

DAFTAR PUSTAKA

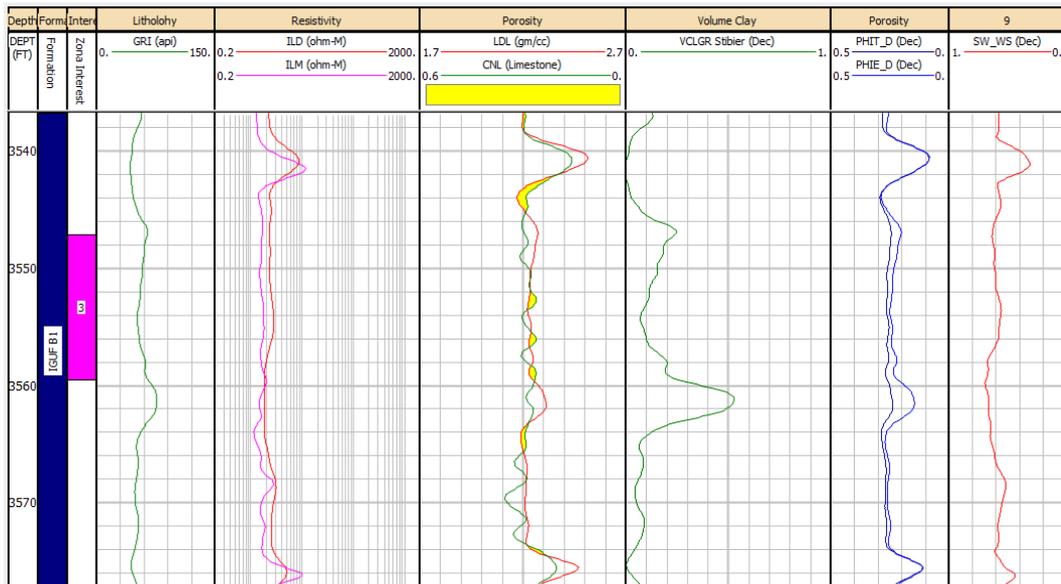
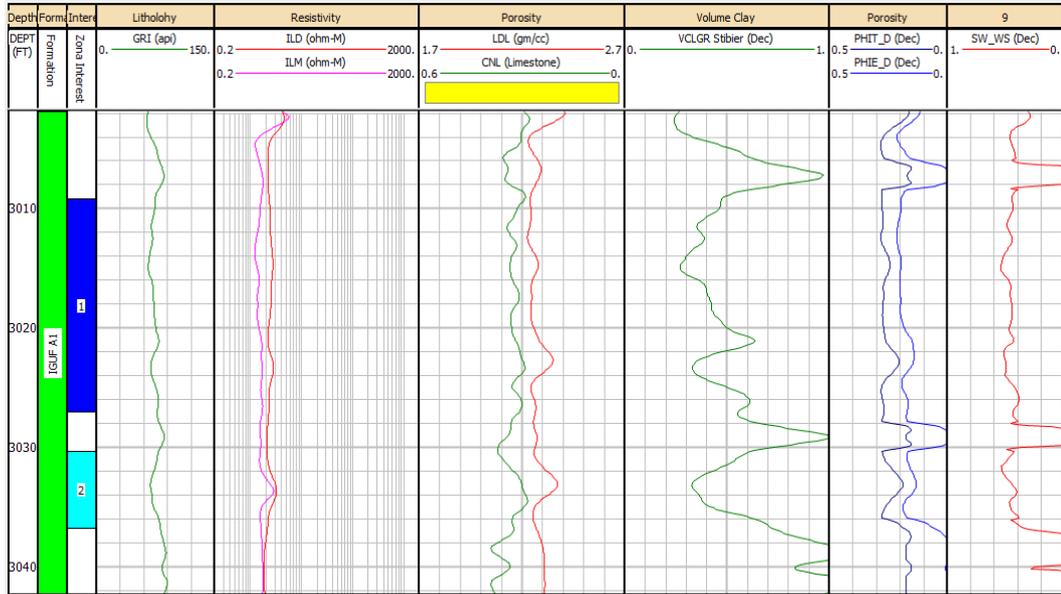
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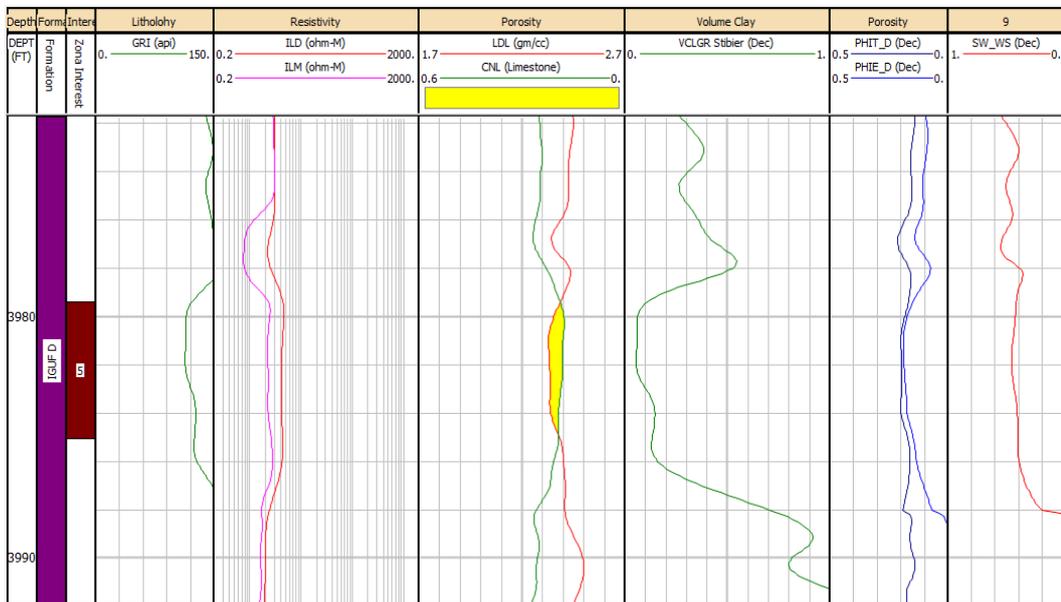
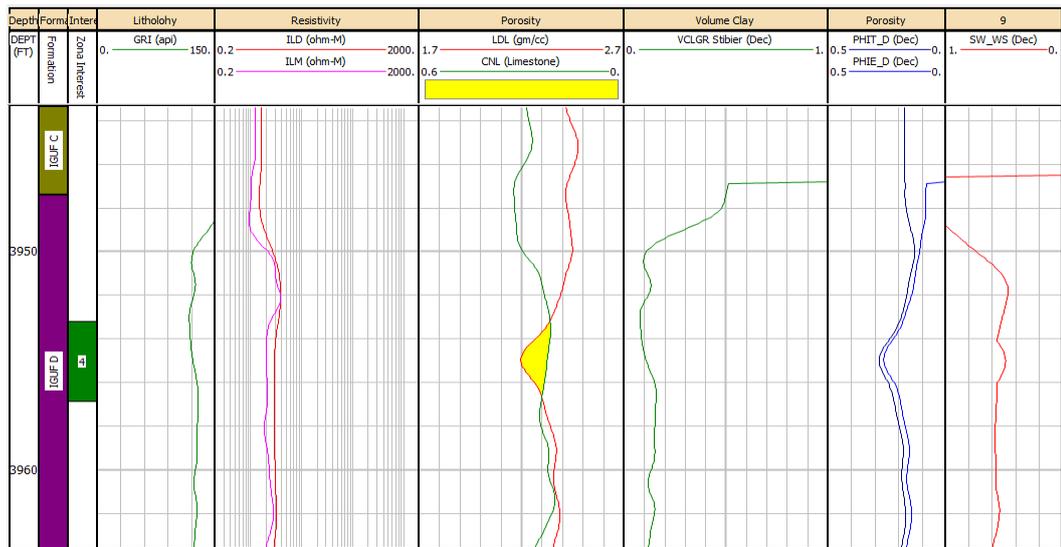
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LAMPIRAN

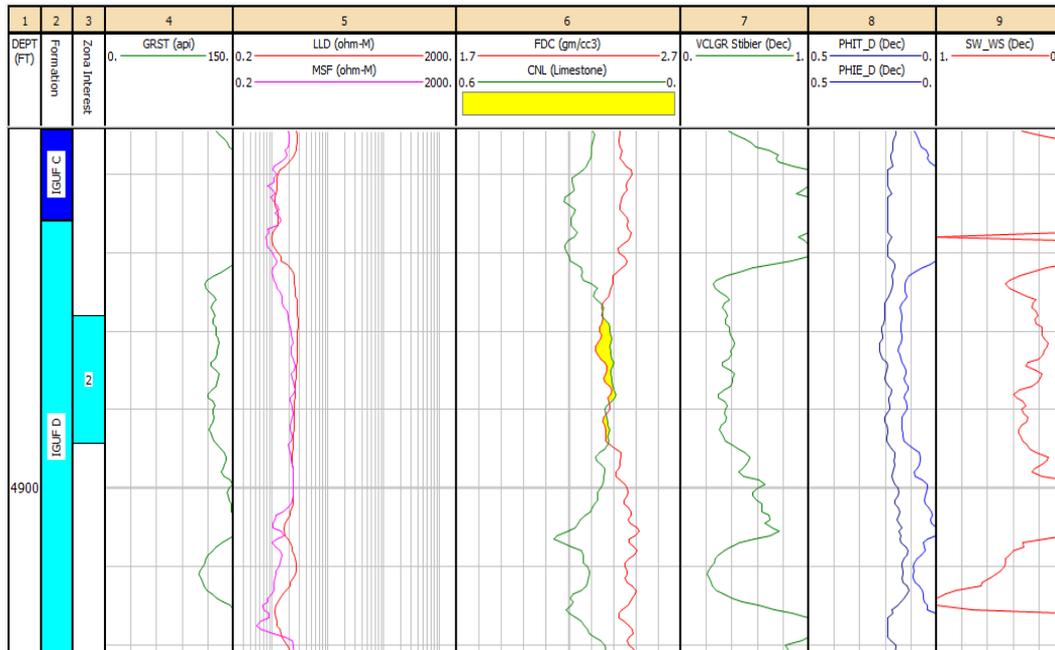
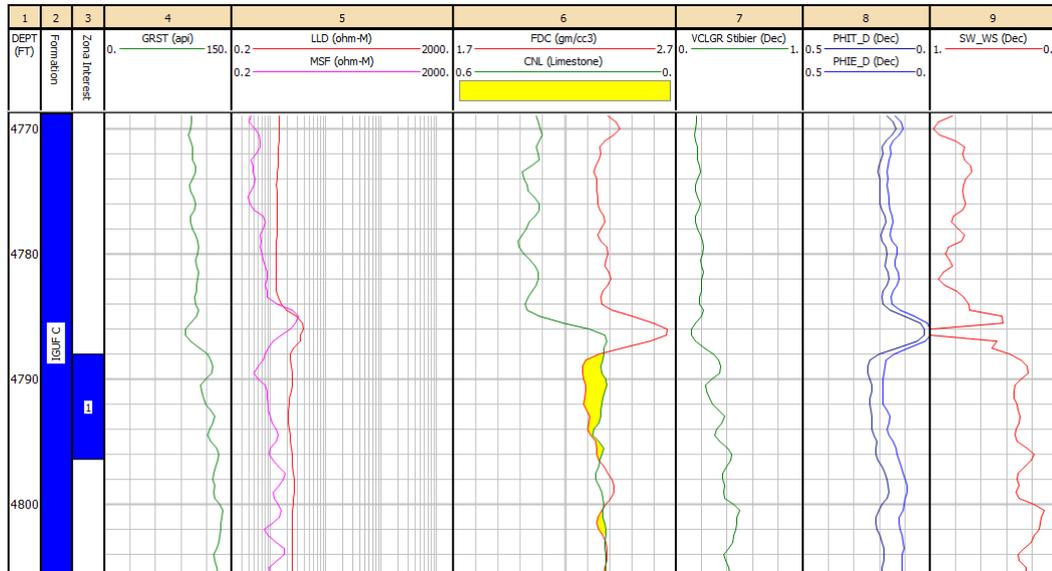
Hasil Analisa Petrofisika di Setiap Sumur

Sumur PC 87

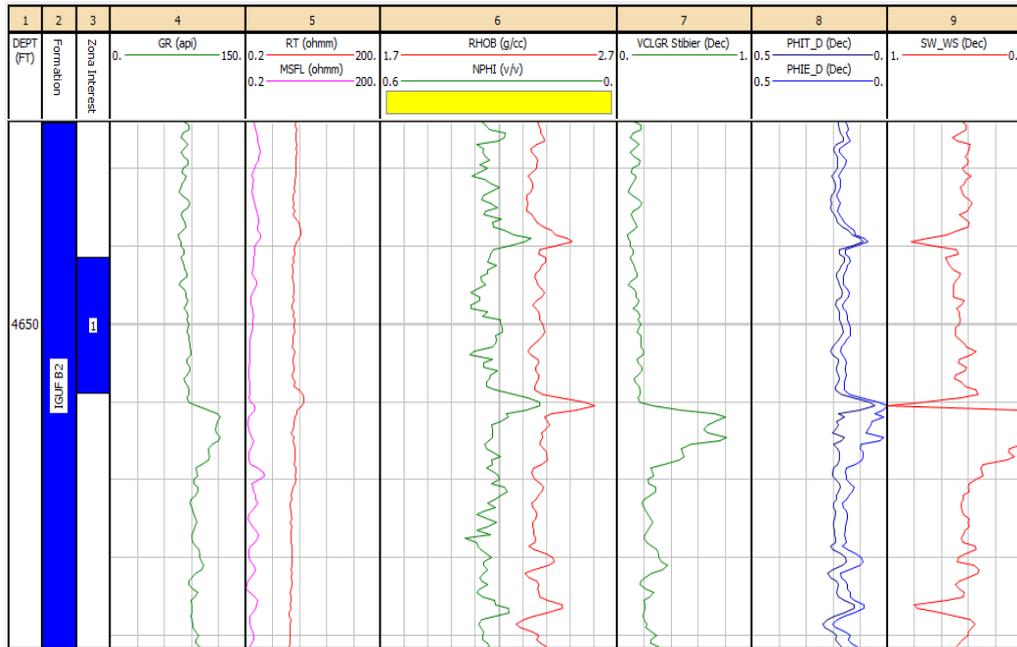




Sumur PC 55



Sumur PC 96



Hasil Perhitungan Nilai RMSE

Nilai RMSE perhitungan kandungan lempung

Depth feet	Observasi	Kalkulasi			Selisih			Selisih ²		
	Vsh XRD	Vsh Stibier	Vsh Linear	Vsh Clavier	Vsh Stibier	Vsh Linear	Vsh Clavier	Vsh Stibier	Vshale sh	Vsh Clavier
3970.2	0.23	0.1816	0.3997	0.2267	0.0484	-0.1697	0.0033	0.002343	0.028798	1.09E-05
3970.7	0.2	0.1831	0.402	0.2284	0.0169	-0.202	-0.0284	0.000286	0.040804	0.000807
3975	0.25	0.2766	0.5342	0.3374	-0.0266	-0.2842	-0.0874	0.000708	0.08077	0.007639
3977.2	0.28	0.4833	0.7373	0.5536	-0.2033	-0.4573	-0.2736	0.041331	0.209123	0.074857
3981.2	0.17	0.0582	0.1565	0.0732	0.1118	0.0135	0.0968	0.012499	0.000182	0.00937
3982.2	0.14	0.0577	0.1552	0.0725	0.0823	-0.0152	0.0675	0.006773	0.000231	0.004556
3984.2	0.16	0.1451	0.3374	0.1822	0.0149	-0.1774	-0.0222	0.000222	0.031471	0.000493
3987.8	0.25	0.6354	0.8394	0.6949	-0.3854	-0.5894	-0.4449	0.148533	0.347392	0.197936
3988.3	0.13	0.7912	0.9192	0.8292	-0.6612	-0.7892	-0.6992	0.437185	0.622837	0.488881
3992.6	0.43	1.054	1.054	1.054	-0.624	-0.624	-0.624	0.389376	0.389376	0.389376
Jumlah								1.039256	1.750984	1.173925
RMSE								0.32237	0.41845	0.34263

Nilai RMSE perhitungan porositas

Sumur PC 87										
Depth	Observasi	Kalkulasi			Selisih			Selisih^2		
	Porositas RCAL	PHIT Density	PHIT Neutron Density	PHIT Neutron Sonic	PHIT Density	PHIT Neutron Density	PHIT Neutron Sonic	PHIT Density	PHIT Neutron Density	PHIT Neutron Sonic
feet	dec	dec	dec	dec	dec	dec	dec	dec	dec	dec
3970.20	0.208	0.1728	0.2168	0.2621	0.0352	-0.0088	-0.0541	0.001239	7.74E-05	0.002927
3971.20	0.199	0.1505	0.2049	0.2552	0.0485	-0.0059	-0.0562	0.002352	3.48E-05	0.003158
3972.10	0.147	0.1446	0.1931	0.2335	0.0024	-0.0461	-0.0865	5.76E-06	0.002125	0.007482
3973.10	0.129	0.1596	0.1902	0.209	-0.0306	-0.0612	-0.08	0.000936	0.003745	0.0064
3974.20	0.128	0.1584	0.1987	0.2274	-0.0304	-0.0707	-0.0994	0.000924	0.004998	0.00988
3975.00	0.059	0.1561	0.1984	0.2304	-0.0971	-0.1394	-0.1714	0.009428	0.019432	0.029378
3976.10	0.118	0.1905	0.2138	0.2502	-0.0725	-0.0958	-0.1322	0.005256	0.009178	0.017477
3977.20	0.146	0.211	0.22	0.2971	-0.065	-0.074	-0.1511	0.004225	0.005476	0.022831
3980.60	0.062	0.2	0.1996	0.2478	-0.138	-0.1376	-0.1858	0.019044	0.018934	0.034522
3981.20	0.161	0.2031	0.203	0.2507	-0.0421	-0.042	-0.0897	0.001772	0.001764	0.008046
3982.20	0.187	0.1994	0.2006	0.2569	-0.0124	-0.0136	-0.0699	0.000154	0.000185	0.004886
3982.60	0.173	0.1992	0.2007	0.2572	-0.0262	-0.0277	-0.0842	0.000686	0.000767	0.00709
3983.20	0.187	0.1992	0.2007	0.2572	-0.0122	-0.0137	-0.0702	0.000149	0.000188	0.004928
3984.20	0.191	0.1979	0.2015	0.2778	-0.0069	-0.0105	-0.0868	4.76E-05	0.00011	0.007534
3985.10	0.192	0.172	0.1865	0.289	0.02	0.0055	-0.097	0.0004	3.03E-05	0.009409
3986.10	0.159	0.1641	0.1865	0.2649	-0.0051	-0.0275	-0.1059	2.6E-05	0.000756	0.011215
3987.00	0.17	0.1723	0.186	0.2319	-0.0023	-0.016	-0.0619	5.29E-06	0.000256	0.003832
3988.30	0.21	0.1605	0.1605	0.1605	0.0495	0.0495	0.0495	0.00245	0.00245	0.00245
3989.20	0.21	0.1656	0.1656	0.1656	0.0444	0.0444	0.0444	0.001971	0.001971	0.001971
Jumlah								0.051073	0.072479	0.195417
RMSE								0.051847	0.061763	0.101415

Nilai RMSE perhitungan saturasi air

Sumur PC 87													
Depth	Observasi	Kalkulasi				Selisih				Selisih^2			
	SW RCAL	SW_WS	SW_DW	SW_Indo	SW_Smdx	SW_WS	SW_DW	SW_Indo	SW_Smdx	SW_WS	SW_DW	SW_Indo	SW_Smdx
feet	dec	dec	dec	dec	dec	dec	dec	dec	dec	dec	dec	dec	dec
3970.20	0.393	0.5903	0.7962	0.8235	0.9238	-0.1973	-0.4032	-0.4305	-0.5308	0.0389273	0.16257024	0.18533025	0.28174864
3971.20	0.362	0.5834	0.9051	0.9106	1	-0.2214	-0.5431	-0.5486	-0.638	0.049018	0.29495761	0.30096196	0.407044
3972.10	0.49	0.4916	0.8799	0.8967	1	-0.0016	-0.3899	-0.4067	-0.51	2.56E-06	0.15202201	0.16540489	0.2601
3973.10	0.595	0.3973	0.688	0.7964	0.9941	0.1977	-0.093	-0.2014	-0.3991	0.0390853	0.008649	0.04056196	0.15928081
3974.20	0.575	0.4927	0.7759	0.8258	0.9867	0.0823	-0.2009	-0.2508	-0.4117	0.0067733	0.04036081	0.06290064	0.16949689
3975.00	0.821	0.4853	0.7756	0.8265	0.9877	0.3357	0.0454	-0.0055	-0.1667	0.1126945	0.00206116	3.025E-05	0.02778889
3976.10	0.636	0.4682	0.5847	0.707	0.8714	0.1678	0.0513	-0.071	-0.2354	0.0281568	0.00263169	0.005041	0.05541316
3977.20	0.59	0.5502	0.5583	0.7137	0.9415	0.0398	0.0317	-0.1237	-0.3515	0.001584	0.00100489	0.01530169	0.12355225
3980.60	0.758	0.4389	0.5515	0.5785	0.5923	0.3191	0.2065	0.1795	0.1657	0.1018248	0.04264225	0.03222025	0.02745649
3981.20	0.483	0.4532	0.5576	0.5831	0.5968	0.0298	-0.0746	-0.1001	-0.1138	0.000888	0.00556516	0.01002001	0.01295044
3982.20	0.411	0.4582	0.5732	0.598	0.6122	-0.0472	-0.1622	-0.187	-0.2012	0.0022278	0.02630884	0.034969	0.04048144
3982.60	0.426	0.4496	0.5635	0.5957	0.6146	-0.0236	-0.1375	-0.1697	-0.1886	0.000557	0.01890625	0.02879809	0.03556996
3983.20	0.403	0.4285	0.5306	0.5817	0.6121	-0.0255	-0.1276	-0.1787	-0.2091	0.0006502	0.01628176	0.03193369	0.04372281
3984.20	0.381	0.4091	0.5197	0.5844	0.6236	-0.0281	-0.1387	-0.2034	-0.2426	0.0007896	0.01923769	0.04137156	0.05885476
3985.10	0.389	0.4048	0.6065	0.6617	0.7038	-0.0158	-0.2175	-0.2727	-0.3148	0.0002496	0.04730625	0.07436529	0.09909904
3986.10	0.502	0.3914	0.6275	0.6957	0.7588	0.1106	-0.1255	-0.1937	-0.2568	0.0122324	0.01575025	0.03751969	0.06594624
3987.00	0.413	0.3334	0.538	0.701	0.8527	0.0796	-0.125	-0.288	-0.4397	0.0063362	0.015625	0.082944	0.19333609
3988.30	0.339	0.001	0.0807	0.9448	1	0.338	0.2583	-0.6058	-0.661	0.114244	0.06671889	0.36699364	0.436921
3989.20	0.499	0.001	0.001	1	1	0.498	0.498	-0.501	-0.501	0.248004	0.248004	0.251001	0.251001
Jumlah										0.7642454	1.18660375	1.76766886	2.74976391
RMSE										0.200558	0.2499056	0.3050167	0.38042662