16 Drilling Fluids

16.1 Summary

Section	Casing size	Section TD	Mud System
9 7/8"	N/A	600	SW/Sweep
36"	30"	207	SW/Sweep
26"	20"	600	SW/Sweep
17 ½"	13 3/8"	1281	KCL/GEM
12 ¼"	N/A	2544	PERFORMADRIL

16.2 Fluid Property Recap

Baroid Fluid Services

Operator	NOIL Energy ASA
Well Name	Draupne 16 1-9
Contractor	DOLPHIN
Rig No	Bredford Dolphin
Unit System	Mærsk Giant

Fluid Property Recap : Water-Based Fluid

Date	Depth	Ft. Temp	Density	Funn Visc	Rheology 50 Deg C					Filtration					Filtrate Analysis							MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	Ys				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness			% by vol				600	300	200	100	6	3
	m	Deg C	SG	secqt	cP	lb/100ft²	10S	10M	30M	ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l	kg/m3 Eq	% by vol	ECD Solids	LGS	BARA Solids	Water						
Interval # 01										**From Date**				**02/15/2008**						**Top of Interval**				**126.0**	**m**							
Max. Hole Size / Bit Size 9.875 / 9.875 in										**To Date**				**02/20/2008**						**Bottom of Interval**				**600.0**	**m**							
02/19/2008	226		1.040	114										9.30											100							
02/20/2008	600		1.040	110										9.40											98							
Interval # 02										**From Date**				**02/21/2008**						**Top of Interval**				**126.0**	**m**							
Max. Hole Size / Bit Size 36.000 / 36.000 in										**To Date**				**02/24/2008**						**Bottom of Interval**				**207.0**	**m**							
02/21/2008	600		1.040	114										9.30											98							
02/21/2008	600		1.040	111										9.40											98							
02/22/2008	600		1.040	109										9.40											98							
02/23/2008	600		1.040	121										9.30											98							
02/24/2008	600		1.039	114										9.40											98							
Interval # 03										**From Date**				**02/25/2008**						**Top of Interval**				**207.0**	**m**							
Max. Hole Size / Bit Size 36.000 / 36.000 in										**To Date**				**03/03/2008**						**Bottom of Interval**				**600.0**	**m**							
02/25/2008	600		1.039	121										9.30											98							
02/25/2008	600		1.039	119										9.40											98							
02/26/2008	600		1.039	123										9.50											98							
02/26/2008	600		1.039	117										9.30											98							
02/27/2008	600		1.039	125										9.30											98							
02/27/2008	600		1.039	118										9.40											98							
03/03/2008	600		1.130		19	3.4	2.5	2.5		3.1		1			9.00	0.80	0.40	1.10	90,000	240			0.29	0.051		92	25.0	15.0	11.0	7.0	3.5	2.5
03/03/2008	600		1.125	55	16	2.4	2.0	2.0		3.4		1			9.00	0.80	0.40	1.10	90,000	240			0.29	0.051		92	25.0	15.0	11.0	7.0	3.5	2.0
Interval # 04										**From Date**				**03/04/2008**						**Top of Interval**				**600.0**	**m**							
Max. Hole Size / Bit Size 26.000 / 26.000 in										**To Date**				**03/10/2008**						**Bottom of Interval**				**1,291.0**	**m**							
03/04/2008	600		1.130		19	3.4	2.5	2.5		3.1		1			9.00	0.80	0.40	1.10	90,000	240			0.29	0.051		92	25.0	15.0	11.0	7.0	3.5	2.5
03/04/2008	600		1.125		16	2.9	2.0	2.0		4.5		1			9.20	0.90	0.50	1.60	46,500	200			2.15	0.432		94	26.0	16.0	12.0	10.0	4.0	3.0
03/05/2008	600	21	1.130	47	11	2.4	2.0	3.0		4.0		1			10.00	1.20	0.30	1.70	82,000	400		0.10	1.05	0.297		92	27.0	16.0	12.0	8.0	3.5	2.0
03/05/2008	624	22	1.130	48	12	4.8	3.5	3.0		3.8		1			10.50	2.60	0.25	1.90	75,000	400	1.0	0.25	1.7	1.039		92	34.0	22.0	18.0	12.5	5.5	4.5

Norway

Draupne
North Sea Norway

Baroid Fluid Services

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HALLIBURTON | Fluid Systems

Baroid Fluid Services

Operator	NOIL Energy ASA
Well Name	Draupne 16 1-9
Contractor	DOLPHIN
Rig No	Bredford Dolphin
Unit System	Mærsk Giant

Fluid Property Recap : Water-Based Fluid

Date	Depth	Flt. Temp	Density	Funn. Visc	Rheology 50 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	Ys				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness				% by vol				600	300	200	100	6	3
	m	Deg C	sg	secqt	cP	lb/100 ft²				ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l	kg/m3	% by vol	Corr Solids	LGS	NAP Sass	Water						
03/06/2008	682	22	1.130	56	15	12.4	4.0	5.0		3.9		1			9.00	1.60	0.25	1.60	70,000	400	14.0	0.45	2.16	1.557		82	53.0	36.0	30.0	20.0	7.0	5.0
03/06/2008	730	28	1.130	50	17	9.1	4.0	5.0		3.8		1			9.50	1.40	0.25	1.40	75,000	400	14.0	0.25	1.7	1.093		92	53.0	36.0	30.0	20.0	6.0	5.0
03/06/2008	682	25	1.130	51	18	12.0	6.0	9.0		4.0		1			9.00	1.70	0.20	1.50	740,000	400	14.0	0.30				92	61.0	43.0	35.0	25.0	7.0	6.0
03/06/2008	813	29	1.130	49	15	9.1	4.0	6.0		3.8		1			9.00	1.45	0.20	1.90	69,000	400	14.0	0.80	2.25	0.409		92	55.0	37.0	29.0	21.0	6.0	5.0
03/07/2008	876	29	1.160	56	20	11.0	5.0	7.0		3.6		1			9.00	1.30	0.20	1.90	68,000	400	14.0	2.00	3.31	1.952		91	63.0	43.0	35.0	24.0	6.0	5.0
03/07/2008	979	37	1.160	51	17	15.3	4.0	5.0		3.6		1			9.50	1.20	0.10	1.90	71,000	400	12.0	4.00	3.14	1.648		91	66.0	49.0	39.0	26.0	6.0	5.0
03/07/2008	1,022	38	1.160	52	18	13.9	4.0	5.0		3.8		1			9.50	1.20	0.20	1.90	69,000	400	12.0	4.00	3.32	1.851		91	65.0	47.0	36.0	25.0	6.0	5.0
03/07/2008	1,060	34	1.160	50	18	13.9	4.5	5.0		3.8		1			9.50	0.90	0.10	1.90	69,000	400	12.0	4.00	3.85	2.685		90.5	65.0	47.0	36.0	24.0	6.0	5.0
03/08/2008	1,150	34	1.170	52	22	9.6	3.0	4.0		3.9		1			9.50	0.10	0.05	1.80	50,000	440	20.0	2.00	3.39	2.171		90	64.0	42.0	30.0	22.0	6.0	5.0
03/08/2008	1,223	37	1.160	53	21	8.6	3.5	4.0		3.5		1			8.50	0.60		1.80	80,000	400	14.0	0.25	2.31	0.716		91	60.0	39.0	30.0	20.5	6.0	5.0
03/08/2008	1,261	39	1.200	60	24	12.0	3.0	4.0		3.5		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/08/2008	1,261		1.200	54	24	12.0	3.0	4.0		3.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/08/2008	1,261		1.200	54	24	12.0	3.0	4.0		3.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/10/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.7		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
Interval # 05										**From Date**				**03/11/2008**						**Top of Interval**					**1,281.0 m**						
Max. Hole Size / Bit Size 17.500 / 17.500 in										**To Date**				**04/15/2009**						**Bottom of Interval**					**2,544.0 m**						
03/11/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	166	8.0	1.00	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/12/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/13/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.50	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/14/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.00	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/15/2008	1,261		1.200	60	24	12.0	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.00	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/15/2008	1,261		1.210	54	22	7.2	3.0	4.0		2.8		1			9.00	0.90	0.10	1.80	90,000	200			3.54	0.701		89	59.0	37.0	28.0	18.0	4.0	3.0
03/16/2008	1,261		1.200	54	32	9.1	3.0	4.0		2.8		1			8.50	0.50	0.05	1.90	85,000	400	8.0	1.00	4	1.656		89	73.0	49.0	39.0	26.0	6.0	5.0
03/16/2008	1,261		1.210	50	24	7.2	3.0	4.0		2.8		1			9.00	0.90	0.10	1.80	90,000	200			3.54	0.701		89	53.0	39.0	31.0	19.0	5.0	4.0
03/17/2008	1,261	17	1.240	56	32	9.1	3.0	4.0		2.8		1			9.00	0.50	0.10	1.90	85,000	400	8.0	1.00	4	0.64		89	73.0	49.0	39.0	26.0	6.0	5.0
03/17/2008	1,261		1.210	50	24	7.2	3.0	4.0		2.8		1			9.00	0.90	0.10	1.80	90,000	200			3.54	0.701		89	53.0	39.0	31.0	19.0	5.0	4.0
03/18/2008	1,261		1.240	58	28	12.9	3.0	4.0		3.0		1			10.00	0.50	0.05	1.90	85,000	400	8.0	2.00	3.96	1.443		88	73.0	50.0	39.0	26.0	6.0	5.0

Baroid Fluid Services

Operator	NOIL Energy ASA
Well Name	Draupne 16 1-9
Contractor	DOLPHIN
Rig No	Bredford Dolphin
Unit System	Mærsk Giant

Fluid Property Recap : Water-Based Fluid

Date	Depth	FL Temp	Density	Funn Visc	Rheology 50 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	Pa				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness			% by vol				600	300	200	100	6	3
	m	Deg C	SG	sec/qt	cP	YP	10S	10M	30M	ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l	kg/m3 eq	% by vol	Oil+ Solid	LGS	NaCl Sats	Water						
03/18/2008	1,281		1.215	60	24	8.1	3.5	4.0		2.6		1			9.00	1.00	0.10	1.90	91,000	240			3.45	0.594		89	65.0	41.0	31.0	20.0	5.0	4.0
03/18/2008	1,338	29	1.220	62	24	7.7	2.0	3.0		3.0		1			9.50	0.80	0.10	0.80	92,000	320	3.5	0.75	3.8	0.906		88.5	64.0	40.0	30.0	19.0	5.0	4.0
03/19/2008	1,475	28	1.220	82	24	9.6	2.0	3.0		3.2		1			9.20	1.05	0.05	0.90	90,000	360	3.5	0.75	4.08	1.122		88.5	68.0	44.0	33.0	21.0	5.0	4.0
03/19/2008	1,597	31	1.220	76	25	7.2	3.0	4.0		3.0		1			9.20	0.80	0.05	1.25	89,000	360	14.0	1.00	3.63	0.182		89	65.0	40.0	31.0	20.0	5.0	4.0
03/20/2008	1,713	32	1.230	80	24	9.1	3.0	4.0		3.2		1			9.00	0.70	0.05	1.20	88,000	360	21.0	2.00	4.27	0.708		88.5	67.0	43.0	33.0	20.0	5.0	4.0
03/20/2008	1,835	32	1.270	90	35	10.5	3.0	4.0		3.2		1			8.90	0.60	0.05	1.00	88,000	240	10.5	1.50	6.97	3.432		85	82.0	52.0	39.0	25.0	5.0	4.0
03/20/2008	1,897	36	1.340	95	32	12.4	3.5	4.0		2.4		1			8.80	0.80	0.05	0.80	88,000	240	10.5	1.40	9.13	3.235		84	90.0	58.0	44.0	28.0	6.0	5.0
03/20/2008	1,971	35	1.350	84	32	10.3	3.0	4.0		2.4		1			9.10	0.70	0.05	1.10	88,000	240	14.0	1.25	9.13	3.6		84	85.0	53.0	40.0	25.0	6.0	5.0
03/21/2008	2,039	37	1.350	85	33	10.3	3.0	4.0		2.2		1			8.70	0.60	0.05	1.10	89,000	240	14.0	1.25	6.51	1.465		84.5	87.0	54.0	41.0	26.0	6.0	5.0
03/21/2008	2,130	38	1.350	86	32	11.3	3.0	4.0		2.6		1			8.30	0.60	0.05	0.80	88,000	320	14.0	1.00	9.13	2.61		84	88.0	56.0	42.0	26.0	6.0	5.0
03/21/2008	2,206	39	1.350	86	35	13.4	3.0	4.0		2.4		1			8.20	0.40	0.05	0.70	92,000	320	14.0	1.00	6.78	2.207		84	98.0	63.0	47.0	30.0	7.0	6.0
03/21/2008	2,231	40	1.350	86	33	14.6	3.0	4.0		2.4		1			8.30	0.40	0.05	0.70	90,000	320	14.0	1.00	6.96	2.409		84	97.0	64.0	46.0	30.0	6.0	5.0
03/22/2008	2,234		1.350	95	33	14.4	3.0	4.0		2.4		1			8.20	0.40	0.05	0.60	90,000	320	14.0	1.00	7.88	0.317		85	96.0	63.0	46.0	30.0	6.0	5.0
03/23/2008	2,234		1.350	99	33	15.3	3.0	4.0		2.3		1			8.26	0.40	0.05	0.60	89,000	320	14.0	1.00	7.96	0.419		85	98.0	65.0	47.0	30.0	6.0	5.0
03/23/2008	2,234		1.350	92	33	15.3	3.0	4.0		3.2		1			8.10	0.40	0.05	0.60	89,000	320	14.0	1.00	9.05	2.51		84	98.0	65.0	47.0	30.0	6.0	5.0
03/23/2008	2,240	36	1.350	94	35	13.4	3.0	4.0		2.5		1			8.10	0.40	0.05	0.60	90,000	320	14.0	1.00	6.96	2.409		84	96.5	61.0	46.0	29.5	6.0	5.0
03/24/2008	2,240		1.350	94	34	12.0	3.0	4.0		2.1		1			8.30	0.40	0.05	0.50	89,000	320	14.0	1.00	9.05	2.51		84	93.0	59.0	44.0	28.0	6.0	5.0
03/24/2008	2,240	37	1.350	87	35	11.5	3.0	4.0		1.8		1			8.40	0.40	0.05	0.50	90,000	340	14.0	1.00	10	4.561		85	94.0	54.0	42.0	27.0	6.0	5.0
03/25/2008	2,248	36	1.350	86	33	13.4	3.0	4.0		1.8		1			8.40	0.40	0.05	1.00	90,000	320	14.0	1.00	9.5	3.455		83.5	94.0	61.0	47.0	30.0	6.0	5.0
03/25/2008	2,275	38	1.350	86	35	13.4	3.0	4.0		2.0		1			8.20	0.40	0.05	0.90	89,000	320	14.0	1.00	9.59	3.243		83.5	98.0	63.0	48.0	31.5	6.0	5.0
03/25/2008	2,300	39	1.350	87	35	13.9	3.0	4.0		2.1		1			8.10	0.40	0.05	0.90	88,000	320	14.0	0.75	9.68	3.655		83.5	99.0	64.0	48.0	31.5	6.0	5.0
03/25/2008	2,341		1.350	87	34	12.0	3.0	4.0		2.1		1			8.20	0.40	0.05	0.90	86,000	320	14.0	0.75	9.13	3.61		84	93.0	59.0	46.0	29.5	6.0	5.0
03/26/2008	2,362	44	1.350	86	34	13.4	3.0	4.0		2.1		1			8.20	0.40	0.05	1.00	90,000	320	14.0	0.60	9.5	3.455		83.5	96.0	62.0	47.0	30.0	6.0	5.0
03/26/2008	2,402	41	1.350	86	37	14.4	3.0	4.0		2.0		1			8.10	0.30	0.05	0.90	89,000	320	17.5	0.50	9.68	3.655		83.5	104.0	67.0	50.0	32.5	6.0	5.0
03/26/2008	2,418	44	1.350	86	36	14.4	3.0	4.0		2.1		1			8.10	0.30	0.05	0.90	87,000	360	17.5	0.50	10.3	4.799		83	102.0	66.0	50.0	32.5	7.0	6.0
03/27/2008	2,417		1.350	88	34	14.4	3.0	4.0		2.1		1			8.10	0.30	0.05	0.90	89,000	360	17.5	0.50	10.1	4.561		83	99.0	64.0	48.0	29.5	7.0	6.0
03/27/2008	2,421	33	1.350	87	34	14.8	3.0	4.0		2.1		1			8.10	0.30	0.05	0.90	87,000	360	17.5	0.50	10.3	4.799		83	99.0	65.0	49.0	32.5	7.5	6.0

Baroid Fluid Services

Operator	NOIL Energy ASA
Well Name	Draupne 16 1-9
Contractor	DOLPHIN
Rig No	Bredford Dolphin
Unit System	Mærsk Giant

Fluid Property Recap : Water-Based Fluid

Date	Depth	FL Temp	Density	Funn Visc	Rheology 50 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	YP				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness			% by vol				600	300	200	100	6	3
	m	Deg C	SG	sec/qt	cP	Pa				ml/30 min	ml/30 min	3200 ft		Deg C		ml	ml	ml	mg/l	mg/l Ca	kg/m3 Eq	% by vol	Oil/ Retort	LGS	NAS/ Base	Water						
03/28/2008	2,426		1.360	114	34	12.4	3.0	4.0		1.8		1			8.20	0.30	0.05	1.80	86,000	350	17.5	0.50	10.2	4.675		83	94.0	60.0	35.0	29.0	6.0	5.0
03/28/2008	2,426		1.350	109	34	14.4	3.0	4.0		2.0		1			8.40	0.40	0.05	0.90	90,000	320	14.6	0.30	9.5	3.455		83.5	98.0	64.0	49.0	32.0	7.0	6.0
03/29/2008	2,430	38	1.350	110	35	12.4	3.0	4.0		1.9		1			8.10	0.35	0.05	1.00	85,000	350	17.5	0.50	9.93	3.992		83.5	96.0	60.0	43.0	31.0	7.0	6.0
03/29/2008	2,485	41	1.350	106	40	13.4	3.5	4.0		2.2		1			9.00	0.50	0.05	0.80	84,000	350	21.9	0.50	9.46	3.608		84	108.0	68.0	51.0	33.0	7.0	6.0
03/29/2008	2,527	42	1.350	105	40	13.0	3.0	4.0		1.8		1			9.00	0.50	0.05	0.80	84,000	350	24.0	0.50	9.46	3.608		84	106.0	66.0	54.0	36.0	8.0	6.0
03/30/2008	2,544		1.350	110	39	14.8	3.5	4.0		1.8		1			9.00	0.55	0.05	0.80	86,000	350	24.0	0.50	9.31	2.81		84	109.0	70.0	53.0	36.0	7.0	6.0
03/30/2008	2,544		1.350	112	40	14.8	3.5	4.0		1.8		1			9.00	0.55	0.05	0.80	86,000	350	24.0	0.50	9.31	2.81		84	110.0	71.0	54.0	36.0	7.0	6.0
03/31/2008	2,544		1.350	112	40	15.3	3.0	4.0		1.9		1			9.00	0.55	0.05	0.80	85,000	350	24.0	0.50	9.4	2.909		84	112.0	72.0	54.0	36.0	7.0	6.0
03/31/2008	2,544		1.350	110	40	14.4	3.0	4.0		1.8		1			9.00	0.55	0.05	0.80	86,000	350	24.0	0.50	9.31	2.81		84	109.0	70.0	54.0	36.0	7.0	6.0
04/01/2008	2,544		1.350	110	40	13.9	3.0	4.0		1.9		1			9.00	0.50	0.05	0.80	85,000	350	24.0	0.50	9.4	2.909		84	109.0	69.0	54.0	36.0	7.0	6.0
04/01/2008	2,544		1.350	111	39	14.4	3.0	4.0		1.8		1			9.00	0.55	0.05	0.80	84,000	350	24.0	0.50	9.46	3.008		84	108.0	68.0	53.0	35.0	6.0	5.0
04/02/2008	2,544		1.350	97	27	10.5	3.5	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	76.0	49.0	27.0	18.0	6.0	5.0
04/03/2008	2,544		1.350	93	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/04/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/05/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/06/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/07/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/08/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1				1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/09/2008	2,544		1.350	92	27	9.1	3.0	4.0		2.0		1			10.00	1.00	0.10	1.60	84,000	320	14.6	0.40	9.46	3.608		84	73.0	46.0	26.0	18.0	6.0	5.0
04/09/2008	2,544	14	1.330	90	21	10.1	3.0	4.0		2.1		1			9.70	1.00	0.10	1.60	86,000	320	14.6	0.25	9.31	4.06		84	63.0	42.0	29.0	17.0	5.0	4.0
04/10/2008	1,231	18	1.355	106	34	13.4	3.0	5.0		1.8		1			8.90	1.00	0.05	0.90	83,000	350	21.9	0.50	9.57	2.784		84	96.0	62.0	48.0	31.0	7.0	6.0
04/10/2008	1,250	30	1.350	92	34	13.4	3.5	5.0		1.8		1			8.90	1.05	0.05	0.80	85,000	350	20.0	0.50	9.31	2.81		84	96.0	62.0	48.0	30.0	7.0	6.0
04/10/2008	2,544	29	1.350	92	33	10.1	3.0	4.0		1.8		1			9.00	1.00	0.05	1.60	86,000	320	20.0	0.25	9.31	2.81		84	97.0	54.0	41.0	26.0	6.0	5.0
04/11/2008	2,544		1.350	87	33	10.1	3.0	4.0		1.8		1			9.00	1.00	0.05	1.60	86,000	320	20.0	0.25	9.31	2.81		84	97.0	54.0	41.0	26.0	6.0	5.0
04/12/2008	2,544	29	1.350	90	33	10.1	3.0	4.0		1.8		1			9.00	1.00	0.05	1.60	86,000	320	20.0	0.25	9.31	2.81		84	97.0	54.0	41.0	26.0	6.0	5.0
04/12/2008	2,544	29	1.350	87	34	4.3	3.0	4.0		1.8		1			9.00	0.80	0.05	1.90	97,000	320	20.0	0.25	9.22	2.71		84	77.0	43.0	33.0	20.0	5.0	4.0
04/13/2008	2,544	28	1.360	87	29	9.6	3.0	4.0		1.8		1			8.60	1.00	0.05	1.90	96,000	320	20.0	0.50	9.27	2.135		84	78.0	49.0	33.0	24.0	6.0	5.0

Baroid Fluid Services

Operator	NOIL Energy ASA
Well Name	Draupne 16 1-9
Contractor	DOLPHIN
Rig No	Bredford Dolphin
Unit System	Mærsk Giant

Fluid Property Recap : Water-Based Fluid

Date	Depth	FL Temp	Density	Funn Visc	Rheology 50 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	Pa				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness			% by vol								
	m	Deg C	sg	sec/qt	cP	YP	10S	10M	30M	ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l	kg/m3 Eq	% by vol	Calc Solids	LGS	NAP Oase	Water	600	300	200	100	6	3
04/13/2008	2,544	34	1.350	78	32	18.5	3.0	3.0		1.8		1			8.50	1.00	0.10	1.00	87,000	320	28.0	0.50	9.22	2.71		84	86.0	54.0	41.0	26.0	6.0	5.0
04/13/2008	2,544	35	1.360	79	34	12.9	3.0	4.0		1.9		1			8.65	0.65	0.05	1.30	84,000	360	28.0	0.50	9.48	2.783		84	95.0	61.0	47.0	30.0	6.0	5.0
04/14/2008	2,544	34	1.350	78	34	12.9	3.0	4.0		1.9		1			8.40	0.30	0.05	1.30	78,000	360	28.0	0.75	10	3.594		84	95.0	61.0	47.0	31.0	6.0	5.0
04/14/2008	2,544	35	1.360	80	34	14.4	3.0	4.0		1.9		1			8.30	0.30	0.05	1.20	79,000	360	28.0	0.50	9.91	2.872		84	98.0	64.0	49.0	32.0	7.0	5.0
04/14/2008	2,524	34	1.360	78	34	14.8	3.0	4.0		1.9		1			8.30	0.35	0.05	1.20	79,000	360	21.0	0.75	9.91	2.872		84	99.0	65.0	49.0	32.0	6.0	5.0
04/14/2008	2,524	34	1.360	77	34	14.4	3.0	4.0		2.0		1			8.20	0.35	0.05	1.20	80,000	360	21.0	0.50	9.83	2.773		84	98.0	64.0	48.0	32.0	7.0	5.0
04/15/2008	2,544	34	1.360	77	35	15.3	3.0	4.0		1.8		1			8.30	0.40	0.05	1.40	82,000	320	21.0	0.25	9.65	2.58		84	102.0	67.0	53.0	34.0	7.0	5.0
04/15/2008	2,544	34	1.350	78	35	15.8	3.0	4.0		1.6		1			8.20	0.40		1.20	79,000	320	14.0	0.25	9.91	3.497		84	102.0	68.0	53.0	35.0	7.0	5.0
04/15/2008	2,544	34	1.350	78	35	15.3	3.0	4.0		1.6		1			8.20	0.40		1.20	78,000	320	14.0	0.25	10	3.594		84	102.0	67.0	53.0	34.0	7.0	5.0
04/15/2008	2,544		1.350	67	35	15.3	3.0	3.0		1.6		1			8.30	0.40		1.20	79,000	320	14.0	0.25	10	3.594		84	102.0	67.0	53.0	34.0	7.0	5.0
Interval # 06										**From Date**					**04/16/2008**						**Top of Interval**		**2,544.0**	m						
Max. Hole Size / Bit Size	**12.250 / 12.250 in**									**To Date**					**04/18/2008**						**Bottom of Interval**		**2,544.0**	m						
04/16/2008	2,544	34	1.350	78	36	12.4	3.0	3.5		1.6		1			9.80	1.20	0.05	1.20	78,000	560	14.0	0.25	10	3.594		84	86.0	56.0	41.0	26.0	6.0	5.0
04/16/2008	2,544	32	1.350	84	32	11.0	3.0	4.0		3.0		1			9.00	1.20	0.10	1.20	78,000	560	14.0	0.50	10	3.594		84	87.0	55.0	41.0	26.0	6.0	5.0
04/17/2008	1,230	27	1.350	90	30	12.4	3.0	4.0		1.6		1			10.50	1.20	0.10	1.20	78,000	560	14.0	0.50	10	3.594		84	86.0	56.0	41.0	26.0	6.0	5.0
04/17/2008	1,130		1.350	80	33	12.4	3.0	4.0		1.6		1			10.80	1.20	0.10	1.20	78,000	560	14.0	0.50	10	3.594		84	86.0	56.0	41.0	26.0	6.0	5.0
04/18/2008	412	20	1.340	78	31	12.4	3.0	3.5		3.0		1			9.50	1.20	0.05	1.40	76,000	1,200	14.0	0.25	10	4.319		84	88.0	57.0	44.0	29.0	6.0	5.0