



Baker Atlas



FILE NO: 141758
 COMPANY: CPC MINERAL, LLC
 WELL: CPC 17-1
 FIELD: MILD CAT
 COUNTY: BONNEVILLE
 STATE: IDAHO

Ver. 3.87
 LOCATION: SHL: 705' FML & 2264' FSL
 SEC 17 TWP 3S RGE 43E
 OTHER SERVICES: ZDL/CN, XMAC, PLUG, CEMENT

PERMANENT DATUM: G.L. ELEVATION 6413.4 FT
 LOG MEASURED FROM: K.B. 22 FT ABOVE P.D.
 DRILL. MEAS. FROM: K.B.
 ELEVATIONS: KB 6435.4 FT, DF, GL 6413.4 FT

DATE	14-DEC-2007	
RUN	TRIP	3 1
SERVICE ORDER	536433	
DEPTH DRILLER	9428 FT	
DEPTH LOGGER	9400 FT	
BOTTOM LOGGED INTERVAL	9400 FT	
TOP LOGGED INTERVAL	8915 FT	
CASING DRILLER	7 IN 8174 FT	
CASING LOGGER	8195 FT	
BIT SIZE	6.125 IN	
TYPE OF FLUID IN HOLE	HBM	
DENSITY	8.5 LB/G	38 S
PH	8.5	15.4 C3
SOURCE OF SAMPLE	FLOWLINE	
RM AT MEAS. TEMP.	1.35 OHM	60 DEGF
RMF AT MEAS. TEMP.	1.25 OHM	60 DEGF
RMC AT MEAS. TEMP.	1.5 OHM	60 DEGF
SOURCE OF RMF	MEASURED	MEASURED
RM AT BHT	0.21 OHM	432 DEGF
TIME SINCE CIRCULATION	13 HOURS	
MAX. RECORDED TEMP.	432 DEGF	
EQUIP. NO.	HL-6685	ROCK SPRGS.
RECORDED BY	PEAVEY/BUSKER	
WITNESSED BY	RHODD/CLEGG	

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS

RUN 3 TRIP 1 : LOG TIED IN WITH BAKER RUN 2 LOG AND LOGGED WITH HIGH TEMP NAUTILUS TOOLS. DOWNHOLE TEMPERATURES REACHED 432.7 DEGS. LACKED 44' FROM GETTING TO TD DUE TO HOLE PROBLEMS. ACOUSTIC QUIT FROM 9192 - 9248' DUE TO HEAT RELATED TOOL PROBLEMS. COULD NOT PERFORM HDIL AFTER LOG DUE TO HEAT RELATED COMMS. REPEAT SECTION WAS TAKEN FROM THE DOWN LOG SO THAT HEAT EXPOSURE WAS KEPT TO A MINIMUM.

CUOL COMPUTED USING 4.5" CASING
 CUOL & BUOL IN CUBIC FEET
 CALIPER VERIFIED IN CASING

THANKS FOR CHOOSING BAKER ATLAS... THE BEST CHOICE!
 CREW: PEAVEY/BUSKER/ADAMS/CROCHET
 RIG: CYCLONE #20

EQUIPMENT DATA			
RUN	TRIP	TOOL	POSITION
3	1	SNUL	FREE
		SERIES NO. 3944XD	SERIAL NO. 78035

3	|	TIRM	3981XA	10084082	FREE
3	|	WTS	3514XB	10042835	FREE
3	|	DSL	1329XA	10041656	FREE
3	|	CN	2447XA	10040679	FREE
3	|	ZDL	2233MA	10129053	DECENT.
3	|	KNJT	3939XA	184391	FREE
3	|	XMAC	1667EA	117153	CENTRALIZED
3	|	XMAC	1678MA	188383	CENTRALIZED
3	|	XMAC	1668BA	188355	CENTRALIZED
3	|	XMAC	1668FA	152718	CENTRALIZED
3	|	HDIL	1515EA/MA	10064833/10067532	STAND-OFF

MAIN LOG 2"/100FT SCALE

ECLIPS 5.1i Sep 16, 2005
 Updates: 1,2,3,33,38,40,42

Fri Dec 14 23:35:51 2007

Pcrplt /main/61 Cplot 9.27 Pdf_Cpp /main/16 Fileview 5.08

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/14175b/N87ba03.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 8335.250 ft BOTTOM DEPTH: 9241.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium (1)		TOP	BOTTOM
CALIPER	FILTER ()	medium (1)		..	..
	FILTER (.h)	medium (1)		..	..
	FILTER (.i)	medium (1)		..	..
	FILTER ()	medium (1)		..	..
GR	FILTER ()	medium (1)		..	..
SP-SPDH	FILTER ()	medium (1)		..	..

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
BIT SIZE	BIT SIZE	6.125	in	TOP	BOTTOM
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh#)	USE CALIPER		..	..
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh#)	6.125	in	..	..
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	MUD SAMP DERIVED		..	..
MUD VALUES	MUD SAMPLE TEMP	60.0	degF	..	..
	MUD SAMPLE RES	1.350	ohm.m	..	..
	MUD REFERENCE TEMP	60.0	degF	..	..
	TEMP GRADIENT	3.000	0.01 degF/ft	..	..

SP CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
SP CONTROL	Tool/Bridle	CH/BRIDLE		TOP	BOTTOM

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		..	..
	ABC to CALCULATE	MUD CONDUCTIVITY		..	..
	STANDOFF	0.50	in	..	..
	TOOL POSITION	ECCENTERED		..	..
	Rmud MULTIPLIER	1.000		..	..

CURVE DESCRIPTION REPORT

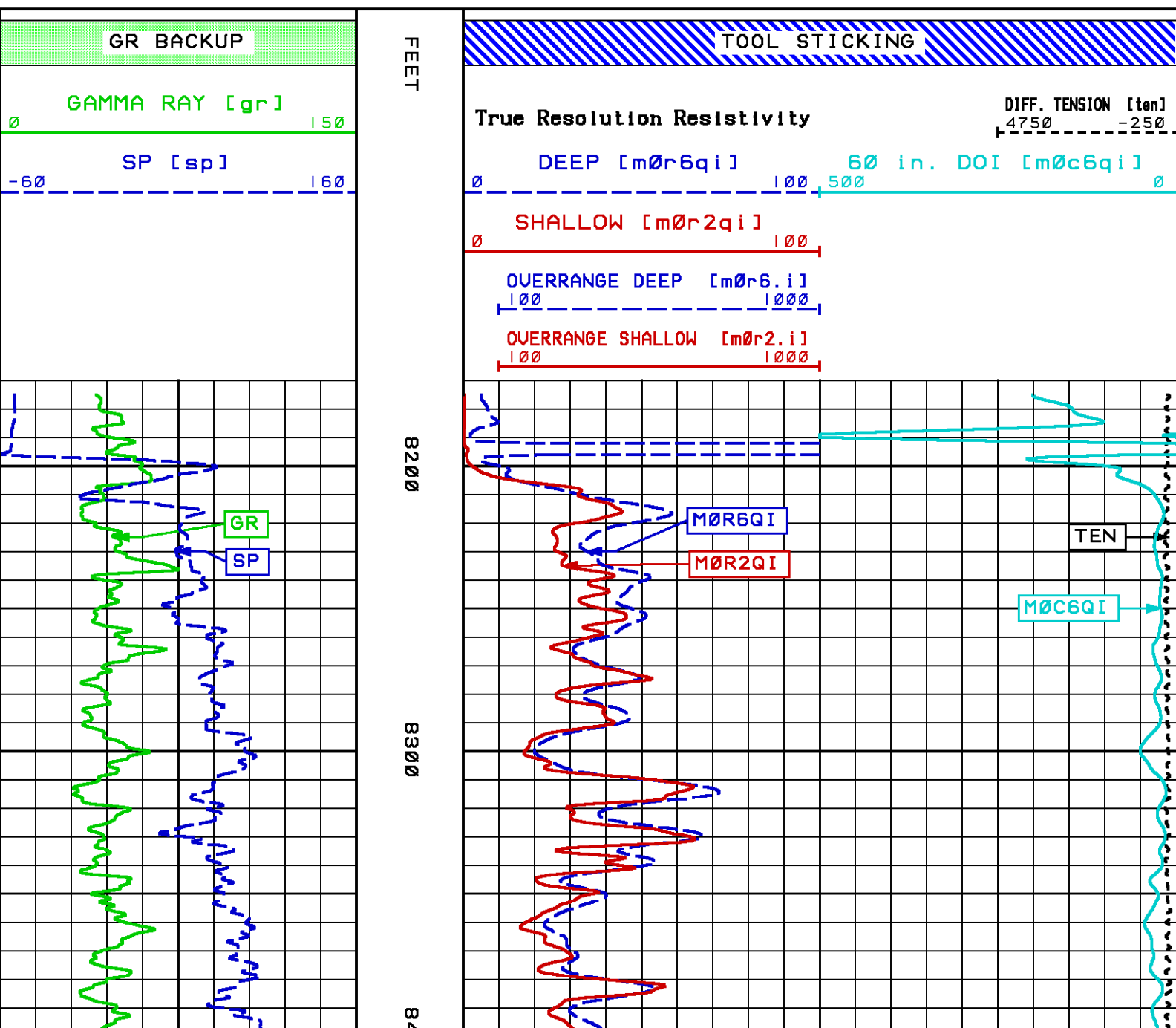
CURVE NAME CURVE ALIAS CREATION DATE CURVE DESCRIPTION

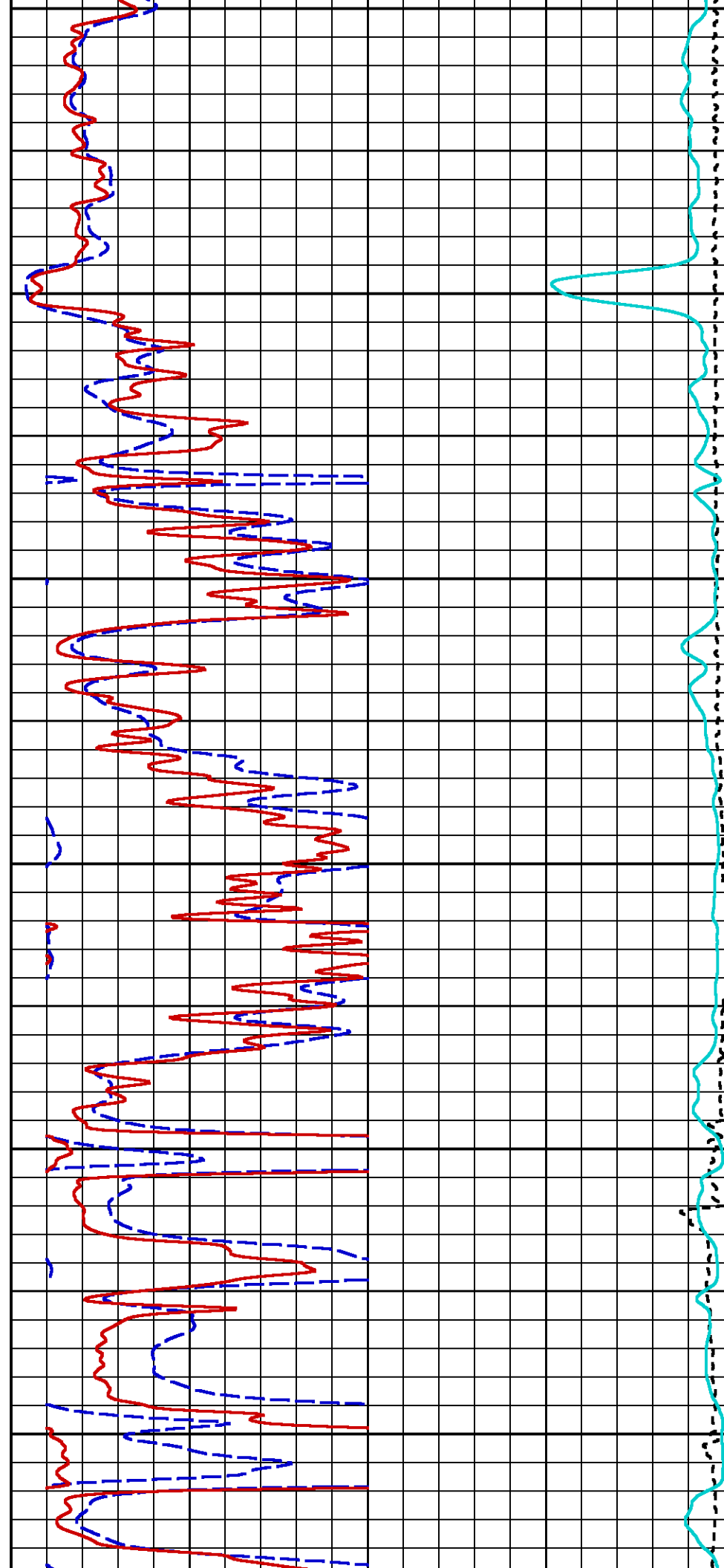
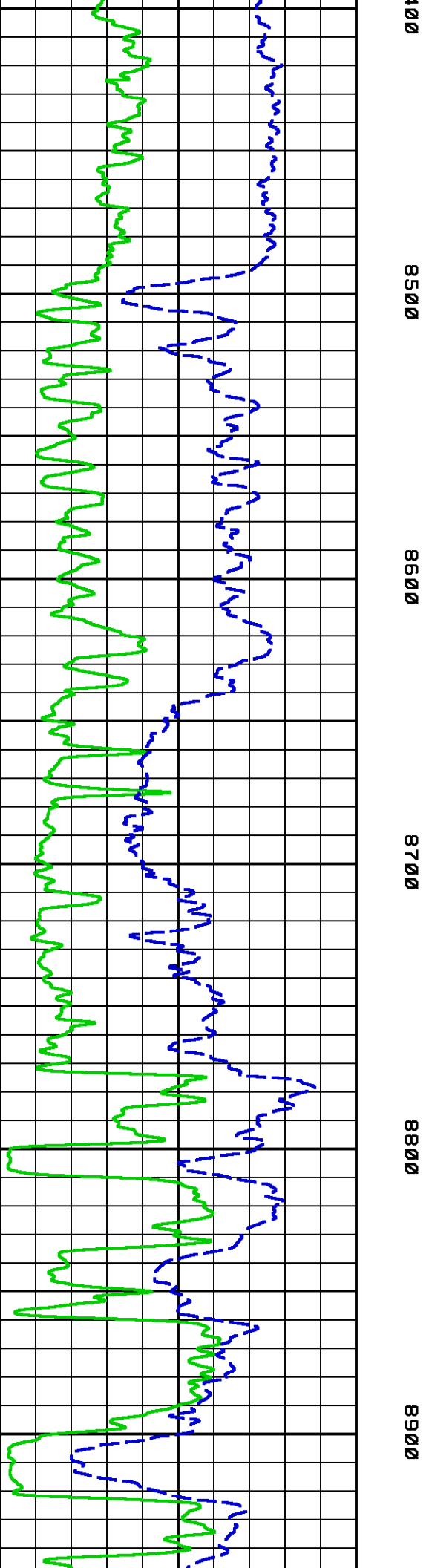
CURVE NAME	CURVE CURVE	CREATION DATE	CURVE DESCRIPTION
FI:GR	GR	Dec 14 16:45:11 2007	GAMMA RAY
FI:M0C6QI	M0C6.I	Dec 14 16:45:11 2007	HDIL FOCUSED CONDUCTIVITY - 60" INVESTIGATION
FI:M0R2QI	M0R2L.I	Dec 14 16:45:11 2007	TRUE FOCUSED RESISTIVITY FOR HDIL - DOI 20 INCH
FI:M0R6QI	M0R6L.I	Dec 14 16:45:11 2007	TRUE FOCUSED RESISTIVITY FOR HDIL - DOI 60 INCH
FI:SP	SP	Dec 8 12:58:48 2007	SPONTANEOUS POTENTIAL
FI:TEN	TEN	Dec 14 16:45:11 2007	DIFFERENTIAL TENSION

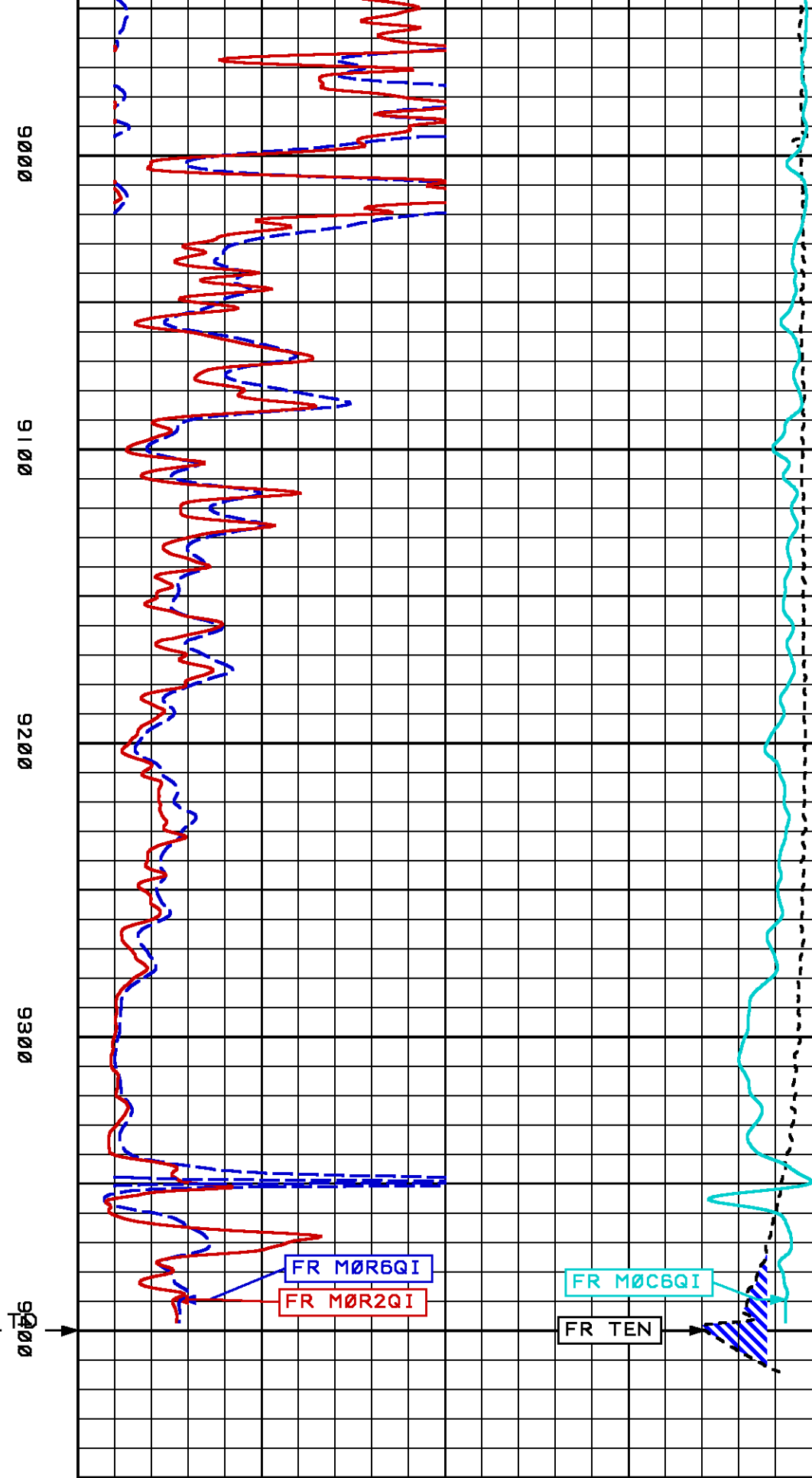
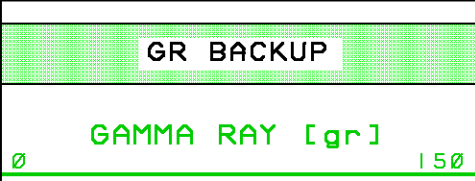
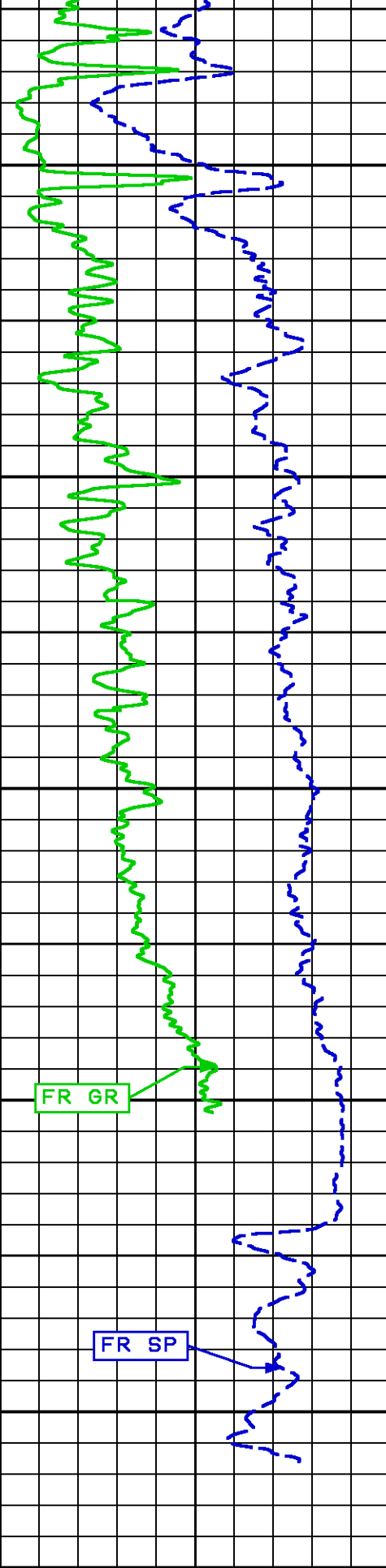
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
GR	110.50	M0R2QI	10.50	SP	14.00		
M0C6QI	10.50	M0R6QI	10.50	TEN	0.00		

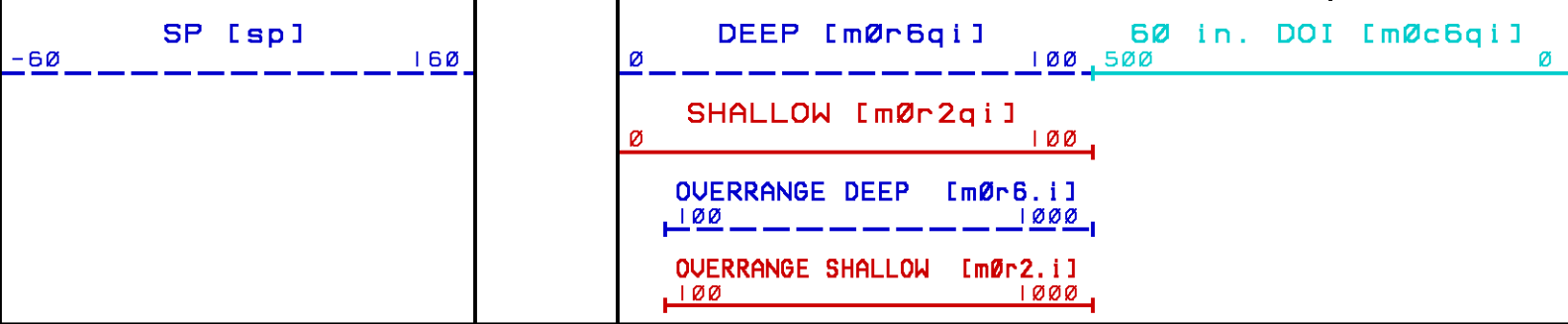
Presentation : rks6685\data\14175b\HDIL_2IN_MAIN_R3.pdf [2"/100' Scale]
 Plot Interval : 8175 - 9448.75 Feet
 Data File 1 : FI : rks6685\data\14175b\final.xtf
 Created On : Dec 8 12:58:48 2007
 Company : CPC MINERAL, LLC
 Well : CPC 17-1
 Field : WILDCAT
 File Interval: 7812 - 9448.75 Feet
 Oct : N87ba







FEET



MAIN LOG 5"/100FT SCALE

ECLIPS 5.1i Sep 16, 2005
 Updates: 1,2,3,33,38,40,42

Fri Dec 14 23:44:12 2007

Pcrplt /main/61 Cplot 9.27 Pdf_Cpp /main/16 Fileview 5.08

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/14175b/N87ba03.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 8335.250 ft BOTTOM DEPTH: 9241.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium ()		TOP	BOTTOM
CALIPER	FILTER ()	medium ()		''	''
	FILTER (.h)	medium ()		''	''
	FILTER (.i)	medium ()		''	''
GR	FILTER ()	medium ()		''	''
SP-SPDH	FILTER ()	medium ()		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	4.500	in	TOP	BOTTOM
BIT SIZE	BIT SIZE	6.125	in	''	''
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh#)	USE CALIPER		''	''
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh#)	6.125	in	''	''
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	MUD SAMP DERIVED		''	''
MUD VALUES	MUD SAMPLE TEMP	60.0	degF	''	''
	MUD SAMPLE RES	1.350	ohm.m	''	''
	MUD REFERENCE TEMP	60.0	degF	''	''
	TEMP GRADIENT	3.000	0.01 degF/ft	''	''

SP CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
SP CONTROL	Tool/Bridge	CH/BRIDGE		TOP	BOTTOM

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		''	''
	ABC to CALCULATE	MUD CONDUCTIVITY		''	''
	STANDOFF	0.50	in	''	''
	TOOL POSITION	ECCENTERED		''	''
	Rmud MULTIPLIER	1.000		''	''

CURVE DESCRIPTION REPORT

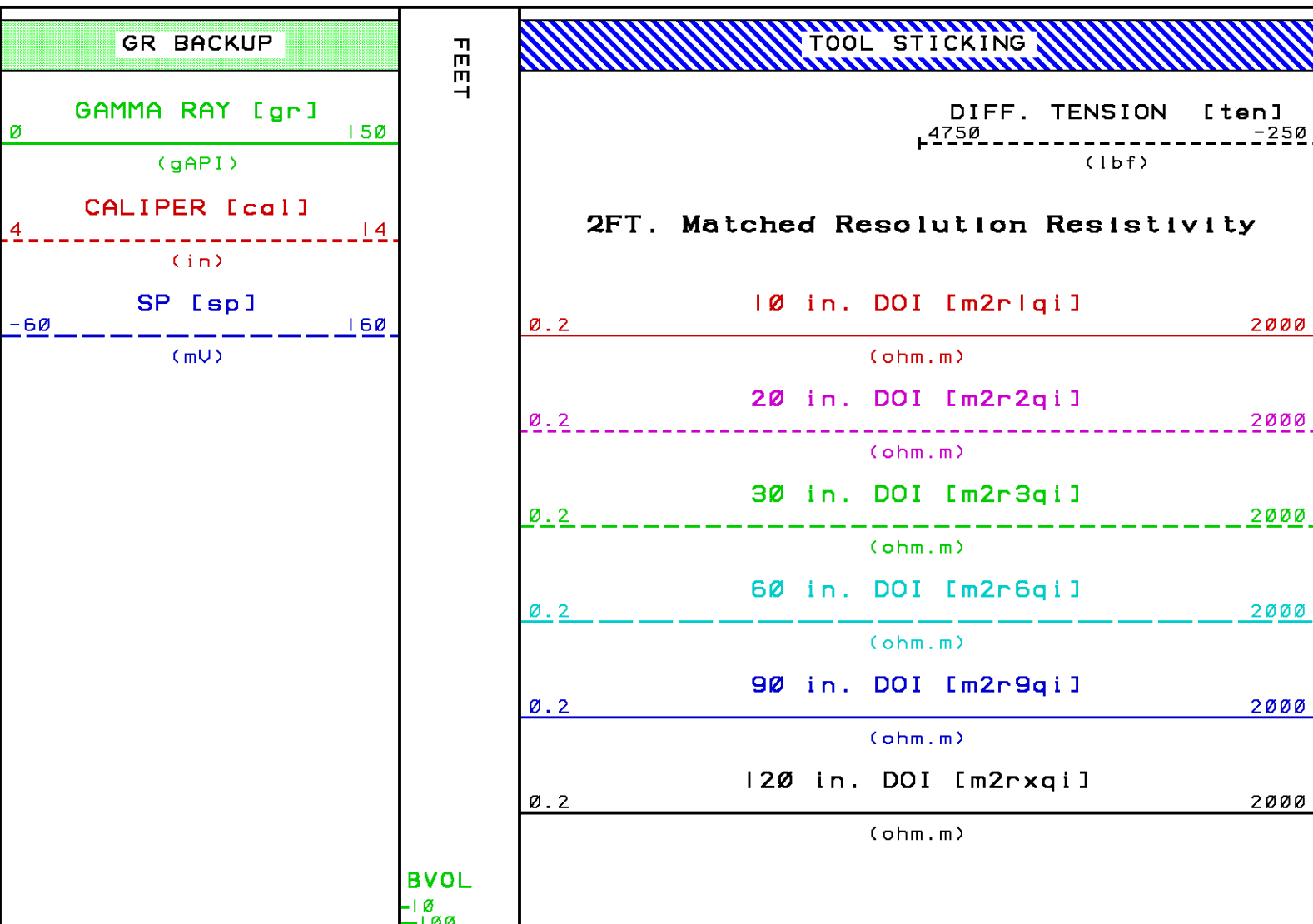
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
FI:BVOL	BVOL	Dec 14 16:45:11 2007	BOREHOLE VOLUME
FI:CAL	CAL	Dec 14 16:45:11 2007	CALIPER
FI:CVOL	CVOL	Dec 14 16:45:11 2007	CEMENT VOLUME
FI:GR	GR	Dec 14 16:45:11 2007	GAMMA RAY
FI:M2R1QI	M2R1.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 10 INCH
FI:M2R2QI	M2R2.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
FI:M2R3QI	M2R3.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH
FI:M2R6QI	M2R6.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH
FI:M2R9QI	M2R9.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH
FI:M2RXQI	M2RX.I	Dec 14 16:45:11 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
FI:SP	SP	Dec 8 12:58:48 2007	SPONTANEOUS POTENTIAL
FI:TEN	TEN	Dec 14 16:45:11 2007	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

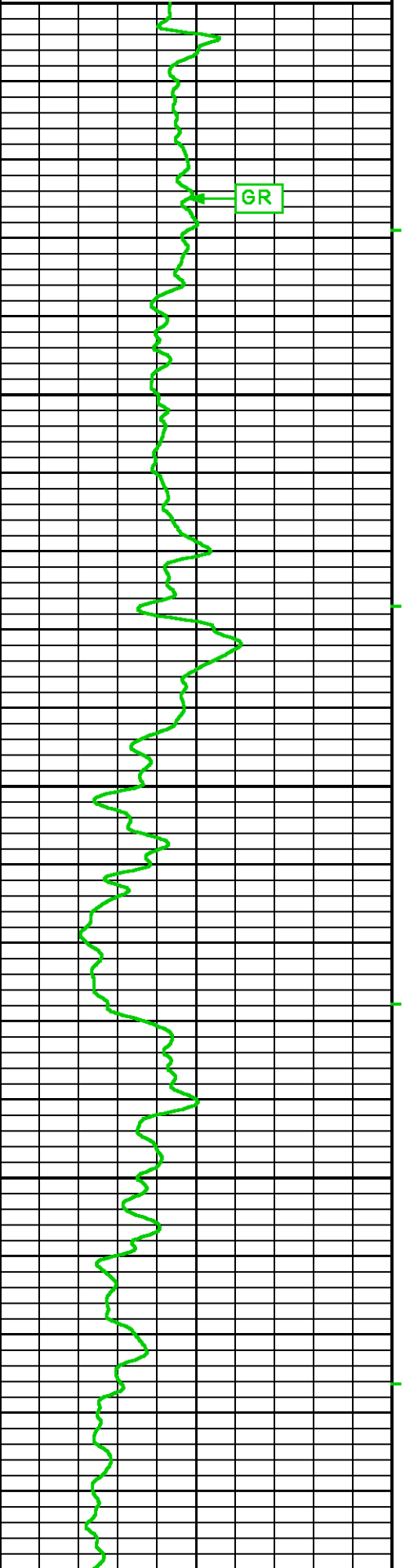
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CAL	130.50	M2R2QI	10.50	M2R9QI	10.50	TEN	0.00
GR	110.50	M2R3QI	10.50	M2RXQI	10.50		
M2R1QI	10.50	M2R6QI	10.50	SP	14.00		

Presentation : rks6685:/data/14175b/HDIL_5IN_MAIN_R3.pdf [5"/100' Scale]
Plot Interval : 7950 - 9448.75 Feet

Data File 1 : FI : rks6685:/data/14175b/final.xtf
Created On : Dec 8 12:58:48 2007
Company : CPC MINERAL, LLC
Well : CPC 17-1
Field : WILDCAT
File Interval: 7812 - 9448.75 Feet
Oct : N87ba

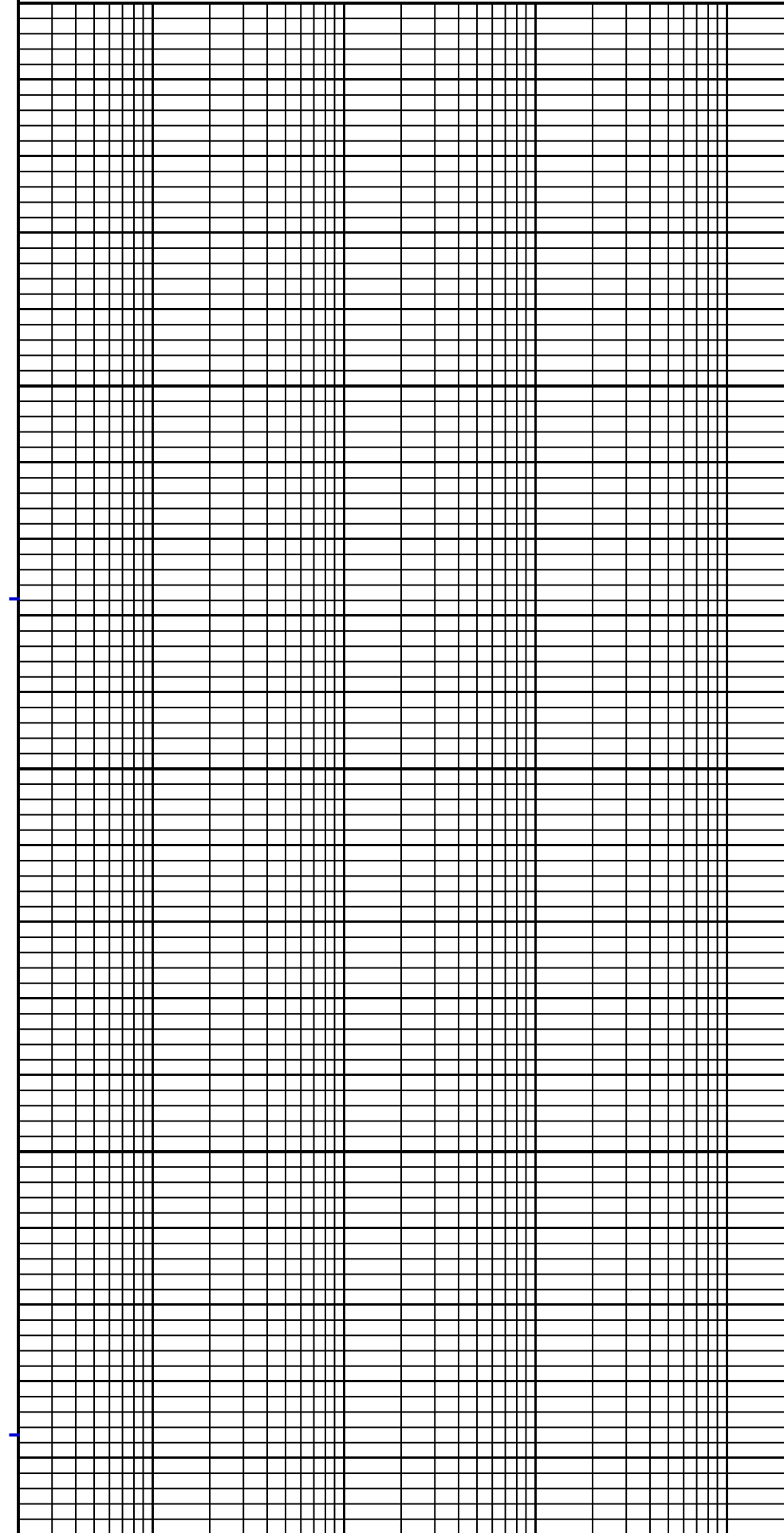


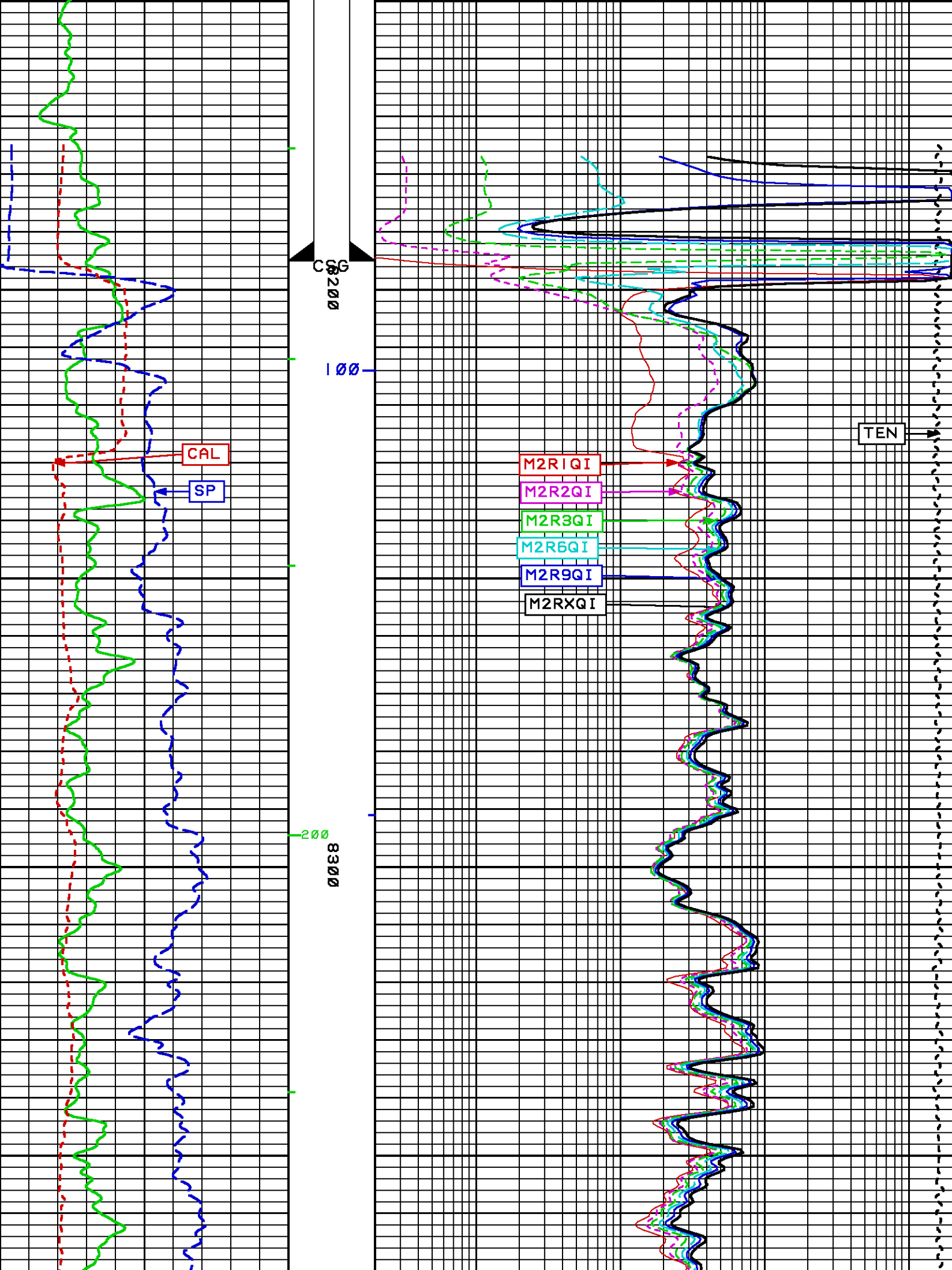
CVOL
100
1000
10000

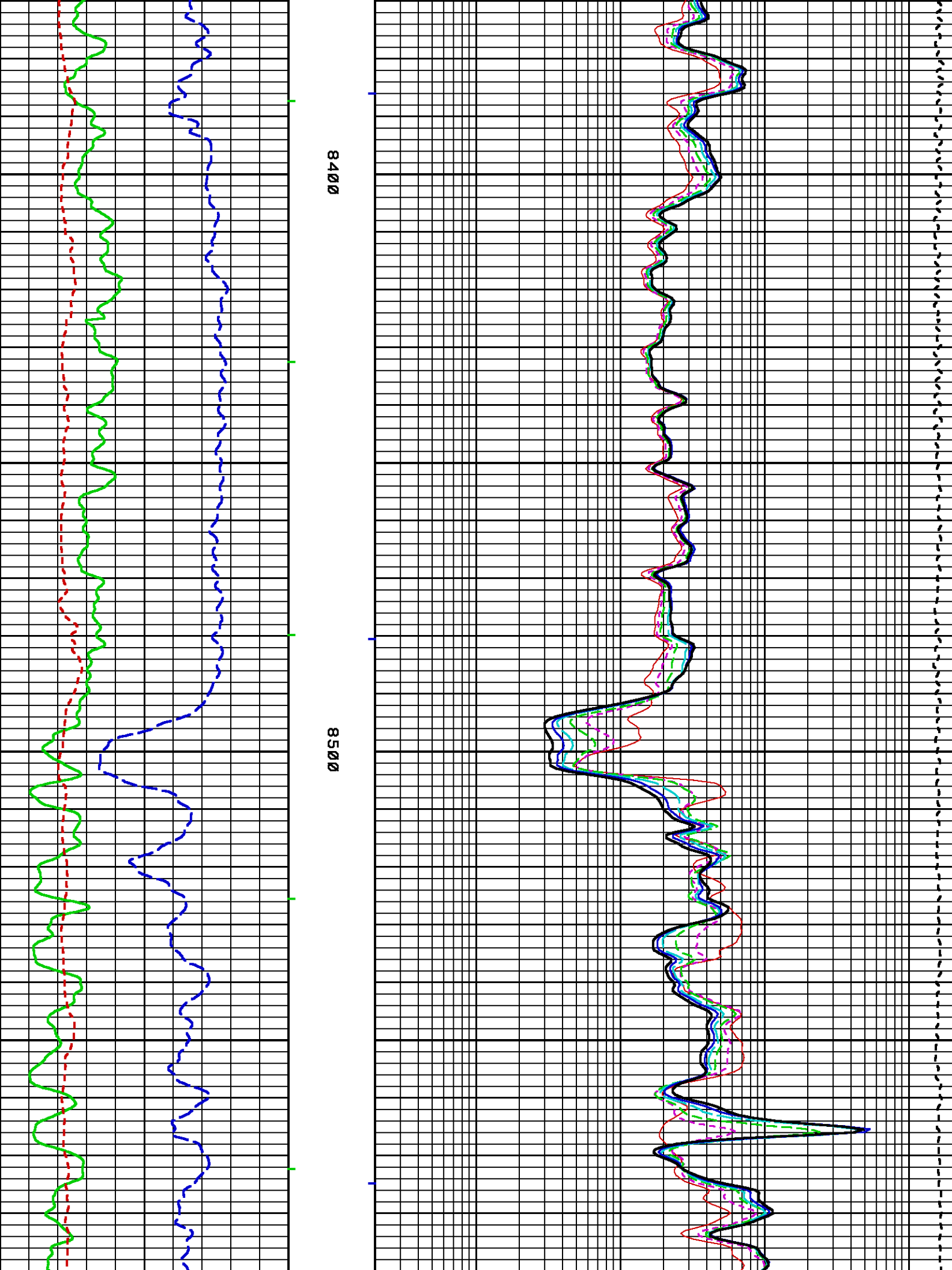


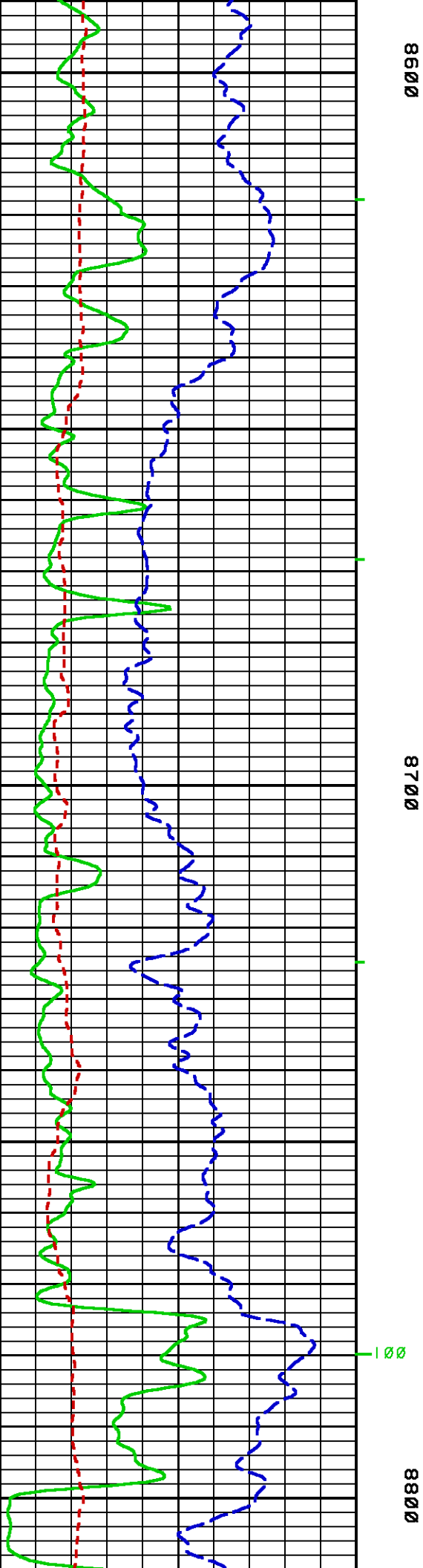
0008

0018







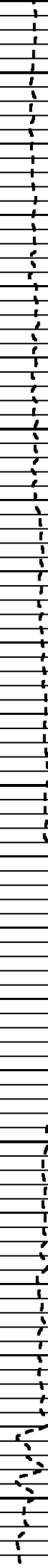
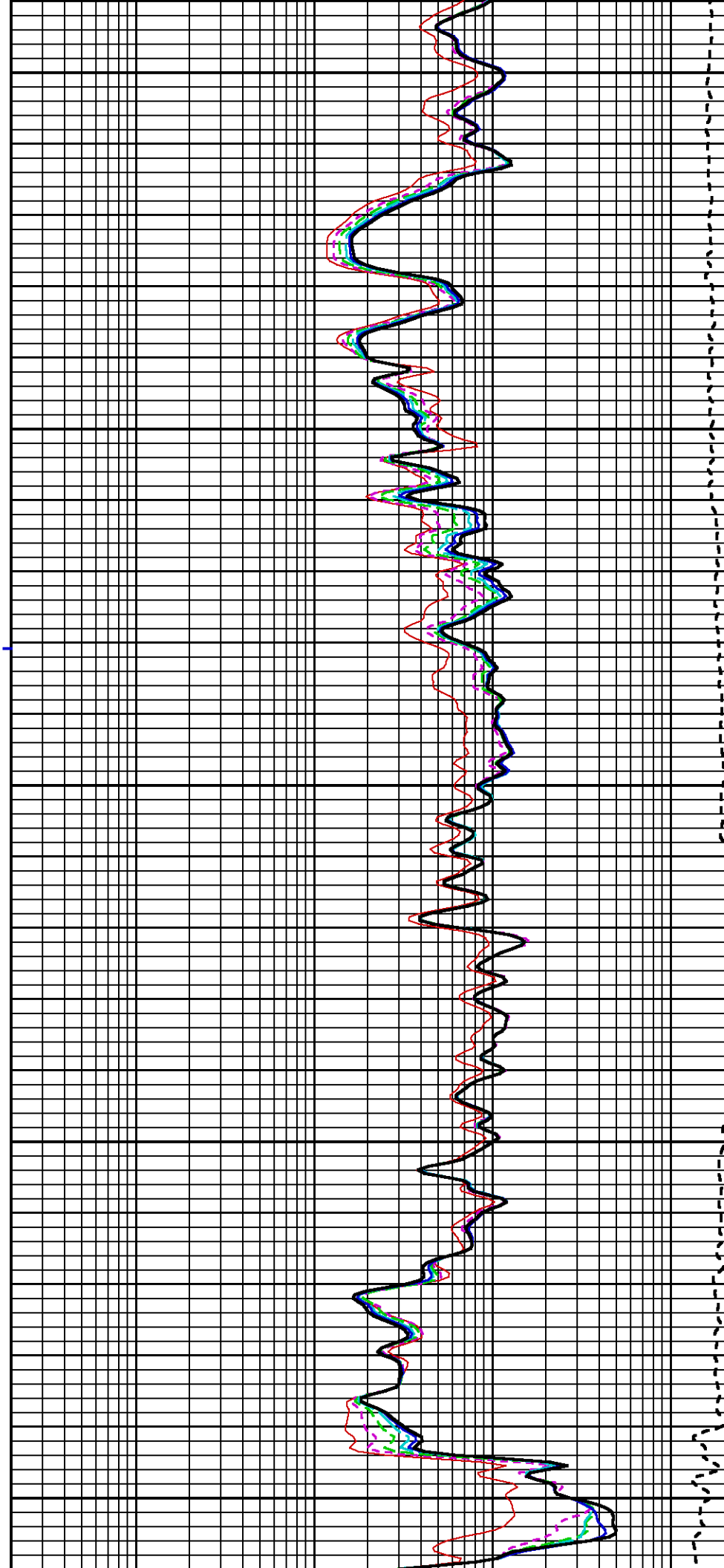


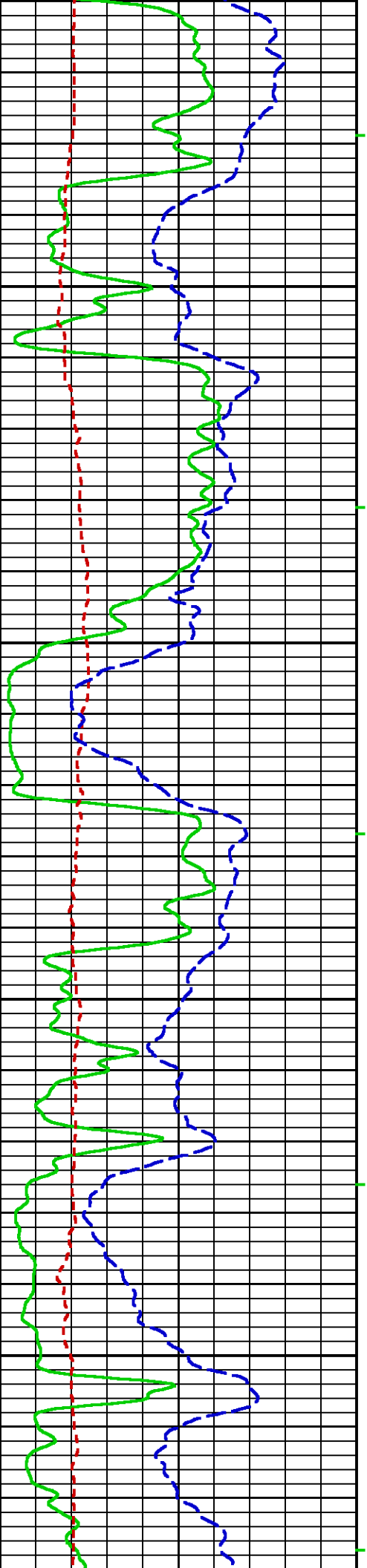
0000

8700

8800

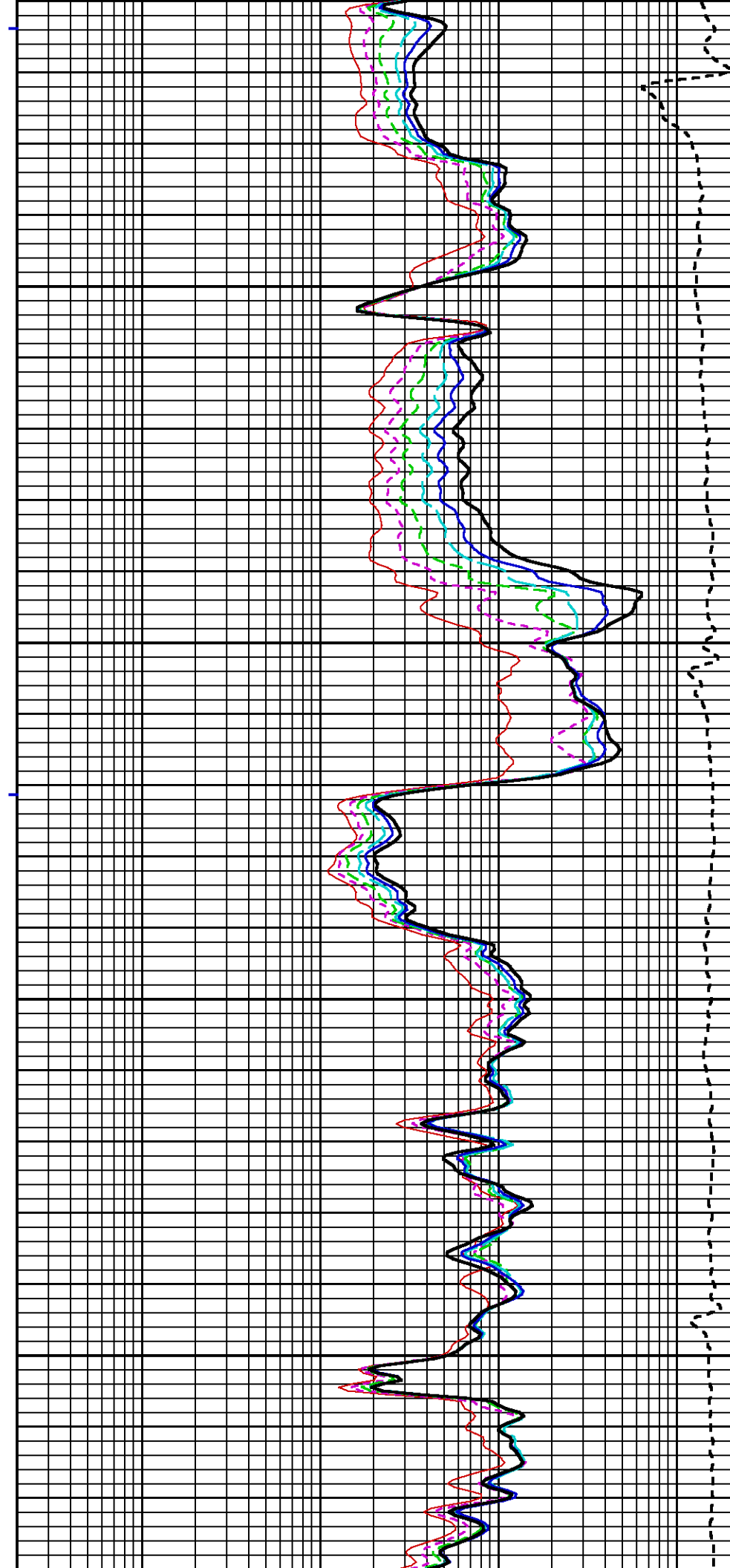
100

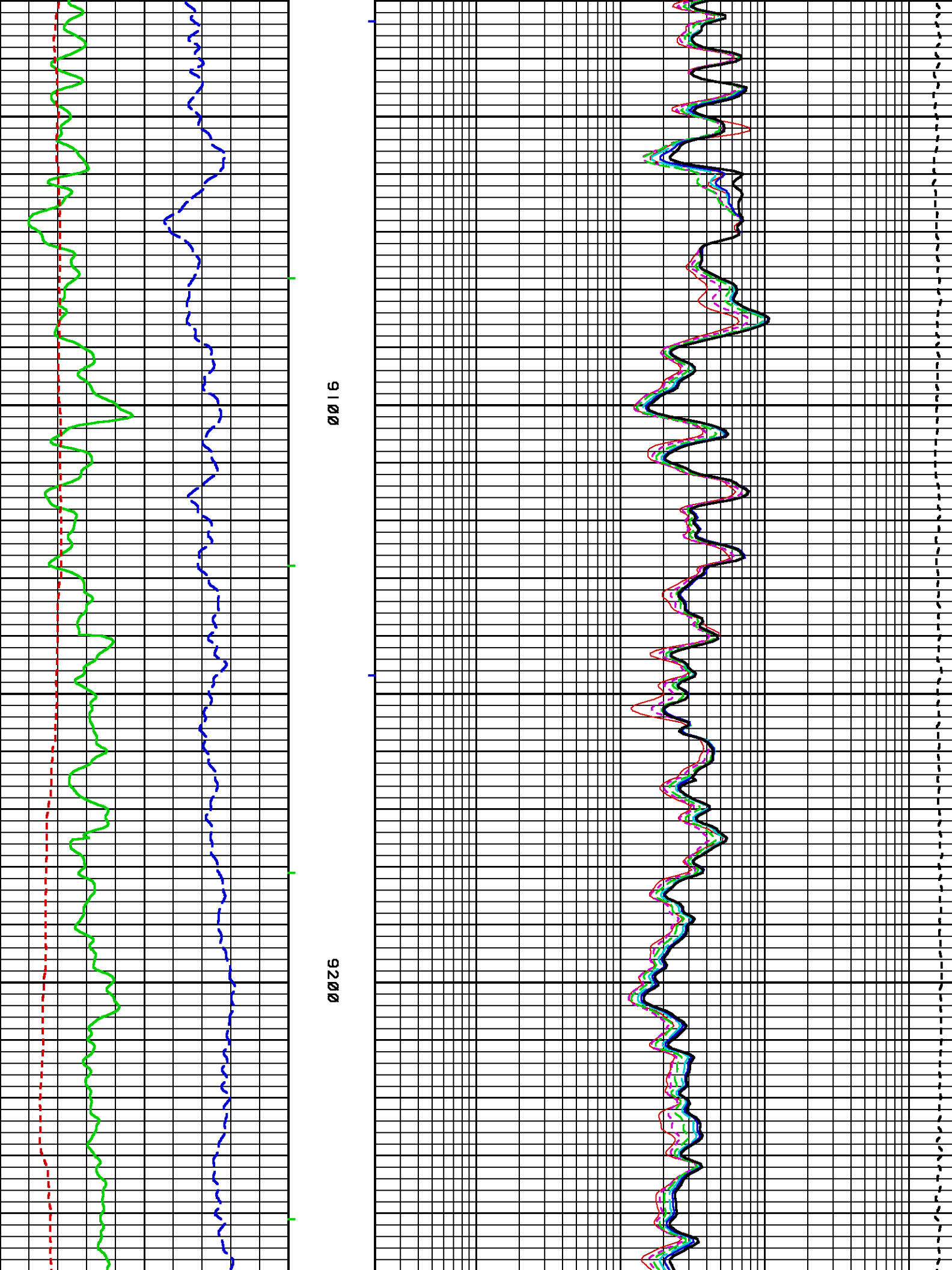


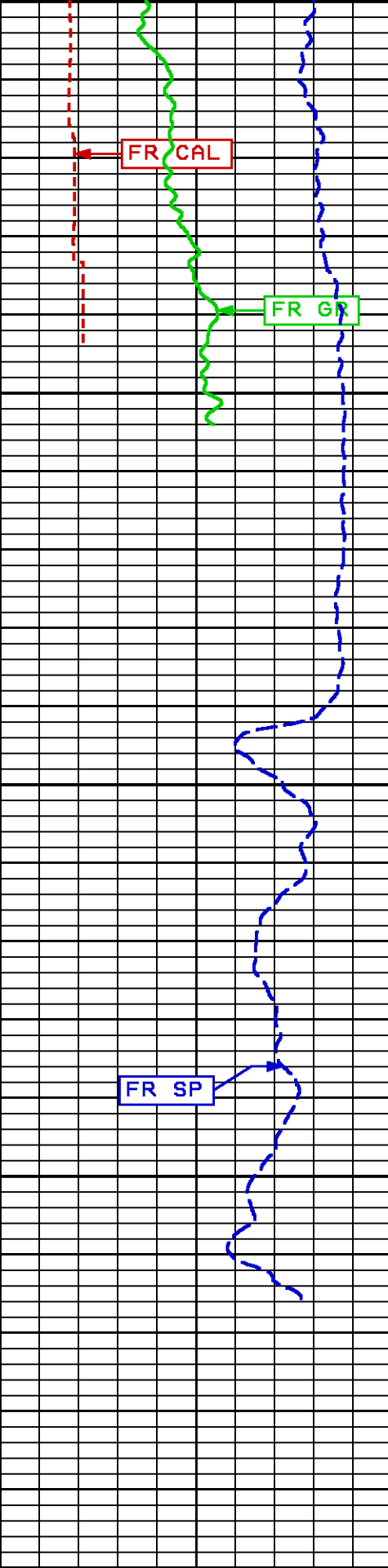


0068

0005







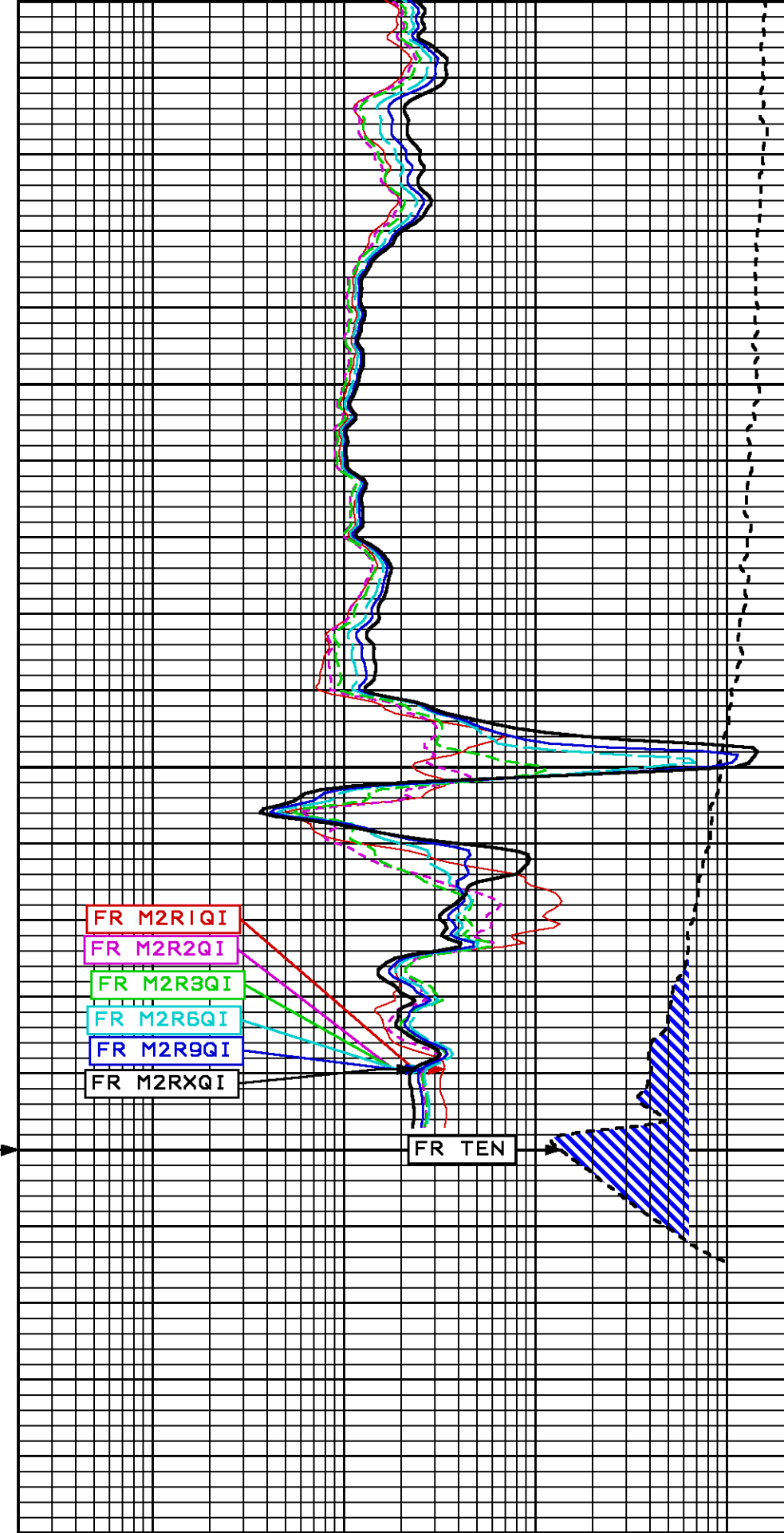
0000

0006

FEET

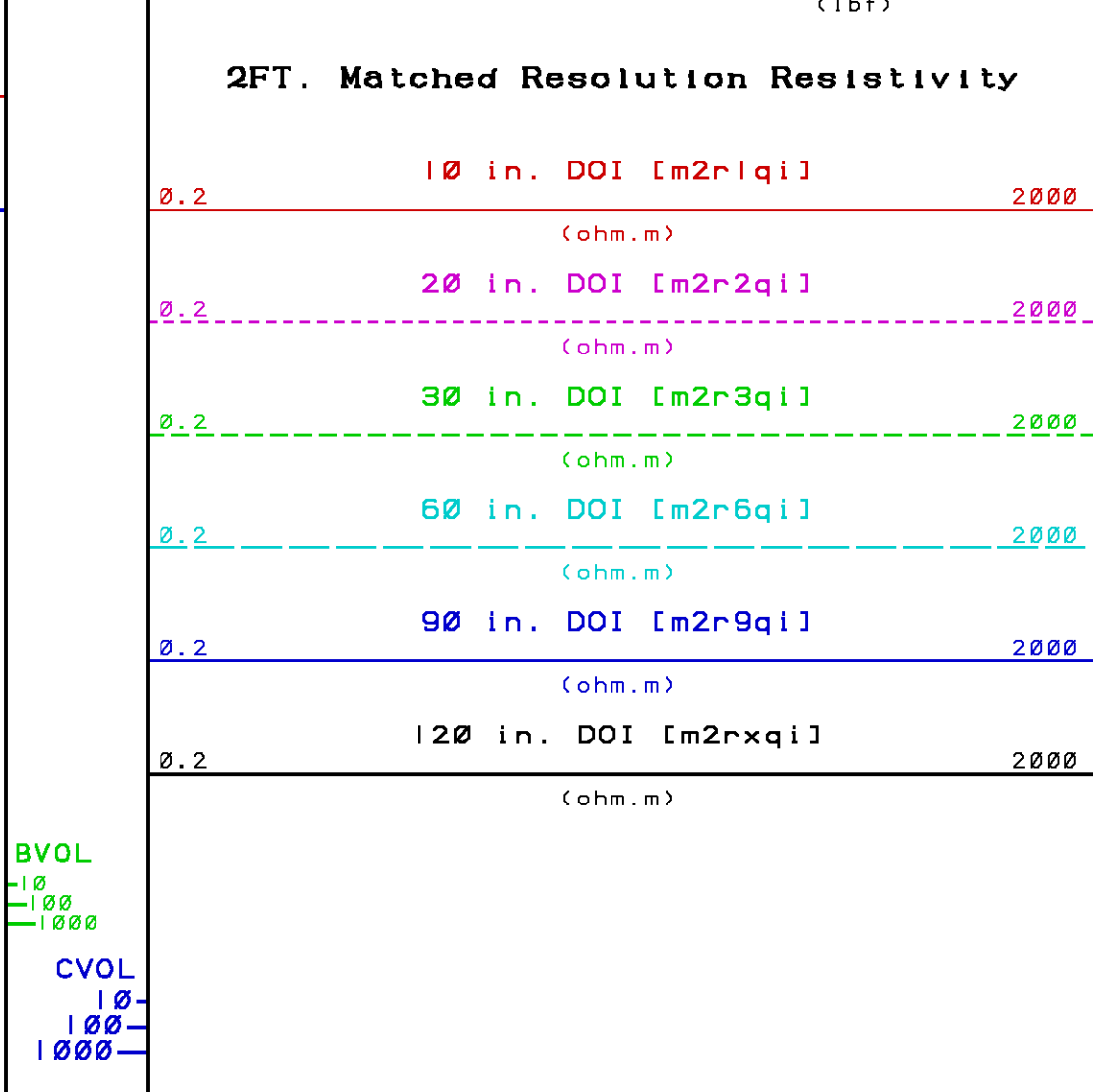
GR BACKUP

GAMMA RAY [gr] 150



TOOL STICKING

DIFF. TENSION [ten] 4750 -250



REPEAT LOG

ECLIPS 5.1i Sep 16, 2005 Fri Dec 14 23:42:38 2007
 Updates: 1,2,3,33,38,40,42

Pcrplt /main/61 Cplot 9.27 Pdf_Cpp /main/16 Fileview 5.08

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/14175b/N87ba01.prm
 LOGGING MODE: DEPTH DIRECTION: DOWN
 TOP DEPTH: 8225.188 ft BOTTOM DEPTH: 9393.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium ()		TOP	BOTTOM
CALIPER	FILTER ()	medium ( )		..	..
	FILTER (.h)	medium ( )		..	..
	FILTER (.i)	medium ( )		..	..
GR	FILTER (.i)	medium ()	

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
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BIT SIZE	BIT SIZE	6.125	in	TOP	BOTTOM
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh#)	USE CALIPER	
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh#)	6.125	in	..	..
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	MUD SAMP DERIVED		..	..
MUD VALUES	MUD SAMPLE TEMP	60.0	degF	..	..
	MUD SAMPLE RES	1.350	ohm.m	..	..
	MUD REFERENCE TEMP	60.0	degF	..	..
	TEMP GRADIENT	3.000	0.01 degF/ft	..	..

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		..	..
	ABC to CALCULATE	MUD CONDUCTIVITY		..	..
	STANDOFF	0.50	in	..	..
	TOOL POSITION	ECCENTERED		..	..
	Rmud MULTIPLIER	1.000		..	..

CURVE DESCRIPTION REPORT

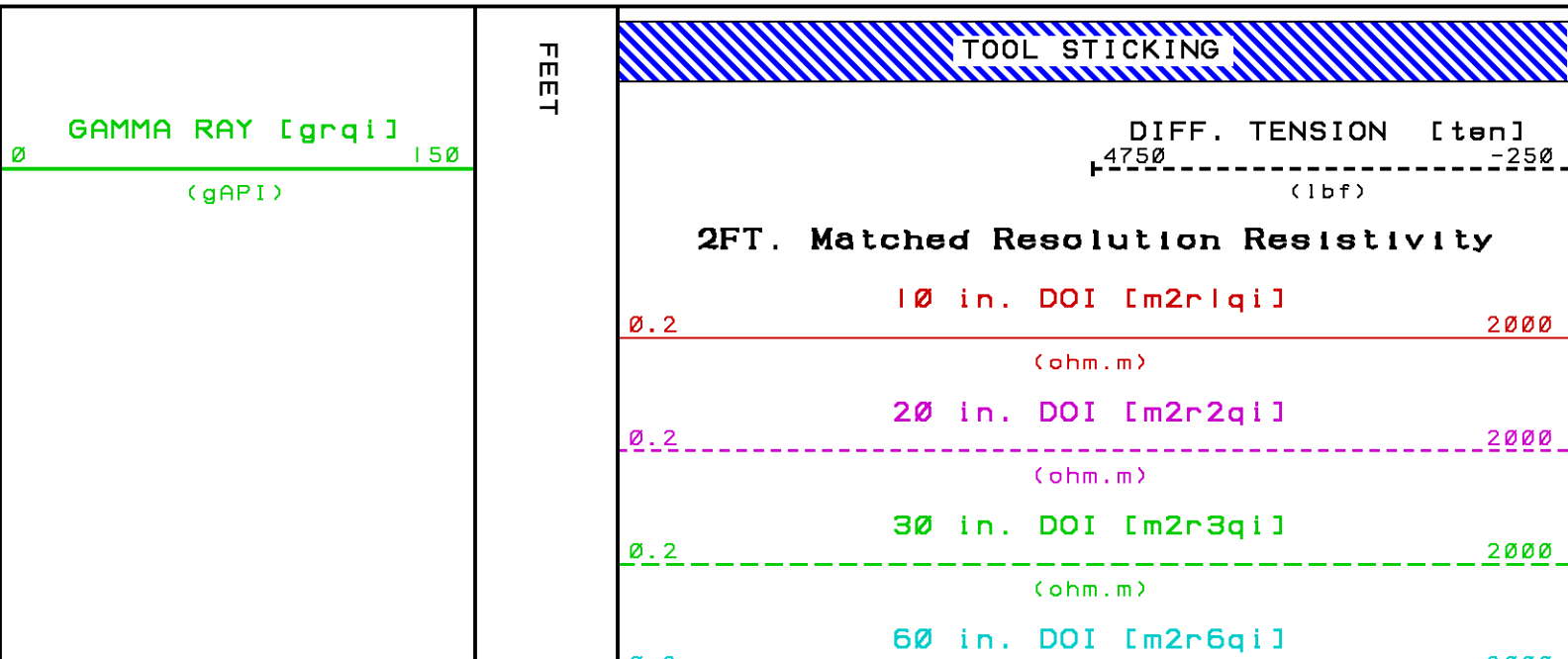
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
FI:GRQI	GRQI	Dec 14 16:05:43 2007	GAMMA RAY
FI:M2RIQI	M2RI.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 10 INCH
FI:M2R2QI	M2R2.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
FI:M2R3QI	M2R3.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH
FI:M2R6QI	M2R6.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH
FI:M2R9QI	M2R9.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH
FI:M2RXQI	M2RX.I	Dec 14 16:05:43 2007	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
FI:TEN	TEN	Dec 14 16:05:43 2007	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
GRQI	110.50	M2R2QI	10.50	M2R6QI	10.50	M2RXQI	10.50
M2RIQI	10.50	M2R3QI	10.50	M2R9QI	10.50	TEN	0.00

Presentation : rks6685:/data/14175b/HDIL_SIN_REPEAT_R3.pdf [5"/100' Scale]
 Plot Interval : 8750 - 8950 Feet

Data File 1 : FI : rks6685:/data/14175b/REPEAT_R3.xtf
 Created On : Dec 14 16:05:43 2007
 Company : CPC MINERAL, LLC
 Well : CPC 17-1
 Field : WILDCAT
 File Interval: 0 - 8950 Feet
 Oct : N87ba



0.2

2000

(ohm.m)

90 in. DOI [m2r9qi]

0.2

2000

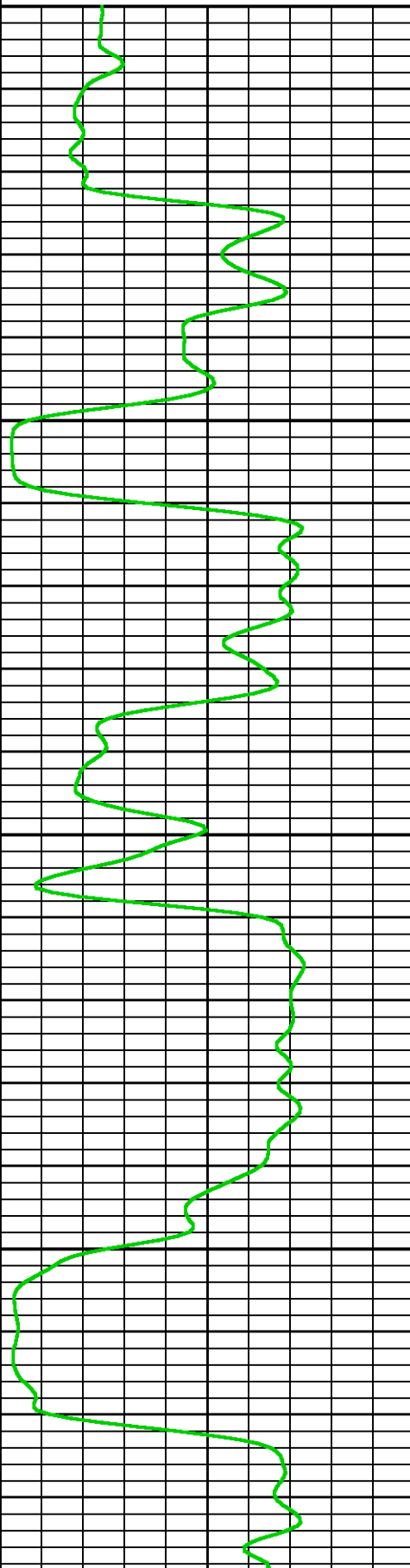
(ohm.m)

120 in. DOI [m2rxqi]

0.2

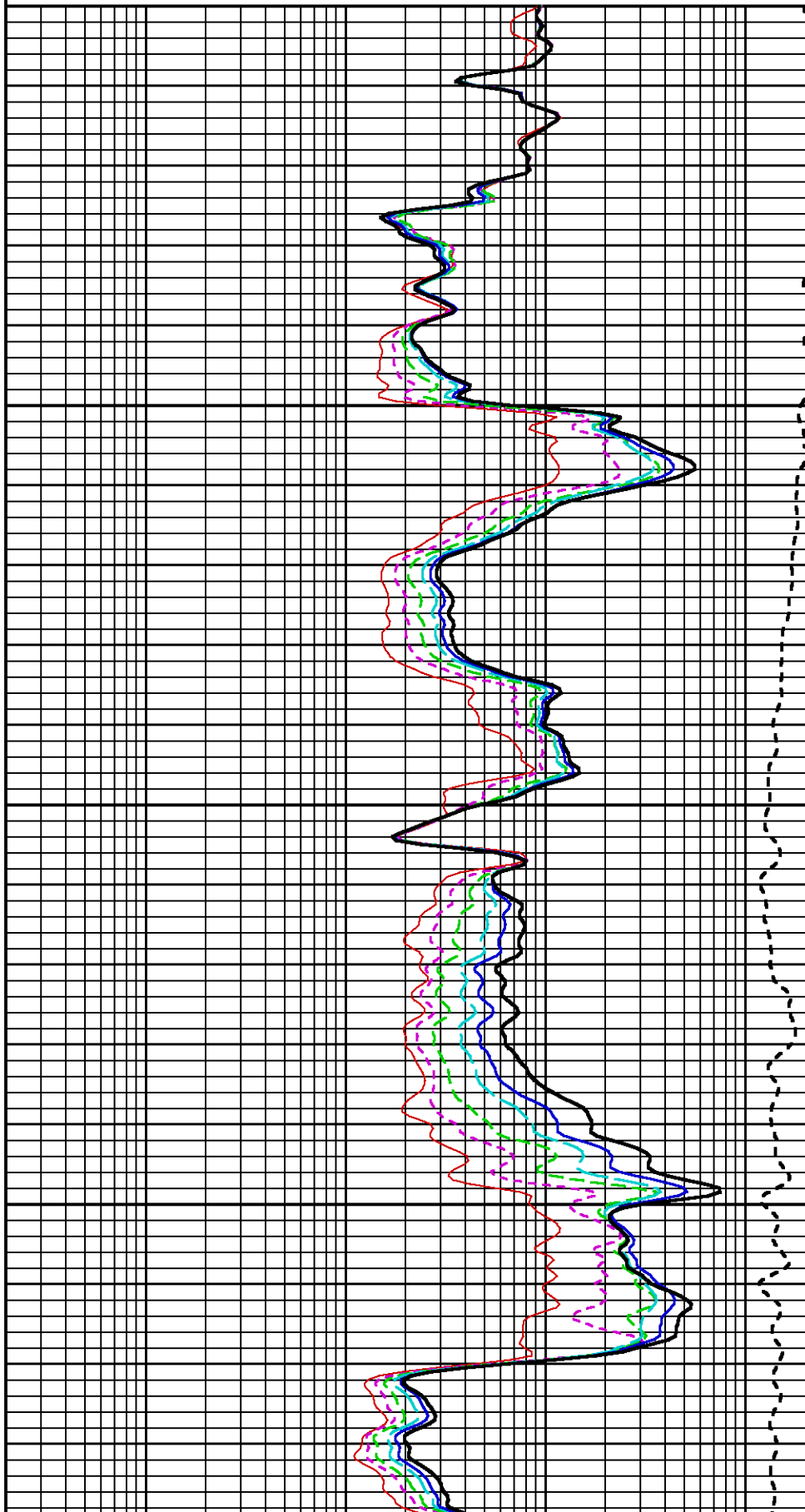
2000

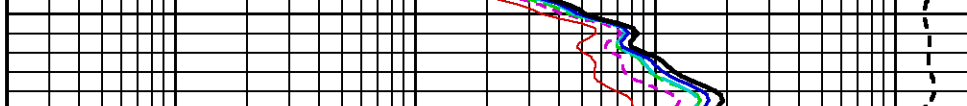
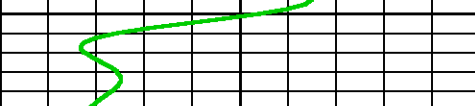
(ohm.m)



0088

0068





GAMMA RAY [grqi] 150
 (gAPI)

FEEET

TOOL STICKING	
DIFF. TENSION [ten] 4750 -250 (lbf)	
2FT. Matched Resolution Resistivity	
0.2	10 in. DOI [m2r1qi] 2000 (ohm.m)
0.2	20 in. DOI [m2r2qi] 2000 (ohm.m)
0.2	30 in. DOI [m2r3qi] 2000 (ohm.m)
0.2	60 in. DOI [m2r6qi] 2000 (ohm.m)
0.2	90 in. DOI [m2r9qi] 2000 (ohm.m)
0.2	120 in. DOI [m2rxqi] 2000 (ohm.m)

CALIBRATION / VERIFICATION SUMMARY

Source File: /data/14175b/N87ba.tpl

CAL PRIMARY CALIBRATION SUMMARY

TOOL #: 4209XM 10236226 DATE/TIME PERFORMED: Thu Dec 13 21:13:44 2007
 UNIT #: 3882TD 66865

	SMALL RING (mV)	LARGE RING (mV)	MULT	ADD	SMALL RING (in)	LARGE RING (in)
CALIPER	3021.0	6610.5	0.00167	0.95022	6.000	12.000

CAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 4209XM 10236226 DATE/TIME PERFORMED: Fri Dec 14 15:59:37 2007 DAYS SINCE CAL: 0
 UNIT #: 3882TD 66865

	I.D. (mV)	MULT	ADD	I.D. (in)
CALIPER	3134.7	0.00167	0.95022	6.190

CAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 4209XM 10236226 DATE/TIME PERFORMED: Fri Dec 14 20:14:55 2007 DAYS SINCE CAL: 0

UNIT #: 3882TD 66865

	I.D. (mV)	MULT	ADD	I.D. (in)
CALIPER	3212.4	0.00187	0.95022	6.320
				5.898 6.898

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1329XA 10041656 DATE/TIME PERFORMED: Fri Dec 7 16:05:06 2007

UNIT #: 38609B IB8960 CALB JIG #: 4702NK DA-404

	BACKGROUND CALBRTR ON (cts/s)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	84.73	741.49	0.190	16.13	125
		656.8		141.13	
		838.8 908.8			

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 10041656 DATE/TIME PERFORMED: Fri Dec 7 16:11:19 2007

UNIT #: 38609B IB8960 VERI JIG #: 4702NK DA-404

	BACKGROUND CALBRTR ON (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	93.42	0.190	15.88	124.89
	739.62		148.77	118.88 135.88

GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10041656 DATE/TIME PERFORMED: Thu Dec 13 21:04:48 2007 DAYS SINCE CAL: 6

UNIT #: 3882TD 66865 VERI JIG #: 4702NK DA-404

	BACKGROUND CALBRTR ON (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	777.84	0.190	148.05	120.54
	1411.14		268.58	118.88 134.88

GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10041656 DATE/TIME PERFORMED: Fri Dec 14 20:08:06 2007 DAYS SINCE CAL: 7

UNIT #: 3882TD 66865 VERI JIG #: 4702NK DA-404

	BACKGROUND CALBRTR ON (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	767.60	0.190	146.10	124.92
	1423.93		271.02	118.54 136.54

HDIL PRIMARY CALIBRATION SUMMARY

TOOL #: 1515MA 10067532 DATE/TIME PERFORMED: Thu Sep 20 14:44:57 2007

UNIT #: 38609A IB8939 GRCOND ID & DATE: 94 083096

ZERO DATA(mv) 10 KHz 30 KHz 50 KHz 70 KHz 90 KHz 110 KHz 130 KHz 150 KHz

Coil 0 R	0.009	0.008	0.007	0.007	0.008	0.007	0.007	0.007
Coil 0 Q	0.003	0.005	0.001	0.001	0.002	0.001	0.001	0.001
Coil 1 R	0.012	0.009	0.008	0.008	0.007	0.010	0.010	0.010
Coil 1 Q	0.002	0.002	0.002	0.001	0.001	0.000	0.002	0.003

Coil 2 R	0.007 -1.000 1.000 -0.200 0.200	0.007 -0.200 0.200 -0.100 0.100	0.006 -0.100 0.100 -0.100 0.100	0.010 -0.100 0.100 -0.100 0.100	0.010 -0.100 0.100 -0.100 0.100	0.010 -0.100 0.100 -0.100 0.100	0.011 -0.100 0.100 -0.100 0.100	0.010 -0.100 0.100 -0.100 0.100
Coil 2 Q	-0.003 -1.000 1.000	-0.005 -0.200 0.200	-0.003 -0.100 0.100	-0.003 -0.100 0.100	-0.003 -0.100 0.100	0.001 -0.100 0.100	0.003 -0.100 0.100	0.001 -0.100 0.100
Coil 3 R	0.008 -0.100 0.100	0.004 -0.100 0.100	0.007 -0.100 0.100	0.005 -0.100 0.100	0.005 -0.100 0.100	0.007 -0.100 0.100	0.005 -0.100 0.100	0.008 -0.100 0.100
Coil 3 Q	-0.007 -0.500 0.500	-0.003 -0.200 0.200	-0.002 -0.100 0.100	0.005 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100	0.001 -0.100 0.100	0.001 -0.100 0.100
Coil 4 R	0.001 -0.200 0.200	0.005 -0.200 0.200	0.011 -0.200 0.200	0.007 -0.200 0.200	0.000 -0.200 0.200	0.004 -0.200 0.200	0.002 -0.200 0.200	0.003 -0.200 0.200
Coil 4 Q	-0.008 -1.000 1.000	-0.006 -0.400 0.400	0.003 -0.200 0.200	0.002 -0.200 0.200	0.003 -0.200 0.200	0.004 -0.200 0.200	0.001 -0.200 0.200	0.005 -0.200 0.200
Coil 5 R	0.014 -0.400 0.400	0.012 -0.400 0.400	0.003 -0.400 0.400	0.013 -0.400 0.400	0.001 -0.400 0.400	0.002 -0.400 0.400	-0.000 -0.400 0.400	0.001 -0.400 0.400
Coil 5 Q	-0.005 -2.000 2.000	-0.003 -0.800 0.800	0.006 -0.400 0.400	-0.001 -0.400 0.400	0.003 -0.400 0.400	0.001 -0.400 0.400	0.004 -0.400 0.400	0.004 -0.400 0.400
Coil 6 R	0.008 -1.000 1.000	0.012 -1.000 1.000	0.017 -1.000 1.000	-0.015 -1.000 1.000	-0.008 -1.000 1.000	0.016 -1.000 1.000	0.014 -1.000 1.000	-0.002 -1.000 1.000
Coil 6 Q	0.002 -5.000 5.000	-0.008 -2.000 2.000	-0.011 -1.000 1.000	-0.008 -1.000 1.000	-0.006 -1.000 1.000	-0.003 -1.000 1.000	-0.001 -1.000 1.000	-0.021 -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	125.00 100.00 150.00	123.80 100.00 150.00	121.33 98.00 150.00	117.58 95.00 140.00	112.78 92.00 140.00	106.78 87.00 130.00	99.90 82.00 120.00	91.89 76.00 110.00
Coil 0 P	7.410 6.000 9.000	23.405 19.000 28.000	39.180 32.000 47.000	54.924 44.000 66.000	70.593 57.000 85.000	86.217 70.000 100.000	101.811 82.000 120.000	117.270 95.000 140.000
Coil 1 M	217.99 180.00 270.00	215.93 180.00 270.00	211.70 170.00 290.00	205.38 170.00 250.00	197.33 160.00 250.00	187.30 160.00 230.00	175.99 150.00 220.00	162.91 140.00 200.00
Coil 1 P	7.313 6.000 9.000	23.103 19.000 28.000	38.670 32.000 48.000	54.141 45.000 67.000	69.586 57.000 85.000	84.916 70.000 110.000	100.230 83.000 120.000	115.438 96.000 140.000
Coil 2 M	442.59 380.00 540.00	438.98 380.00 540.00	431.36 350.00 530.00	419.66 340.00 510.00	404.17 330.00 500.00	384.92 310.00 470.00	362.25 300.00 440.00	336.03 270.00 410.00
Coil 2 P	7.256 6.000 9.000	22.923 19.000 29.000	38.399 32.000 48.000	53.859 46.000 67.000	69.318 58.000 87.000	84.748 71.000 110.000	100.116 84.000 130.000	115.445 96.000 140.000
Coil 3 M	702.46 580.00 880.00	694.17 580.00 870.00	677.91 570.00 850.00	653.92 550.00 830.00	624.55 530.00 800.00	589.39 500.00 780.00	550.74 470.00 710.00	507.24 440.00 650.00
Coil 3 P	7.666 6.000 10.000	24.166 20.000 29.000	40.361 33.000 49.000	56.373 48.000 69.000	72.227 59.000 89.000	87.908 72.000 110.000	103.444 85.000 130.000	118.809 98.000 150.000
Coil 4 M	1134.4 900.0 1400.0	1108.4 900.0 1300.0	1061.5 900.0 1300.0	1000.5 850.0 1300.0	933.8 800.0 1200.0	864.3 800.0 1200.0	796.2 750.0 1100.0	726.9 700.0 1000.0
Coil 4 P	7.666 6.000 10.000	23.979 20.000 30.000	39.551 33.000 50.000	54.405 46.000 70.000	68.548 60.000 90.000	82.051 73.000 110.000	95.147 86.000 130.000	107.858 99.000 150.000
Coil 5 M	2281.6 1900.0 2800.0	2259.4 1800.0 2800.0	2213.9 1800.0 2700.0	2145.3 1800.0 2500.0	2057.9 1700.0 2500.0	1949.3 1600.0 2400.0	1826.4 1600.0 2200.0	1685.1 1400.0 2100.0
Coil 5 P	7.821 6.000 10.000	24.598 20.000 31.000	41.154 34.000 51.000	57.623 48.000 72.000	74.041 62.000 93.000	90.380 76.000 110.000	106.653 89.000 130.000	122.808 100.000 150.000
Coil 6 M	5898.6 4700.0 7100.0	5830.2 4700.0 7000.0	5694.9 4600.0 6900.0	5491.9 4400.0 6600.0	5238.1 4200.0 6400.0	4929.0 4000.0 6000.0	4585.3 3700.0 5800.0	4201.0 3400.0 5100.0
Coil 6 P	7.978 7.000 10.000	25.374 22.000 32.000	42.432 36.000 54.000	59.373 51.000 75.000	76.170 65.000 98.000	92.813 80.000 120.000	109.314 94.000 140.000	125.639 110.000 160.000

AM Factor

	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	577 -200 900	-44 -500 100	-134 -600 0	-168 -600 0	-184 -500 0	-192 -500 0	-195 -500 0	-199 -500 0
Coil 0 Q	1095 -3000 5000	460 -1000 2000	272 -1000 1200	167 -500 800	96 -400 600	41 -400 600	-4 -400 400	-43 -400 300
Coil 1 R	544 450 650	64 20 115	5 -30 45	-14 -50 20	-23 -55 0	-27 -60 0	-30 -60 0	-31 -60 0
Coil 1 Q	298 0 2500	175 0 300	114 0 300	80 0 400	59 0 300	44 0 250	33 0 200	23 0 200
Coil 2 R	185.1 140.0 230.0	26.8 0.0 51.0	6.7 -10.0 25.0	0.1 -15.0 15.0	-3.1 -16.0 10.0	-4.9 -16.0 7.0	-6.1 -16.0 5.0	-6.9 -16.0 3.0
Coil 2 Q	320.5 -200.0 1000.0	136.5 0.0 350.0	88.7 0.0 220.0	67.6 0.0 180.0	55.0 0.0 130.0	49.1 0.0 110.0	44.5 0.0 100.0	41.3 0.0 90.0
Coil 3 R	47.3 37.0 62.0	5.8 0.0 12.0	0.7 -3.0 5.0	-1.1 -4.0 4.0	-1.8 -5.0 2.0	-2.1 -5.0 1.0	-2.8 -6.0 1.0	-3.0 -6.0 1.0
Coil 3 Q	181.3 -140.0 280.0	63.4 -40.0 180.0	42.8 -20.0 70.0	34.6 -10.0 60.0	31.0 -10.0 50.0	29.7 -10.0 50.0	29.2 -10.0 50.0	28.6 -10.0 50.0
Coil 4 R	10.60 2.00 18.00	0.40 -3.00 0.00	-0.92 -3.50 3.00	-1.33 -3.90 2.00	-1.54 -4.20 2.00	-1.51 -4.50 2.00	-1.73 -4.70 2.00	-1.61 -5.00 2.00
Coil 4 Q	23.39 -100.00 100.00	12.76 -30.00 50.00	11.82 -20.00 40.00	12.60 -10.00 40.00	14.05 -10.00 40.00	15.91 -10.00 45.00	17.88 -10.00 50.00	19.90 -10.00 60.00
Coil 5 R	0.36 -2.00 5.00	-0.89 -3.00 0.40	-1.09 -4.50 3.10	-1.09 -4.70 3.20	-1.22 -4.90 3.20	-1.16 -5.00 3.30	-1.17 -5.20 3.40	-1.14 -5.40 3.50
Coil 5 Q	9.10 -50.00 70.00	6.45 -20.00 30.00	7.48 -20.00 30.00	9.35 -20.00 35.00	11.29 -20.00 45.00	13.48 -20.00 50.00	15.61 -20.00 60.00	17.88 -30.00 70.00
Coil 6 R	-2.21 -4.00 1.00	-1.12 -5.70 3.00	-0.97 -6.50 4.00	-0.89 -6.90 5.40	-0.90 -7.30 5.00	-0.82 -7.50 6.00	-0.79 -7.70 6.10	-0.94 -7.90 6.30

	-4.66	1.09	4.08	6.47	8.85	11.24	13.44	15.73
	-30.00 30.00	-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	0.991	0.989	0.985	0.984	0.983	0.983	0.982	0.983
Coil 0 P	0.076	0.238	0.327	0.346	0.295	0.252	0.217	0.203
Coil 1 M	0.984	0.982	0.978	0.978	0.976	0.976	0.976	0.977
Coil 1 P	0.100	0.270	0.348	0.360	0.368	0.324	0.329	0.309
Coil 2 M	0.998	0.996	0.995	0.994	0.993	0.994	0.993	0.994
Coil 2 P	0.024	0.058	0.115	0.169	0.211	0.227	0.203	0.272
Coil 3 M	0.999	0.998	0.998	0.998	0.997	0.998	0.998	1.000
Coil 3 P	0.011	0.033	0.079	0.095	0.080	0.064	0.023	0.122
Coil 4 M	1.012	1.011	1.012	1.011	1.011	1.011	1.011	1.011
Coil 4 P	0.020	0.048	0.060	0.115	0.119	0.119	0.153	0.146
Coil 5 M	1.015	1.015	1.015	1.014	1.013	1.015	1.013	1.013
Coil 5 P	0.024	-0.015	0.046	0.053	0.029	-0.012	0.055	0.084
Coil 6 M	1.005	1.007	1.006	1.004	1.004	1.010	1.009	1.009
Coil 6 P	0.036	0.188	0.133	0.270	0.199	0.164	0.227	0.179

PARMS TCID 0 TCID 1 Cal Temp T Factor
(degF)
IDs 1.514 0.899 98.3 1.04

HDIL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1515MA 10067532 DATE/TIME PERFORMED: Fri Dec 14 15:53:24 2007 DAYS SINCE CAL: 85

UNIT #: 3882TD 66865

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	0.025	0.024	0.023	0.021	0.019	0.020	0.019	0.018
Coil 0 Q	0.005	0.007	0.004	0.004	0.004	0.002	0.002	0.001
Coil 1 R	0.020	0.020	0.018	0.018	0.016	0.016	0.019	0.019
Coil 1 Q	0.000	0.003	0.002	0.000	-0.001	-0.002	-0.002	-0.001
Coil 2 R	0.022	0.021	0.023	0.019	0.019	0.020	0.021	0.023
Coil 2 Q	-0.003	-0.002	-0.000	-0.001	0.000	-0.001	-0.001	0.001
Coil 3 R	0.015	0.011	0.013	0.013	0.012	0.013	0.014	0.012
Coil 3 Q	-0.006	-0.005	0.001	0.000	-0.001	-0.002	0.001	0.001
Coil 4 R	-0.002	0.004	0.008	0.001	-0.001	-0.000	0.002	-0.001
Coil 4 Q	-0.007	0.002	0.002	0.004	0.002	0.005	-0.001	-0.001
Coil 5 R	0.010	0.009	0.015	0.025	0.007	0.009	0.006	0.011
Coil 5 Q	0.001	0.002	-0.002	-0.001	0.001	0.002	-0.003	0.002
Coil 6 R	-0.009	0.008	-0.003	0.022	-0.010	0.008	0.029	0.000
Coil 6 Q	0.011	-0.016	-0.016	0.014	-0.005	-0.018	-0.009	-0.011

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	124.84	123.61	120.98	117.28	112.24	106.23	99.05	91.01

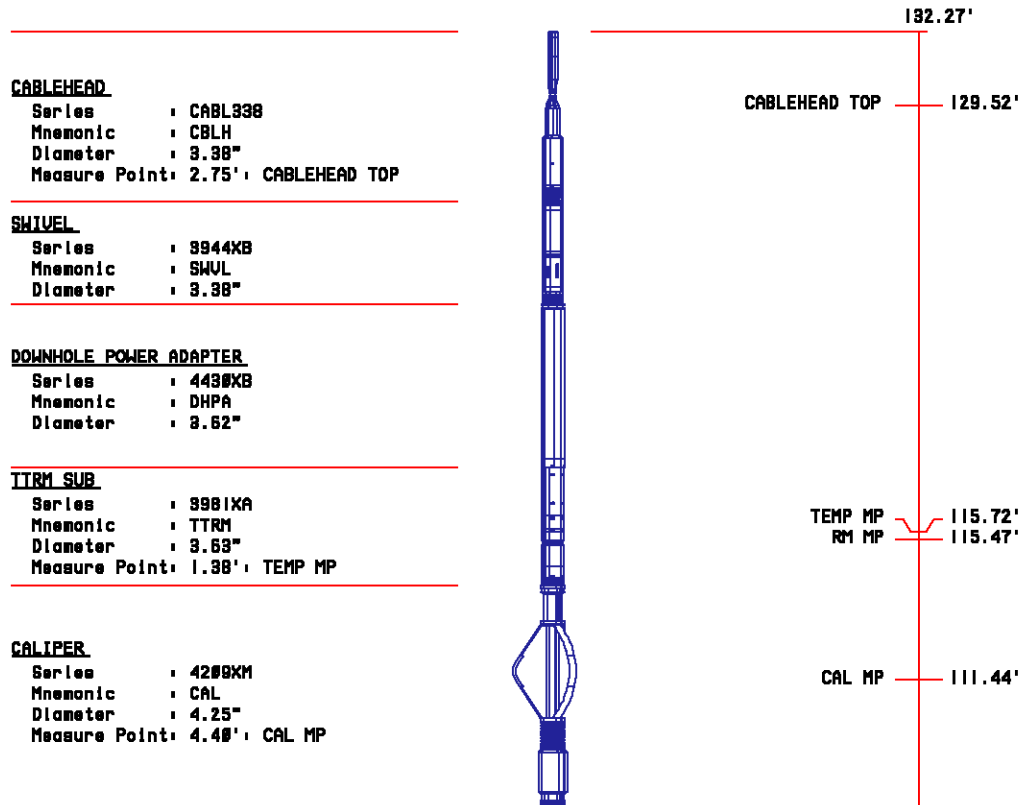
Coil 0 P	7.431	23.469	39.278	55.037	70.740	86.385	102.020	117.403
Coil 1 M	217.77	215.66	211.18	204.87	196.46	186.44	174.59	161.33
Coil 1 P	7.333	23.170	38.761	54.254	69.716	85.072	100.417	115.569
Coil 2 M	442.23	438.48	430.35	418.67	402.62	383.12	359.40	332.84
Coil 2 P	7.278	22.988	38.497	53.969	69.478	84.876	100.346	115.575
Coil 3 M	699.45	691.08	674.03	650.25	619.73	584.58	544.42	500.99
Coil 3 P	7.688	24.231	40.455	56.488	72.378	88.050	103.639	118.953
Coil 4 M	1130.2	1104.0	1056.0	995.4	927.2	857.8	787.4	718.0
Coil 4 P	7.686	24.051	39.851	54.517	68.696	82.211	95.346	107.989
Coil 5 M	2277.3	2254.6	2206.4	2138.3	2046.7	1938.2	1809.8	1667.8
Coil 5 P	7.839	24.657	41.234	57.719	74.179	90.522	106.828	122.909
Coil 6 M	5893.5	5823.7	5680.1	5477.2	5212.0	4901.8	4544.6	4155.6
Coil 6 P	8.004	25.462	42.560	59.531	76.378	93.016	109.588	125.831

HDIL AFTER LOG VERIFICATION SUMMARY

NOT DONE

INSTRUMENT CONFIGURATION

Source File: /data/I4175b/N07ba~tdg



WTS COMMON REMOTE

Series : 3514XB
Mnemonic : WTS
Diameter : 3.63"

HT/HP DIGITAL SPECTRALOG

Series : 1329XA

NAUTILUS COMPENSATED NEUTRON

Series : 2447XA
Mnemonic : CN
Diameter : 4.18"
Measure Point: 2.63': LSN MP
Measure Point: 2.24': SSN MP

NAUTILUS SLICK DENSITY MANDREL

Series : 2239MA
Mnemonic : HTD
Diameter : 4.16"
Measure Point: 3.59': LSD MP
Measure Point: 3.17': SSD MP

KNUCKLE JOINT (DOUBLE)

Series : 3939XA
Mnemonic : KNJT
Diameter : 3.38"

ARRAY ACOUSTILOG ELECTRONICS

Series : 1667EA
Mnemonic : DAC
Diameter : 3.38"

CROSS MULTIPOLE ARRAY ACOUSTILOG

Series : 1678MA
Mnemonic : XMAC
Diameter : 3.88"
Measure Point: 5.50': R8
Measure Point: 5.00': R7
Measure Point: 4.50': R6
Measure Point: 4.00': R5
Measure Point: 3.50': R4
Measure Point: 3.00': R3
Measure Point: 2.50': R2
Measure Point: 2.00': R1

SHEAR WAVE ACOUSTILOG

Series : 1678PB
Mnemonic : XMAC
Diameter : 3.83"

MULTI-POLE ARRAY ACOUSTIC

Series : 1688BA
Mnemonic : MAC
Diameter : 3.63"
Measure Point: 5.42': MONOPOLE T2 MP
Measure Point: 4.67': DIPOLE T4 MP
Measure Point: 3.67': DIPOLE T3 MP

MULTI-POLE ARRAY ACOUSTIC

Series : 1688FA
Mnemonic : MAC
Diameter : 3.38"



GR MP — 94.18'

LGN MP — 84.85'
SSN MP — 84.45'

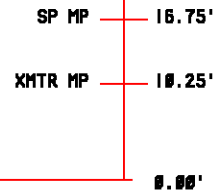
LSD MP — 77.85'
SSD MP — 76.62'

R8 — 55.58'
R7 — 55.08'
R6 — 54.58'
R5 — 54.08'
R4 — 53.58'
R3 — 53.08'
R2 — 52.58'
R1 — 52.08'

MONOPOLE T2 MP — 43.58'
DIPOLE T4 MP — 42.83'
DIPOLE T3 MP — 41.83'
MONOPOLE T1 MP — 41.08'

HIGH DEFINITION INDUCTION TOOL

Series : 1515XA
 Mnemonic : HDIL
 Diameter : 3.82"
 Measure Point: 16.75': SP MP
 Measure Point: 18.25': XMTR MP



BULL PLUG 3 1/8

TOTAL LENGTH: 132.49'
 TOTAL WEIGHT: 2456 lbs
 MAX DIAMETER: 0'4.25"



COMPANY CPC MINERAL, LLC
 WELL CPC 17-1
 FIELD WILDCAT
 COUNTY BONNEVILLE STATE IDAHO

FILE NO: 14175B
 API NO: 11-019-20011

LOCATION:
 SHL: 705' FWL & 2264' FSL
 SEC 17 TWP 3S RGE 43E

ELEVATIONS:
 KB 6435.4 FT
 DF
 GL 6413.4 FT
 DATE 14-DEC-2007