

6.3 Mud report

36" hole, 30" csg.:

A 17-1/2" pilot hole was drilled from 294 m to 359 m using seawater. 5 m³ high viscous mud was pumped every connection and the pilot hole displaced with 50 m³ viscous mud before pulling out. The hole was then opened to 36" using seawater and pumping high viscous mud on every connection. The hole was displaced with 1.25 r.d. mud before the casing was run.

Materials used in this section were: Barite, Bentonite, Caustic Soda, W.O. 21 and Lime.

26" hole, 20" csg.:

The 17-1/2" pilot hole was drilled from 359 m to 914 m with prehydrated Bentonite and seawater. Lost circulation materials were circulated around to prevent lost circulation. The pilot hole was underreamed to 26" using seawater and the hole was displaced with 100 m³ high viscous mud before the casing was run.

Materials used in this section were: Barite, Bentonite, Caustic Soda, W.O. 21, Lime, Soda Ash, Walnut Fine and Walnut Coarse.

17-1/2" hole, 13-3/8" csg.: The 17-1/2" pilot hole was drilled from 918 m to 2010 m using a Gyp/Polymer mud system. The mudweight was increased from 1.14 r.d. to 1.45 r.d. during the drilling due to tight hole. The carrying capacity of the mud was increased due to insufficient hole cleaning during drilling.

Materials used in this section:

Barite, Caustic Soda, Gypsum, Milpol 302, Drispac, Permalose, Soda Ash and Soltex.

12-1/4" hole, 9-5/8" csg.: The mudweight was reduced to 1.31 r.d. prior to drill out of the 13-3/8" casing. The mud was dispersed with Lignosulphonate from 2500 m. In section drilled with turbine the amount of colloidal solid increased in the mud and the result was high viscosity. The problem was cured adding drillwater to the mud. From 3580 m to total depth of this section at 3697 m Miltemp was added for rheology stability due to high temperature. The mudweight was increased to 1.45 r.d. during the drilling due to increase in pore pressure.

Materials used in this section were:

Barite, Caustic Soda, Soda Ash, Gypsum, Drispac, Permalose, Bicarbonate, Bentonite, Spersene, XP-20, Chemtrol-X and Miltemp.

8-3/8" hole:

The section was drilled from 3697 m to 5000 m with Bentonite, Lignosulphonate mud. The mudweight was increased to 1.51 r.d. during the drilling due to increase in pore pressure. To increase the carrying capacity the Yield point and gelstrength were increased in section drilled with turbine. Seawater was added during the drilling due to fine solids were dissolved in the mud.

Materials used in this section were: Barite, Caustic Soda, Unical, XP-20, Bicarbonate, Magcolube, Chemtrol-X, Bentonite and Miltemp.



DRILLING MUD RECAP

Contractor WILHELMSEN OPERATOR NORSK HYDRO A/S LEGAL DESCRIPTION _____
 Rig No. TREASURE SCOUT Well Name And No. 7117/9-2 Field TROMSØFLAKET COUNTRY NORWAY
 Promud a/s Warehouse HAMMERFEST Spud Date 7/5/83 No. Drilling Days To T.D. 105 DATE T.D. REACHED 1/9/83 TOTAL DEPTH 5000 m TOTAL COST \$ 534,062.66

DATE (1983)	TIME	DEPTH meters	WT (01.2)	PV	YIELD POINT (K 10017)	GELS to 10017 0 to 10	FILT RATE (ml/20 min)	L. Gel (32nd m)	Alkalinity			Chloride (ppm)	Calcium (ppm)	Sand (% by Vol)	Solids (% by Vol)	Dil (% by Vol)	Water (% by Vol)	Methy Blue (me/ml mud)	Ex - Gyp.	Ch. Vol. % (ppm)	REMARKS			
									API	HT	HP													
7/5	2000	301	1.0	140								0	TRC					30		900	Spud mud.			
8/5	2400	359	1.0	115								0	TRC					30		900	Spud mud.			
9/5	2400	358	1.25	110								0	TRC					33		550	Spud mud.			
10/5	2300	359	1.05	40	5	7	2.5/4.5	9.4				2	1.3	8/8	20000	800	.5	3	97	28	880	Running riser.		
11/5	2400	600	1.12	54	11	26	8/11	9.0				3	1.1	5/9	22000	800	.5	7.2	92.8	33	1420	Drill 445 mm.		
12/5	2400	914	1.13	54	12	20.5	7/10	9.0				3	.11	04/07	21000	500	.5	6.5	93.5	37	1800	Drill 445 mm.		
13/5	2400	912	1.13	54	10	28	5/13	9.0				3	1.0	6/6	16000	700	.5	7.0	93	35	1550	Log OK.		
14/5	2400	900	1.13	51	13	22	7/10	9.0				3	1.0	5/7	18000	600	.5	6.8	93.2	30	2394	Underream to 610 mm.		
15/5	2400	915	1.13	52	15	23	DISPLACE HOLE WITH 50 BBL HT-VIS & THEN WITH MUD.																	POOH.
16/5	2400	903	1.14	42	3	7	1/2	9.0				1	1.0	7/8	21000	2400	.5	8	92		209	Run casing.		
17/5	2400	903	1.14	40	4	7	1/2	9.0				1	1.0	6/8	21000	2400	.5	8	92		4.6	209	Test BOPs.	
18/5	2400	938	1.14	39	9	7.5	2/2.5	9.0				1	.5	05/3	25000	2000	.5	7.5	92.5	6	6.3	207	Drill 445 mm Hole.	
19/5	2400	1200	1.15	53	18	16	3/9	9.4	9.0		23c	1	.3	1/3	23000	1600	.75	7.0	93	20	4.7	315	Drill. Weight up to 1.2	
20/5	2400	1420	1.23	48	12	13	3/14	9.5	12			1	.3	05/2	22000	1350	.5	9	91	12.5	5.0	357	Drill. Back off. POOH. Cont.	
21/5	2400	1637	1.30	59	14	17	7/18	9.5	10			2	.3	05/3	22000	1520	.5	11	89	15	5.1	374	Drill ahead. drl.	
22/5	2400	1785	1.30	58	15	16	10/18	9.6	10.2			2	.4	05/3	22000	1600	.3	12	88	15	4.9	396	Drill. Chg. bit. Drill.	
23/5	2400	1940	1.30	59	15	17	10/19	9.4	10.1			2	.5	05/5	22000	1800	.3	12	88	17.5	5.2	442	Drill.	
24/5	2400	2010	1.30	61	15	19	10/19	9.5	10			2	1.2	05/7	22000	1400	.3	12	88	17.5	4.8	424	Drill. Circ. POOH.	
25/5	2400	2010	1.40	65	16	23	10/20	9.4	11			2	.6	05/5	22000	1640	.3	15	85	18	4.9	440	POOH. Log. RIH. Circ.	
26/5	2400	2010	1.40	60	15	19	14/22	9.4	11.5			2	.6	1/5	22000	1600	.3	15	85	20	4.2	446	POOH. Log. RIH. Circ.	
27/5	2400	2010	1.40	60	14	18	11/19	9.0	7.9			1	.5	09/4	22000	1500	.3	15	85	20	4.0	446	Logging.	
28/5	2400	2010	1.45	61	18	21	12/21	9.5	8			1	.5	07/7	22000	1400	.3	18	82	20	3.5	446	Niper trip.	
29/5	2400	2000	1.45	65	18	22	13/21	9.0	8			1	.4	03/3	22000	1600	.3	18	82	20	3.5	446	Running casing.	
30/5	1994	1994	1.31	45	12	11	3/6	9.0	8.1			1	.5	04/6	22000	1600	.2	11	89	15	5.0	196	Test BOPs.	
31/5	1995	1995	1.31	45	13	12	3/7	9.0	8.6			1	.6	04/6	22000	1600	.2	11	89	15	5.0	196	Fishing.	
1/6	2400	2010	1.31	47	8	13	4/8	10	7.9			1	1.6	1/4	22000	1700	.2	11	89	10	5.0	289	Drill out cement.	
2/6	2400	2074	1.31	47	11	9.5	2/5	10	7.0			1	1.2	07/2	22000	1650	.2	10	90	10	4.5	291	Drilling 12 1/4" hole.	
3/6	2400	1.31	1.31	49	12	9.5	3/7	9.5	7.0			1	.9	02/4	22000	1600	.2	10	90	10	4.0	304	Drilling 12 1/4" hole.	

Date 3/6/83. Promud a/s Technical Representative _____ Carter. _____ District North Sea. Region Norway. PAGE 1 OF 4



DRILLING MUD RECAP

Contractor WILHELMSEN OPERATOR NORSK HYDRO A/S LEGAL DESCRIPTION _____
 Rig No. TREASURE SCOUT Well Name And No. 7117/9-2 Field TROMSØFLAKET COUNTRY NORWAY
 Promud a/s Warehouse HAMMERFEST Spud Date 7/5/83 No. Drilling Days To T.D. 105 DATE T.D. REACHED 1/9/83 TOTAL DEPTH 5000 m TOTAL COST \$ 534,062,66

DATE (1983)	TIME	DEPTH meters	WT (ppg)	F _r	F _v	YIELD POINT (lb/100ft ²)	GELS (10, 100ft ²)	pH	FILTRATE (ml/30 min)			Cake (32nd wt)	Alkalinity			Uronide (ppm)	Calcium (ppm)	Sand (% By Vol)	Solids (% By Vol)	Oil (% By Vol)	Water (% By Vol)	Methy Bluc (meq/ml mud)	Ex - Gyp.	Circ Volume (bbl)	REMARKS
									API	HT MP	η _s		P _m	P _v	M ₁										
4/6	2400	2240	1.31	50	11	11	7/12	9.0	7.1			1	.6	03.05	22000	1600	.2	11	0	89	15	4	304	Secure well for strike.	
																									STRIKE.
17/6	2400	2240	1.31	56	12	12	7/13	9.0	7.0			1	.4	01/05	20000	1600	.2	11	0	89	16	4.3	206	Run riser.	
18/6	2400	2240	1.31	49	13	9	4/10	9.6	7.5			1	.5	1/1.5	20000	1400	TR	11	0	89	15	4.4	340	Drill B.P.	
19/6	2400	2240	1.31	50	12	10	5/16	10.8	9.8			1	1.8	4/1.9	21000	1320	.3	11	0	89	13	4.4	318	Drill cont.	
20/6	2400	2240	1.31	55	12	8	4/13	10.3	6.6			1	1.4	2/1.6	22000	1200	.2	11	0	89	13	4.3	308	Drill cont.	
21/6	2400	2368	1.31	58	13	8	4/13	10.1	6.8			1	1.2	15/1.7	22000	1160	.2	11	0	89	14	4.3	341	Drilling 12 1/4 hole.	
22/6	2400	2438	1.31	57	13	8	3/14	9.8	6.2			1	.8	1/1.5	22000	1240	.2	11	0	89	14	4.1	346	" "	
23/6	2400	2526	1.31	57	13	8	3/14	9.9	6.0			1	.7	1/1.4	20000	1000	.2	12	0	88	18	3.8	342	" "	
24/6	2400	2596	1.31	54	17	9	3/12	9.9	6.2	25	250	1	.6	1/1.5	19000	1000	TR	12	0	88	20	3.3	330	" "	
25/6	2400	2650	1.31	53	17	8	2/11	8.7	6.0	25	250	1	.5	1/1.5	18000	920	TR	12	0	88	20	2.5	341	" "	
26/6	2400	2675	1.37	57	18	10	3/14	9.7	5.8	23	250	1	.5	1/1.5	17000	980	TR	14	0	86	22	1.7	331	" "	
27/6	2400	2704	1.37	56	17	9	3/15	9.5	5.9	24	250	1	.5	1/1.6	17000	920	TR	14	0	86	22	1.4	340	" "	
28/6	2400	2774	1.37	60	18	12	3/16	9.8	5.2	22	250	1	.6	15/1.6	17000	680	TRC	15	0	85	25		360	Drill 311 mm Hole.	
29/6	2400	2832	1.37	60	18	11	3/15	10.3	5.4	21	250	1	.3	2/1.22	17000	500	TRC	15	0	85	23		363	" "	
30/6	2400	2880	1.37	60	20	10	3/14	10	5.6	24	250	1	.3	22/26	17000	500	TRC	15	0	85	22		354	Lost survey bbl.	
1/7	1630	2880	1.37	60	23	11	3/16	10	5.8	24	250	1	.3	2/26	17000	500	TRC	15	0	85	26		354	Mill survey bbl.	
2/7	2400	2917	1.37	56	20	8	3/18	9.8	6.0	25	250	1	.28	16/18	17000	500	TRC	15	0	85	28		357	Drill 311 mm Hole.	
3/7	2400	2982	1.37	57	24	11	4/17	10	5.4	24	250	1	.3	2/26	16000	600	TRC	15	0	85	28		360	" "	
4/7	2200	3046	1.37	60	24	11	3/15	10	5.8	24	250	1	.4	22/34	16000	600	TRC	15	0	85	26		400	" "	
5/7	2300	3065	1.37	62	24	11	3/15	10	5.8	24	250	1	.36	2/26	16000	600	TRC	15	0	85	28		402	" "	
6/7	2300	3108	1.37	63	20	10	3/16	9.8	6	24	250	1	.42	22/4	15000	600	TRC	15	0	85	28		397	" "	
7/7	2300	3131	1.37	63	23	8.5	3/22	9.7	6	25	250	1	.36	2/32	15 K	500	TRC	15	0	85	28		405	" "	
8/7	1730	3156	1.42	65	26	10	3/17	9.6	6	24	250	1	.3	16/22	15 K	500	TRC	17	0	83	28		378	Ann vol.	
9/7	2300	3191	1.42	67	18	12	3/22	9.5	6	24	250	1	.3	2/3	15 K	500	TRC	17	0	83	28		387	" "	
10/7	2300	3219	1.42	70	22	11	3/19	9.6	6	24	250	1	.36	2/28	15 K	500	TRC	17	0	83	28		391	" "	
11/7	2300	3244	1.42	70	20	11	3/20	9.6	6	24	250	1	.42	22/4	14 K	400	TRC	17	0	83	28		395	" "	
12/7																									LOGGING.

Date 12/7/83 Promud a/s Technical Representative Carter/Brauti. District North Sea. Region Norway. PAGE 2 OF 4



DRILLING MUD RECAP

Contractor WILHELMSEN OPERATOR NORSK HYDRO A/S LEGAL DESCRIPTION _____
 Rig No TREASURE SCOUT Well Name And No 7117/9-2 Field TRONSGELAKET COUNTRY NORWAY
 Promud a/s Warehouse HAMMERFEST Spud Date 7/5/83 No. Drilling Days To T.D. 105 DATE T.D REACHED 1/9/83 TOTAL DEPTH 5000 m TOTAL COST \$ 534,062.66

DATE (1983)	TIME	DEPTH (m)	LV (ppm)	FV	PV	YIELD POINT (10/3000) ²	GELS (10/1000) ² @ 10	OH	FILTRATE (ml/30 min)			L. SOL (3000)	Alkalinity			CaCl ₂ (ppm)	Calcium (ppm)	Sand (Vol)	S. ds (Vol)	O ₂ (Vol)	Water (Vol)	Methy Blue (ml/mud)	C. V (ppm)	REMARK
									API	HT MP	F		P ₁	P ₂	M ₁									
13/7	2400	3253	1.42	73	29	16	4/20	9.8	6.2	25	250	1	.42	24/36	13 K	350	TRC	17		83	32	374	Drill 311 mm Hole.	
14/7	2400	3303	1.42	67	17	11	3/15	9.6	6.0	25	250	1	.4	24/36	13 K	350	TRC	17		83	26	385	" "	
15/7	2400	3319	1.42	70	16	11.5	3/16	9.6	6.2	25	250	1	.52	2/16	14 K	350	TRC	17		83	26	401	" "	
16/7	2300	3346	1.46	63	15	11.5	3/15	9.8	6.0	25	250	1	.48	26/44	13 K	300	TRC	18		82	26	401	" "	
17/7	2300	3363	1.45	65	14	11	3/15	9.6	6.0	25	250	1	.4	27/35	13 K	300	TRC	18		82	26	397	" "	
18/7	2300	3399	1.45	65	15	11	3/17	9.4	6.2	26	250	1	.4	22/34	13 K	300	TRC	18		82	27	400	" "	
19/7	2330	3437	1.45	67	15	11	4/20	9.4	6.6	27	250	1	.64	18/56	14 K	520	TRC	18		82	27	397	Anhydrite "	
20/7	2330	3471	1.45	69	14	12.5	3/16	9.5	6.8	28	250	1	1.0	2/74	13 K	350	TRC	18		82	27	410	" "	
21/7	2400	3482	1.45	70	14	12	2.5/17	9.6	6.8		250	1	.5	24/36	13 K	500	TRC	18		82	27		Core.	
22/7	2400	3482	1.45	76	13	11.5	3/14	9.5	6.5	24	250	1	.5	16/31	13000	400	TRC	18		82	27	392	Test BOPs.	
23/7	2400	3535	1.45	52	13	9.5	3/12	10	6.6	24	250	1	.7	6/6	13000	650	TRC	18		82	27	400	Drilling.	
24/7	2400	3560	1.45	56	14	10	3/14	10	6.6	20	250	1	.4	4/85	13000	400	TR	18		82	27	419	Drilling.	
25/7	2400	3579	1.45	68	16	9	4/15	10	6.5	20	250	1	.5	7/4	13000	350	TR	18		82	27	420	Tripping.	
26/7	2400	3602	1.45	50	14	9	4/12	10	6.6	16	250	1	.4	4/2	13000	400	TR	18		82	27	435	Drill.	
27/7	2400	3635	1.45	56	16	11	3/15	10	6.7	17	250	1	.4	3/8	13000	400	TR	18		72	27	433	Drilling.	
28/7	2400	3643	1.45	59	13	9	3/12	9.5	6.7	16	250	1	.3	2/9	13000	350	TR	18		82	27	437	Ream 3375 to 3643.	
29/7	2400	3673	1.45	50	12	9	3/11	9.5	6.6	14	250	1	.3	4/9	12000	400	TR	18		82	27	436	Drill.	
30/7	2400	3675	1.45	60	14	10	4/13	9.5	6.5	14	250	1	.4	3/8	11000	350	TR	18		82	27	438	FOOH for washout.	
31/7	2400	3075	1.45	52	12	8	3/10	9.5	6.4	16	250	1	.4	3/8	11000	350	TR	18		82	27	438	Coring.	
1/8	2400	3688	1.45	51	12	8	3/9	9.5	6.6	15	250	1	.3	3/8	11000	350	TR	18		82	28	441	Drill.	
2/8	2400	3697	1.45	58	13	10	4/14	9.5	6.6	15	250	1	.4	4/9	11000	350	TR	18		82	28	430	Logging.	
3/8	2400	3697	1.45	75	14	12	5/14	9.5	6.6	15	250	1	.4	3/2	11000	350	TR	18		82	27	430	Logging.	
4/8	2400	3697	1.45	54	12	9	2/9	9.5	6.5	15	250	1	.4	3/8	11000	400	TR	18		82	27	430	Running casing.	
5/8	2400	3681	1.45	54	10	9	3/9	9.5	6.6	15	250	1	.4	3/8	11000	400	TR	18		82	27		Pick up new BHA.	
6/8	2400	3681	1.45	15	14	12	4/13	9.5	6.6	15	250	1	.4	3/9	11000	400	TR	18		82	27	280	Test BOPs.	
7/8	2400	3708	1.45	46	11	6.5	4/12	10.5	8.5	20	250	1	.7	5/2	12000	200	TR	18		82	27	291	Drill cement + shoe.	
8/8	2400	3723	1.45	47	9	7.5	25/8	10.5	7.2	19	350	1	.6	2/1	13000	350	TR	18		82	27	352	Drill 8/8 hole.	
9/8	2400	3765	1.45	47	11	7.5	3/8	10.5	7.1	20	250	1	.6	3/9	13000	400	TR	18		82	27	307	FOOH.	

Date 9/8/83. Promud a/s Technical Representative Carter. District North Sea. Region Norway. PAGE 3 OF 4



DRILLING MUD RECAP

Contractor WILHELMSEN OPERATOR NORSK HYDRO A/S LEGAL DESCRIPTION _____
 Rig No. TREASURE SCOUT Well Name 7117/9-2 Field TRONSFLAKET COUNTRY NORWAY
 Promud a/s Warehouse HAMMERFEST Spud Date 7/5/83 No. Drilling Days To T.D. 105 DATE T.D. REACHED 1/9/83 TOTAL DEPTH 5000 m TOTAL COST \$ 534,062.66

DATE	TIME	DEPTH meters	WT (ppm)	FV	Pv	YIELD POINT (lb 100ft ²)	GELS (lb 100ft ²)	pH	FILTRATE (ml/30 min)			Calc (300 ml)	Ammonia			Chloride (ppm)	Calcium (ppm)	Sand (by Vol)	Solids (by Vol)	Oil (by Vol)	Water (by Vol)	Methy Blue (mg/ml mud)	Circ V (in 100)	REMARKS
									API	HT HR	Cl		Pm	Pi	Me									
10/8	2400	3815	1.45	45	16	6.5	2.5/7	10	6.5	22	250	1	.6	23/1	13000	350	TR	18		82	27	316	Drilling.	
11/8	2400	3860	1.45	46	12	4.5	2.5/6	10	7.0	21	250	1	.4	4/3	13000	350	TR	18		82	27	319	POOH.	
12/8	2400	3979	1.45	46	11	5.5	2.5/6	10	7.0	19	250	1	.4	4/3	14000	400	TR	18		82	27	325	RIH.	
13/8	2400	4088	1.45	38	12	5	2.5/8	10	6.9	19	250	1	.3	3/1	13000	400	TR	18		82	27	316	Survey.	
14/8	2400	4205	1.45	48	11	5.5	2.5/9	10	7.0	14	250	1	.3	3/1	13000	350	TR	18		82	27	326	Drilling.	
15/8	2400	4332	1.45	46	12	4	2.5/9	10	7.0	16	300	1	.3	5/6	13000	350	TR	18		82	27	328	Drilling.	
16/8	2400	4378	1.45	50	12	6	3/9	10	7.2	15	300	1	.4	7/15	13 K	300	TRC	18		82	27	330	Drill.	
17/8	2400	4394	1.45	47	11	6	2.5/9	10	7.6	16	300	1	.6	8/14	13 K	350	TRC	18		82	27	330	POOH to core No. 3.	
18/8	2400	4394	1.45	57	13	8.5	6/15	10	7.6	16	300	1	.4	34/98	11 K	300	TRC	18		82	30	336	RIH to casing shoe.	
19/8	1300	4407	1.45	68	15	8.5	6/17	10	7.4	16.4	300	1	.46	32/96	12 K	300	TRC	18		82	32	309	Drill. POOH.	
20/8	2400	4474	1.45	70	13	9.0	3/14	10	7.6	16.4	300	1	.7	36/12	11 K	300	TRC	18		82	30	337	Drill.	
21/8	2400	4572	1.52	80	16	11	5/15	10	7.6	16.6	300	1	1.1	38/96	11 K	300	TRC	20		80	30	328	Increase density. Drill.	
22/8	1000	4596	1.52	79	15	10	4/15	10	7.4	16.6	300	1	1.2	4/10	11 K	300	TRC	20		80	30	330	Drill. POOH.	
23/8	2000	4636	1.51	63	13	10	3/13	10	7.4	16.6	300	1	1.2	38/98	11 K	300	TRC	20		80	34	340	Drill.	
24/8	2400	4636	1.51	72	12	8	2.5/12	10	7.6	16.8	300	1	1.1	34/98	10500	200	TRC	20		80	30	318	POOH and disconnect.	
25/8	0100	4637	1.51	64	12	11	2/11	10	7.6	16.9	300	1	1.0	34/92	10 K	200	TRC	20		80	30	333	Drill.	
26/8	2300	4737	1.51	60	14	9	3/14	10	7.6	17.0	300	1	1.1	3/9	10 K	200	TRC	20		80	27	331	Trip in. Circ.	
27/8	2300	4792	1.51	62	11	10.5	3/15	10	7.8	17.0	300	1	.96	26/8	10 K	200	TRC	20		80	25	340	Drill. Wiper trip. Ram & wash.	
28/8	2100	4860	1.51	64	12	9.5	4/17	10	7.4	17.0	300	1	1.0	32/9	10 K	200	TRC	20		80	26	349	Drill. Circ. Hi-Vis pill. POOH	
29/8	1700	4876	1.51	62	12	10.5	3/14	10	7.6	17.0	300	1	1.2	36/92	10 K	200	TRC	20		80	28	343	Core, POOH No. 9.	
30/8	2400	4913	1.51	50	12	9.5	3/15	10	7.8	17.2	300	1	1.0	28/96	10 K	200	TRC	20		80	27	346	Drill. Wiper trip good.	
31/8	2400	5000	1.51	63	10	12.5	2.5/2.5	10	7.6	17.2	300	1	1.0	24/9	10 K	200	TRC	20		80	27	350	T.D. POOH to log.	
1/9	2400	5000	1.51	63	10	11	3/14	10	7.4	17.4	300	1	1.2	4/96	10 K	200	TRC	20		80	27	361	Clean out trip. Log.	
2/9	PIT	CHECK	1.51	90	12	18	10/16	10	7.2	16.8	300	1	1.0	28/92	10 K	200	TRC	20		80	28	366	Log.	
3/9	PIT	CHECK	1.51	55	11	9.5	3/13	10	7.8	17.6	300	1	.98	2/7	10 K	200	TRC	20		80	25	355	Log.	
4/9	RIH	Perf. & PNA.					"Plug and abandon"																	

Date 4/9/83. Promud a/s Technical Representative Carter. District North Sea. Region Norway. PAGE 4 OF 4