.0	20.0	20.0	7.0	9.0
23-aug-1997 16:00	1		KCL/POLYME	63.0	1.30	0.0	91	65	54	40	33	26	13	10	50.0	26.0	20.0	5.0	7.0

Hole section: 12 1/4"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
24-aug-1997 23:30	2160	2160	KCL/POLYME	55.0	1.26	0.0	50	37	31	23	19	15	9	7	50.0	13.0	12.0	3.5	5.0
25-aug-1997 22:30	2433	2433	KCL/POLYME	60.0	1.26	0.0	57	42	36	27	23	19	10	9	50.0	15.0	13.5	4.0	6.0
26-aug-1997 21:30	2728	2728	KCL/POLYME	62.0	1.26	0.0	66	49	42	32	27	21	12	10	50.0	17.0	16.0	4.5	7.0
27-aug-1997 22:30	2749	2749	KCL/POLYME	68.0	1.26	0.0	61	46	39	30	26	20	11	8	50.0	15.0	15.5	4.5	6.0
28-aug-1997 22:30	2768	2768	KCL/POLYME	68.0	1.26	0.0	60	45	37	30	25	20	11	9	50.0	15.0	15.0	4.5	6.0
29-aug-1997 22:00	2771	2771	KCL/POLYME	66.0	1.26	0.0	60	45	39	29	25	20	12	10	50.0	15.0	15.0	4.5	6.5
30-aug-1997 22:00	2785	2785	KCL/POLYME	66.0	1.26	0.0	57	44	37	28	24	18	11	9	50.0	15.5	13.0	4.5	6.0
31-aug-1997 14:30	2792	2792	KCL/POLYME	67.0	1.26	0.0	59	45	37	28	24	20	11	9	50.0	14.0	15.5	4.5	6.5
01-sep-1997 22:30	2803	2803	KCL/POLYME	63.0	1.26	0.0	58	44	36	27	24	18	10	8	50.0	14.0	15.0	3.5	0.0
02-sep-1997 10:00	2819	2819	KCL/POLYME	68.0	1.26	0.0	57	43	36	27	23	18	10	9	50.0	14.0	14.5	4.0	6.0
03-sep-1997 23:45	2977	2977	KCL/POLYME	66.0	1.26	0.0	59	45	37	28	24	18	11	10	50.0	14.0	15.5	5.0	6.0
04-sep-1997 19:15	3053	3053	KCL/POLYME	62.0	1.26	0.0	59	45	38	29	24	18	12	10	50.0	14.0	15.5	4.5	6.0
05-sep-1997 23:45	3053	3053	KCL/POLYME	72.0	1.26	0.0	68	51	43	33	28	22	12	10	50.0	17.0	17.0	5.0	6.0
06-sep-1997 23:45	3053	3053	KCL/POLYME	74.0	1.26	0.0	65	49	42	32	27	21	11	9	50.0	16.0	16.5	4.5	7.0
07-sep-1997 12:45	3053	3053	KCL/POLYME	78.0	1.26	0.0	67	50	43	33	28	22	11	10	50.0	17.0	16.5	4.5	7.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/5-1

Hole section: 12 1/4"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
08-sep-1997 23:45	3053	3053	KCL/POLYME	80.0	1.26	0.0	68	51	44	34	29	23	12	10	50.0	17.0	17.0	5.0	7.0
09-sep-1997 23:45	3053	3053	KCL/POLYME	75.0	1.30	0.0	69	52	44	34	29	22	11	10	50.0	17.0	17.0	5.0	7.0
10-sep-1997 23:45	3053	3053	KCL/POLYME	80.0	1.30	0.0	68	51	43	33	28	21	11	9	50.0	17.0	17.0	5.0	7.0
11-sep-1997 23:45	3053	3053	KCL/POLYME	78.0	1.30	0.0	69	52	44	34	29	22	11	10	50.0	17.0	17.5	5.0	7.5
12-sep-1997 23:45	3053	3053	KCL/POLYME	80.0	1.30	0.0	69	52	44	34	29	22	11	10	50.0	17.0	17.5	5.0	7.5

Hole section: 8 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
13-sep-1997 23:45	3053	3053	KCL/POLYME	80.0	1.30	0.0	69	52	44	34	29	22	12	10	50.0	17.0	17.5	5.0	8.0
14-sep-1997 23:45	3053	3053	KCL/POLYME	83.0	1.30	0.0	69	52	44	34	29	22	12	10	50.0	17.0	17.5	5.0	8.0
15-sep-1997 23:45	3053	3053	KCL/POLYME	84.0	1.30	0.0	69	52	44	34	29	22	12	10	50.0	17.0	17.5	5.0	8.0
16-sep-1997 23:45	3053	3053	KCL/POLYME	84.0	1.30	0.0	69	52	44	34	29	22	12	10	50.0	17.0	17.5	5.0	8.0
17-sep-1997 23:45	3053	3053	KCL/POLYME	84.0	1.30	0.0	69	52	44	34	29	23	12	10	50.0	17.0	17.5	5.0	8.0
18-sep-1997 23:30	3053	3053	KCL/POLYME	84.0	1.30	0.0	69	52	44	34	29	23	12	10	50.0	17.0	17.5	5.0	8.0
19-sep-1997 23:45	3053	3053	KCL/POLYME	70.0	1.30	0.0	69	52	44	33	29	22	12	10	50.0	17.0	17.5	5.0	7.5
20-sep-1997 23:45	3053	3053	KCL/POLYME	74.0	1.30	0.0	69	52	44	33	29	22	12	10	50.0	17.0	17.5	5.0	7.5
21-sep-1997 23:45	3053	3053	KCL/POLYME	70.0	1.30	0.0	65	48	41	32	27	21	12	9	50.0	17.0	15.5	5.0	7.0
22-sep-1997 23:45	3053	3053	KCL/POLYME	70.0	1.30	0.0	65	48	41	32	27	21	12	9	50.0	17.0	15.5	5.0	7.0
23-sep-1997 20:00	3053	3053	KCL/POLYME	70.0	1.30	0.0	65	48	41	32	27	21	12	9	50.0	17.0	15.5	5.0	7.0
24-sep-1997 22:00	3053	3053	KCL/POLYME	70.0	1.31	0.0	65	48	41	32	27	21	12	9	50.0	17.0	15.5	5.0	7.0
25-sep-1997 16:00	3053	3053	KCL/POLYME	80.0	1.30	0.0	65	49	42	32	27	21	11	9	50.0	16.0	16.5	4.5	7.0
26-sep-1997 22:00	3053	3053	KCL/POLYME	75.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0
27-sep-1997 20:00	3053	3053	KCL/POLYME	75.0	1.30	0.0									50.0	16.0	16.0	5.0	7.0
28-sep-1997 22:00	3053	3053	KCL/POLYME	75.0	1.30	0.0	67	49	44	32	29	22	12	10	50.0	18.0	15.5	5.0	7.0
29-sep-1997 22:00	3053	3053	KCL/POLYME	75.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/5-1

Hole section: 8 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel10 [Pa]	Gel110 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
30-sep-1997 22:00	1770	1770	KCL/POLYME	70.0	1.30	0.0	67	49	44	32	29	22	12	10	50.0	18.0	15.5	6.0	8.0
01-oct-1997 21:00	1770	1770	KCL/POLYME	60.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0
02-oct-1997 22:00	1748	1748	KCL/POLYME	60.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0
03-oct-1997 21:00	1748	1748	KCL/POLYME	60.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0
04-oct-1997 15:00	1748	1748	KCL/POLYME	60.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0
05-oct-1997 21:00	0		KCL/POLYME	60.0	1.30	0.0	64	48	42	32	27	21	11	9	50.0	16.0	16.0	5.0	7.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : OTHER PARAMETERS FOR WELL 6305/5-1

Hole section: 36"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
27-jul-1997 23:59	1000	1000	SPUD MUD	1.06	0.0	0.0	0	0	0/0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0.0	0.0	0.0	0	0.0	0
29-jul-1997 23:59	996	996	KCL BRINE	1.20	0.0	0.0	0	0	0/0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0.0	0.0	0.0	0	0.0	0
30-jul-1997 23:59	996	996	KCL BRINE	1.20	0.0	0.0	0	0	0/0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0.0	0.0	0.0	0	0.0	0

Hole section: 26"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
03-aug-1997	1542	1542	KCL BRINE	1.20	7.5	0.0	0	0	0/0	8.0	0.0	0.0	0.0	120	0	71000	0	0	0	0.0	0.0	0.0	0	0.0	0
03-aug-1997 23:59	1542	1542	KCL BRINE	1.20	7.5	0.0	0	0	0/0	8.0	0.0	0.0	0.0	0	120	71000	0	0	0	0.0	0.0	0.0	0	0.0	0
04-aug-1997 17:00	1542	1542	KCL BRINE	1.20	6.4	0.0	0	0	0/0	8.0	0.0	0.0	0.0	132	120	80000	0	0	0	0.0	0.0	0.0	0	0.0	0
05-aug-1997 23:59	1542	1542	KCL BRINE	1.20	6.2	0.0	0	0	0/0	8.0	0.0	0.0	0.0	132	120	80000	0	0	0	0.0	0.0	0.0	0	0.0	0
06-aug-1997 23:59	1544	1544	KCL BRINE	1.20	6.2	0.0	0	0	0/0	8.0	0.0	0.0	0.0	132	120	80000	0	0	0	0.0	0.0	0.0	0	0.0	0
10-aug-1997 23:59	0	0	KCL/POLYME	1.17	5.7	0.0	0	0	0/0	7.1	0.0	0.1	0.6	0	0	0	0	0	40	0.0	0.0	0.0	0	0.0	0
11-aug-1997 23:59	0	0	KCL/POLYME	1.17	5.7	0.0	0	0	0/0	7.1	0.0	0.1	0.6	0	0	0	0	0	40	0.0	0.0	0.0	0	0.0	0
12-aug-1997 23:59	0	0	KCL/POLYME	1.17	5.8	0.0	0	0	0/0	7.1	0.0	0.1	0.6	0	0	0	0	0	40	0.0	0.0	0.0	0	0.0	0
13-aug-1997 23:59	0	0	KCL/POLYME	1.17	0.0	0.0	0	0	0/0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0.0	0.0	0.0	0	0.0	0
14-aug-1997 20:00	0	0	KCL/POLYME	1.17	4.6	0.0	0	0	0/0	7.0	0.0	0.1	0.4	0	0	0	20	0	40	5.1	0.0	0.0	0	0.0	0

Hole section: 17 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
15-aug-1997 23:30	1300	1300	KCL/POLYME	1.30	3.0	0.0	0	0	0/0	8.1	0.0	0.1	0.4	0	0	0	20	0	40	10.6	0.0	0.0	0	0.0	0
16-aug-1997 23:59	1681	1681	KCL/POLYME	1.30	3.1	0.0	0	0	0/0	8.0	0.0	0.1	0.4	0	0	0	20	0	60	11.1	0.0	0.0	0	0.0	0
17-aug-1997 23:59	1681	1681	KCL/POLYME	1.30	2.0	0.0	1	0	0/0	8.0	0.0	0.2	0.7	0	0	129000	200	0	400	15.6	0.0	0.5	14	0.0	25
18-aug-1997 23:59	2150	2150	KCL/POLYME	1.30	2.2	0.0	1	0	0/0	8.0	0.0	0.1	0.6	0	0	130000	200	0	400	15.2	0.0	0.5	14	0.0	25
19-aug-1997 17:00	2150	2150	KCL/POLYME	1.31	2.0	0.0	1	0	0/0	0.0	0.0	0.1	0.5	0	0	130000	200	0	400	15.6	0.0	0.5	21	****	7
20-aug-1997 22:00	2150	2150	KCL/POLYME	1.31	2.0	0.0	1	0	0/0	8.0	0.0	0.0	0.5	0	0	130000	200	0	400	16.1	0.0	0.8	22	0.0	35
21-aug-1997 22:00	2150	2150	KCL/POLYME	1.30	2.1	0.0	1	0	0/0	7.8	0.0	0.0	0.3	46	0	130000	200	0	400	16.1	0.0	0.5	28	0.0	332
22-aug-1997 22:00	2150	2150	KCL/POLYME	1.30	2.1	0.0	1	0	0/0	7.9	0.0	0.0	0.3	44	0	130000	200	0	400	16.1	0.0	0.0	28	0.0	51
23-aug-1997 16:00	1	1	KCL/POLYME	1.30	2.0	0.0	1	0	0/0	8.2	0.0	0.0	0.4	44	0	129000	200	0	400	16.1	0.0	0.2	14	0.0	53

Hole section: 12 1/4"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
24-aug-1997 23:30	2160	2160	KCL/POLYME	1.26	1.6	0.0	1	0	0/0	10.1	0.0	0.1	0.4	49	0	131000	320	0	480	14.6	0.0	0.2	20	0.0	30
25-aug-1997 22:30	2433	2433	KCL/POLYME	1.26	1.9	0.0	1	0	0/0	8.6	0.0	0.1	0.4	52	0	131000	280	0	460	14.6	0.0	0.2	20	0.0	35
26-aug-1997 21:30	2728	2728	KCL/POLYME	1.26	2.2	0.0	1	0	0/0	9.0	0.0	0.1	0.5	50	0	129000	600	0	720	15.6	0.0	0.4	33	0.0	93
27-aug-1997 22:30	2749	2749	KCL/POLYME	1.26	2.3	0.0	1	0	0/0	9.0	0.0	0.1	0.5	48	0	126000	640	0	800	15.1	0.0	0.5	35	0.0	75

See also the report 'DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : OTHER PARAMETERS FOR WELL 6305/5-1

Hole section: 12 1/4" WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Oil [%]	Sand [%]				
28-aug-1997 22:30	2768	2768	KCL/POLYME	1.26	2.2	0.0	1	0	0/0	9.0	0.0	0.1	0.4	49	0	131000	520	0	620	15.6	0.0	0.5	36	0.0	91
29-aug-1997 22:00	2771	2771	KCL/POLYME	1.26	2.1	0.0	1	0	0/0	8.9	0.0	0.1	0.5	48	0	132000	520	0	640	15.6	0.0	0.5	35	0.0	88
30-aug-1997 22:00	2785	2785	KCL/POLYME	1.26	2.0	0.0	1	0	0/0	8.9	0.0	0.1	0.5	48	0	131000	560	0	620	15.1	0.0	0.5	31	0.0	63
31-aug-1997 14:30	2792	2792	KCL/POLYME	1.26	2.0	0.0	1	0	0/0	8.9	0.0	0.1	0.6	49	0	133000	540	0	600	15.6	0.0	0.5	30	0.0	86
01-sep-1997 22:30	2803	2803	KCL/POLYME	1.26	2.0	0.0	1	0	0/0	8.9	0.0	0.1	0.4	48	0	131000	520	0	640	15.1	0.0	0.5	30	0.0	63
02-sep-1997 10:00	2819	2819	KCL/POLYME	1.26	2.1	0.0	1	0	0/0	8.9	0.0	0.1	0.4	48	0	131000	540	0	680	15.1	0.0	0.5	30	0.0	63
03-sep-1997 23:45	2977	2977	KCL/POLYME	1.26	2.1	0.0	1	0	0/0	8.8	0.0	0.0	0.3	45	0	130000	480	0	560	15.6	0.0	0.4	30	0.0	93
04-sep-1997 19:15	3053	3053	KCL/POLYME	1.26	2.2	0.0	1	0	0/0	8.7	0.0	0.0	0.4	48	0	130000	600	0	680	15.6	0.0	0.5	30	0.0	93
05-sep-1997 23:45	3053	3053	KCL/POLYME	1.26	2.1	0.0	1	0	0/0	8.7	0.0	0.0	0.4	48	0	131000	600	0	680	15.1	0.0	0.3	30	0.0	63
06-sep-1997 23:45	3053	3053	KCL/POLYME	1.26	2.3	0.0	1	0	0/0	8.6	0.0	0.0	0.4	55	0	135000	480	0	520	15.1	0.0	0.3	30	0.0	54
07-sep-1997 12:45	3053	3053	KCL/POLYME	1.26	2.0	0.0	1	0	0/0	8.6	0.0	0.0	0.4	55	0	134000	480	0	600	15.1	0.0	0.3	30	0.0	56
08-sep-1997 23:45	3053	3053	KCL/POLYME	1.26	2.0	0.0	1	0	0/0	8.5	0.0	0.0	0.4	56	0	135000	600	0	720	15.1	0.0	0.3	30	0.0	54
09-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.2	0.0	1	0	0/0	8.7	0.0	0.1	0.5	56	0	134000	520	0	680	16.1	0.0	0.5	30	0.0	46
10-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.3	9.8	1	1	34/100	8.6	0.0	0.0	0.3	55	0	134000	600	0	680	16.6	0.0	0.3	43	0.0	74
11-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.1	9.5	1	1	34/100	8.4	0.0	0.0	0.3	56	0	135000	560	0	700	16.1	0.0	0.3	43	0.0	44
12-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.3	0.0	1	0	0/0	8.4	0.0	0.0	0.3	55	0	135000	600	0	680	16.6	0.0	0.3	43	0.0	72

Hole section: 8 1/2" WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Oil [%]	Sand [%]				
13-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.3	0.0	1	0	0/0	8.3	0.0	0.0	0.3	56	0	134000	560	0	720	16.6	0.0	0.2	43	0.0	74
14-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.4	0.0	0.0	0.3	43	0	135000	680	0	800	16.6	0.0	0.2	43	0.0	72
15-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	135000	680	0	800	16.6	0.0	0.2	43	0.0	72
16-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	135000	680	0	800	16.6	0.0	0.2	43	0.0	72
17-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	56	0	135000	680	0	800	16.6	0.0	0.2	44	0.0	72
18-sep-1997 23:30	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	56	0	135000	680	0	800	16.6	0.0	0.2	44	0.0	72
19-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	56	0	135000	640	0	760	16.6	0.0	0.2	44	0.0	56
20-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.3	0.0	0.0	0.3	56	0	135000	640	0	760	16.6	0.0	0.2	44	0.0	56
21-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.6	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	130000	600	0	720	16.6	0.0	0.2	44	0.0	67
22-sep-1997 23:45	3053	3053	KCL/POLYME	1.30	2.6	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	130000	600	0	720	16.6	0.0	0.2	44	0.0	67
23-sep-1997 20:00	3053	3053	KCL/POLYME	1.30	2.6	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	130000	600	0	720	16.6	0.0	0.2	44	0.0	67
24-sep-1997 22:00	3053	3053	KCL/POLYME	1.31	2.6	0.0	1	0	0/0	8.3	0.0	0.0	0.3	55	0	130000	600	0	720	16.6	0.0	0.2	44	0.0	67
25-sep-1997 16:00	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.4	0.0	0.0	0.3	55	0	125000	600	0	600	16.6	0.0	0.2	44	0.0	95
26-sep-1997 22:00	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.7	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
27-sep-1997 20:00	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.7	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
28-sep-1997 22:00	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.7	0.0	0.0	0.3	55	0	125000	360	0	420	16.6	0.0	0.2	44	0.0	95
29-sep-1997 22:00	3053	3053	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	8.7	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
30-sep-1997 22:00	1770	1770	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	10.9	0.0	0.0	0.3	55	0	125000	360	0	420	16.6	0.0	0.2	44	0.0	95
01-oct-1997 21:00	1770	1770	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	9.5	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
02-oct-1997 22:00	1748	1748	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	9.5	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95

See also the report 'DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS'

Norsk Hydro

DAILY MUD PROPERTIES : OTHER PARAMETERS FOR WELL 6305/5-1

Hole section: 8 1/2"			WATER BASED SYSTEM																						
Date	Depth [m]		Mud Type	Dens [sg]	Filtrate		Filt.cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CEC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
03-oct-1997 21:00	1748	1748	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	9.5	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
04-oct-1997 15:00	1748	1748	KCL/POLYME	1.30	2.4	0.0	1	0	0/0	9.5	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95
05-oct-1997 21:00	0		KCL/POLYME	1.30	2.4	0.0	1	0	0/0	9.5	0.0	0.0	0.3	55	0	125000	520	0	720	16.6	0.0	0.2	44	0.0	95

See also the report 'DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS'

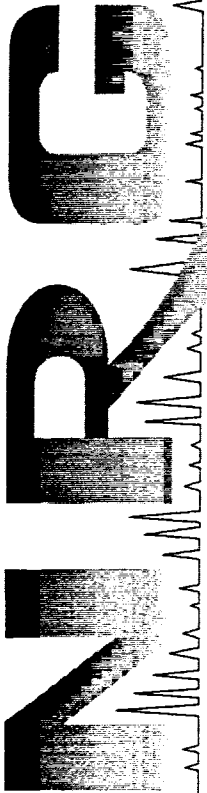


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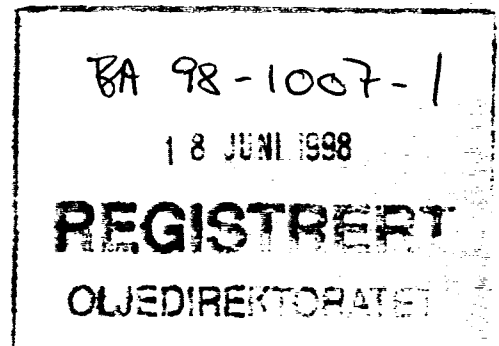
(Postgraduate Institute)

Newcastle Research Group (NRG)



Summary of Mudstone Data Well 6305/5-1 NOCS

A C Aplin
Y Yang
D Scorer



March 1998

Summary of test results
Well 6305/5-1 NOCS

Sample No.	1	2	3	4	5	6
Depth(m)	2320	2450	2570	2650	2670	2773.6
Clay(%)	61	40	59	62	59	49
Gs (g/cm ³)	2.70	2.69	2.65	2.68	2.69	2.75
Ss (M ² /g)	21.2	16.1	14.1	15.8	14.9	26.1
Porosity	0.32	0.37	0.27	0.25	0.24	0.21
Total C (%)	2.48	4.19	3.06	2.57	2.35	1.14
TOC (%)	1.40	2.16	2.34	1.35	1.82	1.06
Inorg. C (%)	1.08	2.03	0.72	1.22	0.53	0.08
S (%)	0.83	2.19	1.03	0.48	0.69	1.81
K(m ²)(K-C)	2.19E-20	6.77E-20	2.60E-20	1.56E-20	1.50E-20	3.08E-21
Kx(m ²)	4.71E-20	1.03E-19	5.06E-20	2.07E-20	9.85E-21	1.64E-20
Ky(m ²)	1.59E-20	6.16E-20	1.68E-20	6.04E-21	3.09E-21	6.36E-21
Sample No.	7	8	9	10	11	12
Depth(m)	2778.5	2782.5	2786.5	2792.3	2801.5	2811.4
Clay(%)	48	56	51	48	56	47
Gs (g/cm ³)	2.77	2.75	2.77	2.77	2.77	2.73
Ss (M ² /g)	25.4	23.5	32.1	25.4	30.9	24.4
Porosity	0.20	0.17	0.19	0.18	0.19	0.18
Total C (%)	1.42	1.34	1.40	1.93	1.33	1.91
TOC (%)	1.42	0.66	0.57	0.7	0.73	0.77
Inorg. C (%)	0	0.68	0.83	1.23	0.6	1.14
S (%)	2.72	0.78	0.44	0.78	0.76	0.63
K(m ²)(K-C)	2.47E-21	1.86E-21	1.29E-21	1.84E-21	1.39E-21	2.05E-21
Kx(m ²)	7.27E-21	1.01E-20	1.25E-20	1.14E-20	1.42E-20	1.69E-20
Ky(m ²)	2.86E-21	3.18E-21	4.54E-21	4.39E-21	4.53E-21	6.58E-21