

Title (en)

METHOD FOR HORIZON BINNING AND DERIVING SEISMIC ATTRIBUTE FILE FOR AN AREA OF INTEREST

Title (de)

VERFAHREN ZUM HORIZONT-BINNING UND ABLEITEN EINER DATEI SEISMISCHER ATTRIBUTE FÜR EIN GEBIET VON INTERESSE

Title (fr)

PPOCEDE PERMETTANT DE SELECTIONNER DES CASES D'HORIZON ET DE DEDUIRE DES ATTRIBUTS SISMQUES POUR UNE ZONE D'INTERET

Publication

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Application

EP 04705975 A 20040128

Priority

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Abstract (en)

[origin: WO2004070531A2] A method for horizon binning for an area of interest entails merging an attribute file with a second horizon file, identifying an area of interest of the merged file, identifying a time range for a time horizon file or a depth range for a depth horizon file, to perform the analysis, proposing a theory that the identified area has a portion contiguous between a hydrocarbon and water-bearing area, binning the identified area of interest using a file with time or depth values, computing a calculated value for each bin, creating a plot of the computed value versus the first value for each bin, viewing the plot to ascertain if a magnitude shift corresponds to a fluid contact, using discontinuity of the water and hydrocarbon reservoir models to confirm the theory, and using the discontinuity to determine a boundary between the water and hydrocarbon reservoir model and the corresponding water and hydrocarbon reservoirs for an identified area.

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G06F 1/00

IPC 8 full level

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