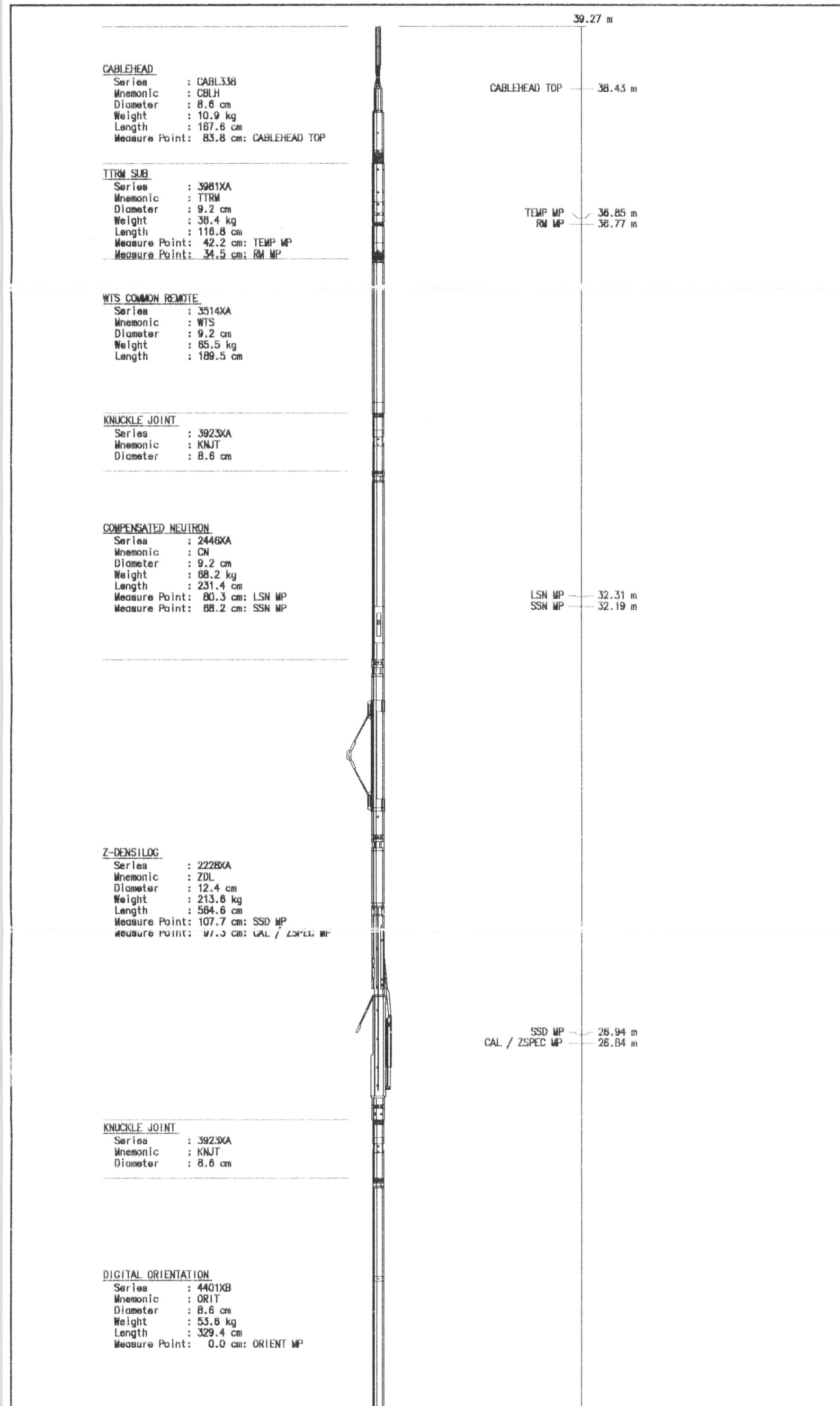
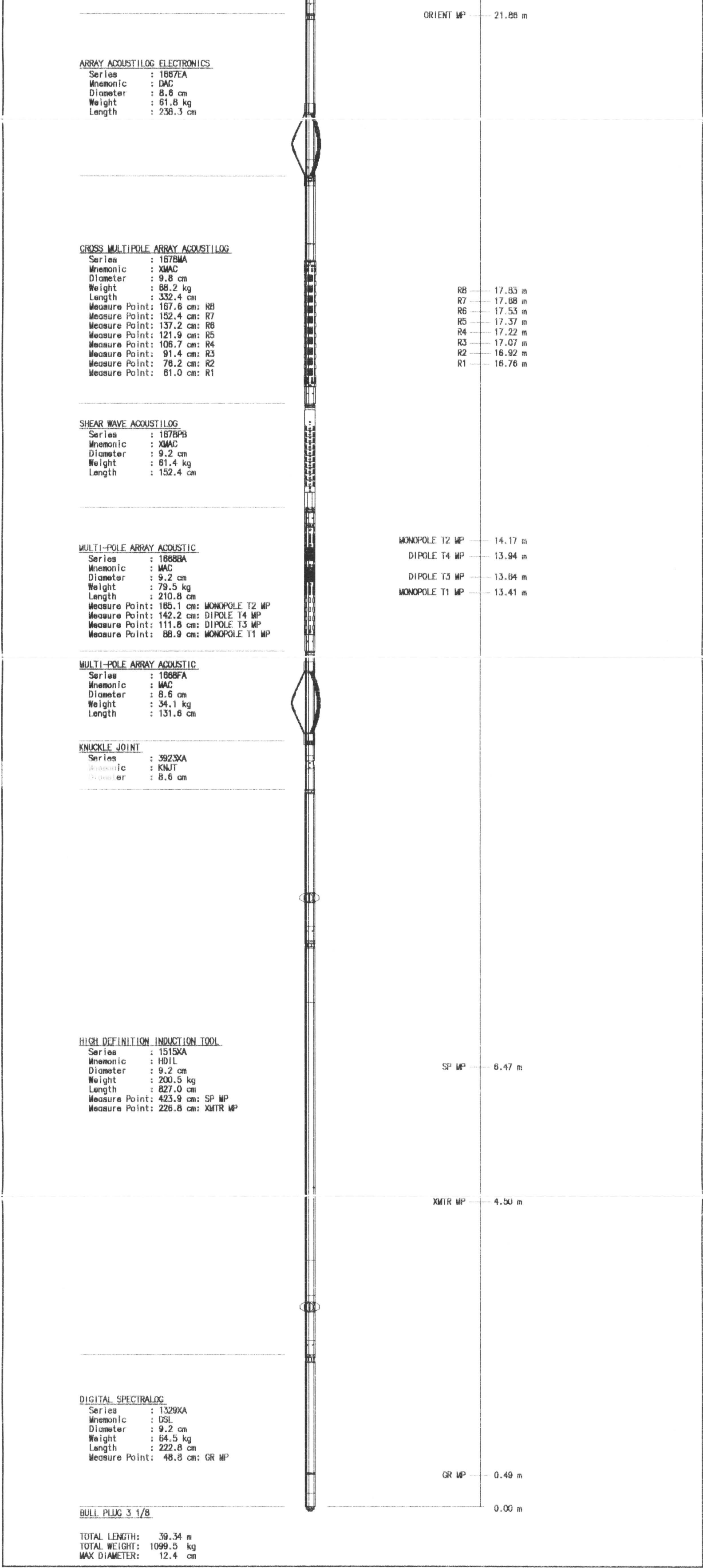






MAIN PASS - UPPER PRESENTATION

ECLIPS 5.01 Dec 17, 2003 Updates: 1,2,3,32 Pcrpl /main/59 Cplot 7.13 Pdf_Cpp /main/16 Fileview 4.67 The Sep 22 03:40:52 2005

PARAMETER AND FILTER SUMMARY REPORT

File: /data/pass/paramount_k-29a/187dvx02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1836.134 m BOTTOM DEPTH: 2576.131 m

SYMMETRIC FILTER				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
X AXIS CALIPER	FILTER ()	light (2)		TOP BOTTOM
CHT	FILTER ()	medium (1)		" "
TENSION	FILTER ()	medium (1)		" "
GR	FILTER ()	medium (1)		" "

BOREHOLE & CEMENT				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	177.800	mm	TOP BOTTOM
BIT SIZE	BIT SIZE	216.000	mm	" "
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		" "
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	216.000	mm	" "
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	OIL BASE MUD		" "
MUD VALUES	MUD SAMPLE TEMP	23.9	degC	" "
	MUD SAMPLE RES	1.000	ohm.m	" "
	MUD REFERENCE TEMP	23.9	degC	" "
	TEMP GRADIENT	2.187	0.01 degC/m	" "

HDIL PROCESSING				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		" "
	ABC to CALCULATE	STANDOFF		" "
	STANDOFF	38.10	mm	" "
	TOOL POSITION	ECCENTERED		" "
	Rmud MULTIPLIER	1.000		" "

CURVE DESCRIPTION REPORT

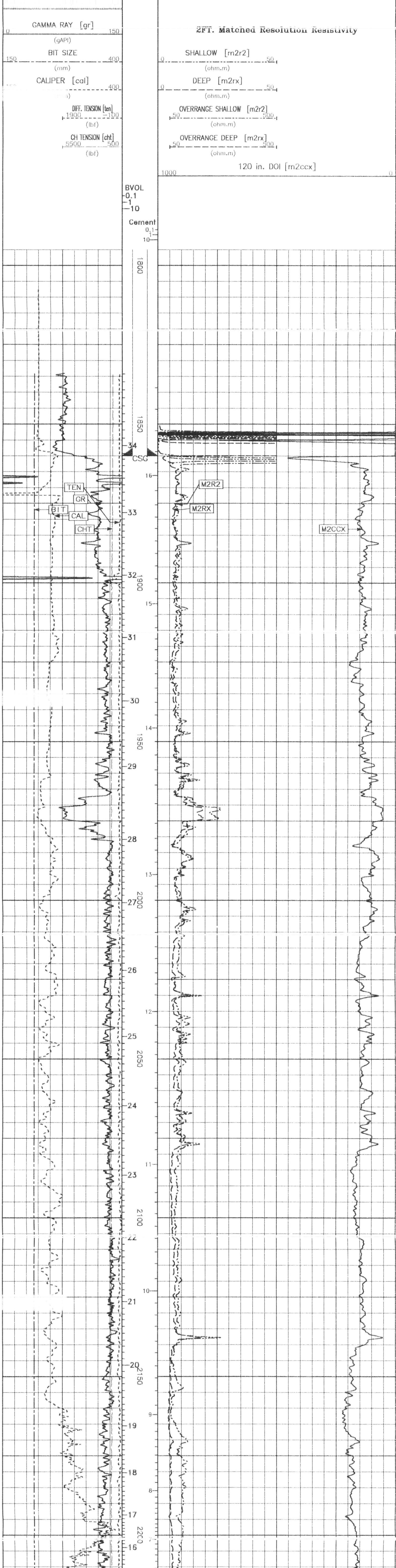
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:BIT	BIT	Sep 22 01:08:49 2005	BIT SIZE
F1:BVOL	BVOL	Sep 22 01:08:49 2005	BOREHOLE VOLUME
F1:CAL	CAL	Sep 22 01:08:49 2005	CALIPER
F1:CHT	CHT	Sep 22 01:08:49 2005	CABLE HEAD TENSION
F1:CVOL	CVOL	Sep 22 01:08:49 2005	CEMENT VOLUME
F1:DEPTH	MATCH_2_RES_DATA	Sep 22 01:08:49 2005	SYSTEM DEPTH
F1:GR	GR	Sep 22 01:08:49 2005	GAMMA RAY
F1:M2CCX	M2CX	Sep 22 01:08:49 2005	HDIL 2' VERT. RESOLUTION COMPRESSED COND.-120" INVESTIGATION
F1:M2R2	M2R2L	Sep 22 01:08:49 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
F1:M2RX	M2RXL	Sep 22 01:08:49 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
F1:TEN	TEN	Sep 22 01:08:49 2005	DIFFERENTIAL TENSION

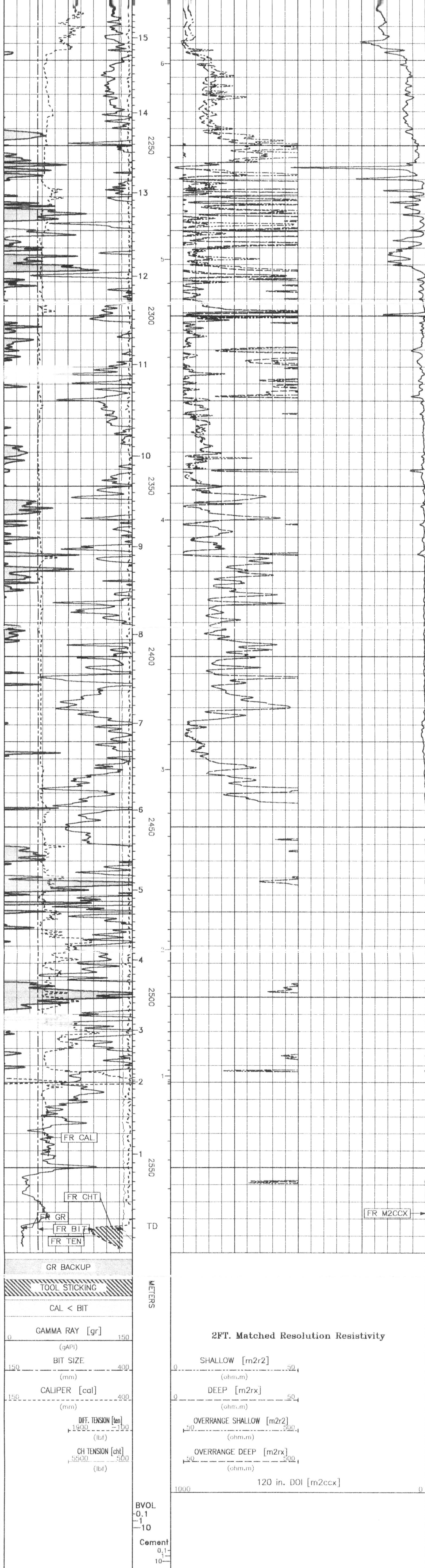
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CHT	0.00	M2CCX	4.65	M2RX	4.65
CAL	26.82	GR	0.46	M2R2	4.65	TEN	0.00

Presentation : cpu1:/data/pass/paramount_k-29a/hdil_up.pdf [1:600 Scale]
Plot Interval : 1797.56 - 2574.19 Meters
Data File 1 : F1 : cpu1:/data/pass/paramount_k-29a/187dvx02.xtf
Created On : Sep 22 01:08:49 2005
Company : PARAMOUNT RESOURCES LTD.
Well : PARAMOUNT ET AL LIARD k-29A
Field : LIARD
File Interval : 1797.41 - 2574.34 Meters
Oct : 187dvx

GR BACKUP	METERS
TOOL STICKING	
CAL < BIT	





MAIN PASS

PARAMETER AND FILTER SUMMARY REPORT

File: /data/pass/paramount_k-29a/187dvx02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1836.134 m BOTTOM DEPTH: 2576.131 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
CHT	FILTER ()	medium (1)		" "	" "
TENSION	FILTER ()	medium (1)		" "	" "
GR	FILTER ()	medium (1)		" "	" "

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	177.800	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	216.000	mm	" "	" "
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		" "	" "
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	216.000	mm	" "	" "
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	OIL BASE MUD		" "	" "
MUD VALUES	MUD SAMPLE TEMP	23.9	degC	" "	" "
	MUD SAMPLE RES	1.000	ohm.m	" "	" "
	MUD REFERENCE TEMP	23.9	degC	" "	" "
	TEMP GRADIENT	2.187	0.93 degC/m	" "	" "

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		''	''
	ABC to CALCULATE	STANDOFF		''	''
	STANDOFF	38.10	mm	''	''
	TOOL POSITION	ECCENTERED		''	''
	Rmud MULTIPLIER	1.000		''	''

CURVE DESCRIPTION REPORT

CURVE DESCRIPTION REPORT									
CURVE NAME	CURVE ALIAS	CREATION DATE			CURVE DESCRIPTION				
F1:BIT	BIT	Sep 22	01:08:49	2005	BIT SIZE				
F1:BVOL	BVOL	Sep 22	01:08:49	2005	BOREHOLE VOLUME				
F1:CAL	CAL	Sep 22	01:08:49	2005	CALIPER				
F1:CHT	CHT	Sep 22	01:08:49	2005	CABLE HEAD TENSION				
F1:CVOL	CVOL	Sep 22	01:08:49	2005	CEMENT VOLUME				
F1:DEPTH	WATCH_2_RES_DATA	Sep 22	01:08:49	2005	SYSTEM DEPTH				
F1:GR	GR	Sep 22	01:08:49	2005	GAMMA RAY				
F1:M2R2	M2R2	Sep 22	01:08:49	2005	VERT RESOLUTION	WATCHED	(2 FT)	RES - DOI	20 INCH
F1:M2R3	M2R3	Sep 22	01:08:49	2005	VERT RESOLUTION	WATCHED	(2 FT)	RES - DOI	30 INCH
F1:M2R6	M2R6	Sep 22	01:08:49	2005	VERT RESOLUTION	WATCHED	(2 FT)	RES - DOI	60 INCH
F1:M2R9	M2R9	Sep 22	01:08:49	2005	VERT RESOLUTION	WATCHED	(2 FT)	RES - DOI	90 INCH
F1:M2RX	M2RX	Sep 22	01:08:49	2005	VERT RESOLUTION	WATCHED	(2 FT)	RES - DOI	120 INCH
F1:TEN	TEN	Sep 22	01:08:49	2005	DIFFERENTIAL TENSION				
F1:WTRH		Sep 22	01:08:49	2005	TEMPERATURE OF THE BOREHOLE				

CURVE MEASURE POINT OFFSET

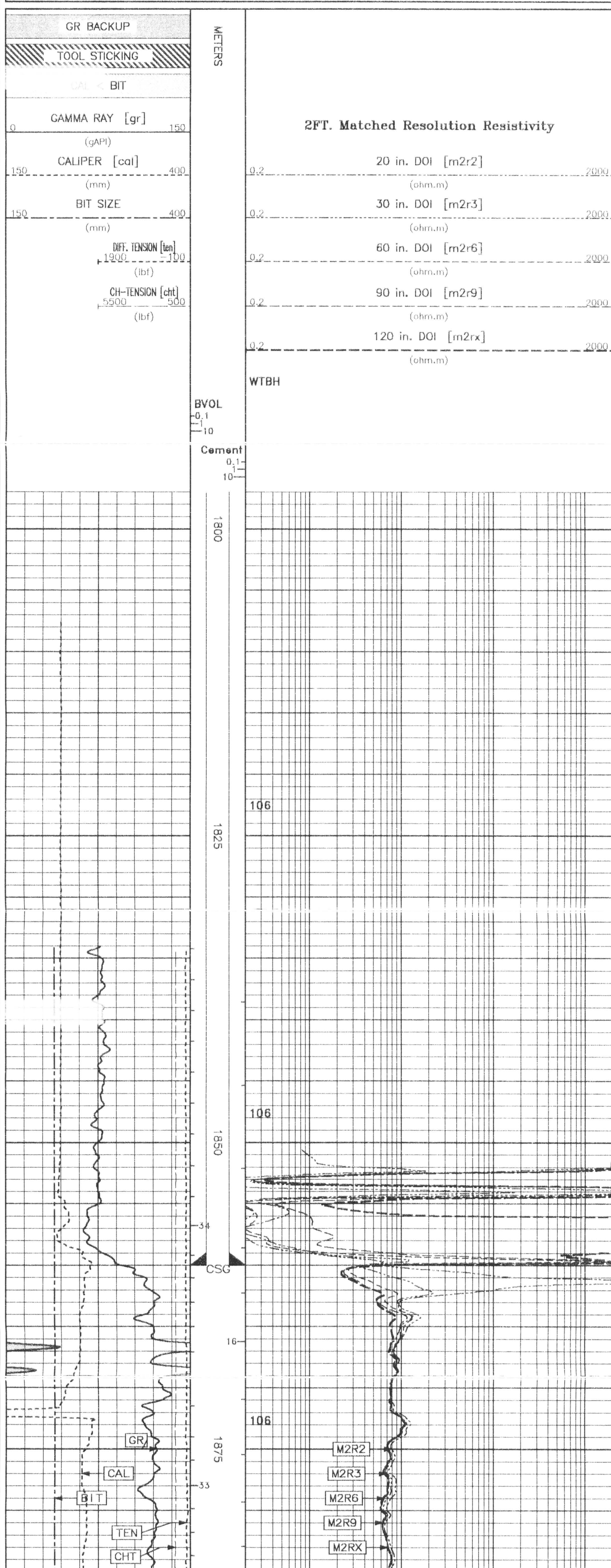
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	GR	0.46	M2R6	4.65	TEN	0.00
CAL	26.82	M2R2	4.65	M2R9	4.65		
CHI	0.00	M2R3	4.65	M2R9	4.65		

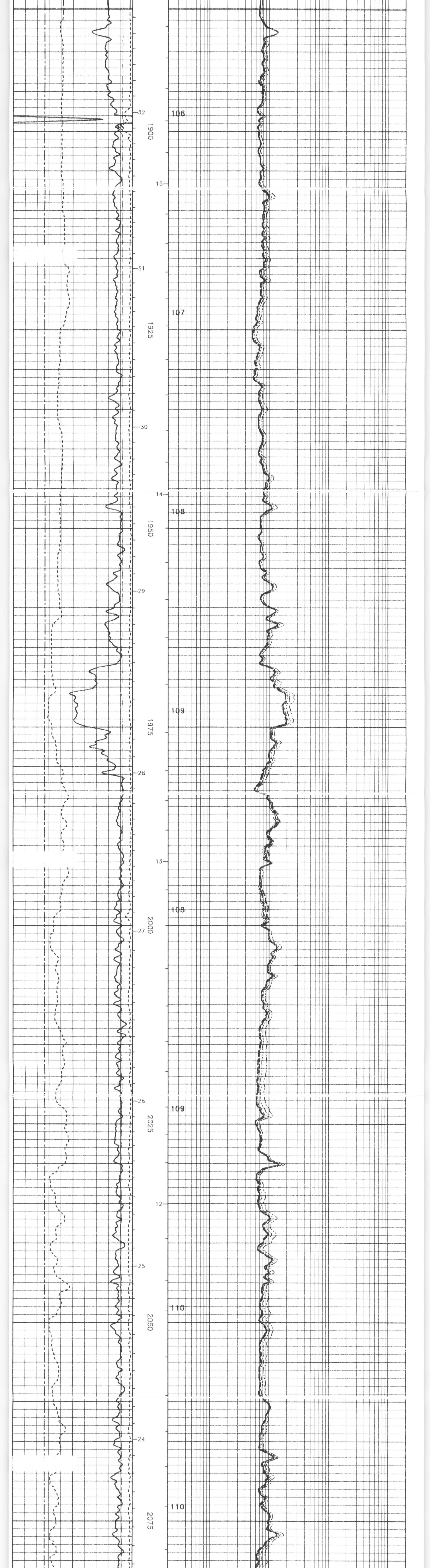
Presentation : cpu1:/data/pass/paramount_k-29a/hdll_main.pdf [1:240 Scale]

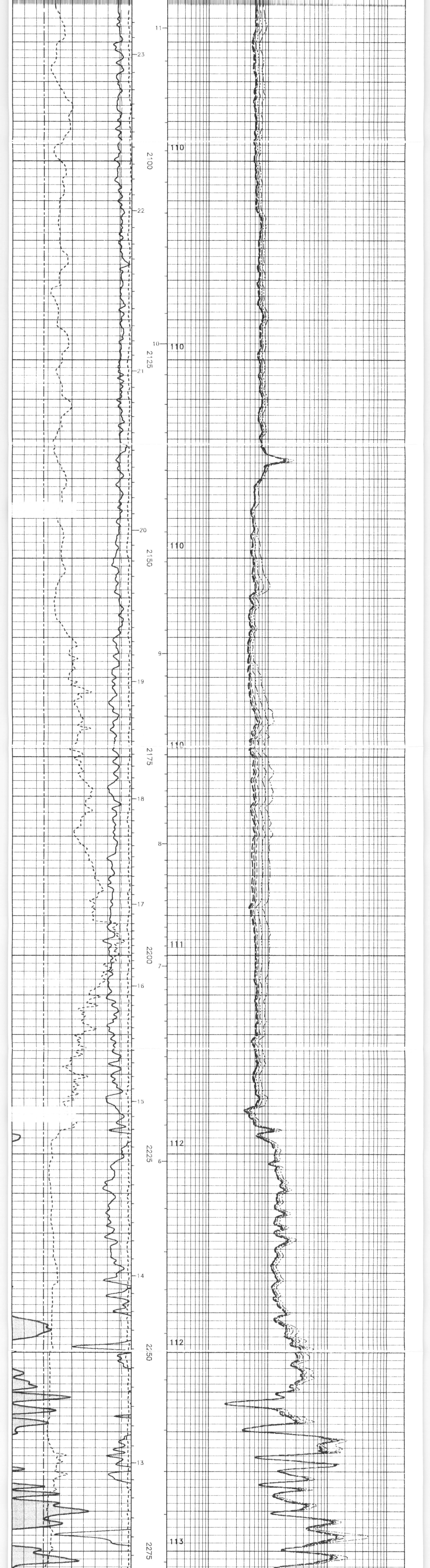
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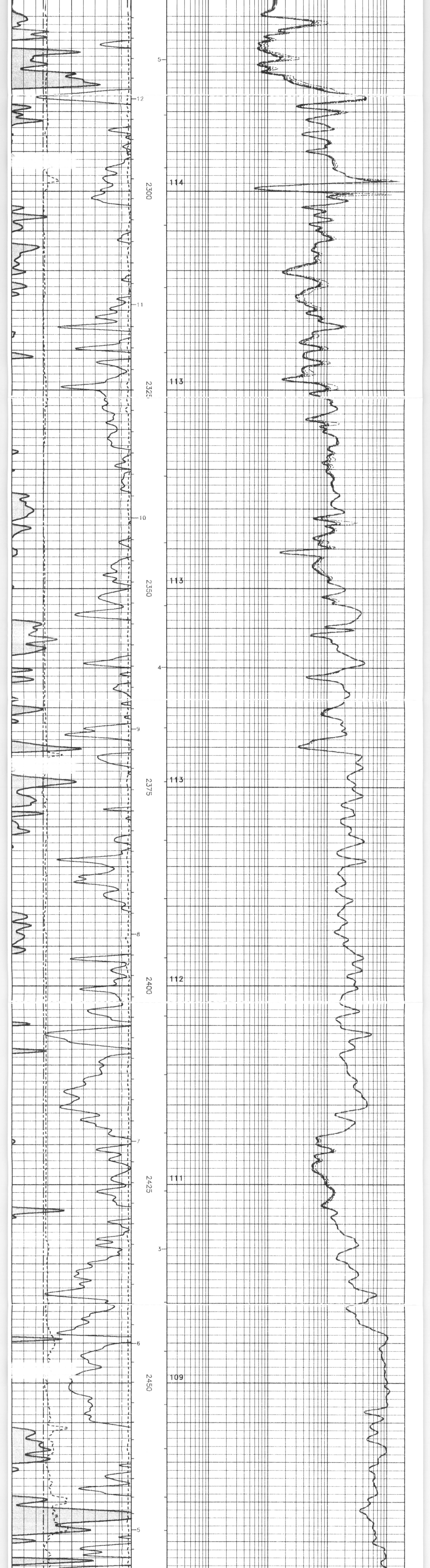
Data File 1      : F1 : cpu1:/data/pass/paramount_k-29a/187dvx02.kff
Created On       : Sep 22 01:08:49 2005
Company          : PARAMOUNT RESOURCES LTD.
Well             : PARAMOUNT ET AL LIARD k-29A
Field            : LIARD
File Interval    : 1797.41 - 2574.34 Meters
Oct              : 187dvx

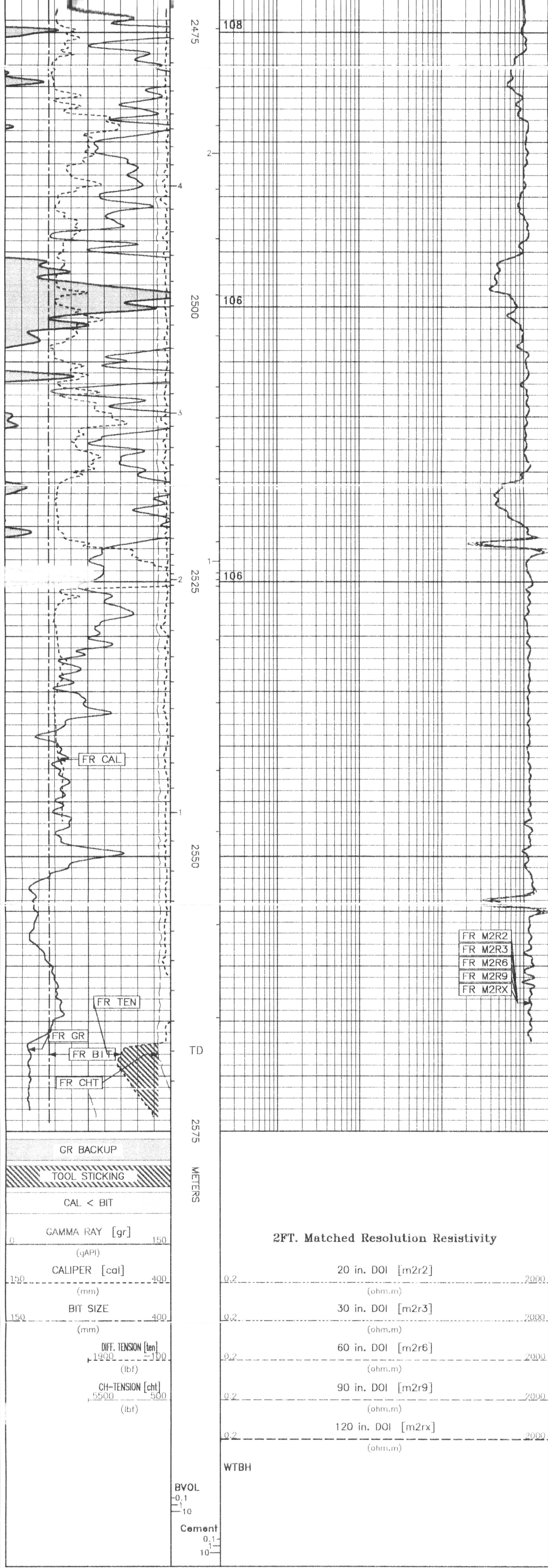
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REPEAT PASS

ECLIPS 5.0i Dec 17, 2003
Updates: 1,2,3,32

Pcrplt /main/59

Cplot 7.13
Pdf_Cpp /main/16

Thu Sep 22 04:55:48 2005
Fileview 4.67

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/paramount_k-29a/187dvx03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1836.588 m BOTTOM DEPTH: 1970.238 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
CHT	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	177.800	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	216.000	mm	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	216.000	mm	"	"
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	OIL BASE MUD		"	"
MUD VALUES	MUD SAMPLE TEMP	23.9	degC	"	"
	MUD SAMPLE RES	1.000	ohm.m	"	"
	MUD REFERENCE TEMP	23.9	degC	"	"
	TEMP GRADIENT	2.187	0.01 degC/m	"	"

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	38.10	mm	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

PARAMETER AND FILTER SUMMARY REPORT

File: /data/pass/paramount_k-29a/187dvxR08.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1836.588 m BOTTOM DEPTH: 1970.238 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
CHT	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"

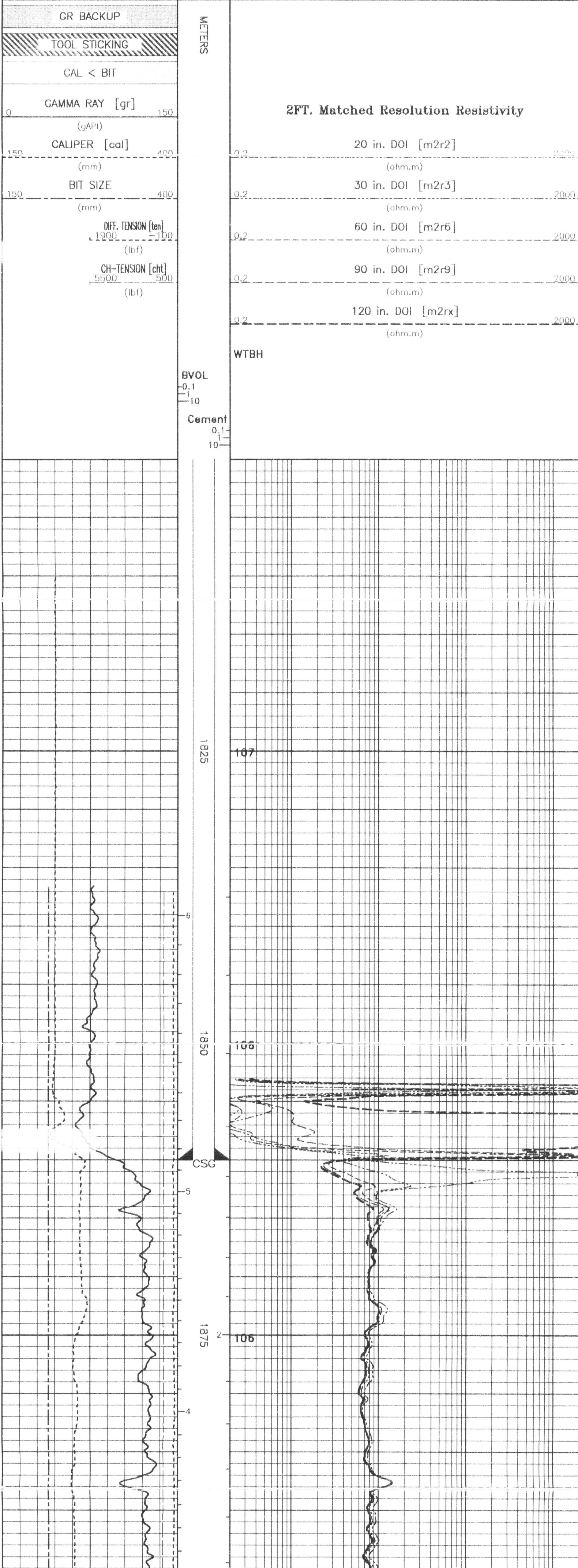
BOREHOLE & CEMENT					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	177.800	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	216.000	mm	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	216.000	mm	"	"
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	OIL BASE MUD		"	"
MUD VALUES	MUD SAMPLE TEMP	23.9	degC	"	"
	MUD SAMPLE RES	1.000	ohm.m	"	"
	MUD REFERENCE TEMP	23.9	degC	"	"
	TEMP GRADIENT	2.187	0.01 degC/m	"	"

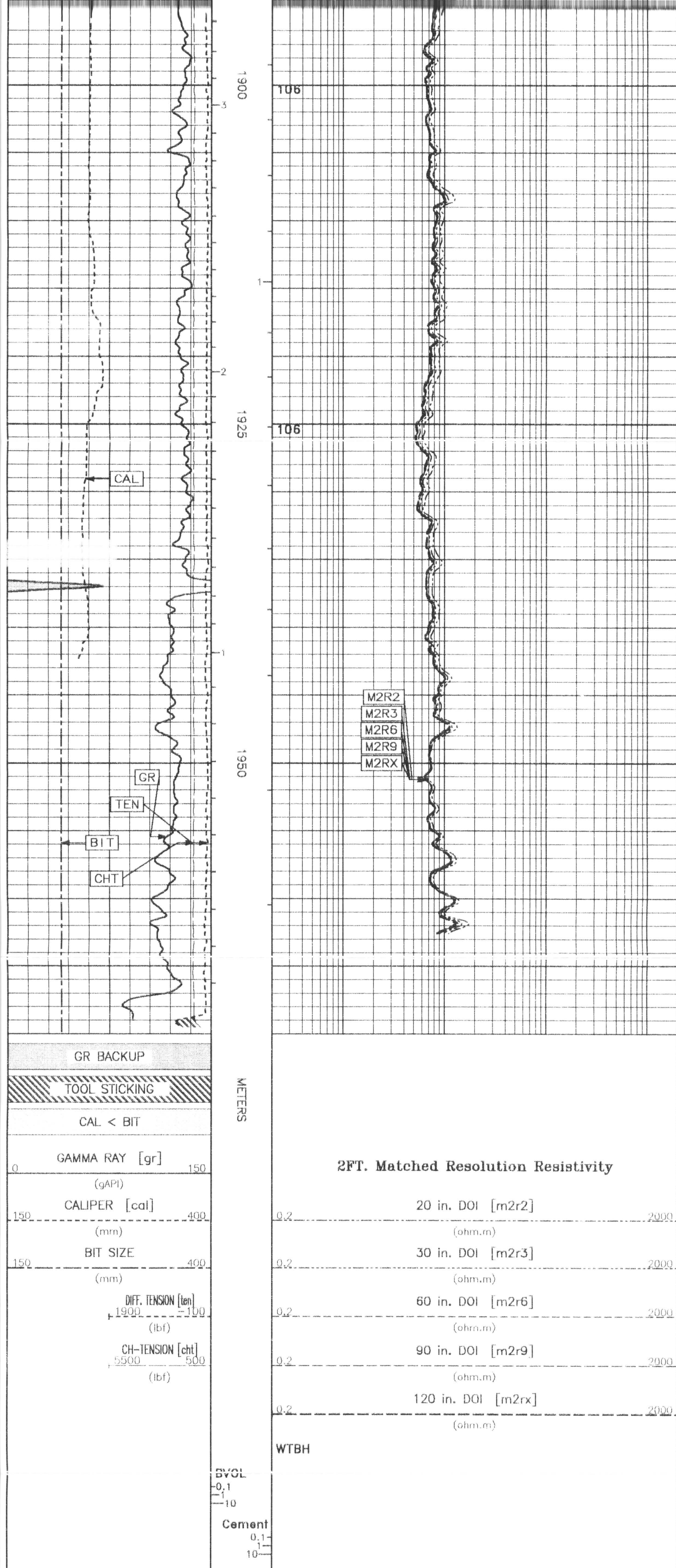
HDIL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	MUD CONDUCTIVITY		"	"
	STANDOFF	38.10	mm	"	"
	TOOL MULTIPLICATION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

CURVE DESCRIPTION REPORT				
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION	
F1:BIT	BIT	Sep 22 03:42:22 2005	BIT SIZE	
F1:BVOL	BVOL	Sep 22 03:42:22 2005	BOREHOLE VOLUME	
F1:CAL	CAL	Sep 22 03:42:22 2005	CALIPER	
F1:CHT	CHT	Sep 22 03:42:22 2005	CABLE HEAD TENSION	
F1:CVOL	CVOL	Sep 22 03:42:22 2005	CEMENT VOLUME	
F1:DEPTH	MATCH_2_RFS DATE	Sep 22 03:42:22 2005	SYSTEM DEPTH	
F1:GR	GR	Sep 22 03:42:22 2005	GAMMA RAY	
F1:M2R2	M2R2	Sep 22 03:42:22 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH	
F1:M2R3	M2R3	Sep 22 03:42:22 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH	
F1:M2R6	M2R6	Sep 22 03:42:22 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH	
F1:M2R9	M2R9	Sep 22 03:42:22 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH	
F1:M2RX	M2RX	Sep 22 03:42:22 2005	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH	
F1:TEN	TEN	Sep 22 03:42:22 2005	DIFFERENTIAL TENSION	
F1:WTBH		Sep 22 03:42:22 2005	TEMPERATURE OF THE BOREHOLE	

CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	GR	0.46	M2R6	4.65	TEN	0.00
CAL	26.82	M2R2	4.65	M2R9	4.65		
CHT	0.00	M2R3	4.65	M2RX	4.65		

Presentation	: cpu1:/data/pass/paramount_k-29a/hdil_rpt.pdf [1:240 Scale]
Plot Interval	: 1800.07 - 1969.92 Meters
Data File 1	: F1 : cpu1:/data/pass/paramount_k-29a/l87dvx03.xtf
Created On	: Sep 22 03:42:22 2005
Company	: PARAMOUNT RESOURCES LTD.
Well	: PARAMOUNT ET AL LIARD k-29A
Field	: LIARD
File Interval	: 1800 - 1969.92 Meters
Oct	: l87dvx





CALIBRATION / VERIFICATION SUMMARY

Source File: /data/pass/paramount_k-29a/187dxx.tp1

CAL PRIMARY CALIBRATION SUMMARY

TOOL #: 2228MA 120009

DATE/TIME PERFORMED: Wed Aug 17 09:53:09 2005

UNIT #: 3880TC 006558

	SMALL RING (raw)	LARGE RING (raw)	MULT	ADD	SMALL RING (mm)	LARGE RING (mm)
CALIPER	1720.8	2362.4	0.15835	-69.29581	203.200	304.800

CAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2228MA 120009

DATE/TIME PERFORMED: Wed Sep 21 06:17:37 2005

UNIT #: 3880TC 006558

	I.D. (raw)	MULT	ADD	I.D. (mm)
CALIPER	1876.2	0.15835	-69.29606	227.808

CAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2228MA 120009

DATE/TIME PERFORMED: Wed Sep 21 10:42:46 2005

UNIT #: 3880TC 006558

	I.D. (raw)	MULT	ADD	I.D. (mm)
CALIPER	1848.4	0.15835	-69.29606	223.406
				215.108 240.508

HDIL PRIMARY CALIBRATION SUMMARY

TOOL #: 1515MA 167570

DATE/TIME PERFORMED: Thu Jun 23 14:00:12 2005

UNIT #: 5753XA 10067203 GRCOND ID & DATE: Nisku 0513102

	ZERO DATA(mV)	10 KHz	50 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	0.004	0.003	0.002	-0.000	-0.004	-0.002	-0.003	-0.005	
Coil 0 Q	0.042	0.021	0.013	0.010	0.008	0.006	0.003	0.001	
Coil 1 R	0.002	0.006	0.004	-0.001	-0.004	-0.006	-0.007	-0.007	
Coil 1 Q	0.033	0.015	0.012	0.012	0.009	0.007	0.001	-0.004	
Coil 2 R	0.006	-0.003	-0.008	-0.009	-0.008	-0.007	-0.003	0.005	

		-0.200 0.200	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100
Coil 2 Q		0.030	0.011	0.010	0.001	-0.001	-0.007	-0.011	-0.016	
		-1.000 1.000	-0.200 0.200	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	
Coil 3 R		0.009	0.005	-0.002	-0.005	-0.006	-0.012	-0.013	-0.011	
		-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	
Coil 3 Q		0.043	0.019	0.018	0.013	0.012	0.008	-0.000	-0.005	
		-0.500 0.500	-0.200 0.200	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	-0.100 0.100	
Coil 4 R		-0.003	-0.009	-0.014	-0.017	-0.016	-0.004	0.005	0.010	
		-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	
Coil 4 Q		0.083	0.033	0.015	0.008	-0.003	-0.014	-0.009	0.001	
		-1.000 1.000	-0.400 0.400	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	-0.200 0.200	
Coil 5 R		-0.016	-0.015	-0.020	-0.017	-0.015	-0.021	-0.021	-0.011	
		-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	
Coil 5 Q		0.142	0.045	0.026	0.014	0.009	0.002	-0.007	-0.010	
		-2.000 2.000	-0.800 0.800	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	-0.400 0.400	
Coil 6 R		0.004	-0.006	-0.043	-0.018	-0.007	0.016	0.078	-0.032	
		-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	
Coil 6 Q		0.172	0.081	0.017	0.021	0.008	-0.010	0.014	0.121	
		-5.000 5.000	-2.000 2.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	-1.000 1.000	

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	127.82	126.86	124.93	121.71	117.61	112.04	105.72	97.96
	100.00 150.00	100.00 150.00	98.00 150.00	98.00 140.00	92.00 140.00	87.00 130.00	82.00 120.00	76.00 110.00
Coil 0 P	7.282	23.088	38.710	54.387	70.018	85.749	101.360	116.969
	5.000 9.000	19.000 28.000	32.000 47.000	44.000 66.000	57.000 85.000	70.000 100.000	82.000 120.000	95.000 140.000
Coil 1 M	223.91	222.10	218.39	212.31	204.48	193.90	181.89	167.53
	180.00 270.00	180.00 270.00	170.00 260.00	170.00 250.00	180.00 250.00	180.00 230.00	150.00 220.00	140.00 200.00
Coil 1 P	7.330	23.690	39.769	55.883	71.957	88.095	104.082	119.989
	5.000 9.000	19.000 28.000	32.000 48.000	45.000 67.000	57.000 86.000	70.000 110.000	83.000 120.000	96.000 140.000
Coil 2 M	453.62	449.51	441.24	428.10	411.39	389.50	365.30	336.13
	360.00 540.00	360.00 540.00	350.00 530.00	340.00 510.00	330.00 500.00	310.00 470.00	300.00 440.00	270.00 410.00
Coil 2 P	7.609	24.175	40.507	56.805	73.033	89.307	105.319	121.280
	5.000 9.000	19.000 28.000	32.000 48.000	45.000 67.000	58.000 87.000	71.000 110.000	84.000 130.000	96.000 140.000
Coil 3 M	746.10	740.80	729.37	710.69	686.41	652.83	614.81	567.28
	590.00 890.00	580.00 870.00	570.00 850.00	550.00 850.00	530.00 800.00	500.00 760.00	470.00 710.00	440.00 650.00
Coil 3 P	7.604	24.008	40.274	56.608	72.954	89.412	105.762	122.094
	5.000 10.000	20.000 29.000	33.000 49.000	46.000 69.000	59.000 89.000	72.000 110.000	85.000 130.000	98.000 150.000
Coil 4 M	1123.8	1114.3	1095.3	1064.6	1025.3	972.8	914.3	843.3
	900.0 1400.0	900.0 1300.0	900.0 1300.0	850.0 1300.0	800.0 1200.0	800.0 1200.0	750.0 1100.0	700.0 1000.0
Coil 4 P	7.691	24.334	40.792	57.248	73.663	90.125	106.428	122.690
	5.000 10.000	20.000 30.000	33.000 50.000	46.000 70.000	60.000 90.000	73.000 110.000	86.000 130.000	99.000 150.000
Coil 5 M	2302.8	2284.4	2246.8	2185.5	2107.2	2000.9	1880.7	1735.0
	1900.0 2800.0	1800.0 2800.0	1800.0 2700.0	1800.0 2600.0	1700.0 2500.0	1600.0 2400.0	1500.0 2200.0	1400.0 2100.0
Coil 5 P	8.027	25.276	42.359	59.474	76.583	93.781	110.856	127.894
	6.000 10.000	20.000 31.000	34.000 51.000	48.000 72.000	62.000 95.000	76.000 110.000	89.000 130.000	100.000 150.000
Coil 6 M	5912.1	5854.1	5738.5	5555.9	5324.7	5021.4	4679.5	4279.0
	4700.0 7100.0	4700.0 7000.0	4600.0 6900.0	4400.0 6600.0	4200.0 6400.0	4000.0 6000.0	3700.0 5600.0	3400.0 5100.0
Coil 6 P	8.657	27.146	45.434	63.730	81.971	100.229	118.300	136.281
	7.000 10.000	22.000 32.000	36.000 54.000	51.000 76.000	65.000 98.000	80.000 120.000	94.000 140.000	110.000 160.000

AM Factor	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	643	15	-90	-128	-145	-152	-156	-158
	-200 800	-500 100	-600 0	-800 0	-500 0	-500 0	-500 0	-500 0
Coil 0 Q	1676	675	406	263	169	101	46	-1
	-3000 8000	-1000 2000	-1000 1200	-500 800	-400 600	-400 500	-400 400	-400 300
Coil 1 R	623	95	28	4	-7	-14	-18	-21
	450 850	20 115	-30 45	-50 20	-55 0	-60 0	-60 0	-60 0
Coil 1 Q	1599	621	385	277	213	171	140	116
	0 2500	0 900	0 600	0 400	0 300	0 250	0 200	0 200
Coil 2 R	205.4	34.3	11.5	3.4	-0.8	-3.1	-4.6	-5.9
	140.0 230.0	0.0 51.0	-10.0 25.0	-15.0 15.0	-16.0 10.0	-16.0 7.0	-16.0 5.0	-16.0 3.0
Coil 2 Q	291.2	129.3	85.1	64.4	52.8	45.2	40.0	36.1
	-200.0 1000.0	0.0 350.0	0.0 220.0	0.0 160.0	0.0 130.0	0.0 110.0	0.0 100.0	0.0 90.0
Coil 3 R	54.9	7.6	1.7	-0.5	-1.4	-2.0	-2.0	-1.7
	37.0 62.0	0.0 12.0	-3.0 5.0	-4.0 4.0	-5.0 2.0	-5.0 1.0	-6.0 1.0	-6.0 1.0
Coil 3 Q	122.3	51.3	35.2	29.1	26.5	25.3	24.7	25.5
	-140.0 280.0	-40.0 100.0	-20.0 70.0	-10.0 60.0	-10.0 50.0	-10.0 50.0	-10.0 50.0	-10.0 50.0
Coil 4 R	12.52	0.66	-0.75	-1.29	-1.53	-1.52	-1.70	-1.66
	5.00 18.00	-1.00 4.00	-2.00 2.00	-2.20 2.00	-2.50 2.00	-3.00 2.00	-3.00 2.00	-4.00 2.00
Coil 4 Q	42.12	18.13	14.32	14.03	14.79	16.03	17.69	19.40
	-100.00 100.00	-30.00 50.00	-20.00 40.00	-10.00 40.00	-10.00 40.00	-10.00 45.00	-10.00 50.00	-10.00 60.00
Coil 5 R	2.19	-0.68	-1.12	-1.12	-1.15	-1.14	-1.29	-1.21
	-2.00 5.80	-3.20 2.40	-4.50 3.10	-4.70 3.20	-4.80 3.20	-5.00 3.30	-5.20 3.40	-5.40 3.50
Coil 5 Q	6.30	4.17	5.33	7.06	9.02	11.01	13.09	15.16
	-60.00 70.00	-20.00 50.00	-20.00 50.00	-20.00 35.00	-20.00 45.00	-20.00 50.00	-20.00 60.00	-30.00 70.00
Coil 6 R	-2.62	-1.60	-1.11	-0.93	-0.68	-0.40	0.10	0.43
	-4.80 1.00	-5.70 3.80	-6.50 4.90	-6.90 5.40	-7.30 5.80	-7.50 6.00	-7.70 6.10	-7.90 6.30
Coil 6 Q	-7.92	-1.74	1.36	4.13	6.69	9.23	11.68	14.52
	-30.00 50.00	-20.00 25.00	-20.00 35.00	-30.00 50.00	-35.00 60.00	-40.00 70.00	-50.00 80.00	-60.00 100.00

MM Factor	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	1.003	1.000	0.996	0.996	0.995	0.994	0.994	0.995
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 0 P	-0.047	0.190	0.237	0.252	0.181	0.144	0.104	0.115
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 1 M	0.990	0.988	0.985	0.984	0.982	0.982	0.980	0.981
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 1 P	0.054	0.214	0.271	0.290	0.248	0.183	0.152	0.084
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 2 M	1.009	1.006	1.006	1.005	1.004	1.003	1.002	1.000
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 2 P	-0.015	0.061	0.116	0.148	0.188	0.239	0.204	0.187
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 3 M	1.011	1.010	1.010	1.009	1.009	1.008	1.008	1.006
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 3 P	0.009	0.032	0.084	0.117	0.120	0.102	0.178	0.196
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 4 M	1.019	1.019	1.018	1.018	1.017	1.017	1.016	1.016
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 4 P	-0.004	0.038	0.049	0.088	0.081	0.077	0.078	0.039
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 5 M	1.012	1.012	1.012	1.011	1.010	1.011	1.010	1.010
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 5 P	0.030	-0.011	0.059	0.082	0.072	0.044	0.124	0.111
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000
Coil 6 M	1.021	1.024	1.023	1.022	1.022	1.028	1.027	1.025
	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100	0.900 1.100
Coil 6 P	-0.031	0.031	-0.067	0.023	-0.052	-0.149	-0.109	-0.260
	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000	-2.000 2.000

PARMS	TCID 0	TCID 1	Cal Temp	T Factor
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Coil 1 P	7.237 8.000 9.000	23.729 19.000 28.000	39.893 32.000 48.000	56.056 45.000 67.000	72.225 57.000 86.000	88.415 70.000 110.000	104.468 85.000 120.000	120.446 96.000 140.000
Coil 2 M	455.09 380.00 540.00	451.02 360.00 540.00	442.73 350.00 550.00	429.54 340.00 510.00	412.52 330.00 500.00	390.95 310.00 470.00	366.16 300.00 440.00	337.36 270.00 410.00
Coil 2 P	7.551 6.000 9.000	24.243 19.000 29.000	40.657 32.000 48.000	57.044 45.000 67.000	73.362 58.000 87.000	89.658 71.000 110.000	105.780 84.000 130.000	121.778 96.000 140.000
Coil 3 M	747.88 590.00 880.00	742.49 580.00 870.00	731.14 570.00 850.00	712.58 550.00 830.00	687.80 530.00 800.00	654.85 500.00 760.00	615.93 470.00 710.00	588.89 440.00 650.00
Coil 3 P	7.628 6.000 10.000	24.133 20.000 29.000	40.470 33.000 49.000	56.872 46.000 69.000	73.320 59.000 89.000	89.844 72.000 110.000	106.305 85.000 130.000	122.702 98.000 150.000
Coil 4 M	1125.9 900.0 1400.0	1116.7 900.0 1300.0	1097.3 900.0 1300.0	1066.7 850.0 1300.0	1026.6 800.0 1200.0	974.9 800.0 1200.0	915.3 750.0 1100.0	844.6 700.0 1000.0
Coil 4 P	7.715 6.000 10.000	24.448 20.000 30.000	40.975 33.000 50.000	57.510 46.000 70.000	74.016 60.000 90.000	90.545 73.000 110.000	106.944 86.000 130.000	123.252 99.000 150.000
Coil 5 M	2312.9 1900.0 2800.0	2294.7 1800.0 2800.0	2256.5 1800.0 2700.0	2195.5 1800.0 2600.0	2115.0 1700.0 2500.0	2009.9 1800.0 2400.0	1888.2 1500.0 2200.0	1742.6 1400.0 2100.0
Coil 5 P	6.056 6.000 10.000	25.390 20.000 31.000	42.551 34.000 51.000	59.744 48.000 72.000	76.947 62.000 85.000	94.211 76.000 110.000	111.374 89.000 130.000	128.479 100.000 150.000
Coil 6 M	5947.9 4700.0 7100.0	5891.1 4700.0 7000.0	5772.0 4600.0 6900.0	5589.9 4400.0 6600.0	5350.2 4200.0 6400.0	5051.3 4000.0 6000.0	4705.9 3700.0 5800.0	4306.4 3400.0 5100.0
Coil 6 P	8.692 7.000 10.000	27.279 22.000 32.000	45.661 36.000 54.000	64.034 51.000 76.000	82.377 65.000 98.000	100.712 80.000 120.000	118.883 94.000 140.000	136.973 110.000 160.000

HDIL AFTER LOG VERIFICATION SUMMARY								
TOOL #: 1515WA 167570			DATE/TIME PERFORMED: Thu Sep 22 03:36:58 2005					
UNIT #: 3880TC 006558								
ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.005 -0.077 0.083	-0.005 -0.057 0.063	-0.001 -0.028 0.032	-0.003 -0.031 0.029	-0.004 -0.033 0.027	-0.002 -0.033 0.027	-0.003 -0.033 0.027	-0.006 -0.033 0.027
Coil 0 Q	0.053 0.005 0.085	0.019 -0.099 0.141	0.008 -0.017 0.043	0.005 -0.020 0.040	0.004 -0.022 0.038	0.002 -0.025 0.035	0.002 -0.029 0.031	0.002 -0.030 0.030
Coil 1 R	-0.002 -0.075 0.085	0.003 -0.043 0.057	0.004 -0.026 0.034	0.001 -0.029 0.031	-0.003 -0.034 0.026	-0.005 -0.035 0.025	-0.008 -0.036 0.024	-0.008 -0.035 0.025
Coil 1 Q	0.040 -0.365 0.435	0.014 -0.082 0.118	0.008 -0.018 0.042	0.009 -0.018 0.042	0.010 -0.019 0.041	0.008 -0.025 0.035	0.003 -0.029 0.031	-0.001 -0.032 0.028
Coil 2 R	-0.002 -0.064 0.076	-0.014 -0.033 0.027	-0.016 -0.037 0.023	-0.011 -0.039 0.021	-0.009 -0.036 0.024	-0.005 -0.034 0.026	-0.000 -0.026 0.034	0.008 -0.024 0.036
Coil 2 Q	0.043 -0.316 0.384	0.008 -0.089 0.111	0.002 -0.022 0.038	-0.005 -0.028 0.032	-0.011 -0.033 0.027	-0.011 -0.037 0.023	-0.012 -0.038 0.022	-0.015 -0.034 0.026
Coil 3 R	-0.010 -0.038 0.042	-0.011 -0.040 0.040	-0.013 -0.047 0.033	-0.015 -0.049 0.031	-0.019 -0.046 0.034	-0.019 -0.050 0.030	-0.017 -0.046 0.034	-0.014 -0.049 0.031
Coil 3 Q	0.059 -0.153 0.247	0.015 -0.063 0.097	0.013 -0.027 0.053	0.004 -0.028 0.052	-0.001 -0.033 0.047	-0.001 -0.034 0.048	-0.003 -0.039 0.041	-0.007 -0.042 0.038
Coil 4 R	-0.009 -0.064 0.056	-0.018 -0.064 0.056	-0.022 -0.065 0.055	-0.021 -0.064 0.056	-0.010 -0.065 0.055	0.001 -0.063 0.057	0.012 -0.059 0.061	0.010 -0.048 0.072
Coil 4 Q	0.112 -0.209 0.391	0.037 -0.058 0.142	0.009 -0.043 0.077	0.006 -0.053 0.067	-0.006 -0.064 0.056	-0.013 -0.063 0.057	-0.009 -0.067 0.053	-0.001 -0.061 0.059
Coil 5 R	-0.027 -0.123 0.117	-0.029 -0.128 0.112	-0.021 -0.117 0.123	-0.019 -0.118 0.122	-0.015 -0.110 0.130	-0.010 -0.132 0.108	-0.007 -0.135 0.105	-0.001 -0.134 0.106
Coil 5 Q	0.191 -0.446 0.784	0.046 -0.203 0.297	0.006 -0.090 0.150	0.011 -0.109 0.131	-0.005 -0.104 0.136	-0.012 -0.098 0.142	-0.005 -0.109 0.131	-0.019 -0.115 0.127
Coil 6 R	-0.028 -0.301 0.299	-0.052 -0.323 0.277	-0.058 -0.372 0.228	-0.022 -0.337 0.283	-0.018 -0.359 0.241	0.036 -0.343 0.257	0.047 -0.324 0.278	-0.055 -0.318 0.282
Coil 6 Q	0.253 -1.298 1.702	0.093 -0.533 0.667	0.028 -0.267 0.333	-0.015 -0.279 0.321	-0.032 -0.302 0.298	-0.059 -0.292 0.308	0.016 -0.326 0.274	0.099 -0.360 0.240
ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	127.97 125.59 130.51	127.05 124.48 129.56	125.06 122.54 127.54	122.01 119.42 124.29	117.64 115.32 120.02	112.29 109.91 114.40	105.69 103.67 107.90	98.04 96.10 100.02
Coil 0 P	7.355 4.306 10.306	23.325 20.179 26.179	39.145 35.877 41.877	54.969 51.593 57.593	70.871 67.323 73.323	86.688 83.100 89.100	102.648 98.797 104.797	118.261 114.457 120.457
Coil 1 M	223.83 219.35 228.30	222.11 217.61 226.49	218.31 215.98 222.72	212.60 208.02 216.51	204.24 200.28 208.46	194.15 190.05 197.80	181.85 178.28 185.56	167.49 164.19 170.89
Coil 1 P	7.439 4.237 10.237	23.932 20.729 26.729	40.176 36.893 42.893	56.431 53.056 59.056	72.781 69.225 75.225	89.042 85.415 91.415	105.304 101.468 107.488	121.264 117.446 123.446
Coil 2 M	456.35 445.99 464.20	452.31 442.00 460.04	443.77 433.88 451.59	431.18 420.95 436.13	413.41 404.27 420.77	392.20 383.13 398.77	366.89 358.84 373.48	337.83 330.81 344.10
Coil 2 P	7.714 4.551 10.551	24.444 21.243 27.243	40.954 37.657 43.857	57.424 54.044 60.044	73.963 70.362 76.362	90.295 86.658 92.658	106.615 102.780 108.780	122.622 118.778 124.778
Coil 3 M	750.16 732.92 762.83	744.79 727.64 757.34	733.20 716.52 745.77	715.54 698.31 726.81	689.63 674.04 701.55	657.29 641.76 667.95	617.38 603.61 628.25	570.10 557.51 580.27
Coil 3 P	7.686 4.628 10.628	24.291 21.133 27.133	40.755 37.470 43.470	57.270 53.872 59.872	73.913 70.320 76.320	90.509 86.844 92.844	107.201 103.305 109.305	123.599 119.702 125.702
Coil 4 M	1131.8 1103.4 1148.4	1122.6 1094.3 1139.0	1102.9 1075.4 1119.3	1073.5 1045.4 1088.0	1031.8 1006.1 1047.1	980.8 955.4 994.4	919.6 897.0 933.6	848.7 827.8 861.6
Coil 4 P	7.766 4.715 10.715	24.595 21.448 27.448	41.246 37.975 43.975	57.877 54.510 60.510	74.577 71.016 77.016	91.140 87.545 93.545	107.781 103.944 109.944	124.067 120.252 126.252
Coil 5 M	2325.1 2266.7 2359.2	2307.1 2248.8 2340.6	2268.2 2211.4 2301.7	2209.3 2151.6 2239.4	2125.3 2072.7 2157.3	2021.8 1969.7 2050.1	1896.6 1850.5 1928.0	1750.2 1707.8 1777.5
Coil 5 P	8.104 5.056 11.056	25.546 22.390 28.390	42.826 39.551 45.551	60.124 56.744 62.744	77.513 73.947 79.947	94.820 91.211 97.211	112.217 108.374 114.374	129.320 125.475 131.475
Coil 6 M	5981.2 5829.0 6066.9	5923.4 5773.3 6009.0	5804.0 5656.6 5887.5	5627.0 5478.1 5701.7	5379.6 5243.2 5457.2	5080.0 4950.3 5152.4	4726.2 4611.8 4800.0	4322.5 4220.3 4392.8
Coil 6 P	8.754 5.692 11.692	27.448 24.279 30.279	45.955 42.661 48.661	64.448 61.034 67.034	82.984 79.377 85.377	101.383 97.712 103.712	119.842 115.883 121.883	137.867 133.973 139.973

GR PRIMARY CALIBRATION SUMMARY											
TOOL #:				1329XA 153174							
DATE/TIME PERFORMED:				Wed Aug 17 14:00:43 2005							
UNIT #:				3880TC 006558		CALB JIG #:				4702NK DA-303	
BACKGROUND CALBRTR ON		CR DIFF		MULT		BACKGROUND CALBRTR ON		CALBRTR			
(cts/s)		(cts/s)		(cts/s)		(gAPI)		(gAPI)		(gAPI)	
GR	425.87	1305.67	879.8	0.170	72.61	222.61	150				
		870.0 980.0									

GR PRIMARY VERIFICATION SUMMARY											
TOOL #:				1329XA 153174							
DATE/TIME PERFORMED:				Wed Aug 17 14:07:10 2005							
UNIT #:				3880TC 006558		VERI JIG #:				4702NK DA-303	
BACKGROUND CALBRTR ON		MULT		BACKGROUND CALBRTR ON		DIFF					
(cts/s)		(cts/s)		(gAPI)		(gAPI)		(gAPI)			
GR	429.64	1283.24	0.170	73.25	219.64	146.39					
						7.00 160.00					

GR BEFORE LOG VERIFICATION SUMMARY									
NOT DONE									

GR AFTER LOG VERIFICATION SUMMARY									
NOT DONE									

 Baker Atlas	COMPANY WELL FIELD PROVINCE	PARAMOUNT RESOURCES LTD. PARAMOUNT ET AL LIARD k-29A LIARD NORTH WEST TERRITORIES				FILE NO:	
						API NO:	
	LOCATION: LIC #: 1125	ELEVATIONS:				URL:	
		KB 416.4 M DF GL 409.6 M DATE 21-Sep-2005				300k296030123303	