


ConocoPhillips	<b>FINAL WELL REPORT WELL 1/9-7 T3</b>
<b>Section: 2</b>	<b>GEOLOGY AND GEOPHYSICS</b>

## 2.10. MDT RESULTS

Table 14: MDT pressures (all pressures are measured in bars, using quartz gauges)  
1/9-7 T3 MDT Pressure Test Results (Run 2A)

Test No	MDRT (m)	TVDRT (m)	Initial Hydro-Static (psia)	QTZ Form Press (psia)	Strain Form Press (psia)	Final Hydro-Static (psia)	Temp (°C)	Mobil (mD /cp)	Pore Press (sg)	Comments
1	3 110.0	3 063.0	7 431.0	7 021.8	7 015.7	7 428.0	109.0	1.1	1.614	Good Test
2	3 112.0	3 065.0	7 435.0	7 025.8	7 020.3	7 431.5	109.4	1.2	1.614	Good Test – Fluid sample
3	3 114.0	3 067.0	7 439.7	7 025.1	7 018.9	7 437.0	110.0	0.5	1.613	Good Test
4	3 116.5	3 069.5	7 443.5	7 031.5	7 025.4	7 441.1	111.2	0.1	1.613	Good Test
5	3 118.5	3 071.5	7 450.3	-	-	7 447.9	111.3	-	-	Formation tight. Test abandoned
6	3 119.0	3 072.0	7 447.7	-	-	7 446.2	111.7	-	-	Formation tight. Test abandoned
7	3 121.5	3 074.5	7 456.9	-	-	7 454.6	112.1	-	-	Formation tight. Test abandoned
8	3 109.0	3 062.0	7 424.2	7 025.2	7 019.2	7 423.4	112.2	0.2	1.616	Good Test
9	3 107.0	3 060.0	7 418.2	7 023.1	7 017.8	7 418.6	111.9	0.2	1.616	Good Test
10	3 103.0	3 056.0	7 408.4	7 021.3	7 016.0	7 408.8	111.7	0.1	1.618	Good Test
11	3 098.0	3 051.0	7 397.3	-	-	7 397.4	111.2	-	-	Formation tight. Test abandoned
12	3 159.0	3 112.0	7 570.5	7 063.4	7 056.5	7 561.1	116.0	0.1	1.598	Good Test (2 drawdowns)
13	3 160.0	3 113.0	7 564.4	7 064.9	7 058.1	7 560.6	116.4	0.3	1.598	Good Test
14	3 165.0	3 118.0	7 573.5	-	-	7 569.5	116.8	-	-	Formation tight. Test abandoned
15	3 171.5	3 124.5	7 586.7	-	-	7 583.7	117.4	-	-	No seal
16	3 175.5	3 128.5	7 595.0			7 592.4	118.0	-	-	Tight Seal failed.
17	3 189.0	3 142.0	7 630.9	7 104.1	7 111.7	7 624.7	118.4	0.2	1.592	Good Test (2 drawdowns)
18	3 194.0	3 147.0	7 640.1	7 110.4	7 118.2	7 637.0	119.0		1.591	Good Test (2 drawdowns)
19	3 198.0	3 151.0	7 648.6	7 138.3	7 145.0	7 646.6	119.3		1.595	Not fully stable (rising slowly)
20	3 226.0	3 179.0	7 724.5	7 233.8	7 226.7	7 719.7	119.7	0.1	1.602	Supercharged?
21	3 268.0	3 221.0	7 830.0	-	-	7 820.9	120.9	-	-	Tight – building to hydrostatic
22	3 300.0	3 253.0	7 905.1	-	-	7 896.0	122.0	-	-	Tight – built to hydrostatic

	<b>FINAL WELL REPORT WELL 1/9-7 T3</b>
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### **2.10.2. Formation Fluid Samples**

During MDT operations across the Chalk Group, 5 downhole samples were retrieved from the Ekofisk Formation with an MDT dual-packer tool. The MDT dual packer module was used to minimize drawdown and condensate banking, and thus provide a more accurate representation of *in situ* formation fluid and phase. Upon examination at surface, it was concluded that these samples contained what appeared to be single-phase retrograde gas condensate. After PVT studies were performed on the samples, it was concluded that they are 12-16 wt% contaminated with base-oil drilling mud. The fluid, however, is currently being characterised as a near-critical retrograde gas condensate. Maximum drawdown was 2 bar (30psi) during sample capture.

**GENERAL****OPERATOR:** ConocoPhillips**WELL:** 1/9 - 7**AREA:** North Sea

**CONOCOPHILLIPS SUPERVISORS:** J. Bordervic  
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**DRILLING CONTRACTOR:** Mærsk**RIG:** Mærsk Giant

**M-I NORGE A/S ENGINEERS:** J. Sande  
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Hole section	Mud system	Drilled to, mMD/TVD	Casing, in. / Shoe depth
36"	SW/Bentonite/CMC	310 m / 310 m	30" / 308m
9 7/8" Pilot hole	SW/Bentonite/CMC	1210 m / 1210 m	
26" Hole	SW/Bentonite/CMC	1047 m / 1047 m	20" / 1042 m
17 1/2" Hole			
T1	Versavert	3040 m /3040 m	N/A
T2	Versavert	1068 m/1068 m	N/A
T3	Versavert	3058 m/3056 m	14" / 3052 m.
12 1/4" Hole	Versatherm	3845 m/3842 m	9 7/8" / 3841 m
8 1/2" Hole	Versatherm	4605 m/4596 m	7 5/8" / 4604 m
6 1/2" Hole	Versatherm	4986 m/ 4965 m	NA

FSR no.	Date	Depth	MW	T	FV	VG-meter readings @ 50C								AV	PV	YP	Gel		API	pH	Pf	Mf	Cl-	TH	Ca++	KCl	Solids	MBT	HGS	LGS	Sand				
						600	300	200	100	50	30	6	3				10 sec	10 min																	
*	*	m	ppg	°F	s/qt	rpm	rpm	rpm	rpm	rpm	rpm	rpm	cP	cP	lb/100R2	lb/100R2	lb/100R2	ml	*	ml	ml	x 1000	mg/l	mg/l	kg/m3	%	ppb	ppb	ppb	%	%				
<b>36" Section : Spud mud, Gel &amp; CMC EHV</b>																																			
1	18-03																																		
2	19-03		8.8		100+																														
3	20-03		8.8		100+																														
4	21-03	156	8.8		100+																														
5	22-03	310	10.0		70																														
6	23-03	310	10.0		70																														
7	24-03	310	10.0		70																														
8	25-03	310	10.0		70																														
<b>9 7/8" &amp; 26" Spud mud, Gel &amp; CMC EHV</b>																																			
9	26-03	360	9.6		58							0	0	0																				0.25	
10	27-03	900	9.7		63	42	33	29	26			19	16	21	9	24		11		27														20.0	0.50
11	28-03	1166	9.6		54	22	18	16	15			14	13	11	4	14		8		10														17.5	0.40
12	29-03	1210	10.3		65	22	18	16	14			12	11	11	4	14		7		10														8.0	0.30
13	30-03	1210	13.0		89	36	28	23	19			14	12	16	8	20		8		14														5.0	0.10
14	31-03	1210	8.7		42	8	7	6	5			4	3	4	1	6		3		7														2.0	0.00
15	01-04	1210	10.5	79	80	40	31	27	22			14	11	20	9	22		10		14														12.5	0.50
16	02-04	313	9.7	85	56	42	35	30	25			16	14	21	7	28		7		9														12.5	0.50
17	03-04	570	9.7	71	70	40	30	22	19			9	8	20	10	20		8		20														22.5	0.75
18	04-04	719	9.7	70	60	39	28	21	19			6	5	20	11	17		11		17														20.0	0.50
19	05-04	1047	9.7	90	68	43	33	24	18			11	7	22	10	23		8		16														12.5	0.50
20	06-04	1047	9.8		70	40	29	22	17			10	6	20	11	18		6		15														12.5	0.50
21	07-04	1047	9.8		65	35	25	20	15			8	4	18	10	16		10		15														10.0	0.50
22	08-04	1047	9.8		65	35	25	20	15			8	4	18	10	16		10		15														10.0	0.50
23	09-04	1047	9.8		33	24	19	15				8	4	17	9	16		4		11														0.0	0.00
24	10-04	1047	9.8		33	24	19	15				8	4	17	9	16		4		11														0.0	0.00
25	11-04	1047	9.8		33	24	19	15				8	4	17	9	16		4		11														0.0	0.00

# Mud Properties, daily record

Operator: Conoco Phillips

Rig: Maersk Giant

FSR no.	Date	Depth	MW	T	F.Vis	VG-meter readings @ 50 C							AV	PV	YP	Gel 10 sec	Gel 10 min	ES	Excess Lime	HTHP	CaCl2	Cl-	WFS activity	Solids vol %	Oil vol %	Water vol %	O/W RATIO	Sand vol %	OOC % by weight	HGS ppb	LGS ppb
						600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	cP																			
<b>17 1/2" Section: Versavert OBM</b>																															
26	12-04	1087	12.1	72	68	92	58	43	32	15	13	48	34	24	10	12	741	3.0	2.4	50	95500	0.92	20.0	58.0	22.0	73/27	0.7	6.1	204	50	
27	13-04	1264	12.2	74	69	92	58	44	32	15	14	48	34	24	14	19	770	4.2	2.8	65	123900	0.88	21.0	21	58.0	71/29	0.8	3.1	188	66	
28	14-04	1630	14.2	124	72	121	73	56	37	15	14	61	48	26	17	22	787	3.6	3.2	75	143900	0.85	28.5	51.0	20.5	72/28	0.5	2.5	294	69	
29	15-04	2000	14.6	147	74	116	70	53	36	15	14	58	46	24	15	21	890	3.1	2.4	77	148600	0.85	30.0	52.5	17.5	75/25	0.5	2.9	320	67	
30	16-04	2323	14.8	117	72	112	68	52	35	15	14	58	44	24	18	22	985	2.2	2.0	68	131300	0.87	29.0	55.0	16.0	77/23	0.4	6.9	352	40	
31	17-04	2408	14.9		109	68	51	34	15	14	58	43	23	16	22	999	2.6	2.0	70	134400	0.87	29.0	55.0	16.0	77/23	0.4		368	30		
32	18-04	2495	14.9	112		111	67	52	35	15	14	58	44	23	16	23	1013	3.3	2.1	79	153300	0.84	29.5	55.5	15.0	79/21	0.3	8.4	370	33	
33	19-04	2905	15.0	138		115	70	53	36	15	14	58	45	26	16	24	963	3.3	2.0	78	150000	0.84	30.0	55.0	15.0	79/21	0.4	8.7	373	36	
34	20-04	3040	15.1	117		118	72	53	37	15	14	59	46	26	17	24	1139	3.3	1.6	80	154800	0.84	30.0	54.5	15.5	78/22	0.4		383	30	
35	21-04	3040	15.1	117		125	77	58	39	15	14	63	46	26	18	26	1061	3.1	1.6	80	154800	0.84	30.5	54.0	15.5	78/22	0.4		385	32	
36	22-04	3040	15.1	117		118	72	53	37	15	14	58	46	26	17	24	1139	3.3	1.8	80	154800	0.84	30.0	54.5	15.5	78/22	0.4		383	30	
37	23-04	3040	15.1	117		118	72	53	37	15	14	59	46	26	17	24	1139	3.3	1.6	80	154800	0.84	30.0	54.5	15.5	78/22	0.4		383	30	
38	24-04	3040	15.1	117		118	72	53	37	15	14	59	46	26	17	24	1139	3.3	1.6	80	154800	0.84	30.0	54.5	15.5	78/22	0.4		383	30	
39	25-04	3040	15.1	117		118	72	53	37	15	14	59	46	26	17	24	1139	3.3	1.6	80	154800	0.84	30.0	54.5	15.5	78/22	0.4		383	30	
40	26-04	3040	14.2		114	72	53	36	14	13	57	42	36	15	21	610	2.7	3.6	53	100000	0.92	26.0	52.0	22.0	70/30	0.5		338	22		
41	27-04	3040	14.2	108		119	72	54	37	14	13	60	47	26	15	22	600	3.9	3.6	48	90900	0.93	26.0	52.0	22.0	70/30	0.5		339	22	
42	28-04	3040	14.5	144		122	75	58	40	16	15	61	47	26	17	26	740	4.0	3.8	76	146300	0.85	28.0	51.5	20.5	72/28	0.5		338	37	
<b>17 1/2" T2 Section: Versavert OBM</b>																															
43	29-04	1215	14.5			117	72	55	38	16	14	59	46	27	16	25	618	4.0	3.8	76	151400	0.84	29.0	53.5	17.5	75/25	0.5		329	53	
44	30-04	1215	14.5		76	128	80	62	42	16	15	64	48	32	17	26	650	3.6	3.0	80	155600	0.83	28.5	53.5	18.0	75/25	0.5		335	44	
45	01-05	1215	14.0		73	114	65	51	34	13	11	57	49	18	14	21	614	3.1	3.0	74	142500	0.86	27.0	53.0	20.0	73/27	0.3		301	4	
46	02-05	1215	14.0		68	110	67	51	34	13	12	55	45	24	14	22	610	3.0	3.0	75	144400	0.85	25.0	57.0	18.0	76/24	0.3		338	11	
47	03-05	1215	14.0		68	125	74	56	36	14	13	63	51	23	14	20	580	2.0	2.0	70	133300	0.87	25.5	53.5	21.0	72/28	0.3		324	24	
<b>17 1/2" T3 Section: Versavert OBM</b>																															
48	04-05	1481	14.0	131	63	115	71	55	38	16	14	58	44	27	15	22	764	3.6	2.1	71	136800	0.86	25.0	56.0	19.0	75/25	0.3	5.2	336	12	
49	05-05	1980	14.2	122	65	115	71	55	38	17	15	58	44	27	16	26	817	3.1	2.4	60	155600	0.83	26.0	56.0	18.0	75/25	0.3	3.9	343	16	
50	06-05	2027	14.5	100	78	110	68	51	36	15	14	55	42	26	17	24	894	2.9	2.0	72	138900	0.86	28.0	54.0	18.0	75/25	0.4	4.5	345	35	
51	07-05	2251	14.5	124	65	111	67	52	36	15	14	56	44	23	18	24	928	3.5	2.0	74	142400	0.86	28.0	55.5	16.5	77/23	0.3	4.6	353	30	
52	08-05	2702	14.4	134	66	110	67	52	35	15	14	55	43	24	17	24	894	3.0	2.0	84	163000	0.82	28.0	55.5	16.5	77/23	0.3	5.2	341	36	
53	09-05	3043	14.4	133	68	99	61	43	32	15	14	50	38	23	14	23	909	3.6	2.2	64	162500	0.82	27.5	56.5	16.0	78/22	0.3	5.5	345	29	
54	10-05	3058	14.4		102	63	48	32	15	14	51	39	34	16	23	971	3.3	2.2	90	174200	0.80	28.0	56.5	15.5	78/22	0.3		353	27		
55	11-05	3058	14.6		107	65	50	34	15	14	54	42	33	17	24	950	2.4	2.2	87	166800	0.81	29.5	55.5	16.0	78/22	0.3		354	31		
56	12-05	3058	14.4		104	63	49	32	15	14	52	41	32	17	23	925	2.9	2.0	79	152900	0.84	27.5	55.5	17.0	78/22	0.3		347	26		
57	13-05	3058	14.4		104	63	49	32	15	14	52	41	32	17	23	925	2.9	2.0	79	152900	0.84	27.5	55.5	17.0	78/23	0.3		347	26		
58	14-05	3058	14.4		105	64	49	32	15	14	53	41	33	17	23	925	2.9	2.0	79	152900	0.84	27.5	55.5	17.0	78/24	0.3		347	26		
<b>12 1/4" Section: Versatherm OBM</b>																															

# Mud Properties, daily record

Operator: Conoco Phillips

Rig: Maersk Giant

FSR no.	Date	Depth	MW	T	F.Vis	VG-meter readings @ 50 C						AV	PV	YP	Gel	Gel	ES	Excess	HTHP	CaCl2	Cl-	WFS	Solids	Oil	Water	O/W	Sand	OOC	HGS	LGS
						600	300	200	100	6	3																			
89	15-05	3105	14.0	145		84	52	39	27	9	8	42	32	20	11.0	14.0	1110	9.1	1.4	71	135700	0.87	27.0	59.0	14.0	80/20	0.3		320	41
90	16-05	3105	14.0			84	52	40	27	10	9.0	42	32	20	10.0	14.0	1100	8.5	1.4	74	142900	0.85	26.5	59.5	14.0	81/19	0.3		328	31
91	17-05	3107	14.0	90	72	90	55	41	28	10	9	45	35	20	11.0	17.0	1140	7.9	1.8	78	150000	0.84	26.0	60.0	14.0	81/19	0.3		347	15
92	18-05	3124	14.0	90	75	90	55	41	27	10	9	45	35	20	11.0	18.0	1100	6.9	3.5	80	153600	0.84	26.5	60.5	13.0	82/18	0.30		341	23
93	19-05	3160	14.0	140	66	90	55	39	28	10	9	45	35	20	10.0	16.0	1080	6.5	3.5	80	153800	0.84	26.5	60.5	13.0	82/18	0.30		330	30
94	20-05	3467	14.0	129	65	91	55	42	29	11	10	46	36	19	13.0	17.0	1132	7.2	4.5	93	161500	0.82	26.0	61.0	13.0	82/18	0.30	17.3	338	20
95	21-05	3561	13.9	115	65	94	57	44	29	12	11	47	37	20	13.0	18.0	1370	6.9	2.8	85	164000	0.82	26.0	61.5	12.5	83/17	0.30	18.2	328	27
96	22-05	3561	13.9	80	100	89	54	41	28	11	10	45	35	19	13.0	18.0	1550	6.5	2.8	85	164000	0.82	27.0	60.5	12.5	83/17	0.30		344	25
97	23-05	3561	13.9	80	100	89	54	41	28	11	10	45	35	19	13.0	18.0	1550	6.5	2.8	85	164000	0.82	27.0	60.5	12.5	83/17	0.30		344	25
98	24-05	3561	13.9	85	93	89	54	41	28	11	10	45	35	19	13.0	18.0	1550	6.5	2.8	85	164000	0.82	27.0	60.5	12.5	83/18	0.30		344	25
99	25-05	3561	13.9	101	77	89	54	41	28	11	10	45	35	19	13.0	18.0	1550	6.5	2.8	85	164000	0.82	27.0	60.5	12.5	83/19	0.30		344	25
70	26-05	3751	13.90	136	60	88	52	40	27	10	9	44	38	18	12.0	16.0	1147	4.8	2.8	84	162500	0.82	27.0	61.0	12.0	84/16	0.25	9.5	324	39
71	27-05	3845	14.00	126	62	80	47	35	24	10	9	40	33	14	9.0	11.0	1130	6.6	2.6	76	150000	0.84	27.0	61.0	12.0	84/16	0.30	9.5	324	39
72	28-05	3845	13.80	80	92	88	52	40	27	9	8	44	35	15	9.0	12.0	700	4.4	3.5	79	151700	0.84	24.5	61.0	14.5	80/20	0.00		331	10
73	29-05	3845	13.80	80	93	89	52	40	27	9	8	45	37	15	9.0	12.0	680	4.4	3.6	79	151700	0.84	24.5	61.0	14.5	80/20	0.0		331	10
74	30-05	3845	13.80	80	92	88	52	41	27	9	8	44	35	15	9.0	13.0	680	4.2	3.5	80	155200	0.83	24.5	61.0	14.5	80/20	0.0		331	10
75	31-05	3845	13.80	80	91	86	53	38	26	9	8	43	33	20	9.0	12.0	787	5.9	3.4	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		315	30
76	01-06	3845	13.80	80	87	87	54	39	26	9	8	44	33	21	9.0	12.0	770	6.1	3.6	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		315	30
77	02-06	3845	13.80	80	87	88	56	40	26	9	8	44	33	22	9.0	12.0	780	6.2	3.5	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		315	30
78	03-06	3845	13.80	80	89	89	56	40	26	9	8	45	33	23	9.0	12.0	795	6.2	3.5	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		320	26
79	04-06	3845	13.80	80	88	88	55	40	26	9	8	44	33	22	9.0	12.0	793	6.2	3.5	79	151700	0.84	25.5	60.0	14.5	81/20	0.0		320	26
80	05-06	3845	13.80	80	88	88	55	40	26	9	8	44	33	22	9.0	12.0	769	6.0	3.5	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		320	26
81	06-06	3845	13.80	80	88	88	56	40	26	9	8	44	32	24	9.0	12.0	790	6.2	3.5	79	151700	0.84	25.5	60.0	14.5	81/19	0.0		320	26
82	07-06	3831	13.80	93	65	82	48	36	24	10	9	41	34	14	9.0	13.0	762	6.0	4.4	82	158600	0.83	25.5	60.0	14.5	81/19	0.2	18.6	320	26
<b>8 1/2" Section: Versatherm OBM</b>																														
83	08-06	3867	15.40	99	68	93	55	41	27	10	9	47	35	17	10.0	12.0	888	6.2	5.0	73	140700	0.86	30.0	56.5	13.5	81/19	0.0	20.0	426	3
84	09-06	4045	15.40	103	117	89	54	39	25	9	8	45	35	19	10.0	12.0	1238	5.5	3.8	77	147600	0.85	30.5	59.0	10.5	85/15	0.3	12.1	425	9
85	10-06	4167	15.40	115	115	98	59	43	27	10	9	49	39	20	10.0	14.0	950	6.5	2.4	80	154500	0.84	31.0	58.0	11.0	84/16	0.5	13.7	415	19
86	11-06	4225	16.80	115	128	128	75	55	35	11	10	54	53	22	12.0	16.0	880	6.9	3.0	97	188900	0.78	34.0	54.0	9.0	84/16	0.5		475	36
87	12-06	4250	16.80	120	127	127	73	53	34	11	10	54	54	19	11.0	15.0	1120	7.2	1.5	91	178500	0.80	38.0	55.5	8.5	87/13	0.5		493	17
88	13-06	4307	16.60	118	120	124	72	52	33	11	10	52	52	20	11.0	16.0	1184	6.2	2.0	93	181300	0.79	36.5	55.5	8.0	87/13	0.4	19.0	464	40
89	14-06	4328	16.60	117	118	125	73	53	33	11	10	53	52	21	11.0	14.0	1489	5.1	2.0	85	164700	0.82	38.0	55.5	8.5	87/13	0.4	22.0	470	32
90	15-06	4328	16.60	91	115	125	73	52	34	11	10	53	52	21	11.0	15.0	1550	5.2	1.8	95	186700	0.78	36.5	56.0	7.5	88/12	0.4	24.5	463	40
91	16-06	4328	16.60		130	124	72	53	33	11	10	52	52	20	11.0	16.0	1720	5.2	2.0		186700	0.78	37.0	55.5	7.5	88/12	0.4		455	50
92	17-06	4328	16.60		130	124	72	53	32	11	10	52	52	20	11.0	16.0	1750	6.2	2.0	78	186700	0.78	37.0	55.5	7.5	88/12	0.4		455	50
93	18-06	4328	16.60	90	125	126	73	53	32	11	10	53	53	20	12.0	18.0	1522	5.7	2.0	85	164700	0.82	36.5	55.0	8.5	87/13	0.4		461	42
94	19-06	4338	16.60	102	130	128	74	54	35	11	10	54	54	20	11.0	16.0	1350	6.4	2.0	92	181300	0.79	37.0	55.0	8.0	87/13	0.4	20.1	454	50

# Mud Properties, daily record

Operator:

Conoco Phillips

Rig: Maersk Giant

FSR no.	Date	Depth m	MW ppg	T Temp oF	F.Vis s/qt	VG-meter readings @ 50 C						AV cP	PV lb/100ft	YP lb/100ft	Gel 10 sec lb/100ft	Gel 10 min lb/100ft	ES volts	Excess Lime ppb	HTHP mi	CaCl2 kg/m3	Cl- mg/ltr	WFS activity	Solids vol %	Oil vol %	Water vol %	O/W RATIO	Sand vol %	OOC % by weight	HGS ppb	LGS ppb
						600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm																			
95	20-06	4366	16.60	116	126	130	75	57	38	12	11	85	55	20	12.0	17.0	1690	7.2	2.0	95	186700	0.78	38.0	54.5	7.5	88/12	0.4	19.0	439	69
96	21-06	4398	16.40	110	105	126	73	54	34	11	10	83	53	20	12.0	16.0	1717	6.8	2.2	98	192900	0.79	36.0	57.0	7.0	89/11	0.4	22.0	453	42
97	22-06	4440	16.40	110	93	128	74	55	34	11	10	84	54	20	12.0	18.0	1820	7.2	2.0	94	185700	0.78	36.0	57.0	7.0	89/11	0.4	22.0	453	43
98	23-06	4499	16.40	114	104	130	75	56	35	11	10	85	55	20	11.0	16.0	1650	6.8	2.0	95	185700	0.78	36.0	57.0	7.0	89/11	0.5	19.5	453	43
99	24-06	4509	16.40	120	98	136	78	58	36	11	9	88	58	20	13.0	18.0	1416	7.8	1.1	96	185700	0.78	37.5	55.5	7.0	89/11	0.5		428	71
100	25-06	4535	16.40	117	86	139	80	59	37	11	9	70	59	21	12.0	18.0	1412	6.5	1.6	98	192900	0.79	36.5	56.5	7.0	89/11	0.5	13.1	445	52
101	26-06	4575	16.40	116	84	140	80	59	37	11	9	70	59	20	12.0	17.0	1425	7.4	2.2	99	193300	0.79	36.5	56.0	7.5	88/12	0.5	13.3	449	49
102	27-06	4605	16.40	127	90	152	87	63	39	11	10	76	65	22	13.0	18.0	1385	8.1	1.8	99	193300	0.79	36.0	56.5	7.5	88/12	0.5	14.7	448	46
103	28-06	4605	16.40			153	89	65	40	11	10	77	64	25	13.0	19.0	1400	8.1	1.8	96	187500	0.78	36.0	56.0	8.0	88/12	0.5		450	44
104	29-06	4605	16.40			153	89	65	40	11	10	77	64	25	13.0	19.0	1400	8.1	1.8	96	187500	0.78	36.0	56.0	8.0	88/12	0.5		450	44
105	30-06	4605	16.40			153	89	65	40	11	10	77	64	25	13.0	19.0	1400	8.1	1.8	96	187500	0.78	36.0	56.0	8.0	88/12	0.5		450	44
106	01-07	4605	16.40			153	89	65	40	11	10	77	64	25	13.0	19.0	1400	8.1	1.8	96	187500	0.78	36.0	56.0	8.0	88/13	0.5		450	44
107	02-07	4605	16.40			154	88	65	10	11	9	77	68	22	12.0	17.0	1280	3.0	1.4	82	158800	0.83	35.0	55.5	8.5	87/13	0.3		445	47
108	03-07	4605	16.40			154	88	65	10	11	9	77	68	22	12.0	17.0	1280	3.0	1.4	82	158800	0.83	35.0	55.5	8.5	87/14	0.3		445	47
109	04-07	4605	16.40			154	88	65	10	11	9	77	68	22	12.0	17.0	1280	3.0	1.4	82	158800	0.83	36.0	55.5	8.5	87/15	0.3		445	47
<b>6 1/2" Section: Versavert OBM</b>																														
110	05-07	4608	16.40	107	76	145	81	59	36	10	8	73	64	17	11.0	16.0	905	6.1	1.4		176500	0.80	36.0	55.5	8.5	87/13	0.3		449	44
111	06-07	4650	16.90		94	154	86	63	38	10	8	77	68	18	11.0	16.0	1055	8.3	2.4	96	187500	0.78	38.0	54.0	8.0	87/13	0.3	15.2	472	48
112	07-07	4727	17.00	126	93	166	92	67	40	10	8	83	74	18	11.0	16.0	1106	7.8	1.6	96	187500	0.78	38.5	53.5	8.0	87/13	0.3	13.4	475	51
113	08-07	4782	17.00	118	112	171	95	69	41	9	8	86	76	19	10.0	18.0	1235	7.0	2.8	95	185700	0.78	39.0	54.0	7.0	88/12	0.3	12.5	481	53
114	09-07	4813	17.00	120	91	182	102	74	44	10	6	81	80	22	12.0	19.0	1516	8.7	3.8	95	185700	0.78	39.0	54.0	7.0	88/12	0.3	11.8	481	53
115	10-07	4883	17.10	133	94	190	108	77	45	10	8	85	84	22	11.0	21.0	1750	7.0	2.8	106	208300	0.76	39.0	55.0	6.0	90/10	0.3	18.2	485	50
116	11-07	4960	17.10	125	99	208	117	84	49	10	6	104	91	28	11.0	22.0	1950	6.0	4.6	109	216700	0.75	39.0	55.0	6.0	90/10	0.3		494	44
117	12-07	4986	17.10	127		192	107	76	44	10	8	86	85	22	11.0	20.0	1650	7.9	5.4	98	192300	0.79	39.0	54.5	6.5	89/11	0.3		482	52
118	13-07	4986	17.10	110	102	194	108	78	46	10	6	87	88	11	11	20	1600	7.9	4.6	98	192300	0.79	39.0	54.5	6.5	89/11	0.3		482	52
119	14-07	4986	17.10	110	102	194	108	78	46	10	8	87	88	11	11	20	1600	7.9	4.6	98	192300	0.79	39.0	54.5	6.5	89/12	0.3		482	52
<b>F&amp;A Section: Versavert OBM</b>																														
120	15-07	4566	17.20	100	135	219	121	87	50	11	8	110	98	12	12	23	1600	6.6	4.6	105	207700	0.76	41.5	51.5	6.5	89/11	0.3		432	110
121	16-07	3700	17.10			215	121	86	49	11	8	108	94	14	11	21	1350	4.6	5.0	98	192900	0.79	40.0	53.0	7.0	88/12	0.3		464	72
122	17-07	3647	14.20			70	40	28	18	7	6	35	30	5	7	9	870	5.2	4.5	81	156300	0.83	28.0	64.0	8.0	89/11	0.0		340	40
123	18-07	3647	14.20			70	40	28	18	7	6	35	30	5	7	9	870	5.2	4.5	81	156300	0.83	28.0	64.0	8.0	89/12	0.0		340	40
124	19-07	2858	14.20			83	46	33	22	7	6	42	37	5	8	12	870	4.4	4.5	68	130000	0.87	28.0	62.0	10.0	86/14	0.0		336	42
125	20-07	2858	14.20			80	43	32	19	7	6	40	37	3	8	12	786	4.4	4.5	68	130000	0.87	28.0	62.0	10.0	86/15	0.0		336	42
126	21-07	695	14.20			81	44	33	20	8	7	41	37	4	8	13	792	4.4	4.5	68	130000	0.87	28.0	62.0	10.0	86/16	0.0		336	42
127	22-07	695	14.20			60	33	26	17	7	6	30	27	3	5	10	667	3.4	4.5	48	91700	0.93	26.0	62.0	12.0	86/14			366	6
128	23-07	625	14.20			62	35	30	19	8	6	31	27	4	5	11	615	3.1		48	91700	0.93	26.0	62.0	12.0	86/15			366	6
129	24-07	495	14.20			65	37	32	20	8	6	33	28	5	5	12	590	2.6		44	83300	0.94	26.0	62.0	12.0	84/16			387	6

# Mud Properties, daily record

Operator: Conoco Phillips

Rig: Mærsk Giant

FSR no.	Date	Depth	MW	T	F.Vis	VG-meter readings @ 50 C						AV	PV	YP	Gel	Gel	ES	Excess	HTHP	CaCl2	Cl-	WFS	Solids	Oil	Water	O/W	Sand	OOC	HGS	LGS
						Temp	600	300	200	100	5																			
130	25-07	0	14.20			84	47	34	20	6	5	42	37	5	6	11	440	1.3			0.94	26.0	57.0	17.0	77/23			358	12	
131	26-07	0																												