

BOREHOLE VOLUME LOG

Wireline Technologie

N.E.B. COPY



Date		11-MAR-2004		Province		NORTHWEST TERRITORIES	
Run No.		ONE		Field		NETLA	
Bot. Driller		1969.0 m		Well		ANADARKO EMILE LAKE A-77	
Bot. Logger		1969.4 m		Company		ANADARKO CANADA CORPORATION	
First Reading		1953.7 m		Field		NETLA	
Last Reading		647.6 m		Province		NORTHWEST TERRITORIES	
Meters Meas.		1306.1 m		Well		ANADARKO EMILE LAKE A-77	
CS9. Driller		648.0 m		Field		NETLA	
CS9. Logger		647.6 m		Province		NORTHWEST TERRITORIES	
Bit Size		245.9 mm		Well		ANADARKO EMILE LAKE A-77	
Fluid Type		INVERT		Field		NETLA	
Dens.		950		Province		NORTHWEST TERRITORIES	
Visc.		54		Well		ANADARKO EMILE LAKE A-77	
PH		N/A		Field		NETLA	
Fluid Loss		N/A		Province		NORTHWEST TERRITORIES	
Sample Source		FLO/LINE		Well		ANADARKO EMILE LAKE A-77	
RM		N/A		Field		NETLA	
RMf		N/A		Province		NORTHWEST TERRITORIES	
RMC		N/A		Well		ANADARKO EMILE LAKE A-77	
RM 3 SHt		N/A		Field		NETLA	
Max Rec. Temp		30		Province		NORTHWEST TERRITORIES	
Spacing		N/A		Well		ANADARKO EMILE LAKE A-77	
Operating Time		5.0 HRS		Field		NETLA	
Unit #		387		Province		NORTHWEST TERRITORIES	
Location		GRANDE PRAIRIE		Well		ANADARKO EMILE LAKE A-77	
Recorded By		S. MAXWELL		Field		NETLA	
Checked By		H. COWAN		Province		NORTHWEST TERRITORIES	
Other Services:		ST/UGR		Well		ANADARKO EMILE LAKE A-77	
HRC/UGR/CAL		ELEV. K.B. 630.80 m		Field		NETLA	
G.L. 624.70 m		G.L. 624.70 m		Province		NORTHWEST TERRITORIES	
CBF		-----		Well		ANADARKO EMILE LAKE A-77	

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS	Rig: AKITA 37	Service Order # 30017937
Drilling Stopped <u>12:45/11</u> Circulation Stopped <u>16:30/11</u> Tool on Bottom <u>01:30/12</u> BHT <u>74</u> °C -STI/HBC/SPD/CNT/UGR/CAL LOGGED IN COMBINATION.		

Prints: 2

CHANGES IN MUD TYPE OR NEW SAMPLE				SCALE CHANGES			
Date	Sample No.			Type Log	Interval	Scale	
Depth - Driller							
Type Fluid in Hole							
Dens.	Visc.						
pH	Water Loss						
Source of Sample				EQUIPMENT DATA			
Rm @ Meas. Temp.		@	°C	Run No.	Tool Type	Tool No.	Other
Rmf @ Meas. Temp.		@	°C	ONE	SPED	209209	2068-GW
Rmc @ Meas. Temp.		@	°C		CNT	203	6036-NE
Source Rmf	Rmc				UGR	211	RA-20S-335
Rm @ BHT		@	°C		CAL	169	Y-AXIS
Rmf @ BHT		@	°C				
Rmc @ BHT		@	°C				

DEPTH SCALE: 1:600

VERSION: 31027109D

MAIN PASS

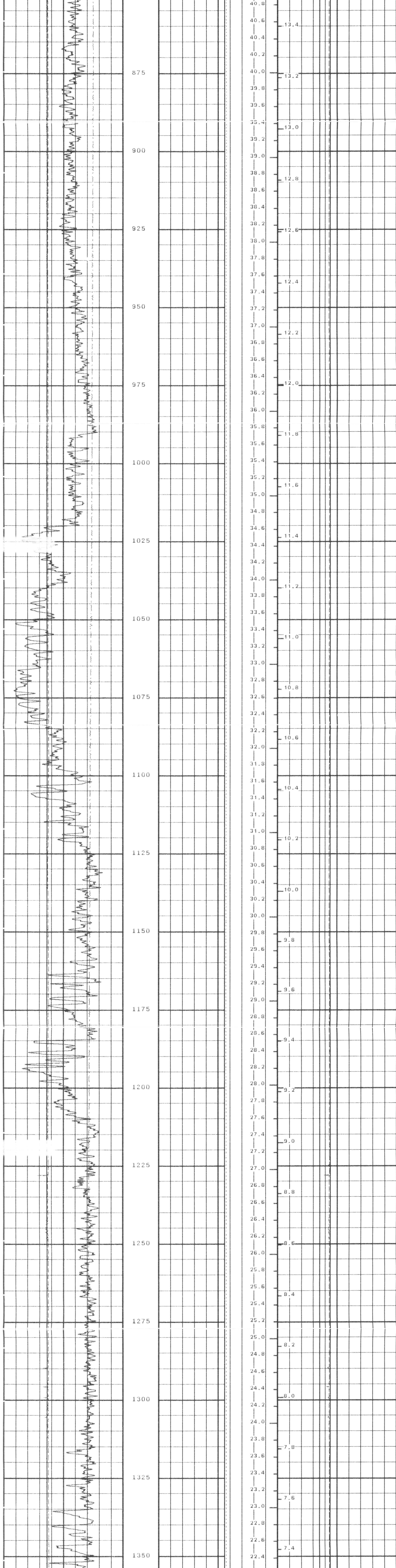
30017937 STIMP1

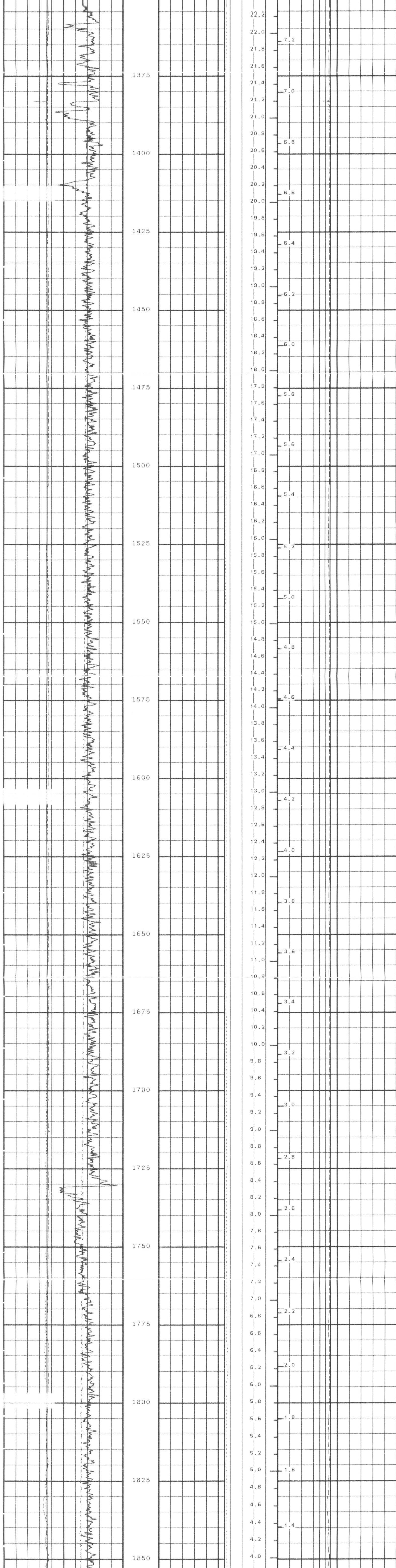
BHV CASING SIZE: 177.30 Millimeters CALIPERS: CAL1,CAL2,None

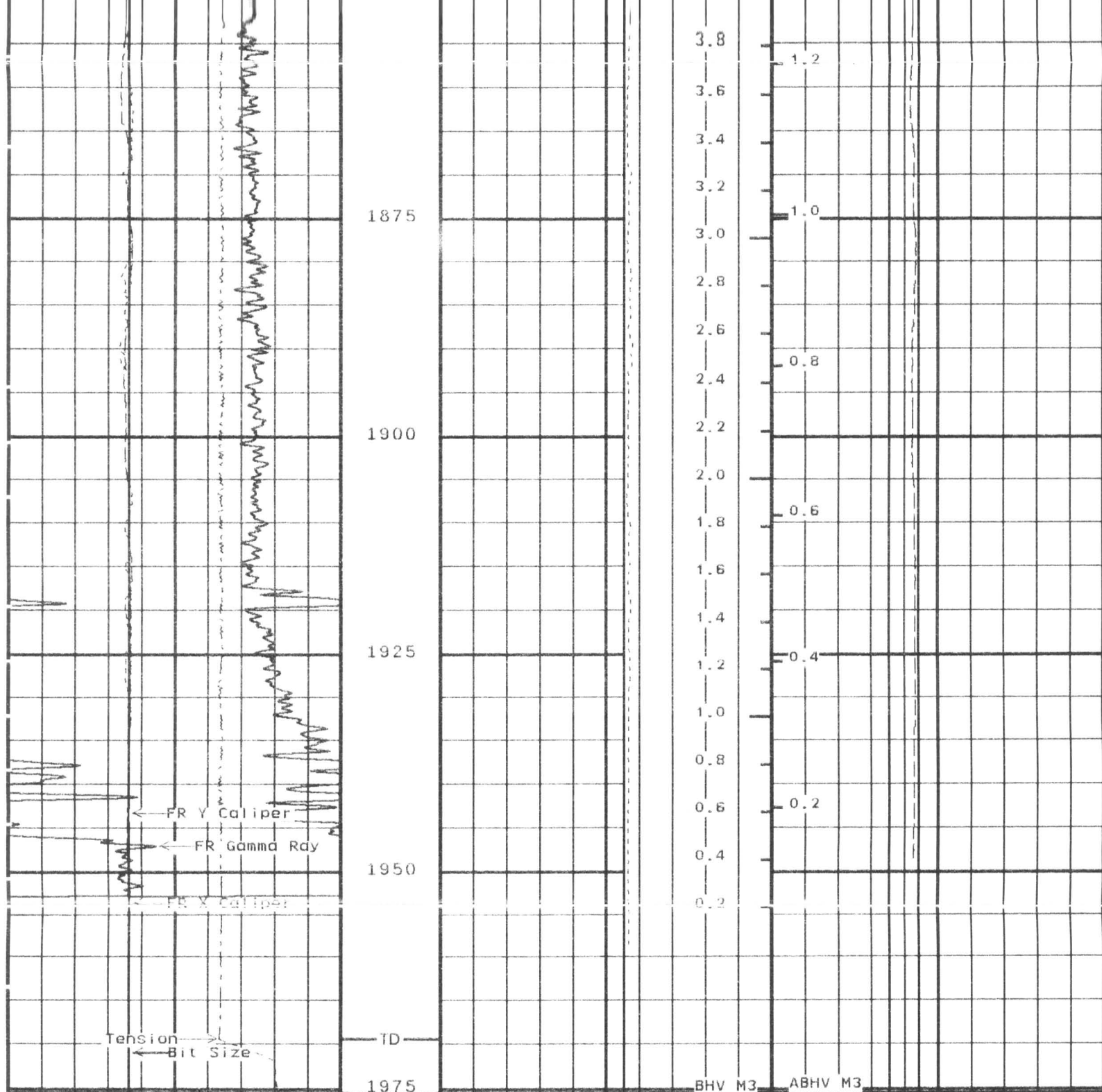
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension			X Caliper Radius			Y Caliper Radius		
10000	Pounds	0	250	Millimeters	0	0	Millimeters	250
Y Caliper								
125	Millimeters	375						
Gamma Ray								
0	API	150						
X Caliper								
125	Millimeters	375						

Depth (feet)	Tension (Pounds)	X Caliper Radius (Millimeters)	Y Caliper Radius (Millimeters)
650	~10000	~250	~250
675	~10000	~250	~250
700	~10000	~250	~250
725	~10000	~250	~250
750	~10000	~250	~250
775	~10000	~250	~250
800	~10000	~250	~250
825	~10000	~250	~250
850	~10000	~250	~250







X Caliper			X Caliper Radius			Y Caliper Radius		
125	Millimeters	375	250	Millimeters	00	Millimeters	250	
Gamma Ray								
0	API	150						
Y Caliper								
125	Millimeters	375						
Tension								
10000	Pounds	0						

START DEPTH: 1975.6 DIRECTION: UP DATE: 03/12/2004 TIME: 03:29 MODE: TRACE PLAYBACK
BHVS CASING SIZE: 177.30 Millimeters CALIPERS: CAL1,CAL2,None
30017937 STIMP1

MAIN PASS

DEPTH SCALE: 1:600 VERSION: 31027109D

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1969.40	Meters
BS	Bit Size	215.9	Millimeters
BHT	Bottom Hole Temp	80.0	DegreesCentigrade
BHC6	BHV Method	Standard BHV	
BHC5	BHV Calipers	CAL1,CAL2,None	

COMPANY	ANADARKO CANADA CORPORATION	PRECISION Wireline Technologies
WELL	ANADARKO EMILE LAKE A-77	
FIELD	NETLA PROVINCE N.W.T.	