

Collaboration Leads to Long Term Solution for Operator

Congeaed Oil and Emulsion Issues Resolved

BACKGROUND

The producer's operating expense increased due to the hot oil expenses. If the oil carrier delayed pickup of treated oil, the oil cooled in the tanks and became too thick to load onto tanker trucks. Several adjoining producers in the close proximity were also experiencing the same issues.

ISSUES

Prroduced oil upon reaching the surface, began to cool down, set up and congealed. The produced water stayed suspended in the oil and was carried over to the stock tanks. Oil was constantly rejected due to high BSW levels and oil tanks had to be Hot-oiled in order to sell the oil.

ANALYSIS

The production foreman placed a call to Multi-Chem for assistance. Initial tank grid-outs indicated high water cuts. Samples were collected for bottle testing and laboratory oil composition analysis. Analysis reports indicated a high pour points. Discussions began to discuss the need to add heater treaters to the system to assist in retention time under heat. Experienced Multi-Chem technicians were called in to assist in resolving the situation.

RESOLUTION

Multi-Chem personnel began an open discussion of the need to add to the production equipment and pointed out to the producer that a large part of the equation at times is mechanical. It was apparrent from witnessing the cooling of the sample bottles and the congealing oil. An additional heater treater was required to gain added retention time in heat to break the water. Also tank heaters were needed to keep the oil hot until picked for delivery. This added equipment along with MC EB-1510 emulsion breaker permitted the oil to be sold.

DELIVERED VALUE

With open discussion between MultiChem and the operator, a trust was established between the two entities that allowed an open door to begin servicing the entire field. Additional wells that were drilled, completed and brought on line permitted Multi-Chem to recommend proper treatment programs. This was a result of collaboration between the operator and Multi-Chem, with value added solutions, both mechanical as well as chemical.

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