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(54) Title: "ALTERNATIVE LIGAND FORMULATIONS FOR CELLULOSE PRODUCTS"

(57) Abstract: This disclosure provides compositions suitable as drilling fluids, completion fluids, work- over fluids, or stimulation/fracking fluids, which exhibit shale inhibiting, thermostabilizing, viscosifying, and fluid loss reducing effects when used for these purposes. In some embodiments, this disclosure provides compositions that include a cellulose product comprising the contact product of: at least one cellulosic ether; at least one salt of a polyvalent metal ion; and at least one ligand or a salt of the ligand. The resulting cellulose products are useful in drilling of oil, gas, and other wells.



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