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(54) Title: METHOD FOR HYDROCARBON RESERVOIR MONITORING

(57) Abstract: Method for monitoring one or more properties of hydrogen reservoirs by means of injecting tracer fluid(s) into at least one borehole. The injection fluid either has a different resistivity to the formation and/or formation fluids or has the capacity to change the resistivity of the formation and/or formation fluids. Resistivity mapping is undertaken to monitor the altered resistivity zone caused by injected tracer fluid(s) and to therefore understand the properties of, fluid distribution and flow path within the reservoir.

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