INTISARI

Telah dilakukan penelitian mengenai anomali kecepatan pada daerah "X" menggunakan metode Kue Lapis. Data yang diperlukan dalam penelitian ini adalah penampang seismik, data log dan synthetic seismogram. Maksud penggunaan metode ini melakukan pembagian pada penampang seismik menjadi 5 lapisan dari permukaan pengukuran sampai ke puncak formasi yang diinginkan.

Kemudian dilakukan intrepretasi untuk memperoleh peta waktu interval per lapisan. Langkah berikutnya menghitung kecepatan interval tiap lapisan pada masing-masing sumur dan harga-harganya diplotkan pada peta dasar untuk dibuat Peta Kecepatan Interval tiap lapisan. Selanjutnya dilakukan perhitungan kedalaman tiap lapisan pada masing-masing sumur dan harga-harganya diplotkan pada peta dasar untuk dibuat Peta Struktur Kedalaman tiap lapisan. Kemudian dilakukan analisa kecepatan pada daerah "X" tersebut.

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ABSTRACT

It had been about velocity anomaly for zona "X" make the Layer Cake Method. In this survey needs seismic section, well data, log data and synthetic seismogram. Means of this method is devide in sesimic section become 5 layers from datum to the top formation, it's needed and interpreted to yield Time Interval Map per layer.

Then, it's computing interval velocity per layers for each wells and that values ploting in base map to make Interval Velocity Map per layers. Thereafter, to comput the depth per layers for each wells and values ploting in base map to make Depth Structure Map per layer. And then, it's analys velocity in that zone.

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