SIMON PETROLEUM TECHNOLOGY

WELL: 34/7-8

Print: 5697 BB Units: (M) F Top: 310 Bottom: 2750 Scale: 1:500 TD: Ø

Length: 23 FT Initials: [illegible]

DIGITAL WIRELINE LOGS PACKAGE 1994

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COMPLETION LOG

ESSO / STATOIL / NORSK HYDRO / ELF / DEMINEX / DNO

saga

REGISTRERT 14 OKT. 1986 OLJEDIREKTORATET

Saga Petroleum a.s.

Composite Well Log

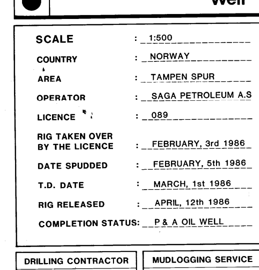
Well 34/7-8

SCALE	: 1:500	RIG	: TREASURE SAGA
COUNTRY	: NORWAY	LOCATION COORDINATES	
AREA	: TAMPEN SPUR	LATITUDE	: 61°-22'-25.93"N
OPERATOR	: SAGA PETROLEUM A.S	LONGITUDE	: 02°-08'-33.37"E
LICENCE	: 089	ELEVATIONS	
RIG TAKEN OVER BY THE LICENCE	: FEBRUARY, 3rd 1986	RKB-MEAN SEA LEVEL	: 26m
DATE SPUDDED	: FEBRUARY, 5th 1986	RKB-SEA FLOOR	: 312m
T.D. DATE	: MARCH, 1st 1986	WATER DEPTH	: 286m
RIG RELEASED	: APRIL, 12th 1986	TOTAL DEPTH driller's depth	: 2766m
COMPLETION STATUS	: P & A OIL WELL	logger's depth	: 2766.8m

DRILLING CONTRACTOR	MUDLOGGING SERVICE	LOGS
WILH. WILHELMSEN	EXPLORATION LOGGING	ANADRILL(MWD) / DRESSER ATLAS(WIRELINE LOGS)

CASING	SHOE (mRKB)	HOLE SIZE	INTERVALL (mRKB)
30"	434	36"	312-439
20"	848	26"(17 1/2")	439-870
13 3/8"	1859	17 1/2"	870-1875
9 5/8"	2525	12 1/4"	1875-2766

LOCATION MAP



Casing Record	Hole Size	Logged Interval (m RKB)	Type of Log	Run No.	Date
30" 434 m	36" to 439 m		GR to surface	1A	08.02.86
20" 848 m	26" (17 1/2") to 870 m	310.0 - 870.1 310.0 - 850.2	MWD (GR, Res.) DIFL-LSBHC-GR-CAL CDL-GR	1A 1A	08.01.86 08.02.86
13 3/8" 1859 m	17 1/2" to 1875 m	847.5 - 1873.9 847.5 - 1854.1 38 samples	MWD (GR, Res.) DIFL-LSBHC-GR-CAL CDL-GR COREGUN	2B 2B 2A	15.02.86 15.02.86 15.02.86
9 5/8" 2525 m	12 1/4" to 2766 m	1856.0 - 2766.1 1856.0 - 2765.8 2197.0 - 2765.8 1856.0 - 2765.8 86 samples	MWD (GR, Res.) DIFL-LSBHC-GR-CAL CDL-CN-SL-CAL DLL-MLL-GR-CAL DIPLOG FMT VSP COREGUN	3C 3C-A 3A 3A 3A-L 3A 3B-C	02.03.86 02.03.86 02.03.86 03.03.86 03.03.86 04.03.86 06.03.86
T.D. 2766.8 m (logger's depth)					

AUTHOR: Ø. MJELDE APPR: B. GUSTAVSEN DRAFTED BY: R. KJØLSTAD DATE: SEPT. 1986

GEOLOGICAL SYMBOLS

CLAY/CLAYSTONE, BRECCIA, SALT, SHALE, LIMESTONE, ANHYDRITE/GYPSUM, SILTSTONE, CHALK, VOLCANICS, SAND/SANDSTONE, DOLOMITE, COAL, CONGLOMERATE, MARL, GNEISSEOUS/BASEMENT

LITH.PREFIXES

CALCAREOUS, DOLOMITIC, ARGILLACEOUS, CHERTY, GLAUCONITIC, MICACEOUS, PYRITIC, TUFFACEOUS, METAMORPHICS, SIDERITE

FOSSILS

FORAMINIFERA, SHELL DEBRIS, MACROFOSSILS, FOSSILS IN GENERAL

WELL LOG SYMBOLS

SIDEWALL CORE, SIDEWALL CORE, NO RECOVERY, CORE, RFT, SHOWS, FLUORESCENCE AND CUT, SHOWS STAIN FLUORESCENCE, AND CUT, GAS, ON LOGS, CASING SHOE, DRILL STEM TEST

WELL 34/7-8 - CORE SUMMARY

Core No.	Cut Interval m RKB	Cut m	Recovered Interval m RKB	Recovered m	Recovered %	Correction Factor m	Recovered interval log m RKB
1	2280.0 - 2297.5	17.5	2280.0 - 2297.2	17.2	98.3	2.0	2282.0 - 2299.2
2	2325.0 - 2346.0	21.0	2325.0 - 2345.0	20.0	95.2	2.0	2327.0 - 2346.7
3	2346.0 - 2366.0	20.0	2346.0 - 2365.6	19.6	98.0	1.0	2347.0 - 2356.8
						0	2357.8 - 2365.6
4	2401.0 - 2407.0	6.0	2401.0 - 2406.4	5.4	90.0	1.5	2402.5 - 2408.5

WELL 34/7-8 - FORMATION MULTI TESTER

Depth m RKB	Formation Pressure HP gauge temp. corr. psia	bar	Formation Pressure VPC strain gauge psia	bar	Remarks
3A					
2276.0	5124.1	353.29			
2283.0	5131.9	353.83			
2303.0	5159.3	355.72			
2322.0	5173.9	356.73			
2330.0	5182.3	357.31			
2333.0	5186.9	357.62			
2343.00					Tight
3B					
2283.0	5132.4	353.87			
2303.0	5158.7	355.68			
2322.0	5174.2	356.75			
2367.5					Tight
2372.5					Tight
2398.2	5265.8	360.06			
2528.0	5514.0	380.18			
2546.0	5538.0	381.89			
2559.0	5556.0	383.07			
2617.0	5644.9	389.20			
2398.2					Lost seal when opening sampling tank.
3C					
2402.2					Tight
2322.0	5174.1	356.74			Plugging when opening tank.
3D					
2322.0	5175.4	356.83			Plugging when opening tank.
3E					
2398.5	5260.3	362.68			Lost seal when opening sampling tank.
2360.9	5229.2	360.54			" " " " " "
2372.2					Tight
2354.2	5209.7	359.20			
3F					
2322.0	5186.1	357.57			Plugging when opening tank.
3G					
2381.0			5120.0	353.01	Lost seal when opening sampling tank.
3H					
2380.0			5112.0	352.46	Lost seal when opening sampling tank.
3I					
2398.2			5249.0	361.91	Plugging when sampling. Recovered a film of oil.
3J					
2302.0			5136.0	354.11	Plugging when sampling. Recovered 1.2 l oil and 2.8 l mudfiltrate.
3K					
2277.0	5129.5	353.67			
2301.0	5159.3	355.72			
3L					
2402.2	5277.3	363.86			
2546.0	5541.1	382.04			
2559.0	5538.7	383.11			
2529.0	5512.7	380.09			
2402.3	5269.1	363.29			

WELL 34/7-8 - DST SUMMARY

3 Drill Stem Tests were carried out in the Upper Lunde Formation, the Statfjord Formation and the Upper Jurassic Reworked Sand.

DST No.	Interval m RKB (logged)	BHP Bar (psia)	BHT °C	WHP Bar	WHT °C	Choke size mm	Flow rate Sm^3/day
1A	2359.0 - 2374.0	341.7 (4954.4) (at 2332.8 m)	86.5	18	7	6.4	46 oil
1B	2359.0 - 2374.0 2397.0 - 2405.0	304.1 (4365.7) (at 2332.8 m)	87.1	6.5	9	19.1	120 oil
2	2329.0 - 2334.0	352.3 (5108.1) (at 2293.7 m)	86.2	99	21	6.4	270 oil