

DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm3 /d	GAS M Sm3 /d	OIL GRAV. g/cm3	GAS GRAV. rel. air	GOR m3/m3	FSIP	WHP
			1	2092 - 2097	9.50	6.0*	251.1		
		12.70	16.4*	346.2	0.778*	0.679	26119		1989
		17.5	17.5*	470.4	0.778*	0.679	26880		1512

* = CONDENSAT

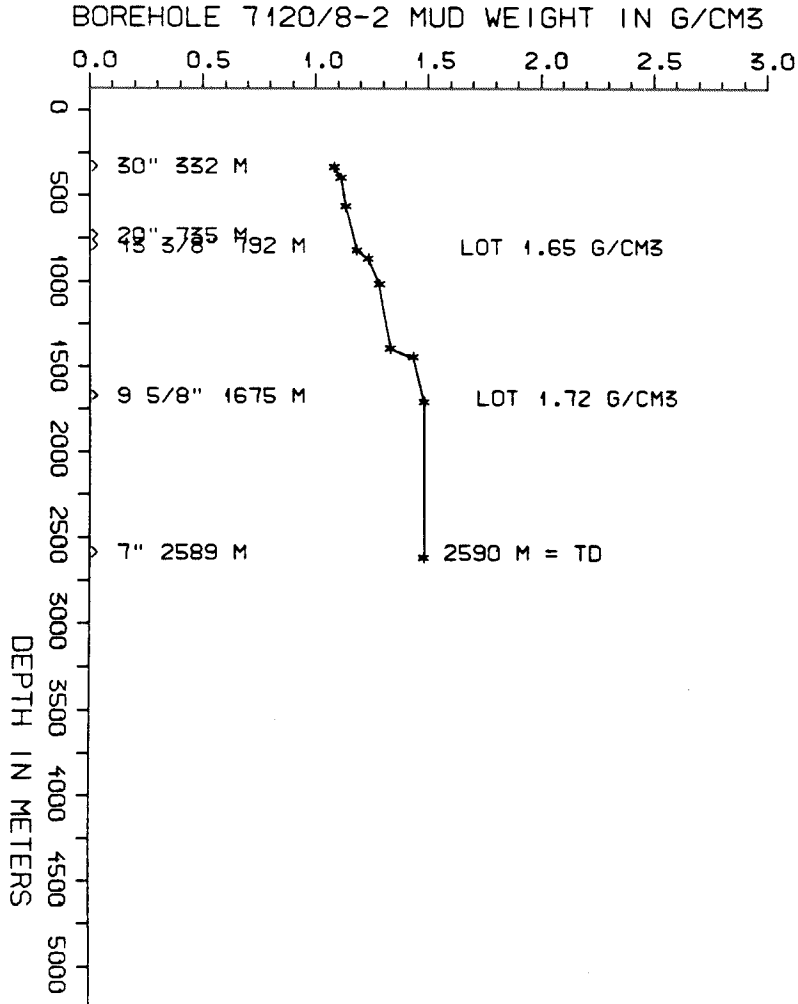
AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
GR	240 - 332	x	x
ISF BHC GR	332 - 750	x	x
ISF BHC	735 - 790	x	x
ISF BHC	792 - 1685	x	x
ISF BHC	1678 - 2219	x	x
ISF BHC	2050 - 2592	x	x
LDL	792 - 1786	x	x
LDL CNL	1678 - 2220	x	x
LDL CNL	2050 - 2592	x	x
DLL MSFL	2050 - 2217	x	x
CDM	332 - 752	x	
CDM	792 - 1684	x	
CDM	1677 - 2592	x	
CDM AP/CYBERDIP	332 - 752	x	x
CDM AP	793 - 1682	x	x
CDM AP	1661 - 2598	x	x
RFT (TEST 1-9 + 2 SEG SAMPLES)		x	
BGT	530 - 772	x	x
NGT SPECTOMETRY	1678 - 2216	x	x
CBL VDL	270 - 768	x	
CBL	2050 - 2592	x	
MUD	333 - 2590		x
VELOCIYT	332 - 2590		x

(Geogram Synth. Seismo., n/r pol., Oct-82 1stk)
 (Geogram Synthetic Seismogram, n/r pol.,
 Sep-84, 10 cm/s, 2stk)
 (VSP, n/r pol., Jul-82, stacked data, 1stk)
 (Seismic log, rev. pol., Jul-82, raw data, 1stk)

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm ³	FUNNEL VISC. sec	FILTRATE LOSS cm ³
294	1.05	100	
333	1.08	50	
495	1.10	47	
750	1.15	40	
800	1.20	48	
950	1.25	48	
1325	1.30	44	
1375	1.40	44	
1640	1.45	46	
2550	1.45	50	

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	333 - 2590	500
WET SAMPLES	330 - 2588	732

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE



WELL HISTORY - 7120/8-2

GENERAL :

The primary objective of the wildcat 7120/8-2 was to test possible hydrocarbon accumulations in sandstones of Middle to Early Jurassic age. Gas was encountered in sandstones of Jurassic age.

OPERATIONS :

"Nordraug" spudded the well 15.04.82. The drilling of the 36" and 26" hole went forth without any problems. When performing leak off tests below the 20" casing one detected a leak in this casing. It was now decided to use the 13 3/8" casing as a 20" and use a 7" liner to TD. When drilling the 12 1/4" hole one observed an obstruction at 556-560 m. This was due to a partly collapsed casing in this area. The 9 5/8" casing was set at 1675 m. 5 days were then spent on resolving problems with the BOP. 8 cores were taken in the 8 1/2" section. The string got stuck when reaming the cored section. A total of 6 days were spent on resolving this problem.

TESTING :

One DST was carried out on this well. The test flowed gas with small amounts of condensate. Sand production was not observed and water production was limited to mud filtrate and water associated with the gas. The well was initially flowed for 840 min. before being shut in for 1350 min. The well was then opened for a multi-rate flow which lasted 900 min. before being shut in for 300 min. Two RFT runs were also performed. Two segregated samples were taken during these runs.

GEOLOGICAL TOPS

WELL: 7120/8-2

	<i>Depth m (RKB)</i>
<i>Quaternay</i>	<i>270 m</i>
<i>Tertiary</i>	<i>520 m</i>
<i>Cretaceous</i>	<i>869 m</i>
<i>Jurrassic</i>	<i>1998 m</i>
<i>Triassic</i>	<i>2400 m</i>
	<u><i>TD = 2590 m</i></u>