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LAMPIRAN

Hasil Perhitungan Nilai RMSE

Nilai RMSE perhitungan kandungan lempung

Depth (ft)	Observasi	Kalkulasi			(Selisih)^2		
	Mineral Lempung (Dec)	Vsh_Cl (Dec)	Vsh_Ln (Dec)	Vsh_St (Dec)	Vsh_Cl (Dec)	Vsh_Ln (Dec)	Vsh_St (Dec)
3361	0.22	0.2434	0.4217	0.1956	0.000548	0.040683	0.000595
3605	0.08	0.105	0.2142	0.0833	0.000625	0.01801	1.09E-05
3710	0.05	0.1041	0.2127	0.0826	0.002927	0.026471	0.001063
3769	0.06	0.0133	0.0315	0.0107	0.002181	0.000812	0.00243
3840	0.03	0.0169	0.0398	0.0136	0.000172	9.E-05	0.000269
4042	0.05	0.0475	0.1059	0.038	6.25E-06	0.003125	0.000144
Jumlah					0.006458	0.089197	0.004512
RMSE					0.032808	0.121927	0.027424

Nilai RMSE perhitungan porositas

Depth (ft)	Observasi	Kalkulasi			(Selisih)^2		
	Phi Core (Dec)	Phi D(Dec)	Phi ND (Dec)	Phi NS (Dec)	Phi D(Dec)	Phi ND (Dec)	Phi NS (Dec)
3102	0,158	0,2155	0,2309	0,3116	0,003306	0,005314	0,023593
3145	0,193	0,2309	0,2369	0,2824	0,001436	0,001927	0,007992
3151	0,215	0,2114	0,2196	0,2647	1,3E-05	2,12E-05	0,00247
3270	0,183	0,1895	0,1978	0,2388	4,23E-05	0,000219	0,003114
3280	0,19	0,2196	0,2261	0,2785	0,000876	0,001303	0,007832
3290	0,206	0,2355	0,2454	0,3126	0,00087	0,001552	0,011364
3361	0,178	0,2001	0,2166	0,2844	0,000488	0,00149	0,011321
3363	0,194	0,1808	0,1957	0,2503	0,000174	2,89E-06	0,00317
3365	0,221	0,1796	0,1919	0,2501	0,001714	0,000847	0,000847
3551	0,227	0,1798	0,1951	0,2308	0,002228	0,001018	1,44E-05
3605	0,26	0,2175	0,2438	0,3068	0,001806	0,000262	0,00219
3608	0,277	0,2328	0,2487	0,2893	0,001954	0,000801	0,000151
3710	0,294	0,2514	0,2634	0,3252	0,001815	0,000936	0,000973
3714	0,269	0,2817	0,2888	0,3243	0,000161	0,000392	0,003058
3767	0,284	0,3263	0,3263	0,4041	0,001789	0,001789	0,014424
3769	0,295	0,3324	0,3276	0,3841	0,001399	0,001063	0,007939
3771	0,277	0,3281	0,3282	0,3917	0,002611	0,002621	0,013156
3840	0,231	0,322	0,3176	0,3426	0,008281	0,0075	0,012455

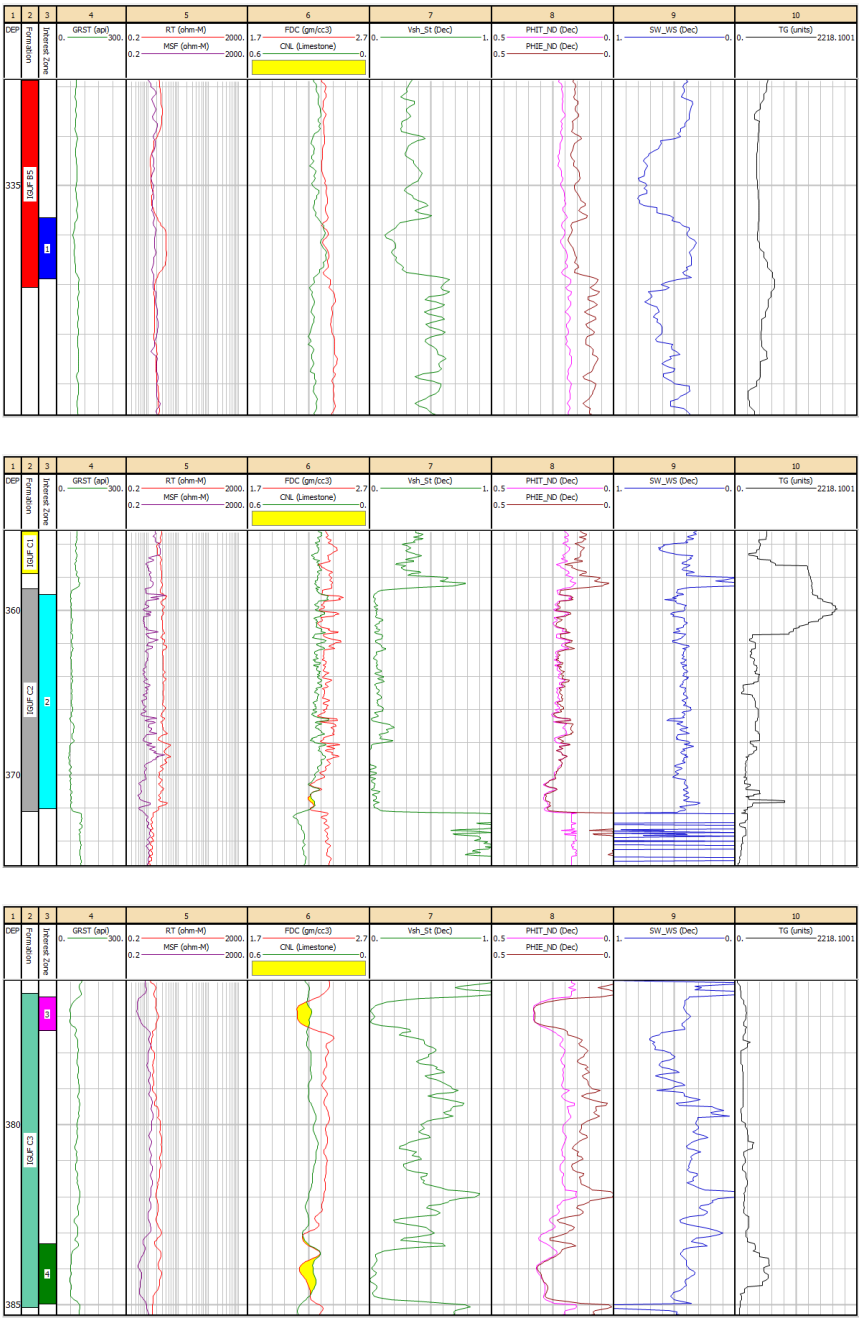
3945	0,252	0,167	0,237	0,3143	0,007225	0,000225	0,003881
3947	0,262	0,2401	0,2675	0,3594	0,00048	3,03E-05	0,009487
3949	0,268	0,2582	0,283	0,374	9,6E-05	0,000225	0,011236
4042	0,249	0,1815	0,1793	0,2093	0,004556	0,004858	0,001576
4455	0,161	0,0558	0,1552	0,2178	0,011067	3,36E-05	0,003226
4456	0,181	0,0702	0,166	0,2394	0,012277	0,000225	0,003411
Jumlah					0,066666	0,034656	0,15888
RMSE					0,052704	0,038	0,081363

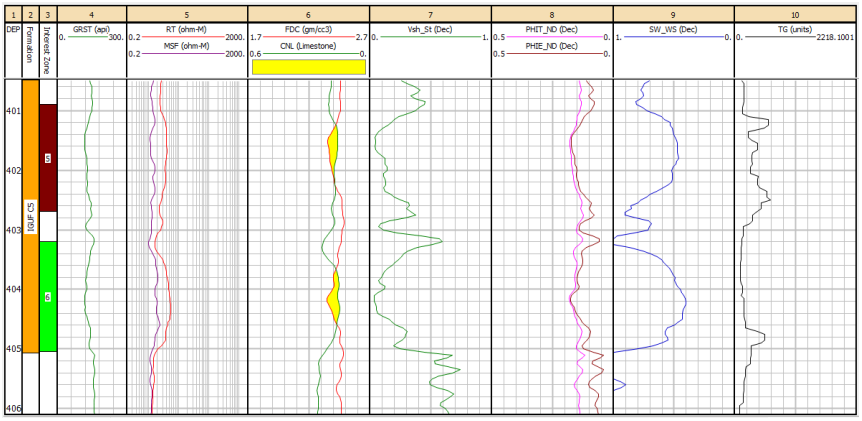
Nilai RMSE perhitungan saturasi air

Depth (ft)	Observasi	Kalkulasi				(Selisih)^2			
	Sw *Core* (Dec)	SW_DW	SW_Ind	SW_Smn	SW_Wxs	SW_DW	SW_Ind	SW_Smn	SW_Wxs
3102	0.536	0.3263	0.6023	0.7288	0.5833	0.043974	0.004396	0.037172	0.002237
3145	0.497	0.2431	0.4871	0.5478	0.4189	0.064465	9.8E-05	0.002581	0.0061
3151	0.398	0.001	0.4757	0.5453	0.3215	0.157609	0.006037	0.021697	0.005852
3270	0.477	0.001	0.5755	0.687	0.4406	0.226576	0.009702	0.0441	0.001325
3280	0.435	0.1442	0.5109	0.5978	0.4121	0.084565	0.005761	0.026504	0.000524
3361	0.425	0.3127	0.4797	0.5182	0.4283	0.012611	0.002992	0.008686	1.09E-05
3363	0.455	0.325	0.5221	0.5589	0.4647	0.0169	0.004502	0.010795	9.41E-05
3365	0.373	0.3074	0.5321	0.5751	0.471	0.004303	0.025313	0.040844	0.009604
3551	0.387	0.1525	0.551	0.6334	0.4518	0.05499	0.026896	0.060713	0.004199
3605	0.334	0.4717	0.5284	0.5455	0.5129	0.018961	0.037791	0.044732	0.032005
3608	0.328	0.4483	0.5007	0.5143	0.4846	0.014472	0.029825	0.034708	0.024524
3710	0.3	0.4452	0.4995	0.5152	0.4828	0.021083	0.0398	0.046311	0.033416
3714	0.338	0.4521	0.4836	0.4925	0.4733	0.013019	0.021199	0.02387	0.018306
3767	0.292	0.4953	0.5159	0.5237	0.5099	0.041331	0.050131	0.053685	0.04748
3769	0.302	0.4809	0.4867	0.4884	0.4847	0.032005	0.034114	0.034745	0.033379
3771	0.368	0.4804	0.4843	0.4854	0.4829	0.012634	0.013526	0.013783	0.013202
3840	0.418	0.4522	0.4601	0.4621	0.4572	0.00117	0.001772	0.001945	0.001537
3945	0.326	0.5838	0.5838	0.5838	0.5838	0.066461	0.066461	0.066461	0.066461
3947	0.334	0.5925	0.5925	0.5925	0.5925	0.066822	0.066822	0.066822	0.066822
3949	0.357	0.6408	0.6408	0.6408	0.6408	0.080542	0.080542	0.080542	0.080542
4455	0.466	0.2582	0.6252	0.6855	0.4601	0.043181	0.025345	0.04818	3.48E-05
4456	0.496	0.6472	0.7391	0.7638	0.7031	0.022861	0.059098	0.071717	0.04289
Jumlah						1.100536	0.612125	0.840594	0.490546
RMSE						0.223661	0.166805	0.195471	0.149324

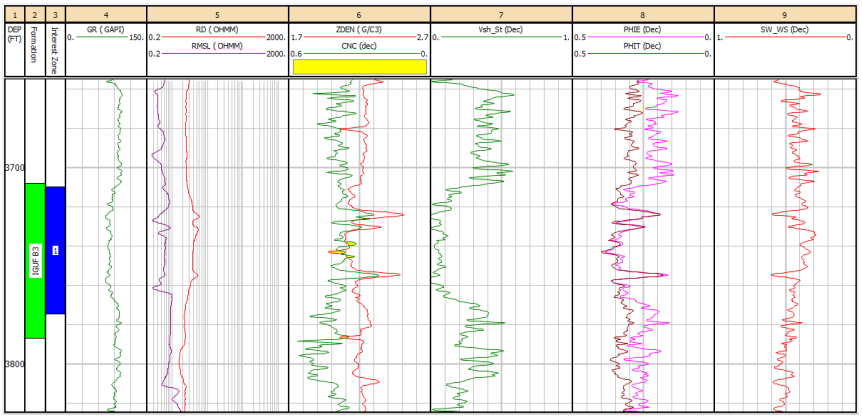
Hasil Analisa Petrofisika di Setiap Sumur

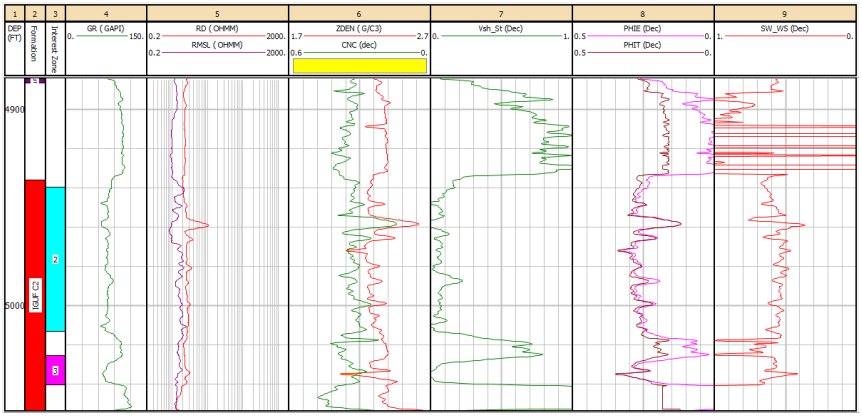
Sumur PTC-1



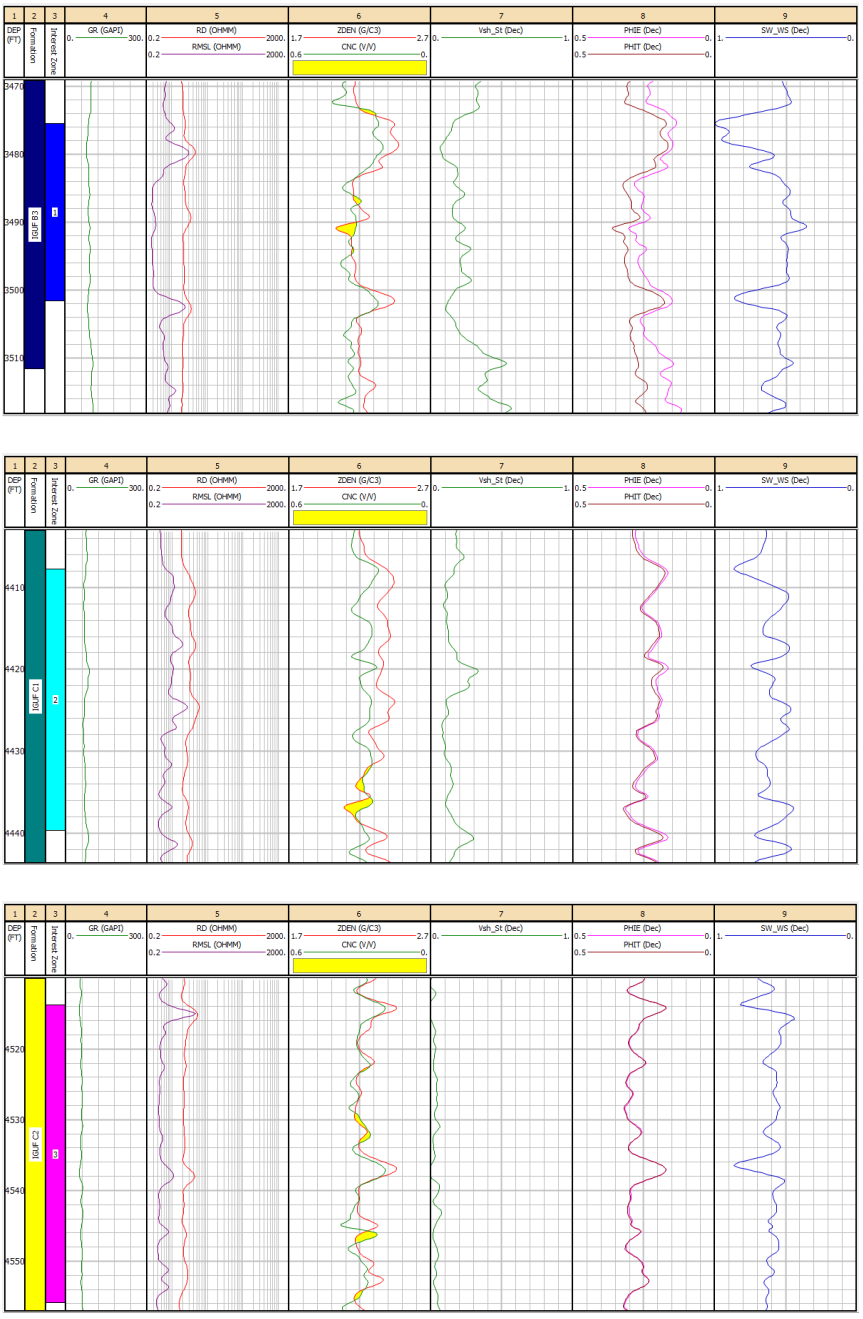

GRST (api)
RT (ohm-M)
MSF (ohm-M)
FDC (gm/cc3)
CNL (Limestone)
Vsh_St (Dec)
PHIT_ND (Dec)
PHIE_ND (Dec)
SW_WS (Dec)
TG (units)
Formation
Interest Zone

Sumur PTC-7


GR (GAPI)
RD (OHMM)
RMSL (OHMM)
ZDEN (G/C3)
CNC (dec)
Vsh_St (Dec)
PHIE (Dec)
PHIT (Dec)
SW_WS (Dec)
Formation
Interest Zone


GR (GAPI)
RD (OHMM)
RMSL (OHMM)
ZDEN (G/C3)
CNC (dec)
Vsh_St (Dec)
PHIE (Dec)
PHIT (Dec)
SW_WS (Dec)
Formation
Interest Zone

Sumur PTC-8


1
2
3
4
5
6
7
8
9
DEP (FT)
Formation
Interest Zone
GR (GAPI)
0.
300.
RD (OHMM)
RMSL (OHMM)
0.2
2000.
ZDEN (G/C3)
CNC (V/V)
1.7
2.7
0.6
Vsh_St (Dec)
PHIE (Dec)
PHIT (Dec)
0.5
SW_WS (Dec)
1.
3470
3480
3490
3500
3510
4410
4420
4430
4440
4520
4530
4540
4550