SIMON PETROLEUM TECHNOLOGY

WELL: 1/2-1

Print: 8029CC Units: M (F) Top: 50 Bottom: 11750 Scale: 1:500 TD: 11725

Length: 29 FT Initials: TS

DIGITAL WIRELINE LOGS PACKAGE 1994
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COMPLETION LOG

11/2-1 COMPOSITE LOG 308 - 11706

COMPOSITE WELL LOG

1/2-1

PHILLIPS PETROLEUM 66

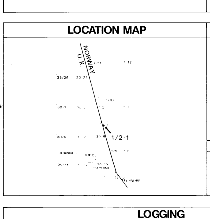
COMPANY:	PHILLIPS PETROLEUM COMPANY
COUNTRY:	NORWAY
AREA:	NORTH SEA/CENTRAL TROUGH
LICENSE:	143
BLOCK:	1/2
GROUP INTEREST:	PHILLIPS PETR. CO. NORWAY 25% (OP)
	ENTERPRISE OIL 15%
	ÖMV 10%
	STATOIL 50%

LOCATION (DERRICK COORDINATES):
LAT: 56°53' 15.07"N LONG: 02°28' 35.70"E
SEISMIC LOCATION: LINE NO. PW 8303A-10
SHOTPOINT NO. 290
K.B. ELEVATION: 72' 22m
WATER DEPTH: 235' 72m
TOTAL DEPTH: 11725' 3574m MD RKB
BOTTOM HOLE FORMATION: MAASTRICHTIAN
LATE CRETACEOUS

WELL CLASSIFICATION: EXPLORATION
SPUD DATE: 20.03.89
COMPLETION DATE: 05.06.89
STATUS: P & A OIL WELL
TESTS: 1 DST (2 INTERVALS)
CORES: 8

RIG: ROSS ISLE
DRILLING CONTRACTOR: ROSS DRILLING
LOGGING CONTRACTOR: SCHLUMBERGER/EXLOG
MUDLOGGING CONTRACTOR: EXLOG
WELLSITE GEOLOGIST: R. TILSLEY BAKER, M. KINGSLEY (EXLOG)
G.V. SØILAND (PPCON)
PHILLIPS GEOLOGISTS: G.V. SØILAND, M. ROGERS

LOCATION MAP



CASING DATA / LEAK OFF TESTS:

Casing	Depth (ft)	Depth (m)	LOT (ppg)	LOT (sg)
30"	559'	170m		
20"	2116'	645m	12.6ppg	1.51 sg
13 3/8"	5002'	1525m	15.2ppg	1.82 sg
9 5/8"	10013'	3052m	15.7ppg	1.88 sg
7" (liner top 9730')	11710'	3569m		

DRILLING FLUID DATA

36"	SEAWATER
26"	SEAWATER
17 1/2"	NATURE MUD
12 1/4"	SEAWATER 16cl
8 1/2"	SEAWATER 16cl

LOGGING SUMMARY

LOG	RUN	DATE	INTERVAL MD (FT)	HOLE SIZE	B.H.T. °F	TIME SINCE CIRC HR.
MWD EXLOG						
GR/RES/DIRECTION	1-21	19/3-11/5 1989	308 - 11725	36"- 8 1/2"		
WIRELINE SCHLUMBERGER						
DIL/SLS/GR	1		2116 - 5024	17 1/2"	103°F	8 h 5 min
	2		5000 - 10013	12 1/4"	187°F	6 h 20 min
SLS/GR	3		10014 - 11725	8 1/2"	253°F	13 h 57 min
DLL/MSFL/GR	1		10014 - 11720	8 1/2"	238°F	6 h 40 min
LDL/CNL/NGT	1		2116 - 5030	17 1/2"	108°F	13 h 5 min
	2		5000 - 10018	12 1/4"	201°F	12 h 14 min
	3		14 - 11731	8 1/2"	238°F	5 h 47 min
CST/GR	1		2185 - 4972	17 1/2"		
	2		5050 - 10013	12 1/4"		
	3		10744 - 11671	8 1/2"		
FMS/GR	1		10014 - 11732	8 1/2"	256°F	13 h 40 min
RFT/GR	1		10038 - 10524	8 1/2"		

LITHOLOGICAL SYMBOLS

CONGLOMERATE, SANDSTONE, SILTSTONE, CLAY/CLAYSTONE, SHALE, LIMESTONE, DOLOMITE, ANHYDRITE, GYPSUM, SALT, COAL, VOLCANICS

SANDY, SILTY, ARGILLACEOUS, CALCAREOUS, CHALKY, DOLOMITIC, ANHYDRITIC, OOLITIC, CHERTY, MICROFOSSILS, SHELL FRAGMENTS, LITHIC FRAGMENTS

M MICACEOUS, V TUFFACEOUS, G GLAUCONITIC, P PYRITIC, C CARBONACEOUS

OPERATIONAL SYMBOL

CORED INTERVAL (WITH DEPTH & RECOVERY)
CASING SHOE
LINER TOP
SIDEWALL CORES RECOVERED / NOT RECOVERED
PERFORATED INTERVAL
4567psi RFT PRESSURETEST
CEMENT PLUG
MW MUD WEIGHT
SHOW OR STAIN
HYDROCARBON CUT
DIP DATA
FLUORESCENCE
P_o VITRINITE REFLECTANCE
GAS SHOWS

COMMENTS

THE WELL WAS DRILLED DOWN TO 10380', 3164m, WHERE THE CORE ASSEMBLY WITH CORE # 7 WAS ACCIDENTLY DROPPED IN THE HOLE. AFTER FISHING THE CORE AND MOST OF THE CORE BARREL, THE WELL WAS PLUGGED BACK AND SIDE TRACKED AT 10100', 3076m. T.D. OF THE WELL WAS 11725', 3574m.

OIL WAS PROVED IN THE FORTIES FORMATION.