Technical Progress Report

Quarterly Report

Alkaline-Surfactant-Polymer Flooding And Reservoir Characterization of the Bridgeport and Cypress Reservoirs Of the Lawrence Field

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Abstract

Feasibility of alkaline-surfactant-polymer flood for the Lawrence Field in Lawrence County, Illinois is being studied. Two injected formulations are being designed; one for the Bridgeport A and Bridgeport B reservoirs and one for Cypress and Paint Creek reservoirs. Fluid-fluid and coreflood evaluations have developed a chemical solution that produces incremental oil in the laboratory from the Cypress and Paint Creek reservoirs. A chemical formulation for the Bridgeport A and Bridgeport B reservoirs is being developed.

A reservoir characterization study is being done on the Bridgeport A, B, & D sandstones, and on the Cypress sandstone. The study covers the pilot flood area and the Lawrence Field.

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Executive Summary

No progress was made during this report period. Various options of how to continue the project are being reviewed internally.

Experimental

No progress was made during this report period. Various options of how to continue the project are being reviewed internally.

Results and Discussion

No progress was made during this report period. Various options of how to continue the project are being reviewed internally.

Conclusion

No progress was made during this report period. Various options of how to continue the project are being reviewed internally.

References

Not applicable for this report.