



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	ROBERTS TRUST 'B' 1-3		
Field	WILDCAT		
County	LANE	State	KANSAS
Location:	API # : 15-101-22418-00-00 W/2 - SE - NE 3300' FSL & 990' FEL		Other Services
	SEC 3 TWP 16S RGE 28W		DIL
Permanent Datum	GROUND LEVEL	Elevation	2531
Log Measured From	KELLY BUSHING 8' A.G.L.		K.B. 2539
Drilling Measured From	KELLY BUSHING		D.F. 2537
			G.L. 2531
Date	02/03/2013		
Run Number	ONE		
Depth Driller	4400		
Depth Logger	4402		
Bottom Logged Interval	4378		
Top Log Interval	3500		
Casing Driller	265		
Casing Logger			
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.6 / 52		
pH / Fluid Loss	9.0 / 7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.0 @ 68F		
Rmf @ Meas. Temp	.8 @ 68F		
Rmc @ Meas. Temp	1.2 @ 68F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.56 @ 120F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	12:00 A.M.		
Maximum Recorded Temperature	123F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	MIKE GARRISON		
Witnessed By	MIKE KIDWELL		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: SHIELDS, KS- LAREDO RD 5 NORTH TO DEAD END (COUNTY LINE), 2.5 EAST, SOUTH INTO

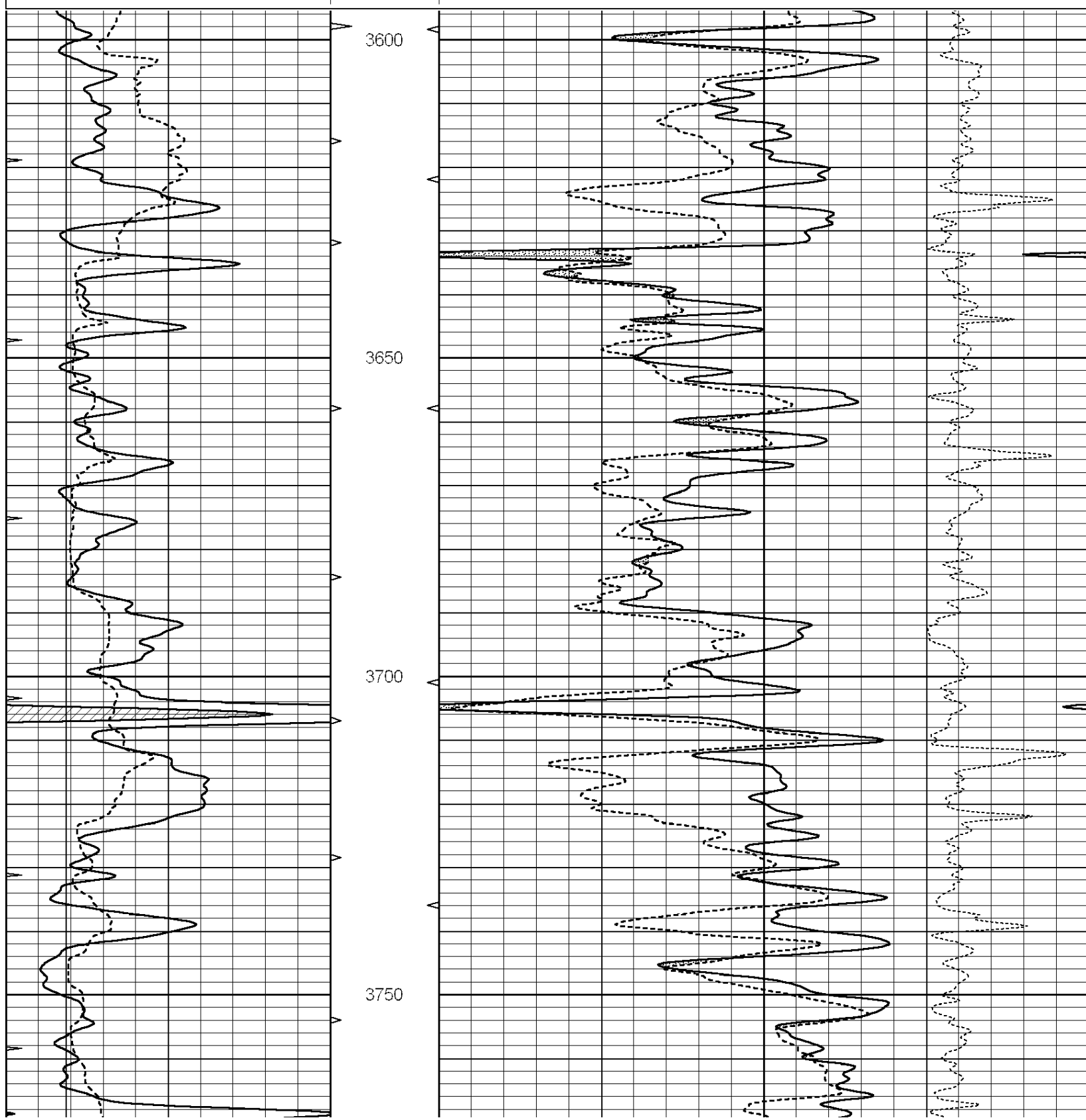


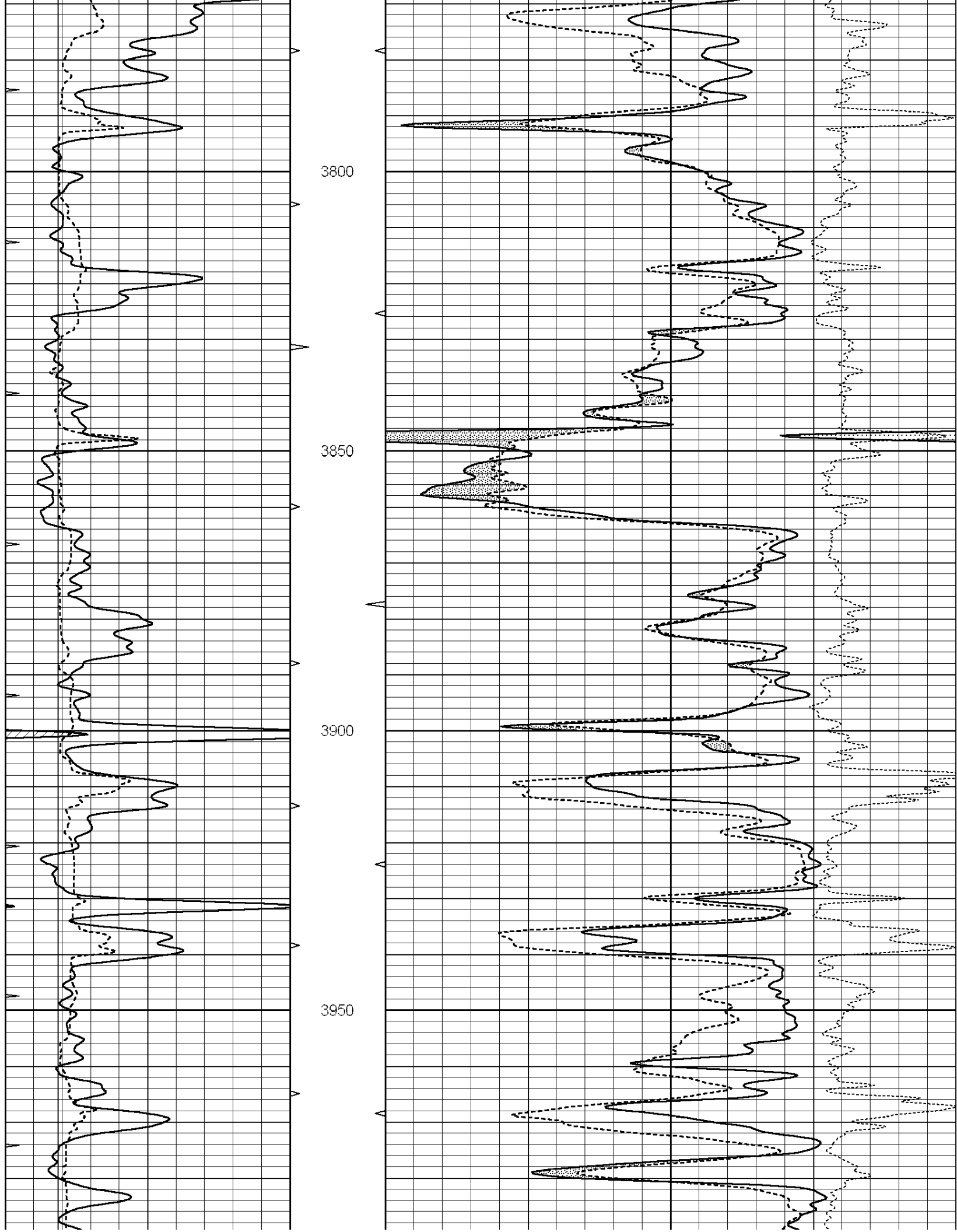
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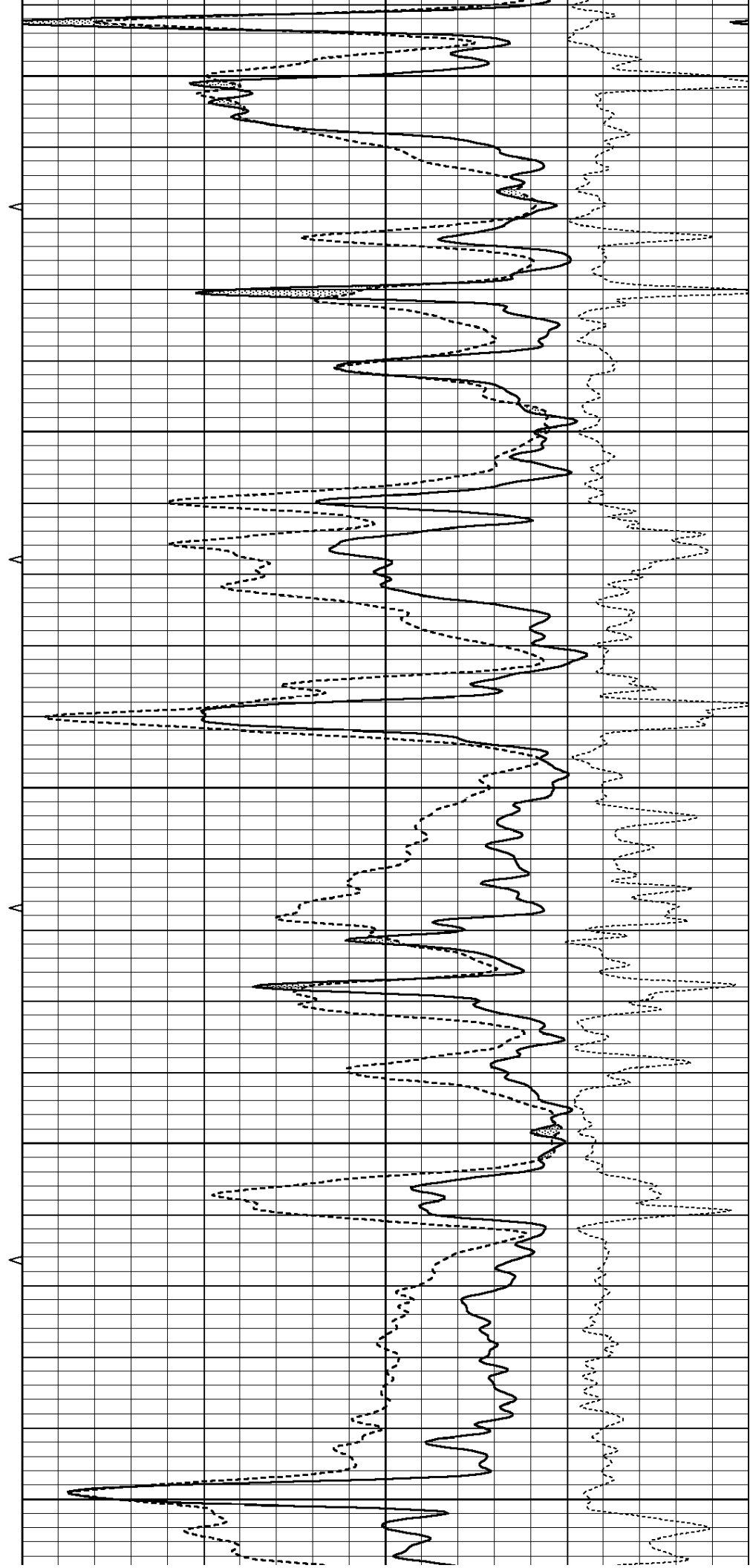
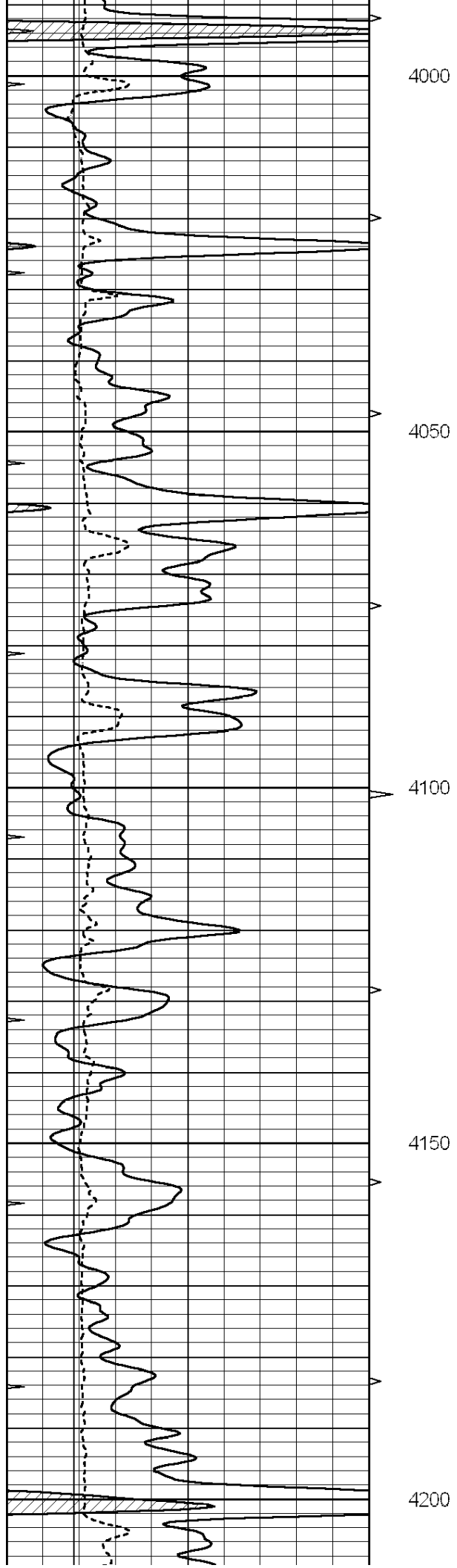
MAIN SECTION

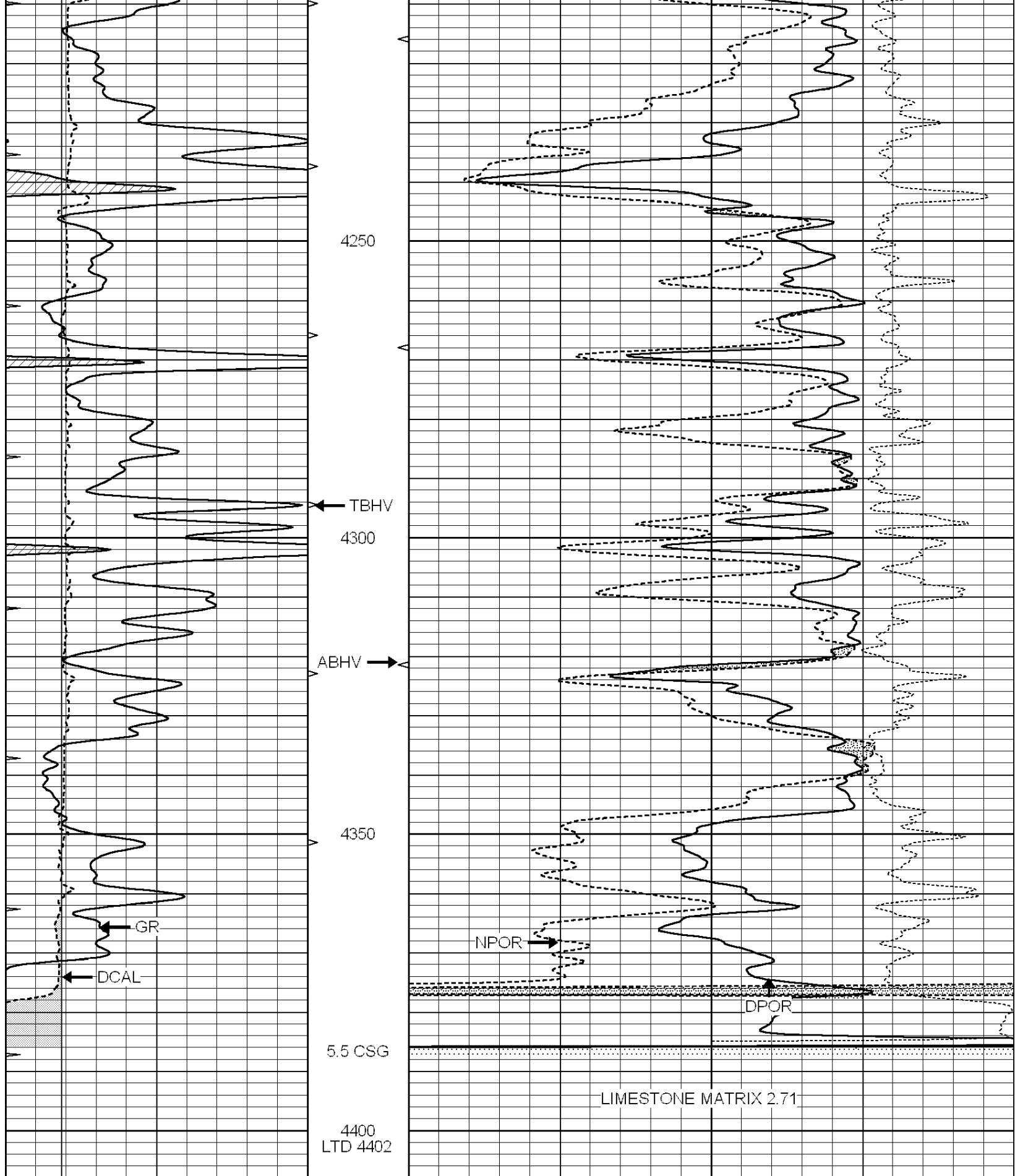
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 Dataset Pathname: pass4.1
 Presentation Format: den_neu
 Dataset Creation: Mon Feb 04 00:40:01 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		









0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV		-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3) 10					

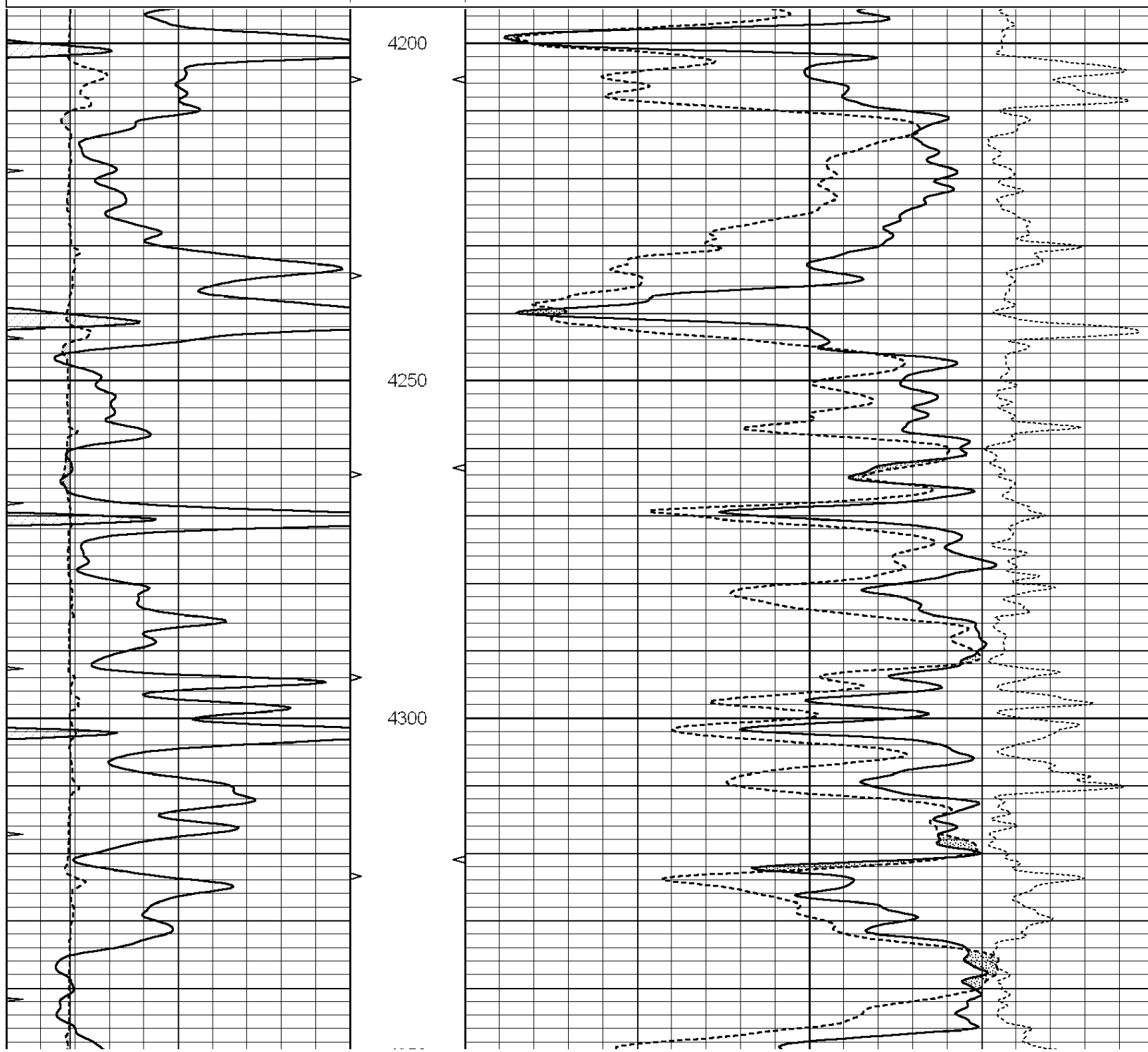


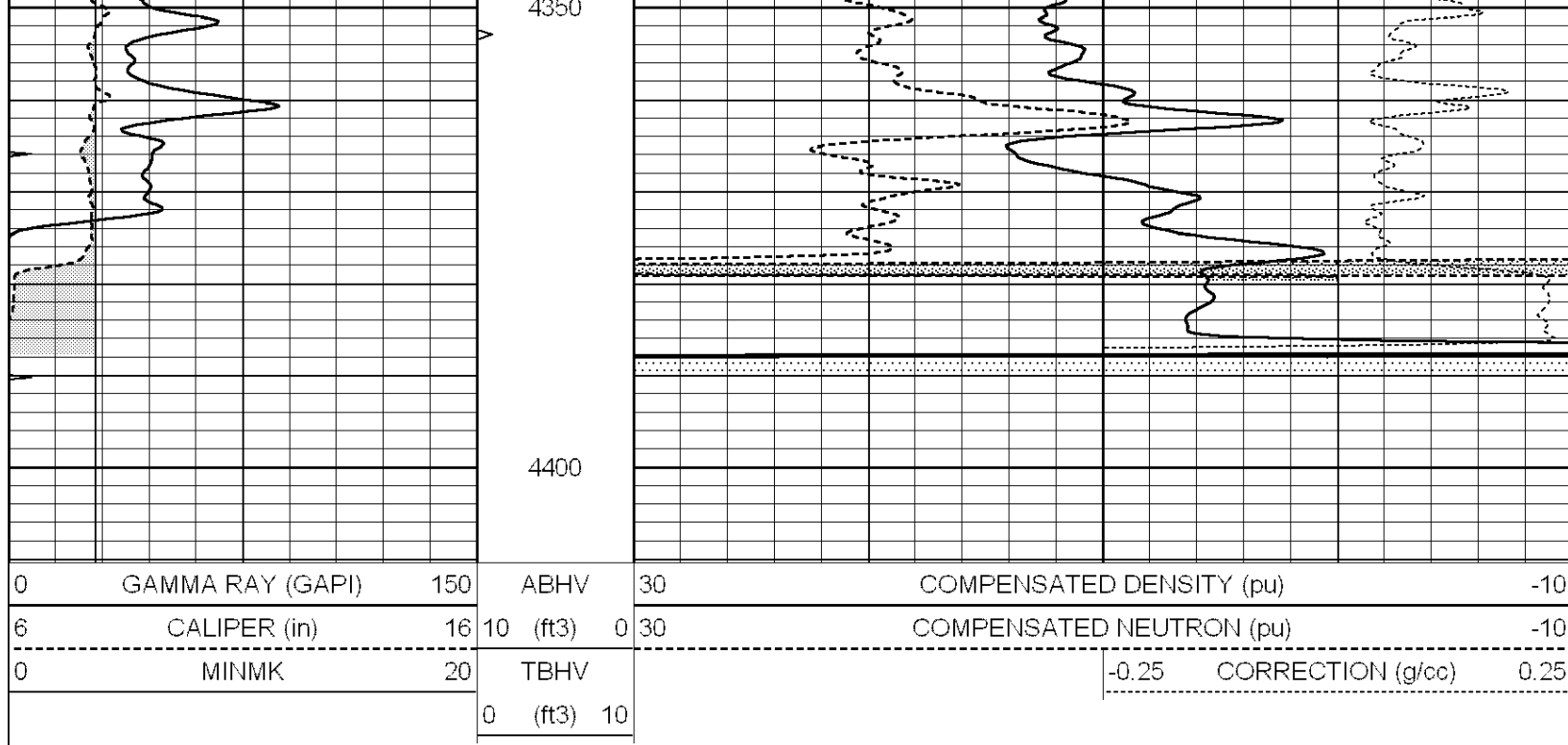
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REPEAT SECTION

Database File: 010665dildn.db
Dataset Pathname: pass2.2
Presentation Format: den_neu
Dataset Creation: Mon Feb 04 00:25:37 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





Calibration Report

Database File: 010665dildn.db
 Dataset Pathname: pass4.1
 Dataset Creation: Mon Feb 04 00:40:01 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
 Surface Cal Performed: Sat Feb 02 01:31:14 2013
 Downhole Cal Performed: Sat Jan 19 19:51:38 2013
 After Survey Verification Performed: Sat Jan 19 19:51:38 2013

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.793	0.790	V	0.000	400.000	mmho/m	630.000	0.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	700.000	-49.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification

Readings				Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000

Deep	0.000	0.000	mmho/m	10000.000	21004.000	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m		
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Fri Feb 01 23:17:10 2013

Master Calibration						
	Density			Far Detector		Near Detector
Magnesium	1.710	g/cc		1205.77		610.74 cps
Aluminum	2.590	g/cc		271.21		419.72 cps
	Spine Angle = 75.89			Density/Spine Ratio = 0.572		
	Size			Reading		
Small Ring	6.90	in		4.69	V	
Large Ring	14.00	in		6.52	V	

Compensated Neutron Calibration Report

Serial Number:	NEU_4I
Tool Model:	G

CALIBRATION						
	Detector	Readings		Target		Normalization
	Short Space	1.00	cps	1.00	cps	1.0000
	Long Space	1.00	cps	1.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sat Feb 02 04:28:00 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	2.1000	GAPI/cps