



MICRO-RESISTIVITY LOG

NEB COPY

True Vertical Depth

PROVINCE	NORTHWEST TERRITORIES
FIELD	CAMERON HILLS
WELL	PARA ET AL CAMERON 2M-73
COMPANY	PARAMOUNT RESOURCES LTD.
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WELL	PARA ET AL CAMERON 2M-73
FIELD	CAMERON HILLS
PROVINCE	NORTHWEST TERRITORIES
LOCATION	M-73
LICENCE	2026
Perm. Datum	GROUND LEVEL Elev. 771.80 m
Log measured from	KB, 4.25 m above Permanent Datum.
Other Services:	SPED CNT/UGR/DAC
STI UGR	HBC/UGR
ELEV. K.S.	776.05 m
G.L.	771.80 m
CGF	-----

Date	26-MAR-2005
Run No.	ONE
First Reading	1502.5 m
Last Reading	1400.0 m
Meters Meas.	102.5 m
Depth Reached	1521.8 m
Bot. Driller	1522.0 m
CS9. Logger	428.5 m
CS9. Driller	429.0 m
Fluid Type	GEL CHEMICAL
Dens. Visc.	1130 74
Mud PH	11.0
Mud Water Loss	8.0
Mud Res.	0.17 °C
Mud Res. @ BHT	0.3 °C
Rmf	0.3 °C
Rmc	0.3 °C
Rmf @ BHT	0.3 °C
Rmc @ BHT	0.3 °C
Bit Size	200.0 mm
Spec. In	N/A
Operating T	5.5 HSS
Unit #	349
Location	GRANDE PRAIRIE OH
Recorded By	K. POSTON
Witnessed	-----

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: PD #247	Service Order # 4111419			
Drilling Stopped 09:30/ 26 Circulation Stopped 21:30/ 26 Tool on Bottom 02:45/ 27 BHT 58 °C					
- STI-SP/SPED/CNT/UGR/MRT/HBC/DAC LOGGED IN COMBINATION					
- MAXIMUM DEVIATION OF 27.4° @ 915m, WITH A KICKOFF OF 470m					
- CALIPERS HAD TO BE CLOSED BRIEFLY ON THE MAIN PASS FOR 1.5m @ 1516m Prints: 1					
- ORINETATION WAS DIFFICULT TO MAINTAIN THROUGH THE DEVIATED HOLE, SEVERAL PASSES WERE ATTEMPTED TO CORRECT					
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	MRT-BA	128-128	
Rmc @ Meas. Temp.	°C		UGR-JB	191	RA-205-075
Source Rmf	Rmc		CAL-FA	131	Y-AXIS
Rm @ BHT	°C				
Rmf @ BHT	°C				
Rmc @ BHT	°C				

REMARKS

MAIN PASS
1:240 SCALE
TRUE VERTICAL DEPTH
TD-1336m

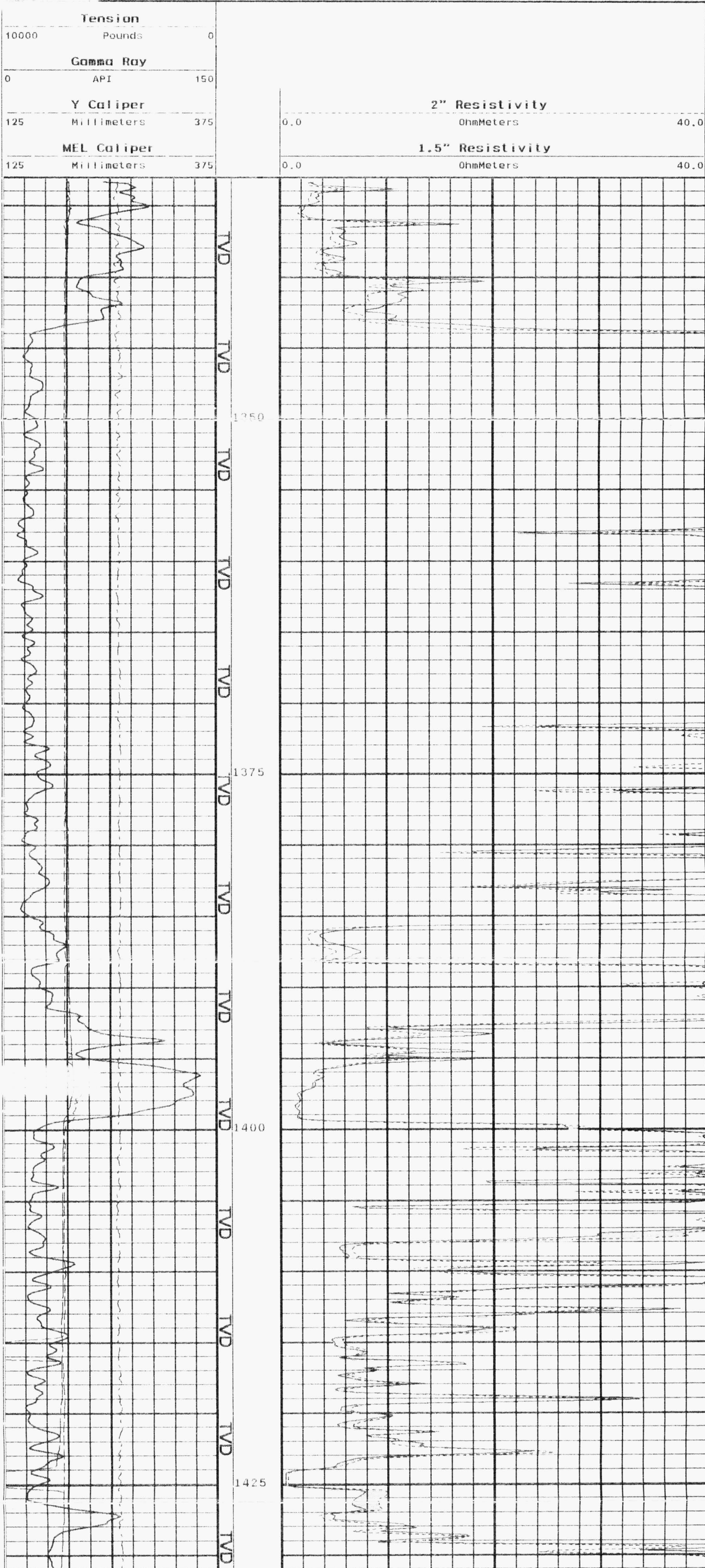
DEPTH SCALE: 1:240

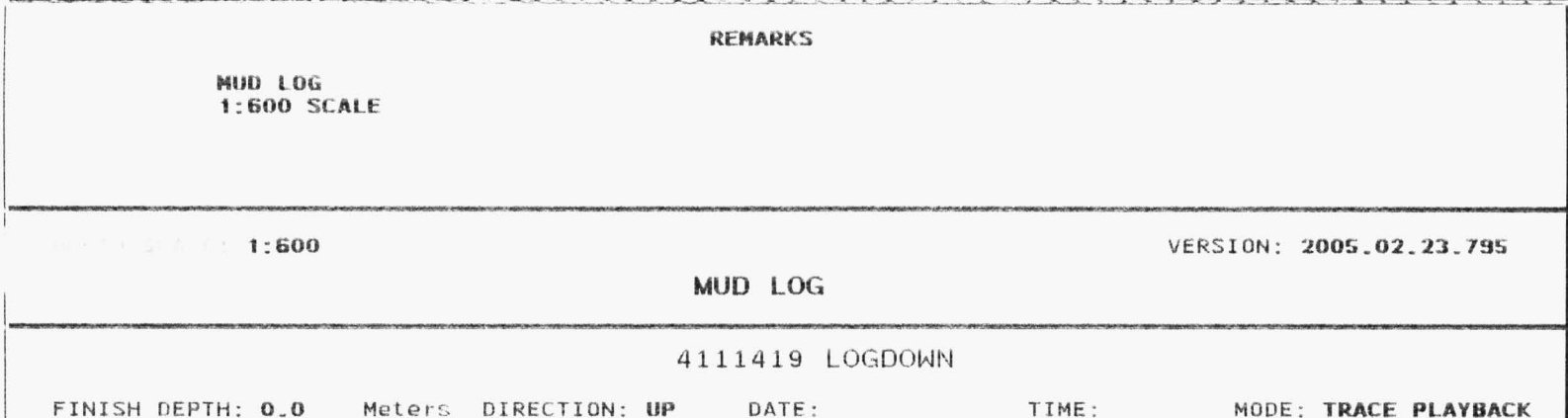
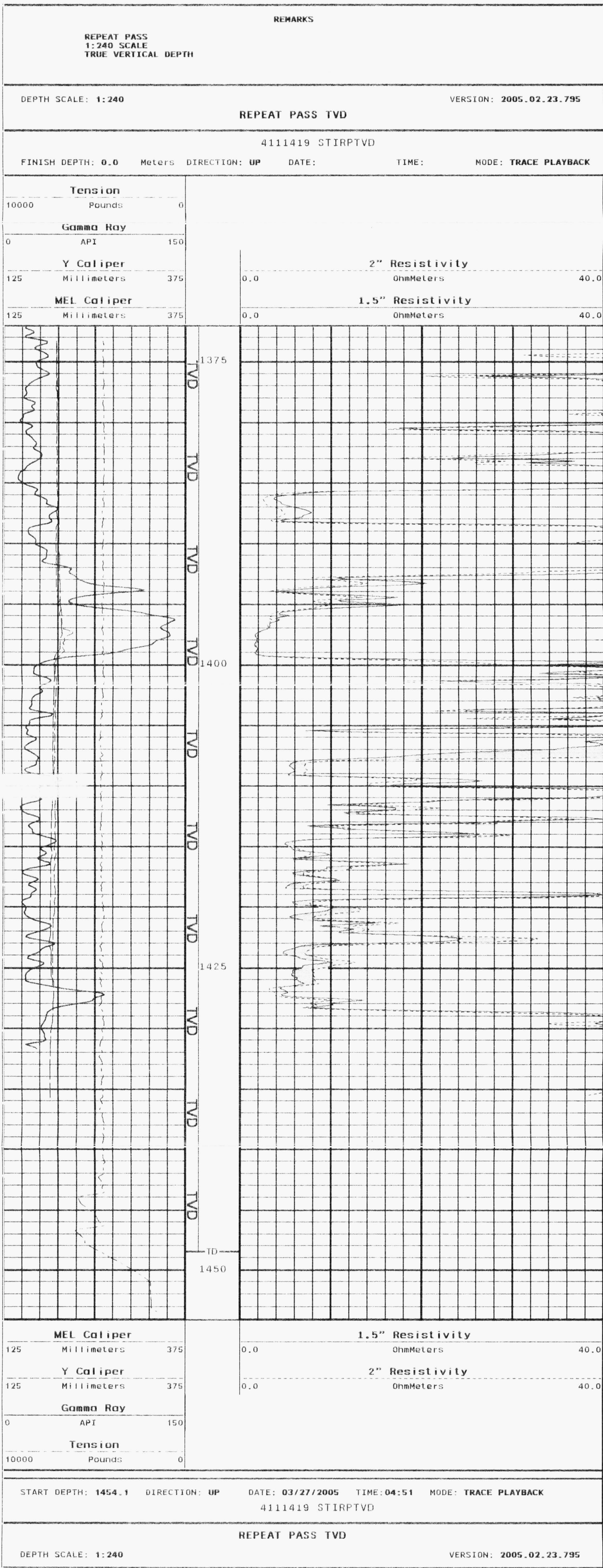
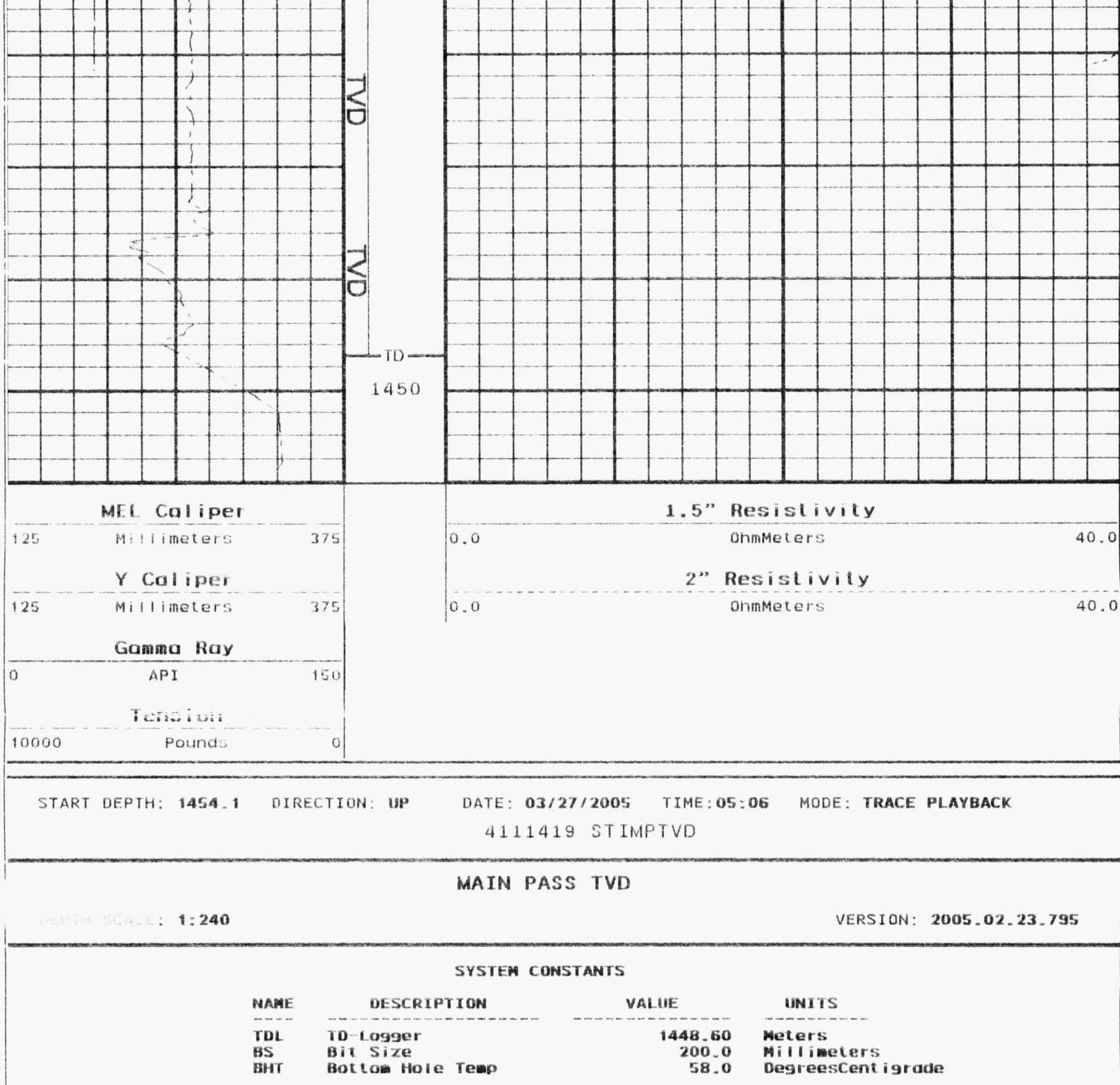
VERSION: 2005.02.23.795

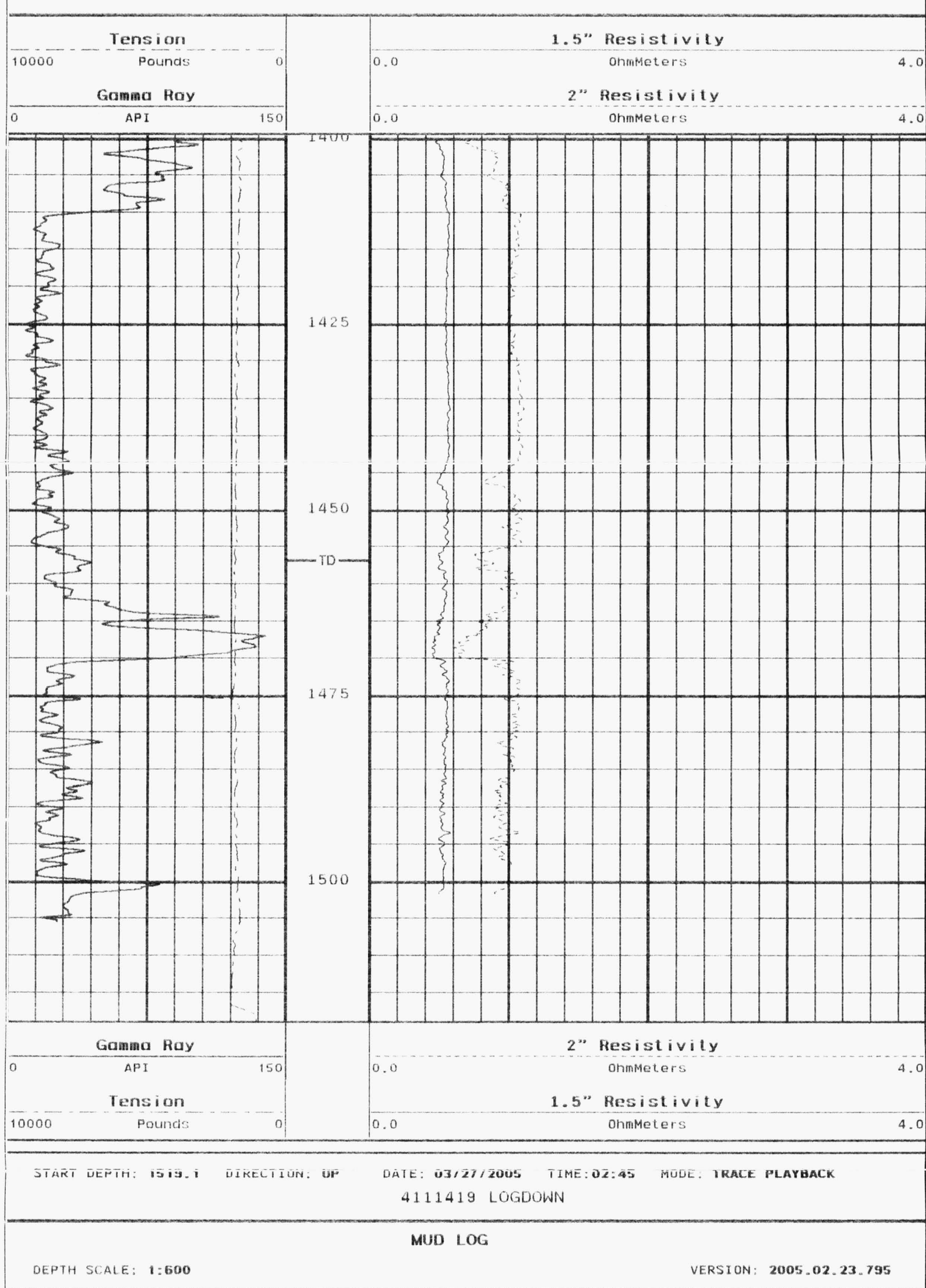
MAIN PASS TVD

4111419 STIMPTVD

H: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK







TVD CALCULATION SUMMARY

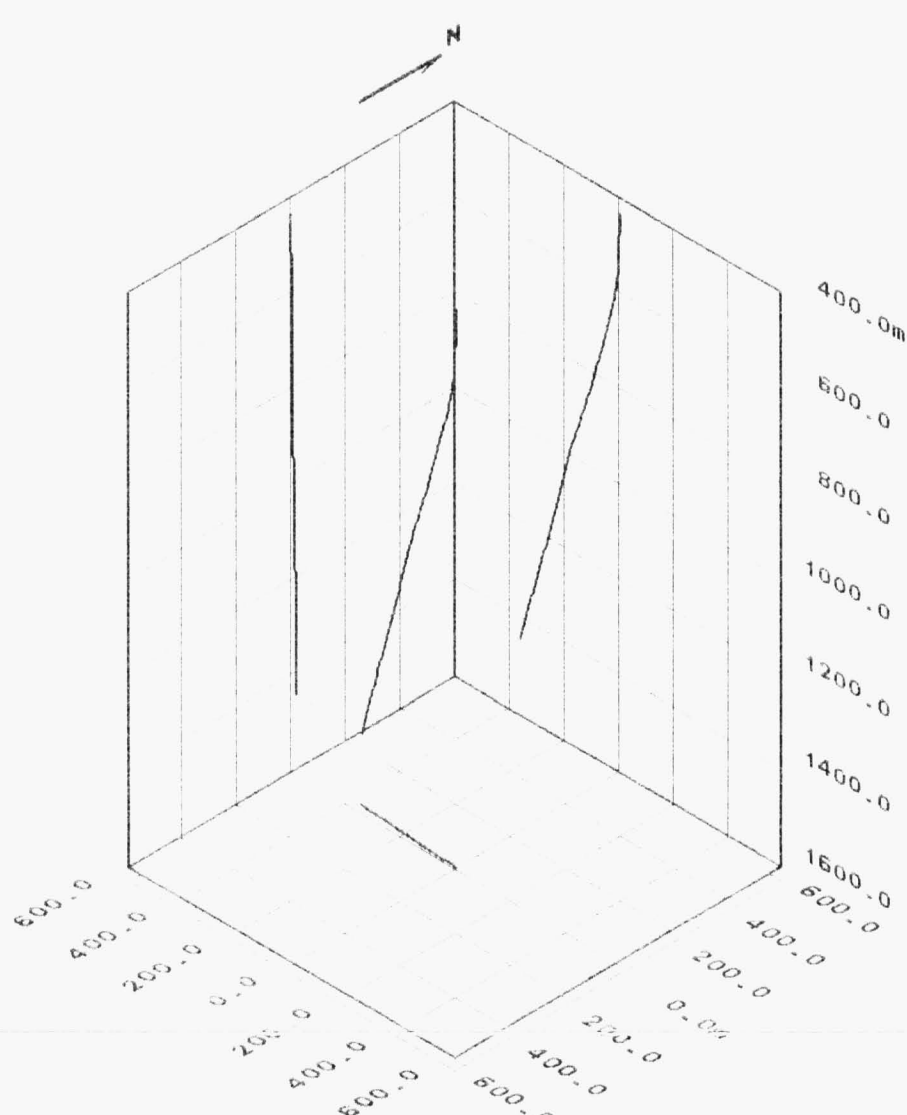
CALCULATION METHOD : Minimum Curvature VERSION : 1.0
TVD DATA FILE : /u/os9-port/cs400/8000/4111419/tvd.tvdb
COMPANY : PARAMOUNT RESOURCES LTD.
WELL : PARA ET AL CAMERON 2M-73
LOCATION : M-73
DATE : 26-MAR-2005

DRILLED DEPTH : 1522.00 m
TRUE VERTICAL DEPTH : 1448.82 m
BOTTOM HOLE DISPLACEMENT : N 21.57 m W 369.23 m
TARGET DISPLACEMENT : N 0.00 m E 0.00 m

STATION NUMBER	MEASURED DEPTH (M)	INCLINATION ANGLE (DD)	AZIMUTH (DD)	VERTICAL DEPTH (M)	NORTH +ve (M)	EAST +ve (M)
TIE	0.00	0.00	0.00	0.00	0.00	0.00
1	435.44	1.13	72.93	435.41	1.26	4.10
2	445.04	1.00	75.31	445.01	1.31	4.28
3	454.70	0.56	29.81	454.67	1.37	4.38
4	464.11	1.56	313.56	464.08	1.50	4.31
5	473.64	3.31	302.56	473.60	1.74	3.99
6	483.32	4.75	294.18	483.25	2.05	3.38
7	492.68	5.94	293.31	492.57	2.40	2.59
8	502.48	6.88	295.31	502.31	2.85	1.59
9	512.19	7.69	295.06	511.94	3.38	0.48
10	521.60	8.31	290.06	521.26	3.88	-0.73
11	531.35	9.00	281.56	530.90	4.27	-2.14
12	541.02	10.25	276.81	540.44	4.53	-3.74
13	550.70	12.00	276.56	549.93	4.74	-5.59
14	560.41	13.31	276.68	559.41	4.99	-7.71
15	570.08	13.75	276.18	568.81	5.24	-9.95
16	579.68	13.88	275.06	578.13	5.47	-12.24
17	589.08	13.81	273.68	587.26	5.64	-14.48
18	598.74	13.81	271.81	596.64	5.75	-16.78
19	608.43	14.13	269.68	606.04	5.78	-19.12
20	617.91	14.69	268.06	615.22	5.73	-21.48
21	627.56	15.25	265.93	624.55	5.60	-23.97
22	637.29	16.13	264.06	633.91	5.37	-26.59
23	646.89	17.44	263.93	643.11	5.08	-29.35
24	656.34	19.06	264.81	652.08	4.79	-32.29
25	665.94	20.38	266.06	661.12	4.53	-35.52
26	675.59	21.19	268.06	670.14	4.36	-38.94
27	684.84	22.06	269.18	678.74	4.28	-42.35
28	694.31	22.50	269.81	687.50	4.24	-45.94
29	704.05	22.38	269.81	696.50	4.23	-49.65
30	713.59	22.44	270.56	705.32	4.24	-53.29
31	723.21	22.50	270.93	714.21	4.29	-56.97
32	732.84	22.63	271.18	723.10	4.36	-60.66
33	742.50	22.44	272.43	732.03	4.48	-64.36
34	752.10	22.75	274.56	740.89	4.70	-68.04
35	761.62	23.31	275.81	749.65	5.04	-71.75
36	771.28	23.81	275.93	758.51	5.43	-75.59
37	780.89	23.69	275.68	767.30	5.83	-79.44
38	790.50	23.06	274.81	776.12	6.17	-83.24
39	800.23	22.31	273.56	785.10	6.45	-86.98
40	809.87	22.00	271.81	794.03	6.62	-90.61
41	819.46	22.25	271.31	802.91	6.72	-94.22
42	829.16	22.69	271.18	811.88	6.80	-97.93
43	838.92	22.56	270.81	820.89	6.86	-101.68
44	848.43	22.63	271.18	829.67	6.93	-105.34
45	858.01	23.94	271.68	838.47	7.02	-109.12
46	867.54	25.06	272.06	847.14	7.15	-113.07
47	877.09	26.00	272.43	855.75	7.31	-117.19
48	886.58	25.88	272.06	864.29	7.48	-121.33
49	896.24	25.81	271.18	872.98	7.59	-125.54
50	905.87	26.31	272.18	881.63	7.72	-129.77
51	915.60	27.38	273.31	890.31	7.93	-134.16
52	925.24	27.13	274.81	898.88	8.24	-138.56
53	934.85	26.81	275.06	907.45	8.62	-142.91
54	944.63	26.38	275.31	916.19	9.01	-147.27
55	953.91	26.06	275.43	924.52	9.40	-151.35
56	963.55	25.81	275.43	933.19	9.80	-155.55
57	973.18	25.38	274.68	941.87	10.16	-159.69
58	982.90	25.00	273.06	950.67	10.44	-163.82
59	992.54	24.88	272.06	959.41	10.62	-167.88
60	1002.19	24.69	271.81	968.17	10.76	-171.92
61	1021.59	23.63	271.81	985.87	11.01	-179.86
62	1031.24	23.06	271.43	994.73	11.12	-183.68
63	1040.86	22.69	271.93	1003.60	11.23	-187.42
64	1050.51	22.44	273.43	1012.51	11.40	-191.12
65	1060.18	22.50	275.56	1021.44	11.69	-194.80
66	1069.80	22.94	276.43	1030.32	12.08	-198.49
67	1079.44	22.19	276.18	1039.22	12.49	-202.17
68	1089.07	21.19	274.56	1048.17	12.82	-205.71
69	1098.79	20.63	273.31	1057.25	13.06	-209.18
70	1108.45	20.19	273.18	1066.30	13.25	-212.54
71	1117.65	19.88	273.93	1074.94	13.44	-215.68
72	1127.32	19.81	274.93	1084.04	13.70	-218.96
73	1136.83	19.88	275.43	1092.98	13.99	-222.17
74	1146.42	20.38	275.68	1101.99	14.31	-225.46
75	1156.05	21.25	275.68	1110.99	14.65	-228.86
76	1165.73	22.44	274.18	1119.97	14.96	-232.45
77	1175.36	22.63	273.56	1128.87	15.20	-236.13
78	1185.05	22.25	273.56	1137.83	15.43	-239.82
79	1194.72	22.50	274.43	1146.77	15.69	-243.50
80	1204.32	22.56	274.43	1155.63	15.95	-247.16
81	1213.93	22.00	275.18	1164.53	16.28	-250.79
82	1223.65	22.50	276.68	1173.52	16.66	-254.46
83	1233.25	22.50	277.43	1182.39	17.11	-258.10
84	1242.89	21.88	276.68	1191.32	17.56	-261.71
85	1252.67	22.56	275.18	1200.37	17.94	-265.39
86	1261.97	23.25	273.18	1208.94	18.20	-269.00
87	1271.56	24.00	271.18	1217.73	18.35	-272.84
88	1281.22	23.94	269.68	1226.55	18.38	-276.77
89	1290.81	23.50	269.56	1235.33	18.35	-280.62
90	1300.51	22.94	269.43	1244.25	18.32	-284.45
91	1310.31	22.81	270.81	1253.28	18.33	-288.26
92	1319.93	22.81	272.68	1262.14	18.44	-291.98
93	1329.74	22.88	273.81	1271.18	18.66	-295.79
94	1339.40	23.31	274.81	1280.07	18.94	-299.57
95	1349.13	23.13	274.18	1289.01	19.24	-303.39
96	1358.78	22.44	273.81	1297.91	19.50	-307.12

97	1368.41	22.00	273.56	1306.82	19.74	-310.75
98	1378.07	21.94	273.06	1315.78	19.95	-314.36
99	1387.71	22.44	272.93	1324.71	20.14	-318.00
100	1397.23	22.81	273.06	1333.50	20.33	-321.65
101	1406.83	23.06	273.18	1342.34	20.53	-325.39
102	1416.46	22.94	272.43	1351.20	20.71	-329.15
103	1426.13	22.94	272.31	1360.11	20.87	-332.91
104	1435.74	22.81	272.43	1368.96	21.03	-336.64
105	1445.41	22.56	272.43	1377.88	21.18	-340.37
106	1455.18	22.38	272.31	1386.91	21.34	-344.10
107	1464.46	22.13	270.93	1395.50	21.44	-347.61
108	1474.16	22.06	270.81	1404.49	21.49	-351.26
109	1483.95	22.19	270.43	1413.56	21.53	-354.95
110	1502.00	22.00	270.06	1430.28	21.56	-361.74
111	1522.00	22.00	270.06	1448.82	21.57	-369.23

TVD - 3D PLOT



Company	-	PARAMOUNT RESOURCES LTD.	Drilled Depth	-	1522.00
Well	-	PARA ET AL CAMERON 2M-73	True Vertical Depth	-	1448.82
Location	-	M-73	Bottom Hole Displacement	-	N 21.57 m W 369.23 m
Date	-	26-MAR-2005	Target Displacement	-	N 0.00 m E 0.00 m

03/26/05 22:51 0.0 M Ver 50223795 Job 4111419

Caliper Before Survey Calibration

Tool Type: CAL-FA Serial No:CALF131

	Measured		Units	Calibrated		Units
	Small	Large		Small	Large	
MCL0	671.5	1513.4	mm	177.8	355.6	mm

03/27/05 02:02 120.0 M Ver 50223795 Job 4111419

MEL Before Survey Calibration

Tool Type: MRT-AA Sonde SN: MRSB128
Firmware Version: 4.02 Electronics SN: MRCB128

	CURRENT	2" NORMAL	1.5" INVERSE
OFFSET (0.0 +/- 100)	1.5	1.0	0.6
CALCULATED VALUE		26.00 OHMM	20.00 OHMM
CALIBRATION (2375.0 +/- 475)	2318.6	2310.6	2312.4
Calibration Constant		26.08	20.05

03/27/05 07:02 278.0 M Ver 50223795 Job 4111419

MEL After Survey Check

Tool Type: MRT-AA Sonde SN: MRSB128
Firmware Version: 4.02 Electronics SN: MRCB128

	CURRENT		2" NORMAL		1.5" INVERSE	
	BEFORE	AFTER	BEFORE	AFTER	BEFORE	AFTER
OFFSET	1.5	-0.4	1.0	-0.7	0.6	0.8
CALIBRATION	2318.6	2308.6	2310.6	2305.2	2312.4	2307.7
CALCULATED VALUE			26.00	26.05	20.00	20.05 OHMM

03/26/05 23:03 0.0 M Ver 50223795 Job 4111419

Caliper Before Survey Calibration

Tool Type: MRT-CL Serial No:MRSB128

	Measured		Units	Calibrated		Units
	Small	Large		Small	Large	
MCL4	1129.6	3249.6	mm	177.8	355.6	mm

03/26/05 22:56 0.0 M Ver 50223795 Job 4111419

Gamma Ray Before Survey Calibration

Tool Type: UGR-JA Serial No: UGRJ191
Calibrator No:

Background	Calibrator	Standard	Units
120.3	632.1	140.0	API
Delta Counts Per Sec: 511.8		CPS/API = 3.656	

O.H. Adaptor Head

Weight	18.0 kg
Length	0.74 m
Max. Diameter	8.9 cm
Total Stack Weight	877.5 kg in air
Total Stack Length	34.50 m

Crossover

Weight	6.8 kg
Length	0.27 m

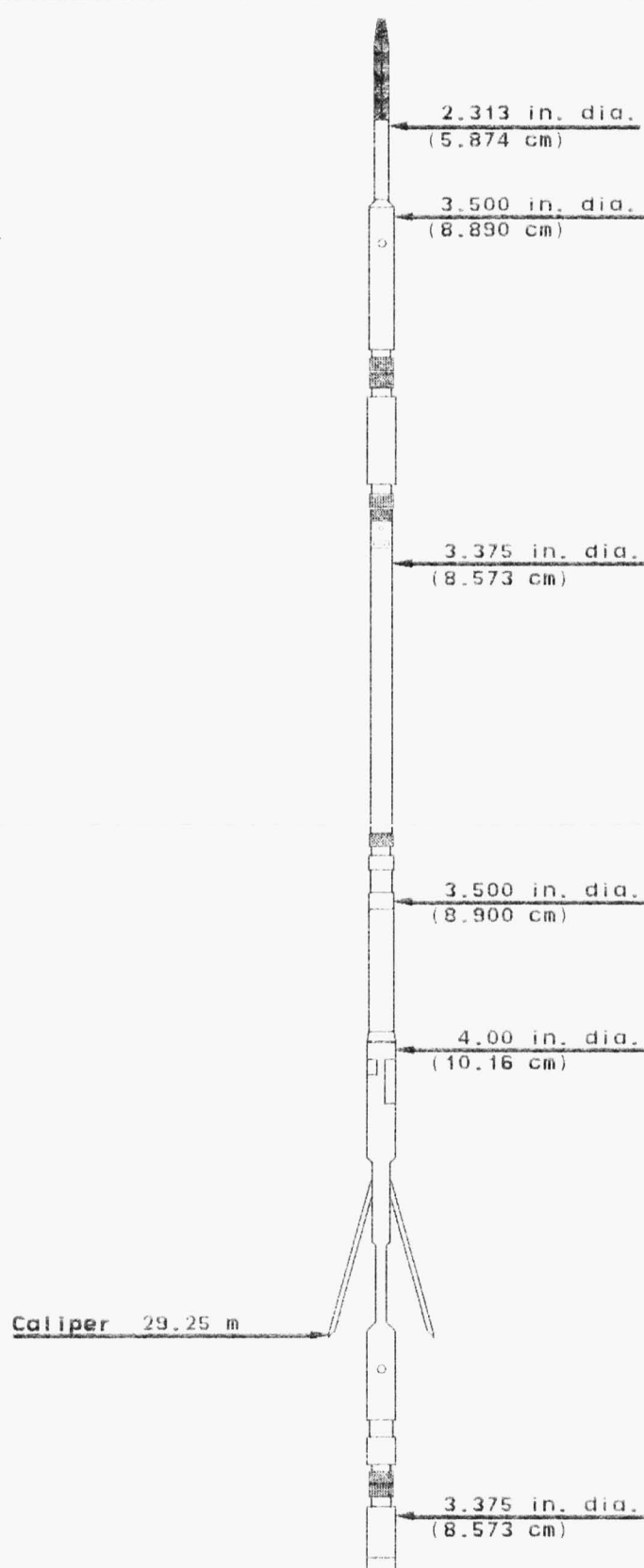
Wireline Communications Cartridge

Weight	53.6 kg
Length	2.31 m
Max. Diameter	8.6 cm

2-Arm Caliper

Weight	79.4 kg
Length	2.40 m
Max. Diameter	10.2 cm

Borehole Compensated



Sonic

Weight 104.0 kg
Length 4.62 m
Max. Diameter 8.6 cm

TOP RX 26.30 m

Delta T 25.99 m

BOT RX 25.69 m

Centralizer

Weight 30.9 kg
Length 1.38 m
Max. Diameter 8.6 cm

MRT 400

Weight 121.5 kg
Length 4.04 m
Max. Diameter 12.7 cm

SPeD 400 Electronics

Weight 56.7 kg
Length 2.92 m
Max. Diameter 8.6 cm

Universal GR

Weight 37.3 kg
Length 1.40 m
Max. Diameter 8.6 cm

Mandrel Neutron

Weight 45.4 kg
Length 2.07 m
Max. Diameter 8.6 cm

SPeD 400 Pad Section

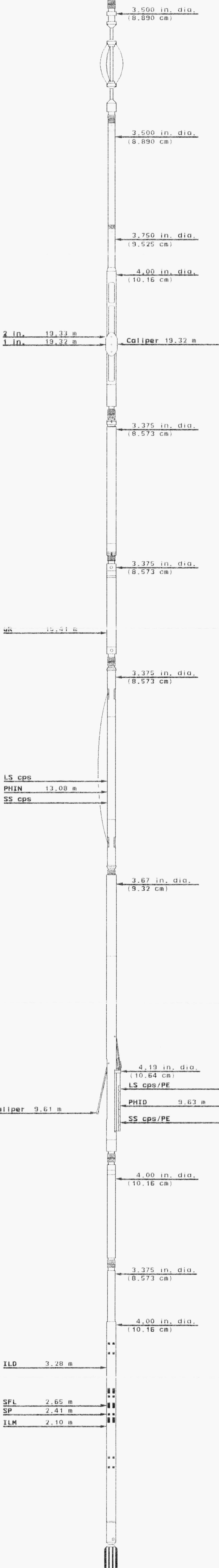
Weight 141.5 kg
Length 3.38 m
Max. Diameter 11.4 cm

Simultaneous Triple Induction

Weight 176.9 kg
Length 8.75 m
Max. Diameter 10.2 cm

Stand - Off

Weight 5.5 kg
Length 0.20 m



COMPANY PARAMOUNT RESOURCES LTD.

WELL PARA ET AL CAMERON 2M-73



WELL

ENERGY SERVICES

FIELD

CAMERON HILLS

PROVINCE N.T.