Supplementary Material

A Study on the Adjustment of Emulsification Degree to Interlayer Interference in Class III Reservoir

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Figure S1. Emulsion micrographs under different shearing strength (400X): (a) shaking; (b) 3000r/min; (c) 6000r/min; (d) 9000r/min; (e) 11000r/min; and (f) 13000r/min

Figure S2 Emulsion micrographs under different water content (400X): (a) 20%; (b) 30%; (c) 40%; (d) 50%; (e) 60%; and (f) 70%

Figure S3. Emulsion micrographs under different content of surfactant (100X): (a) 0.1%; (b) 0.2%; and (c) 0.3%

Figure S4. Emulsion micrographs under different content of alkali: (a) 0.2% (400X); (b) 0.6% (400X); and (c) 1.2% (100X)

Figure S5. Emulsion micrographs under different content of polymer (100X): (a) 600mg/L; (b) 1200mg/L; and (c) 1800mg/L





Figure S1.





Figure S2





Figure S3





Figure S4



Figure S5