SIMON PETROLEUM TECHNOLOGY

WELL: 15/6-5

Print: 1871F Units: (M) F Top: 145 Bottom: 3845 Scale: 1/500 TD: 3824

Length: 31 FT Initials: JPK

DIGITAL WIRELINE LOGS PACKAGE 1994

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COMPLETION LOG

COMPLETION - Ø

Esso Exploration and Production Norway Inc.

15/6-5 COMPLETION LOG

9 JUN 1981

COUNTRY: Norway CONCESSION: PL 029 COORDINATES: Long.: E 1°45'50.745" Lat.: N 58°30'29.868"

Well Classification: Field Appraisal STATUS: Plugged and Abandoned

Elev. KB: 24 m Water Depth: 108 m Total Depth: 3824 m Deepest Form. Penetrated: Triassic

Date Spudded: 10/10/77 Date Compl.: 30/11/77 RIG: Drillmaster Contractor: Norsedrill

MUD-Logging: Geoservices Electric Logging: Schlumberger Remarks:

ELEVATION (not to scale)

Rotary Table

Mean Sea Level

Sea Floor

RUN Nº	DATE	MEAS. INTERVAL (m)	BIT SIZE	BHT °F	SPACINGS	MUD Type	Grad PSI 1000	API Wtr.L	Resistivity in Ohm m/temp °F Schl surf	Schl BHT	MUD FILTR. Resistivity Ohm m/temp °F Schl surf
ISF-Sonic											
1	15/10	166-383	17½		Fresh w. ligno				1.2/64		1.07/64
2	20/10	373.5-1196.5	17½	104	Sea water				0.39/72	0.27/104	0.36/66
3	31/10	1197.5-2848	12 1/4	215	Gel/CMC				0.35/66	0.11/215	0.24/62
4	19/11	2838.5-3717	8½	205	Sea water				0.474/84	0.19/205	0.293/58
5	22/11	3524-3822	8½	229	Gel/CMC/Ligno				0.454/78	0.16/229	0.308/63
Cement bond log											
1	17/10	153.5-348									
2	21/10	372-1165									
Temperature log											
1	2/11	1800-2738	12 1/4	172							
FDC-CNL											
1	19/11	2838.5-3718.5	8½	218	Sea water Gel/ligno				0.474/84	0.19/205	0.293/58
IES											
1	22/11	3250-3824	8½	226	Gel/ligno				0.454/78	0.161/226	0.308/63
Dipmeter											
1	24/11	2838.5-3823	8½	234	Gel/ligno				0.454/78	0.155/234	0.308/63

LITHOLOGIC SYMBOLS

(PROVISIONALLY APPROVED FOR FIELD TESTING)

- CLAY (NONFISSILE) - CLAYSTONE < 03mm
- CLAY (FISSILE) OR SHALE < 03mm
- MUDSTONE
- SILT, COARSE (03-06mm) AND SILTSTONE
- SAND (06-2mm) AND SANDSTONE
- GRANULE BOULDER (> 2mm) AND CONGLOMERATE
- QUARTZ
- FELDSPAR
- LITHIC OR ROCK FRAGMENTS
- PYRITE
- SIDERITE
- CHERT
- COAL
- CARBONACEOUS MATTER
- GLAUCONITE
- PHOSPHATE
- VOLCANIC ASH OR BENTONITE
- MICA
- GYPSUM
- ANHYDRITE
- HALITE
- POTASSIUM OR MAGNESIUM SALTS
- LIMESTONE
- DOLOMITIC LIMESTONE VERY DOLOMITIC
- CALCAREOUS DOLOMITE VERY CALCAREOUS
- DOLOMITE
- MARL

SPECIFY TYPE OF CARBONATE BY ADDING TO BASIC LIMESTONE OR DOLOMITE SYMBOL THE APPROPRIATE ABBREVIATION AS SHOWN BELOW

- M = MICRITIC LIMESTONE
- G = GRAIN LIMESTONE (FOR GENERAL USE)
- S = SKELETAL LIMESTONE (FRAGMENTED AND NONFRAGMENTED)
- P = PELLETAL LIMESTONE
- F = FRAMEBUILDER LIMESTONE
- O = OOLITIC LIMESTONE
- K = CHALK
- D = DETRITAL LIMESTONE
- L = LUMP LIMESTONE
- m = MICROCRYSTALLINE OR MICROGRAINED < 03mm

IGNEOUS ROCKS

- IGNEOUS ROCKS IN GENERAL (WRITE OUT THE NAME WHERE THE SPECIFIC TYPE IS KNOWN)

METAMORPHIC ROCKS

- METAMORPHIC ROCKS IN GENERAL (WRITE OUT THE NAME WHERE THE SPECIFIC TYPE IS KNOWN)

CEMENT PLUG · SEA LEVEL 350' · 13 3/8" 1000 7000 SX · TOP OF CEMENT 2000' · NUMBER OF CORE C-1 · DIP ON CORE 12° · NO CORE RECOVERY · STAGE COLLAR 3000' · PRODUCTION PACKER · TUBING DEPTH 2 7/8" 3550' · OPEN PERFORATIONS 4200'-4300' 2 SPF · TROUGH PERFORATION DST · SWAB OR FLOW TEST · CEMENT RETAINER 4600' · PERFORATIONS SQUEEZED 4200'-4300' 2 JPF · CASING DEPTH 9 5/8" 5000' 300SX · LINER · SLOTTED LINER · FORMATION · FORMATION 5250 (-5000) 280' · 6000' 125 SX · UNCONFORMITY

SHOW OR STAIN · HYDROCARBON CUT · FLUORESCENCE · GAS SHOW · ABOVE SYMBOLS MAY BE COMBINED · DEVIATED OR SIDETRACKED HOLE · OPEN HOLE DST · MISRUN · OPEN HOLE SWAB OR FLOW TEST · WIRE LINE TEST · SWC w/ RECOVERY · SWC w/ NO RECOVERY · SO = SHOT OFF · MF = MISFIRE · PO = PULLED OFF · DB DAMAGED BULLET · SWC WITH SHOW · BLOWOUT OF OIL · BLOWOUT OF GAS · WATER FLOW · LOSS OF DRILLING FLUID AND PERCENTAGE · LOST CIRCULATION COMPLETELY · OEM MUD TYPE WEIGHT & OIL CONTENT 9.2-8% · DEVIATION SURVEY · DIRECTIONAL SURVEY N 50°E · NORMAL FAULT WITH DISPLACEMENT 300' · REVERSE FAULT WITH DISPLACEMENT 300' · DIPMETER SURVEY WITH DIP DIRECTION AND ANGLE 10° Az 225° · LOG RUNS WITH SCALES 10 mV R-1 20 OHMS 1000 MMHOS 15 mV R-2 50 OHMS 2000 MMHOS

OIL PRODUCTION · GAS PRODUCTION · CONDENSATE PRODUCTION · WATER PRODUCTION · INTERPRETED OIL PRODUCTIVE · INTERPRETED GAS PRODUCTIVE · INTERPRETED WATER BEARING · INTERPRETED CONDENSATE PRODUCTION

COUNTRY NORWAY · FIELD or LOCATION WILDCAT · WELL 15/6-5 · COMPANY ESSO EXPRO.

Schlumberger — INDUCTION RESISTIVITY SONIC — ISF SONIC

COMPANY ESSO EXPRO. NORWAY INC. · WELL 15/6-5 · FIELD WILDCAT · COUNTRY NORWAY NORTH SEA · LOCATION 58°30'29.837" N. 1°45'50.703" E.

Other Services: IES, FDC-CNL, HDT, RFT, CST

This Log Made from Digital Tape

GAMMA RAY api units · SPONTANEOUS POTENTIAL millivolts · INTERVAL TRANSIT TIME Δt microseconds per foot · SPHERICALLY FOCUSED RESISTIVITY · DEEP INDUCTION

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