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BAKER HUGHES

Baker Atlas

X-MULTIPOLE ARRAY ACOUSTILOG ®
GAMMA RAY LOG
CALIPER LOG

FILE NO:

API NO: 11-075-20017

Ver. 3.87

COMPANY	BRIDGE ENERGY
WELL	MAY 1-13
FIELD	WILDCAT
COUNTY	PAYETTE
STATE	IDAHO

LOCATION: NW/4 NE/4

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SEC 13 TWP 8N RGE 5W

OTHER SERVICES
HDIL/ZDL/CN
SWC

PERMANENT DATUM G.L. ELEVATION 2169.8 FT
LOG MEASURED FROM K.B. 17.0 FT ABOVE P.D.
DRILL. MEAS. FROM K.B.

ELEVATIONS:
KB 2186.8 FT
DF
GL 2169.8 FT

DATE		02-OCT-2010			
RUN	TRIP	1	1		
SERVICE ORDER		595631			
DEPTH DRILLER		6512 FT			
DEPTH LOGGER		6492 FT			
BOTTOM LOGGED INTERVAL		6480 FT			
TOP LOGGED INTERVAL		630 FT			
CASING DRILLER		9.625 IN	● 630 FT		●
CASING LOGGER		630 FT			
BIT SIZE		8.75 IN			
TYPE OF FLUID IN HOLE		S.B.M.			
DENSITY	VISCOSITY	9.5 LB/G	62 S		
PH	FLUID LOSS	NA	NA		
SOURCE OF SAMPLE		CIRCULATION TANK			
RM AT MEAS. TEMP.		NA	● NA		●
RMF AT MEAS. TEMP.		NA	● NA		●
RMC AT MEAS. TEMP.		NA	● NA		●
SOURCE OF RMF	RMC	NA	NA		
RM AT BHT		NA	● 260 DEGF		●
TIME SINCE CIRCULATION		17 HOURS			
MAX. RECORDED TEMP.		260 DEGF			
EQUIP. NO.	LOCATION	ML-4232	FALLON		
RECORDED BY		VERCIMAK			
WITNESSED BY		C. NERUD / RON RICHARDS			

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 1 TRIP 1 :

MATRIX = SANDTONE
DELT M = 51.3 MICS/FT

THANKS FOR USING BAKER ATLAS
CREW: LAPOINT / DANKLEFSEN
RIG: RAZORBACK

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	WTS	3514XB	10197891	FREE
1	1	GR	1329XB	10203001	DECENTRALIZED
1	1	CN	2446XA	10183301	DECENTRALIZED
1	1	ZDL	2234XA	10322532	DECENTRALIZED / PAD
1	1	KNCKL	3939XA	10143909	FREE
1	1	HDIL	1515EA / MA	10340485 / 10307148	1.5" STANDOFFS
1	1	CENT	4341XA	10182501	CENTRALIZED 4-ARM
1	1	XMAC	1677EA / 1678MC	10078613 / 10339526	CENTRALIZED
1	1	ESD	1678PB	10200307	FREE
1	1	XMAC	1678MA / FA	10108348 / 370875	CENTRALIZED

MAIN LOG 5"/100FT SCALE

ECLIPS 6.11 Aug 06, 2010 Sat Oct 2 16:20:15 2010

Perplt /main/62 Cplot Pdf_Cpp /main/16 Flieview 5.50

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PARAMETER AND FILTER SUMMARY REPORT

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File:          /dat1a/505631/a771104.prm
LOGGING MODE:  DEPTH        DIRECTION:     UP
TOP DEPTH:     5051.740 ft  BOTTOM DEPTH:  6507.405 ft
```

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
DT24	FILTER ()	light (2)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
BIT SIZE	BIT SIZE	8.750	in	TOP	BOTTOM
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (acbh°)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (acbh°)	8.750	in	"	"

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
ACOUSTIC POROSITY	POROSITY TYPE	WYLLIE		TOP	BOTTOM
	DTmatrix	51.30	us/ft	"	"
	DTfluid	190.00	us/ft	"	"
	DTshale	100.00	us/ft	"	"
	MOD. WYLLIE PARM	2.25		"	"
	MOD. R-H-G PARM	2.00		"	"
DELTA T CURVE SELECTION	DT24 SOURCE	FIRST ARRIVAL DT24		"	"

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DELTA-T REJECTION RANGE	REJECTION DTmin	40	us/ft	TOP	BOTTOM
	REJECTION DTmax	180	us/ft	"	"
FIRST ARRIVAL PICK	SEARCH START OFFSET (sfan1°)	19	us	"	"
	SEARCH START OFFSET (sfan2°)	19	us	"	"
	SEARCH START OFFSET (sfan3°)	19	us	"	"
	SEARCH START OFFSET (sfan4°)	19	us	"	"
	SEARCH WINDOW LENGTH	2400	us	"	"
	THRESHOLD FACTOR	0.30		"	"
	THRESHOLD MINIMUM (sfan1°)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan2°)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan3°)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan4°)	1.8	pct	"	"
	E3 THRESHOLD	OFF		"	"

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	4000	Hz	"	"
	HIGH FREQ CUTOFF	20000	Hz	"	"

PARAMETER AND FILTER SUMMARY REPORT

File: /dat1e/505031/m777v01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 571.750 ft BOTTOM DEPTH: 5337.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
DT24	FILTER ()	light (2)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
BIT SIZE	BIT SIZE	8.750	in	TOP	BOTTOM
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (acbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (acbh*)	8.750	in	"	"

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
ACOUSTIC POROSITY	POROSITY TYPE	WYLLIE		TOP	BOTTOM
	DTmatrix	51.30	us/ft	"	"
	DTfluid	190.00	us/ft	"	"
	DTshale	100.00	us/ft	"	"
	MOD. WYLLIE PARM	2.25		"	"
	MOD. R-H-G PARM	2.00		"	"
DELTA T CURVE SELECTION	DT24 SOURCE	FIRST ARRIVAL DT24		"	"

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DELTA-T REJECTION RANGE	REJECTION DTmin	40	us/ft	TOP	BOTTOM
	REJECTION DTmax	180	us/ft	"	"
FIRST ARRIVAL PICK	SEARCH START OFFSET (sfan1*)	19	us	"	"
	SEARCH START OFFSET (sfan2*)	19	us	"	"
	SEARCH START OFFSET (sfan3*)	19	us	"	"
	SEARCH START OFFSET (sfan4*)	19	us	"	"
	SEARCH WINDOW LENGTH	2400	us	"	"
	THRESHOLD FACTOR	0.40		TOP	597.250
		0.20		597.250	807.750
		0.32		807.750	900.250
		0.80		900.250	916.250
		0.30		916.250	BOTTOM
	THRESHOLD MINIMUM (sfan1*)	2.0	pct	TOP	801.750
		1.0	pct	801.750	805.500
		2.0	pct	805.500	806.250
		4.0	pct	806.250	913.250
		1.8	pct	913.250	BOTTOM
	THRESHOLD MINIMUM (sfan2*)	2.0	pct	TOP	801.250
		1.0	pct	801.250	805.000
		2.0	pct	805.000	905.750
		4.0	pct	905.750	912.750
		1.8	pct	912.750	BOTTOM
	THRESHOLD MINIMUM (sfan3*)	2.0	pct	TOP	800.750
		1.0	pct	800.750	804.500
		2.0	pct	804.500	905.250
		4.0	pct	905.250	912.250
		1.8	pct	912.250	BOTTOM
	THRESHOLD MINIMUM (sfan4*)	2.0	pct	TOP	800.250
		1.0	pct	800.250	804.000
		2.0	pct	804.000	904.750
		4.0	pct	804.750	911.750
		1.8	pct	911.750	BOTTOM
	E3 THRESHOLD	OFF		TOP	BOTTOM

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	4000	Hz	"	"
	HIGH FREQ CUTOFF	20000	Hz	"	"

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CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Oct 2 12:00:11 2010	BIT SIZE
F1:CAL	Oct 2 12:00:11 2010	CALIPER
F1:DT24QI	Oct 2 12:00:11 2010	SLOWNESS OVER 24-INCH INTERVAL
F1:GR	Oct 2 12:00:11 2010	GAMMA RAY
F1:PORAQI	Oct 2 12:00:11 2010	ACOUSTIC POROSITY
F1:TEN	Oct 2 12:00:11 2010	DIFFERENTIAL TENSION
F1:TTQI	Oct 2 12:00:11 2010	INTEGRATED TRAVELTIME FROM ACOUSTIC SLOWNESS

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	DT24QI	12.50	PORAQI	12.50		
CAL	75.00	GR	92.25	TEN	0.00		

Presentation : rlsa4232:/dat1a/585031/8_XMAC_MAIN.pdf [5"/100' Scale]
Plot Interval : 580 - 6506 Feet

Data File 1 : F1 : rlsa4232:/dat1a/585031/CSLAM.xtf
Created On : Oct 2 08:03:47 2010
Company : BRIDGE ENERGY
Well : MAY 1-13
Field : WILDCAT
File Interval : 473.5 - 6506 Feet
Oct : m777r

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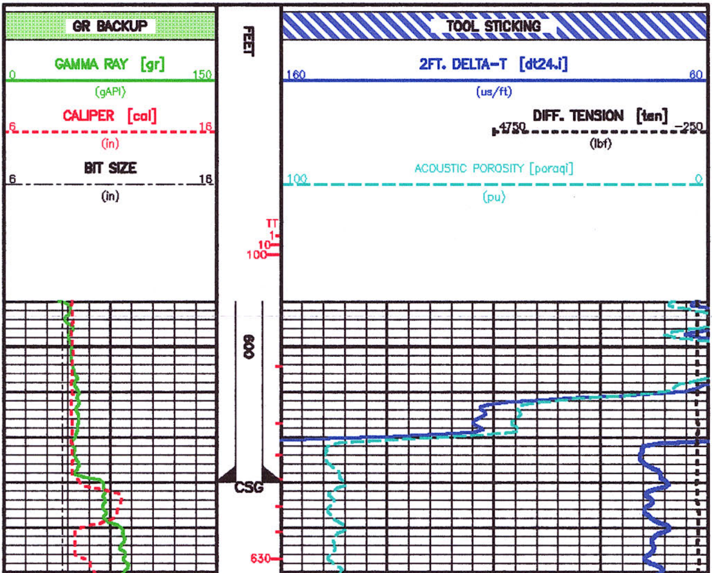

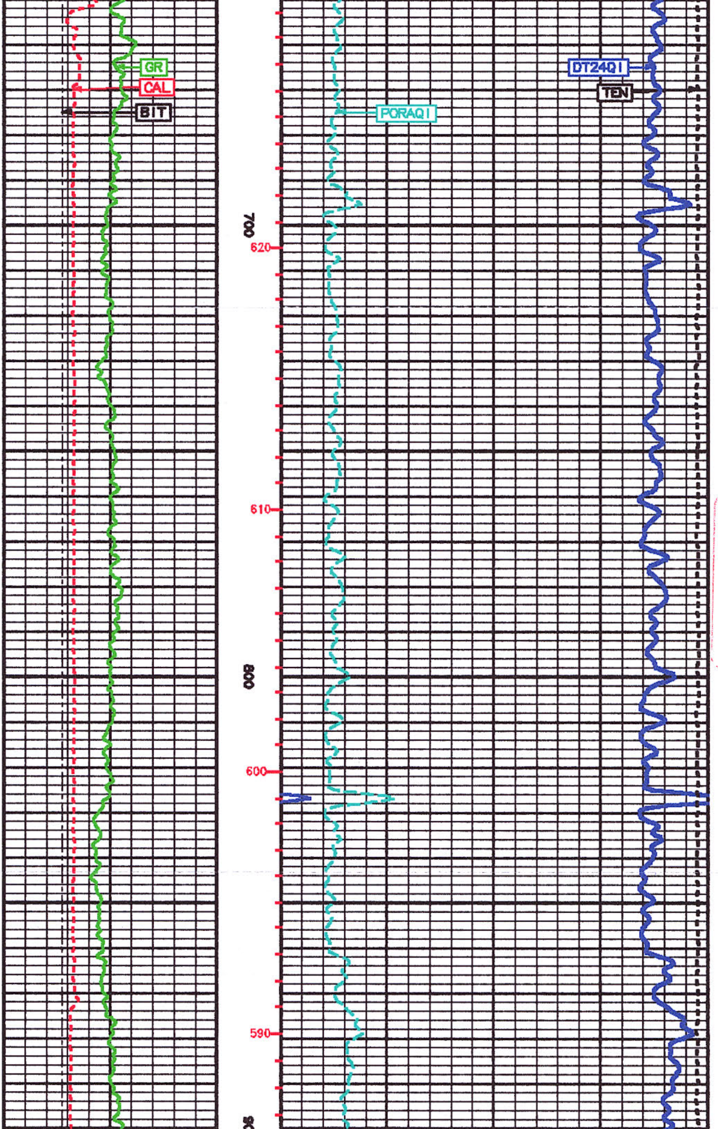

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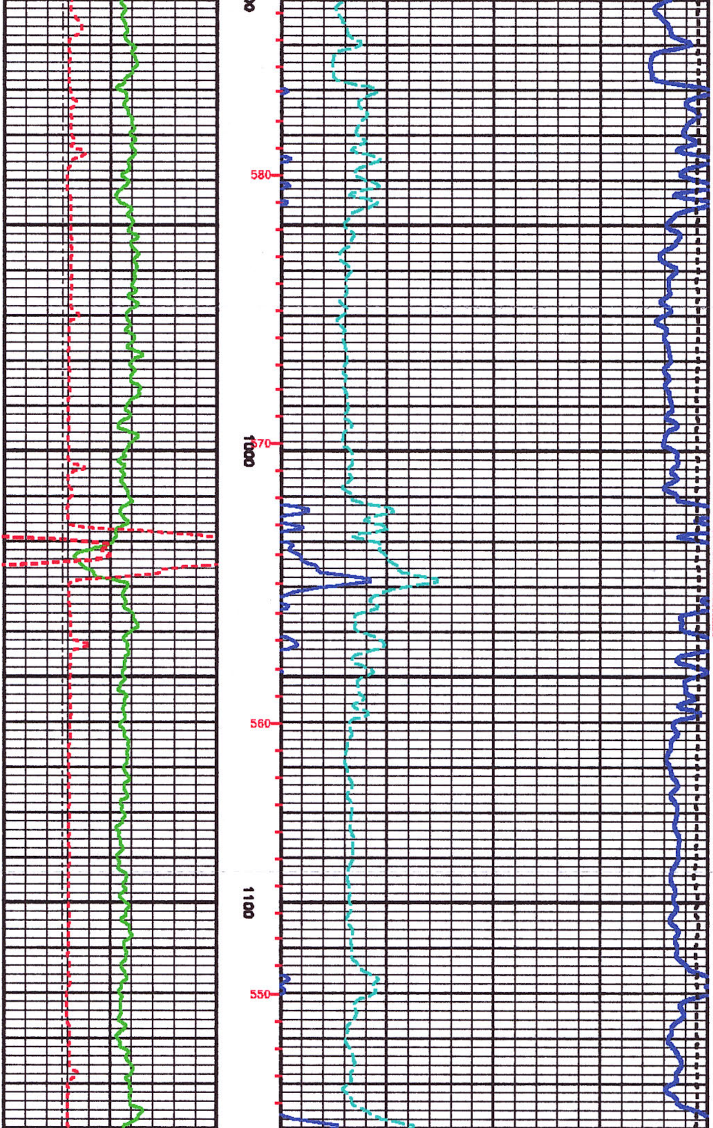

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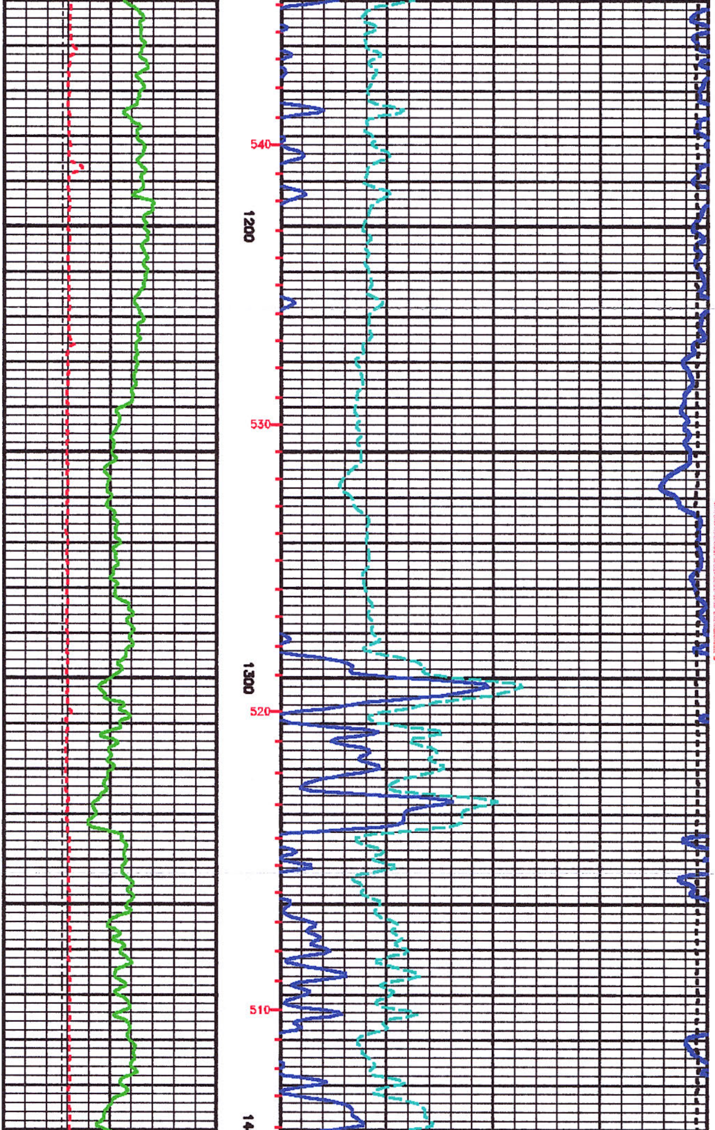

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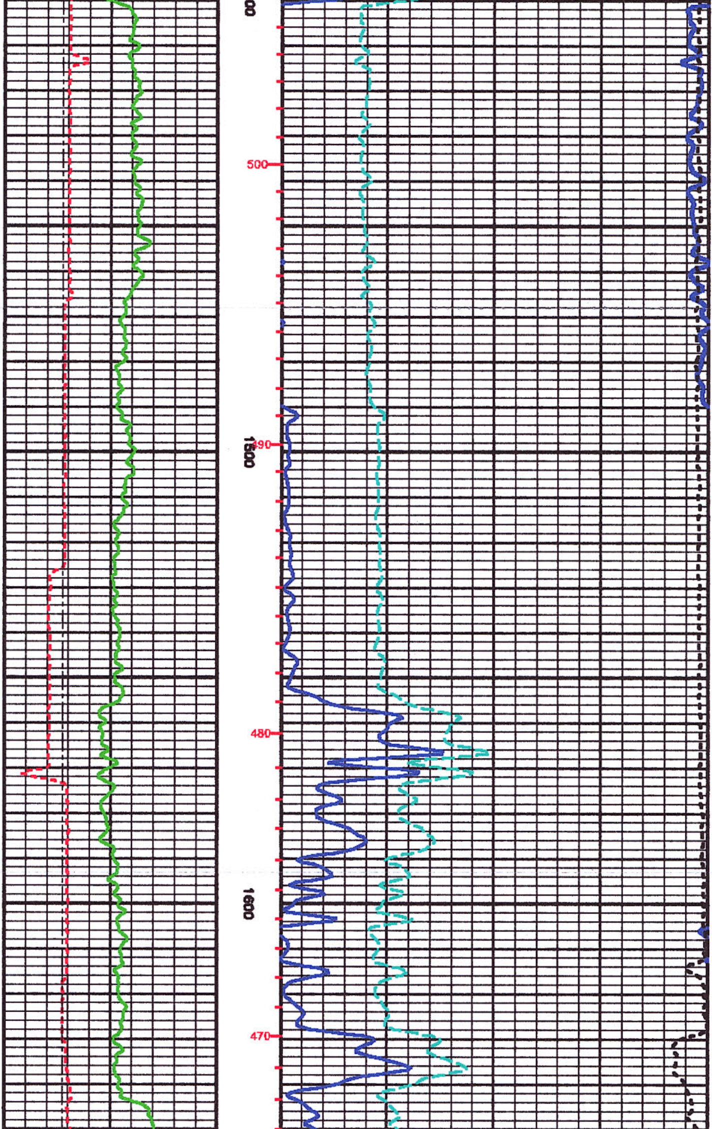

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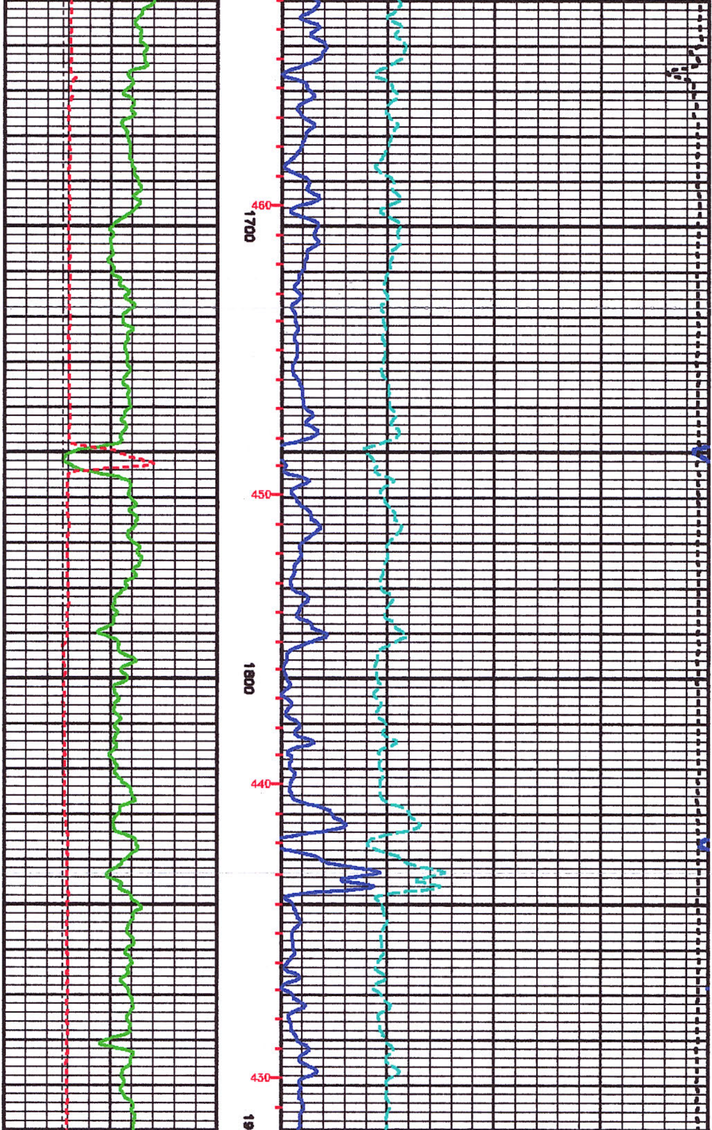

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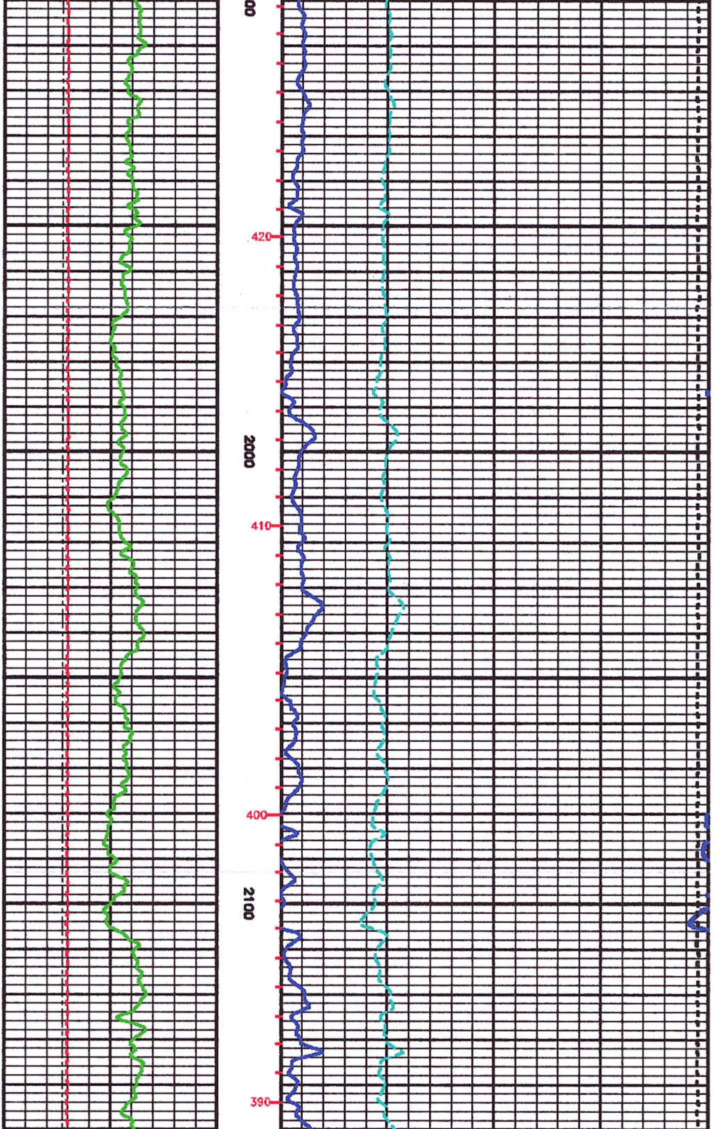

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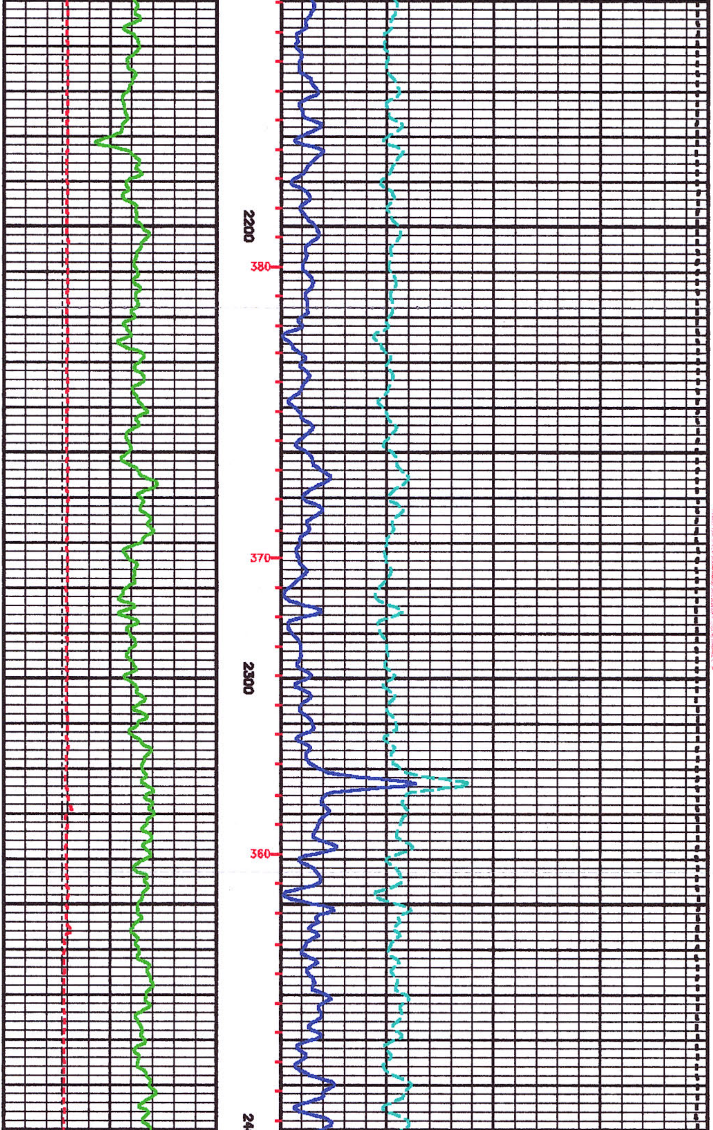

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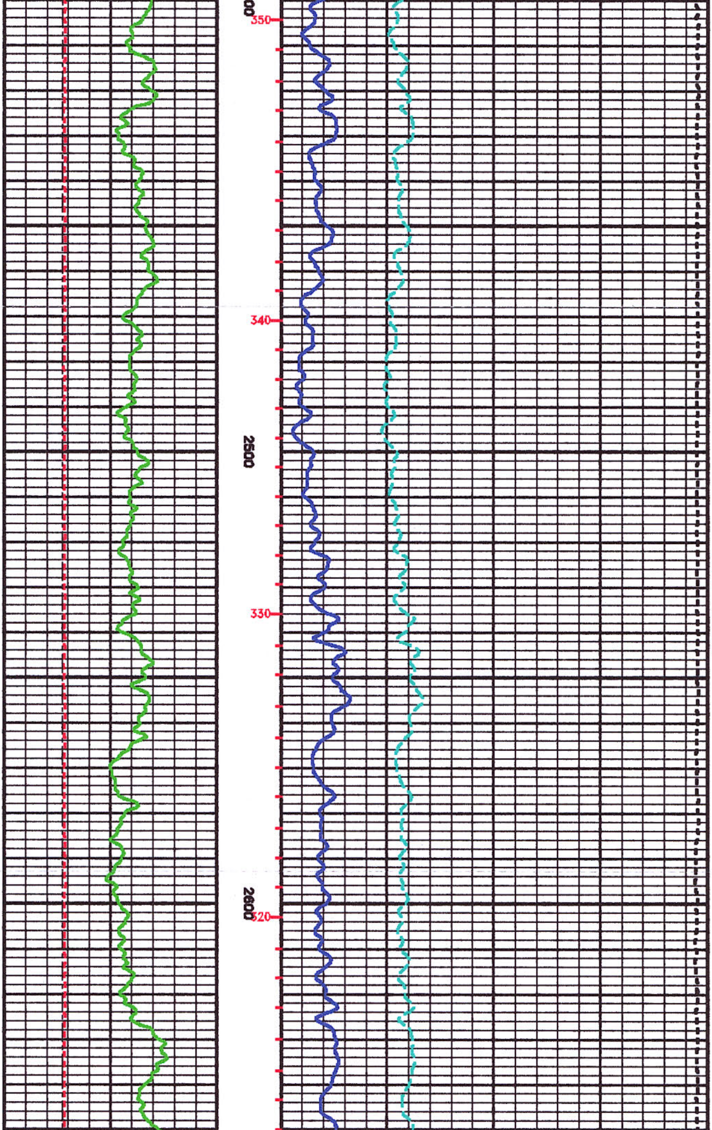

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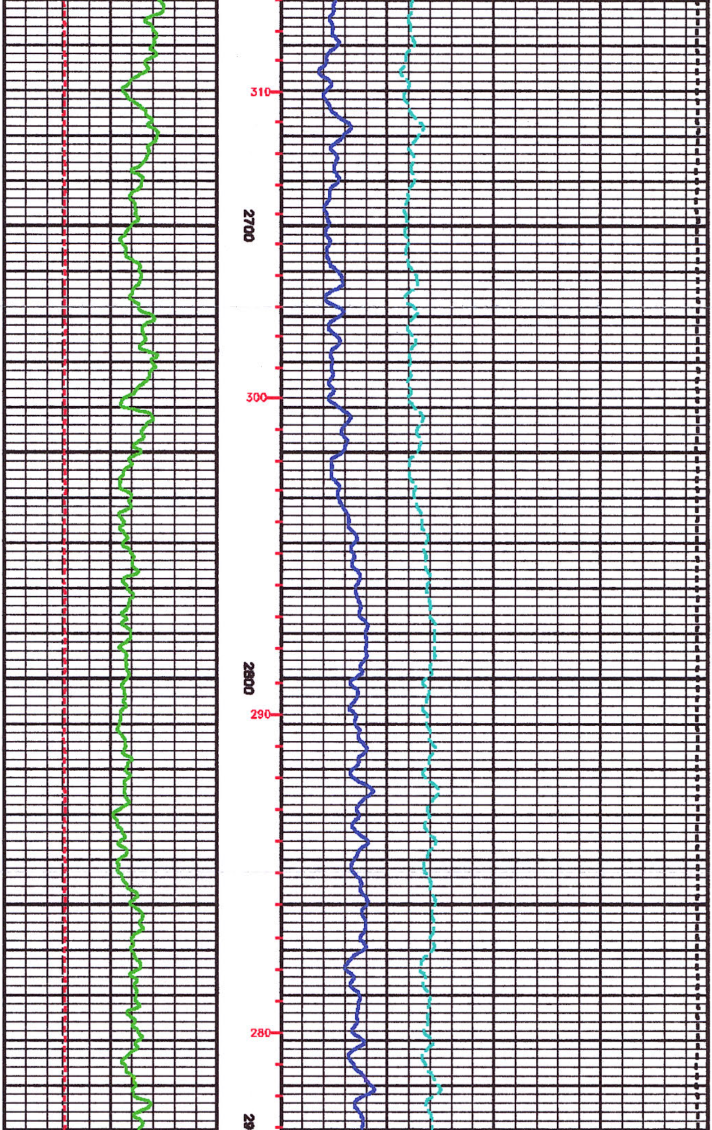

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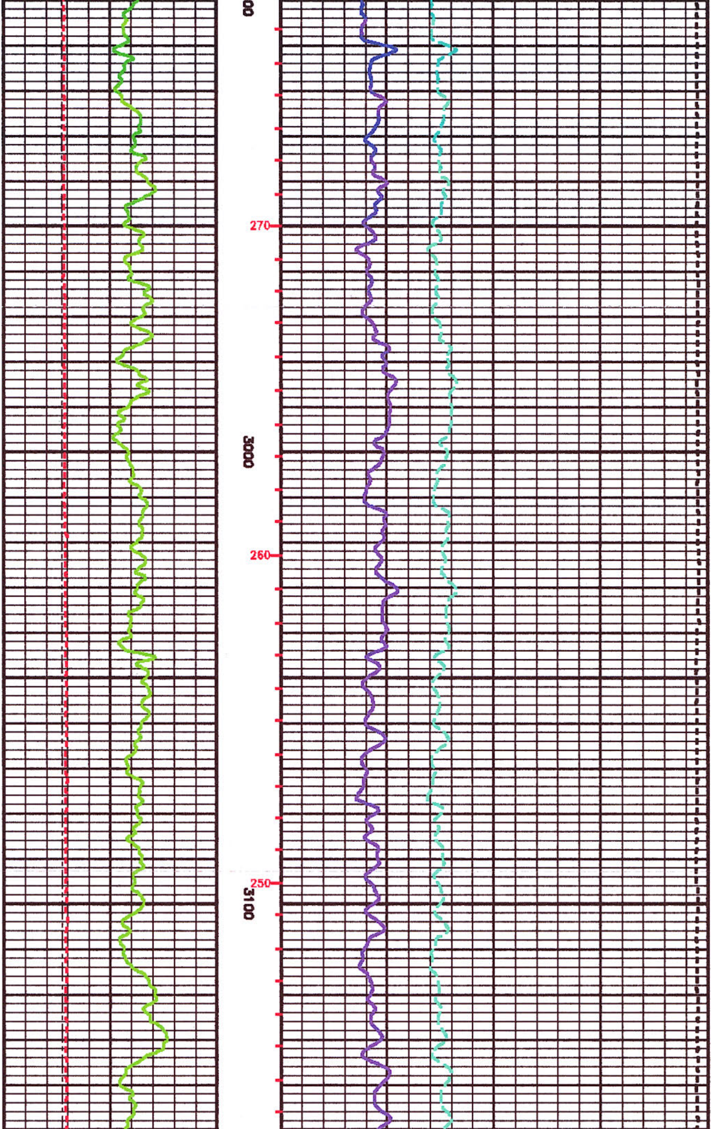

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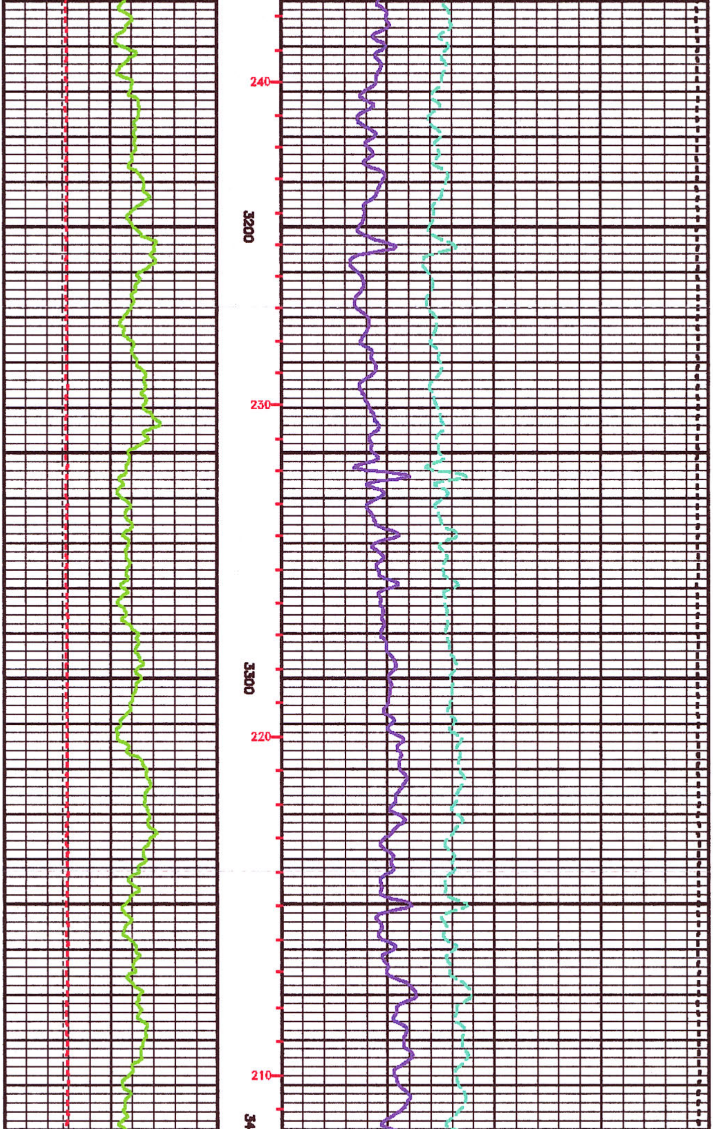

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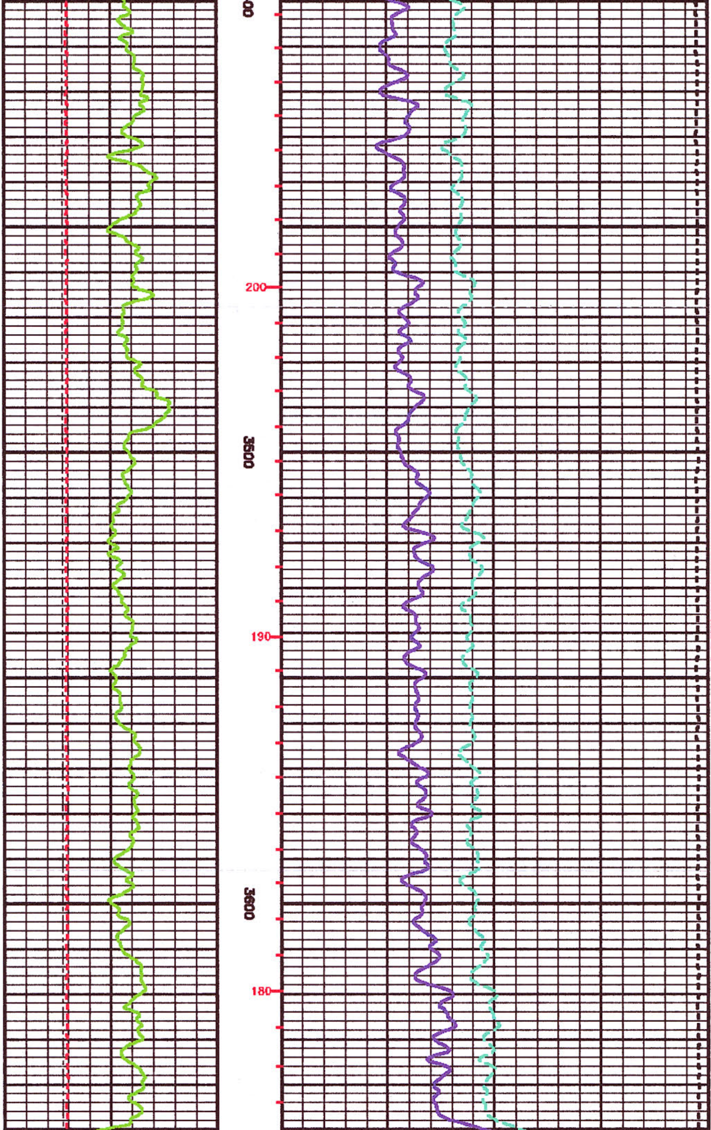

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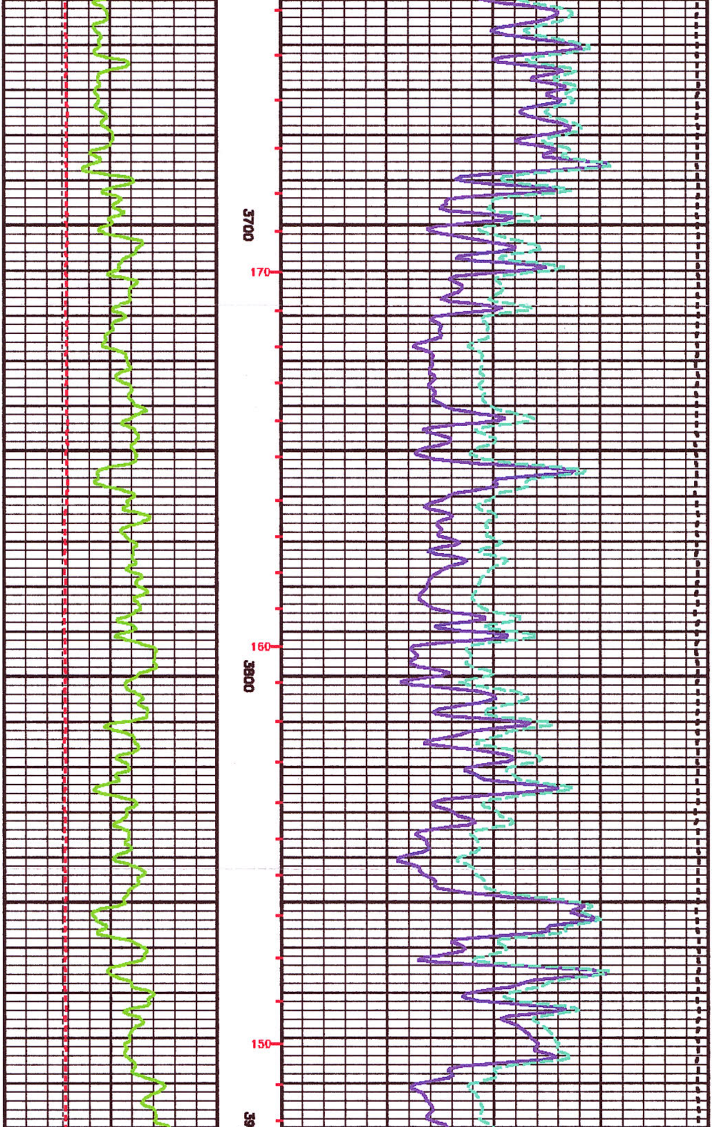

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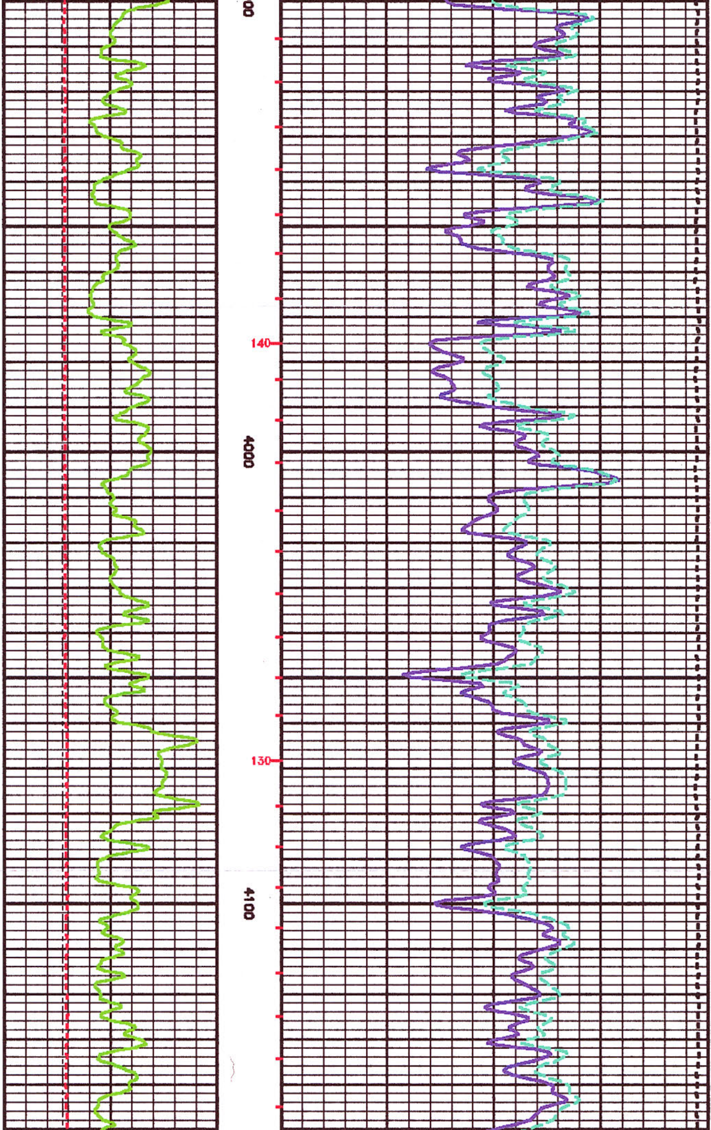

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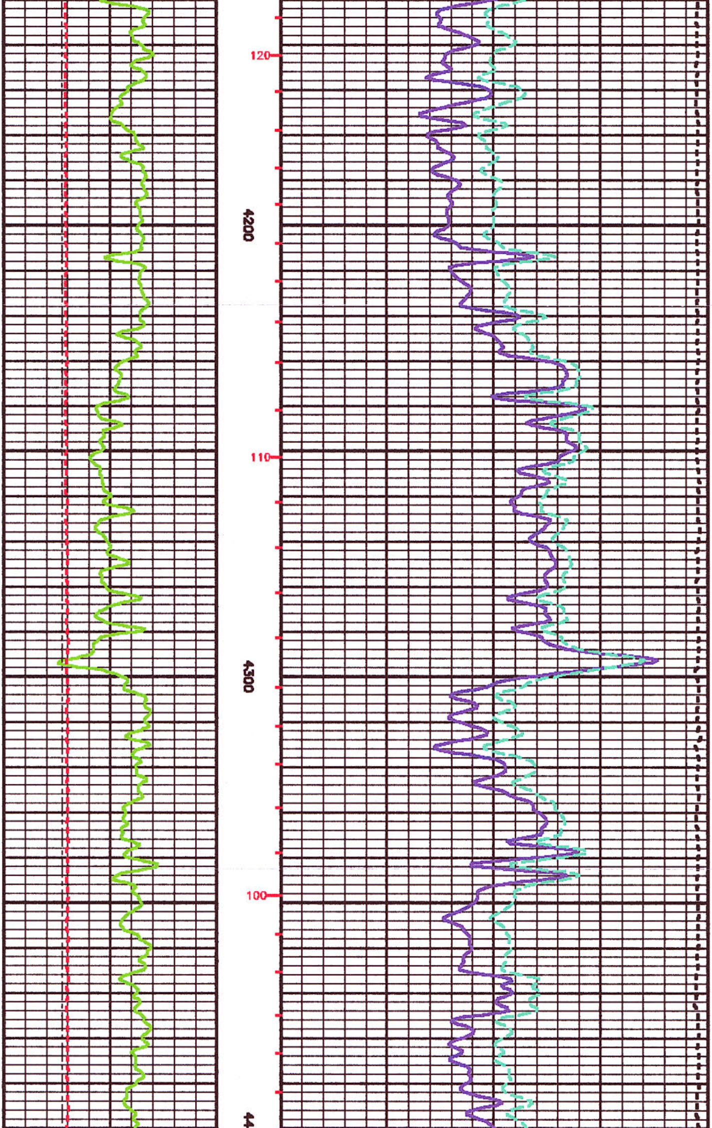

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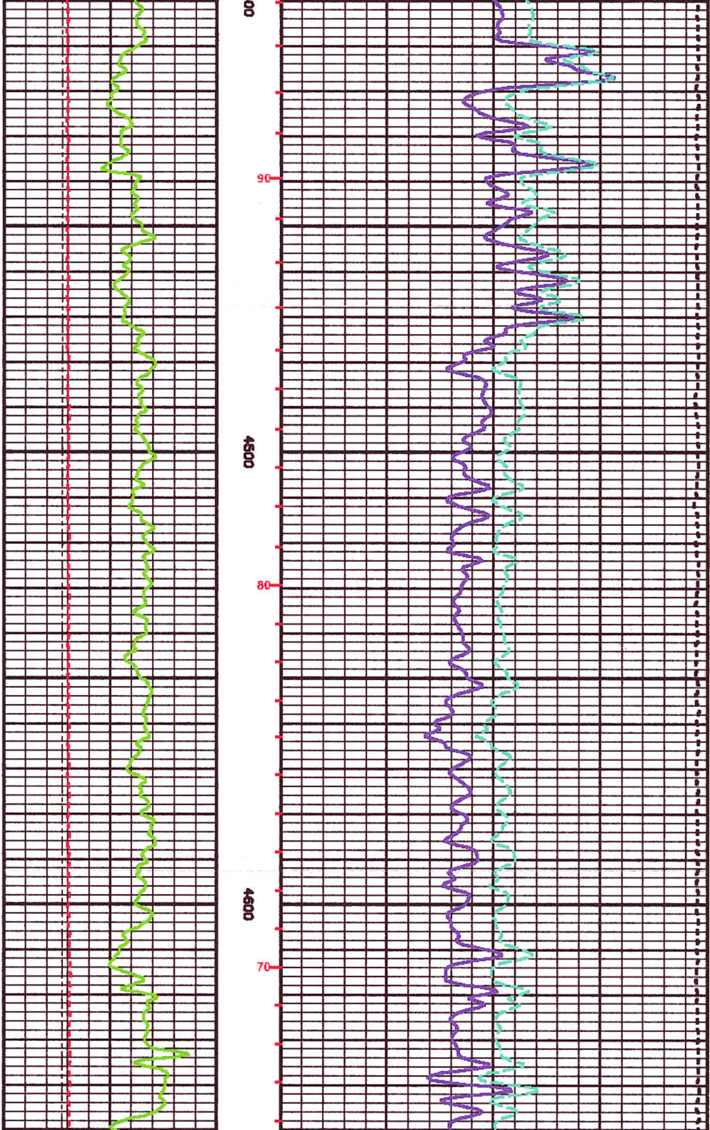

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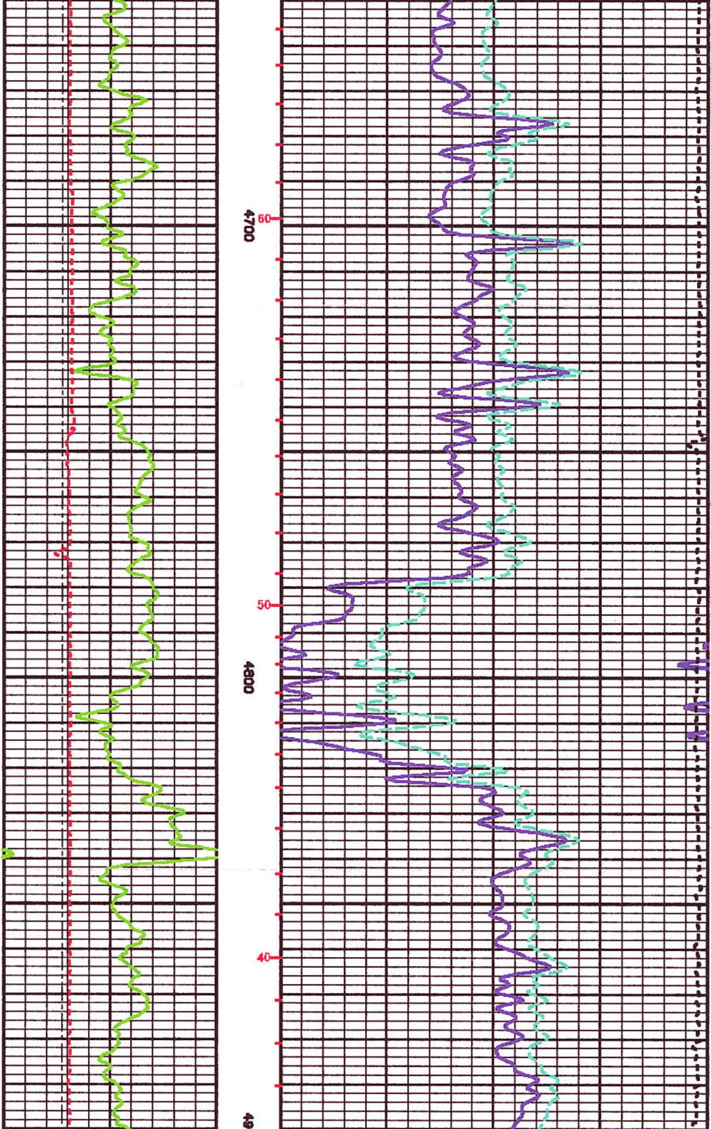

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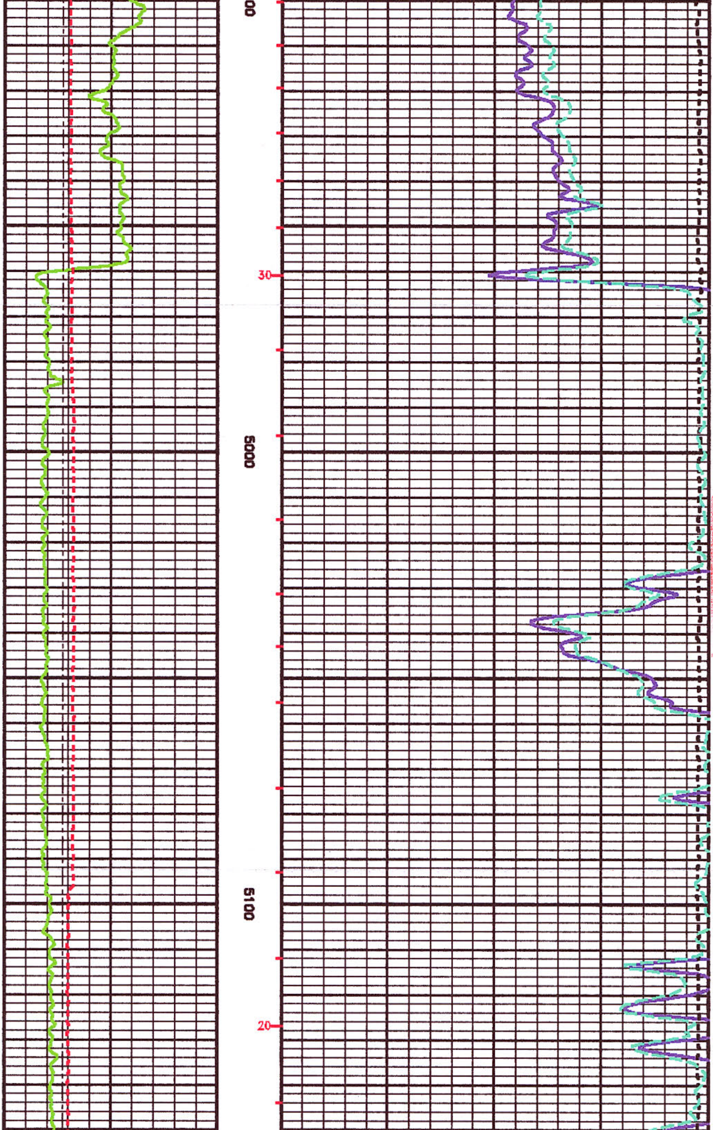

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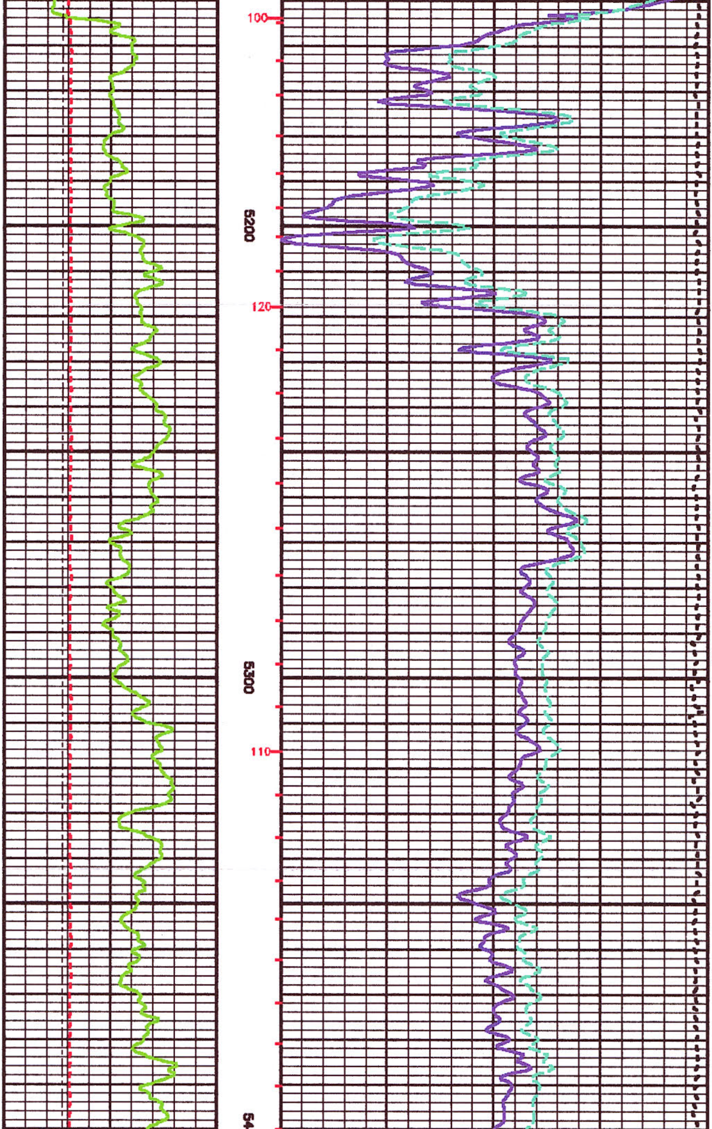

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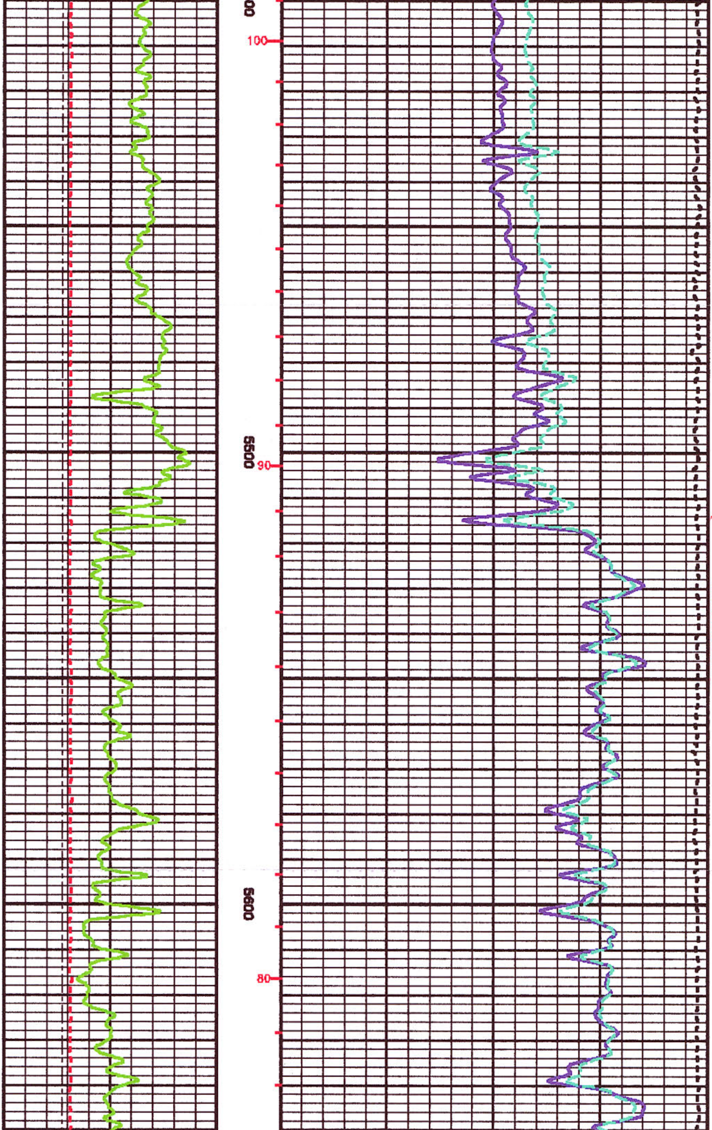

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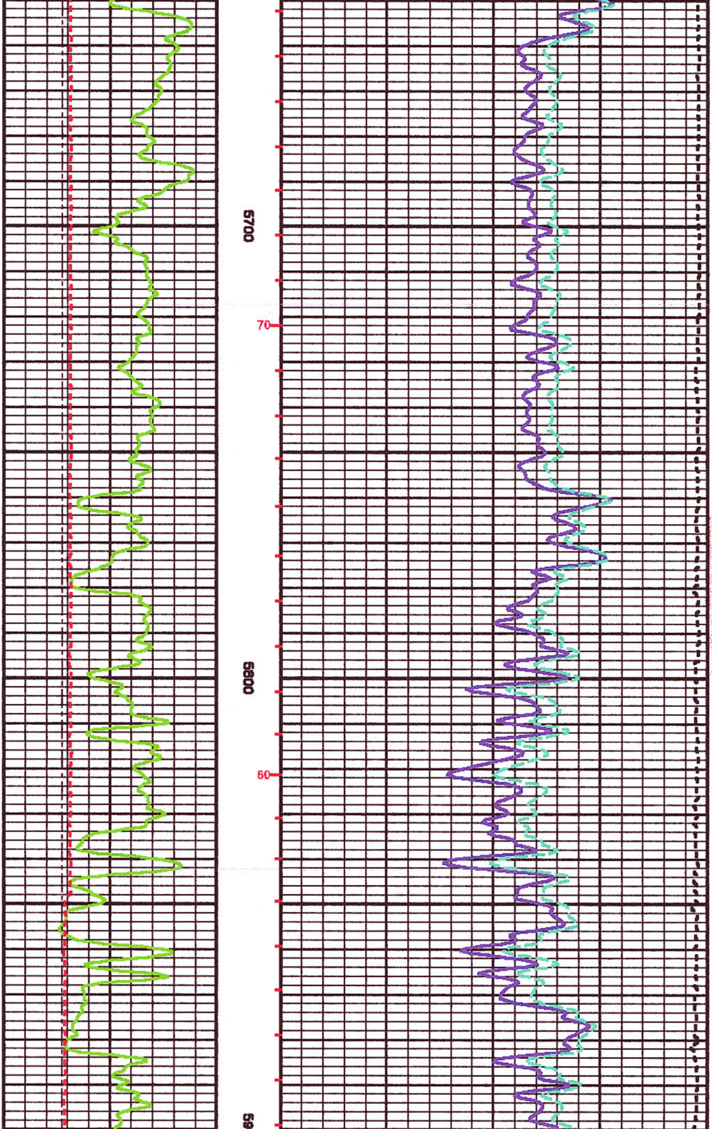

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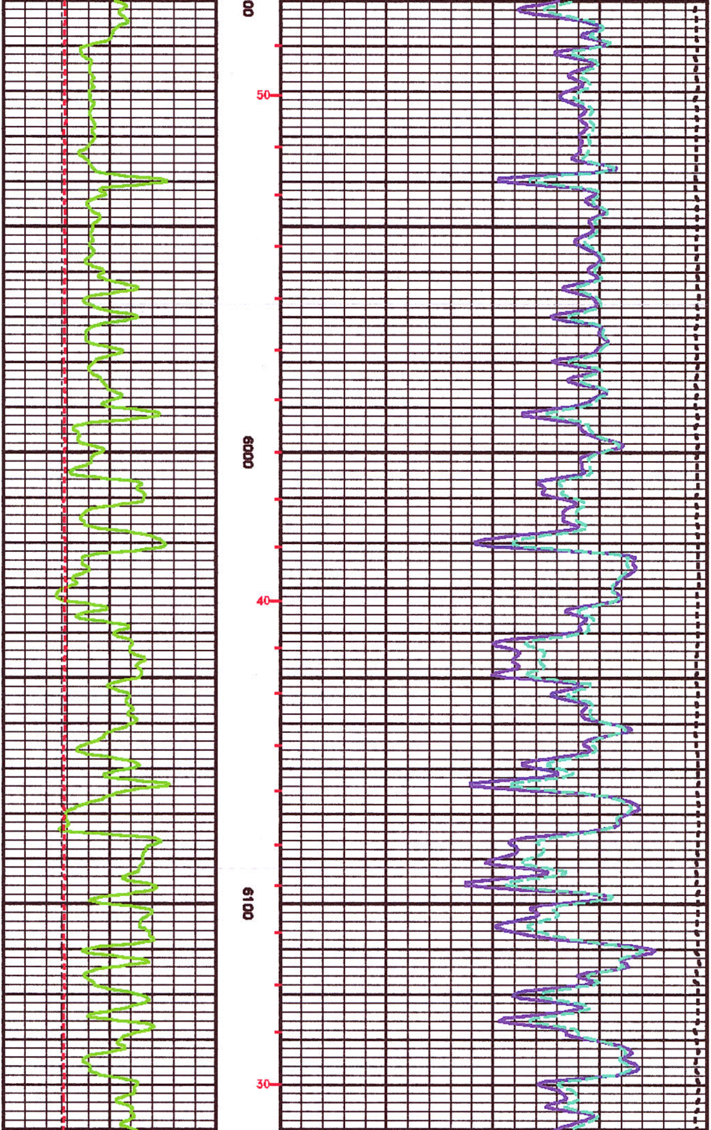

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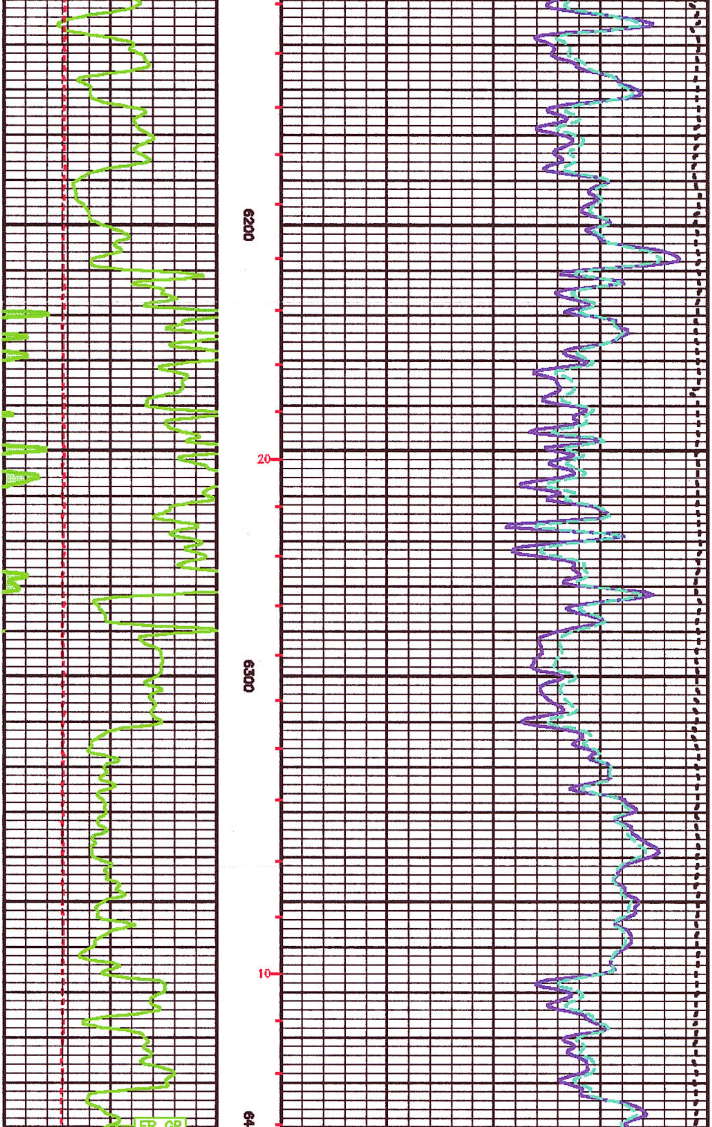

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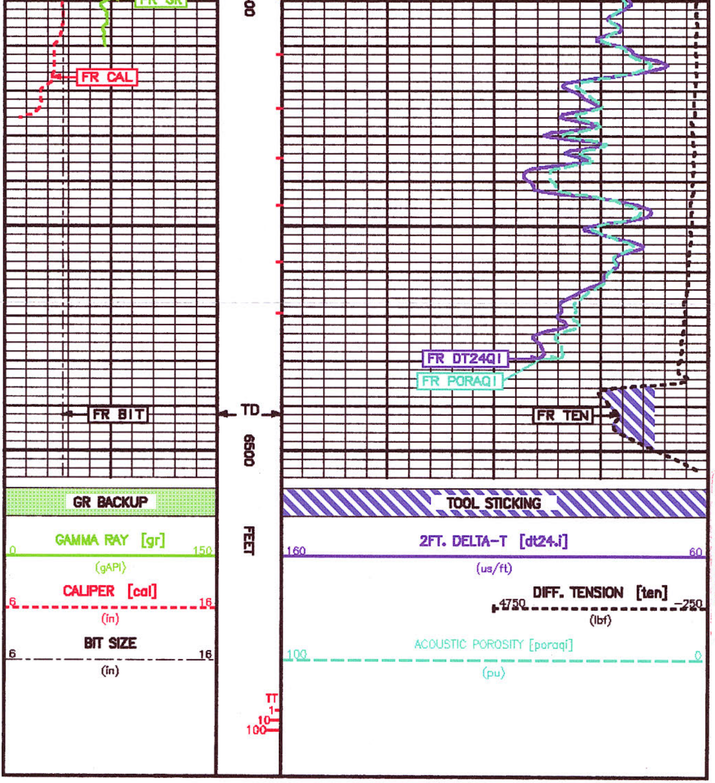

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