SIMON PETROLEUM TECHNOLOGY

WELL: 6507/7-6

Print: 15536	Units: M F	Top	Bottom	Scale	TD
Length: 23 FT	Initials: JC	455	2525	1:500	2525

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY

COMPLETION LOG

U-524 COMPLETION-Ø G

CONOCO NORWAY INC.

STATOIL/ARCO/TENNECO WELL: 6507/7-6

COMPOSITE WELL LOG

LOCATION :

Latitude : 65° 21' 30.03" N

Longitude : 07° 19' 10.34" E

ELEVATIONS :

K B Mean Sea Level : 25m

K B Sea Floor : 375m

Water Depth : 350m

Total Depth : 2525.0m RKB

Country : NORWAY

Area : HALTENBANKEN

Licence : PL 095

Field : HEIDRUN

Date Spudded : 23rd JULY 1986

T D Date : 16th AUGUST 1986

Date Completed : 6th SEPTEMBER 1986

Completion Status : P & A OIL AND GAS WELL

- 6 MARS 1987
REGISTRERT
OLJEDIREKTORATET

LOCATION PLAT 1:500000

7°E
65°30' N
6507/7
6507/8
6507/10
6507/11
5A 6 5 2 4 3 1
0 10 15 MILES
0 10 20 30 KILOMETRES

CONOCO GEOLOGISTS

OPERATIONS GEOLOGIST: Thorbjørn Pedersen

WELLSITE GEOLOGISTS: Atle Andresen, Arild Skjervøy, Ian Barron, Carl F. Gyllenhammar

CONOCO ENGINEERS

SUPERVISING DRILLING ENGINEER: Paul Heard

DRILLING SUPERVISORS: Gary Motl, Dale Hejnal

ASST. DRILLING SUPERVISORS: Mick Page, Steve Lewis

MUDLOG SERVICE

EXPLORATION LOGGING

DRILLING CONTRACTORS & RIG

NORCHEM DRILLING A/S

SCHLUMBERGER LOGS

TYPE	RUN No.	INTERVAL	TEMP. °C / °F	HOURS SINCE CIRC.
DLL/MSFL/GR	1	2079.0-2521.5	57.2/135	6.55
LDL/CNL/NGL	1	2079.0-2525.0	60.0/140	10.20
DIL/SLS/GR/SP	1	2079.0-2524.0	61.1/142	14.50
SHDT	1	2079.0-2524.0	63.3/146	19.45
RFT-HP & Straingauge	1	2149.0-2504.0	70.6/159	28.40
CBL/VDL/GR/CCL	1	496.0-2045.5	61.1/142	31.45
CBL/VDL/GR/CCL	2	1700.0-2478.0	60.0/140	5.45
VSP (SAT)		1800.0-2475.0		

ALL DEPTHS IN mRKB

PLUG No	CEMENT	INTERVAL & PURPOSE
1	50 Sx "G"	CIR at 2402m 2411.5 - 2415.5m 2121.0 - 2424.0m SQUEEZE DST # 1 PERFORATIONS
2	100 Sx "G"	CIR at 2340m 2348 - 2365m SQUEEZE DST # 2 PERF.
3	230 Sx "G"	400-600m Balance plug in 9⅝" CSG
4	175 Sx "G"	375-384m Filled Seabed Crater
5	840 Sx "G"	375-405m Filled Seabed Crater from lost surface hole.

MUD TYPE	INTERVAL
SEAWATER WITH PREHYDRATED GEL	SEAFLOOR - 1030m
KCL / POLYMER	1030m - 2525m

BIT SIZE	INTERVAL
26" with 36" Hole Opener	SEAFLOOR - 474m
17½" Pilot/26" Hole Opener	474m - 1030m
17½"	1030m - 2087m
12¼"	2087m - 2525m

CASING

SIZE	SHOE	TYPE & CEMENT
30"	473	310 ppf, X-52 Lead: 640 Sx Class "G" Tail: 390 Sx Class "G"
20"	1024	310 ppf, X-56 Lead: 2800 Sx Class "G" Tail: 1000 Sx Class "G"
13⅜"	2080	72 ppf, N-80 Lead: 1515 Sx Class "G" Tail: 650 Sx Class "G"
9⅝"	2510	53.3 ppf, P-110 Lead: 88 Sx Class "G" Tail. 625 Sx Class "G"

WELLSITE CORE DATA

No.	INTERVAL	CUT (m)	REC (m)	%	LOG COR (m)
1	2129.0-2157.0	28.0	27.65	98.9	+1.6 - +1.8
2	2157.0-2185.0	28.0	27.74	99.0	+1.3
3	2305.0-2315.0	10.0	1.64	16.4	+0.8
4	2315.0-2344.0	29.0	26.90	92.8	+1.5 - +3.1
5	2344.0-2364.5	20.5	19.28	94.0	+1.7 - +1.5
6	2364.5-2392.5	28.0	25.92	92.6	+2.5 - +3.1
7	2392.5-2405.0	12.5	12.15	97.2	+1.0
8	2405.0-2424.0	19.0	14.84	78.0	+1.0 - +3.3
9	2424.0-2442.0	18.0	17.00	94.4	+1.8
10	2442.0-2462.0	20.0	18.33	91.7	+1.2 - +2.8

ALL DEPTHS IN mRKB

TESTING

No.	INTERVAL	RATE BOPD	GOR SCF/BBL	CHOKE	°API
1	2411.5-2415.5 2421.0-2424.0	4922	381	1.414"	22.5
2	2348.5-2365.0	4540	648*	2.000"	26.3

* Not representative of majority of the test, 490 SCF/BBL

AUTHORS:	APPROVED:
CARL F. GYLLENHAMMAR	
DRAFTED:	**DATE:**
H. LAWRENCE (EXLOG)	

REMARKS:

MWD LOGS RUN FROM 473m TO T.D.

WIRELINE LOGS (EXCEPT CBL/VDL/GR/CCL) RUN FROM 2079m TO T.D.

MAIN LITHOLOGICAL SYMBOLS

SHALE CLAYSTONE CLAY MUDSTONE; HALITE; SILTSTONE SILT; POLYHALITE; SANDSTONE SAND; CARNALLITE; CONGLOMERATE LOOSE PEBBLES; LANGBEINITE; BRECCIA; SYLVITE; COAL LIGNITE ETC; POTASSIUM SALTS (UNDIFFERENTIATED)

SECONDARY LITHOLOGICAL SYMBOLS

ARGILLACEOUS; PYRITIC; ARENACEOUS; IRONSTONE; RUDACEOUS; MICACEOUS; CARBONACEOUS; BITUMEN; CALCAREOUS; PELLETS; DOLOMITIC; OOLITHS

SYMBOLS FOR USE IN CARBONATE PROVINCES

MICRITIC LIMESTONE; ONCOLITHS GRAPESTONES; SPARITIC LIMESTONE; STROMATOLITHS; LIME MUDSTONE; LITHOCLASTS INTRACLASTS; WACKESTONE; MEDIUM COARSE; RECRYSTALLISED CARBONATES; PACKSTONE; FINE; GRAINSTONE

TD 2525.0m RKB

DST #1

DST #2A

CORE CHIP DESCRIPTION (NON SHIFTED DEPTHS)