

RockOn™ MX 664-5 Increases Revenue by \$495,160

Oil and Gas production more than Doubles in First 45 days

BACKGROUND

A variety of chemical additives are used in frac jobs to maximize recovery of oil and gas. Multi-Chem's Stimulation Research Group develops these additives based on field experience and fundamental understanding of how they work independently and in conjunction with other additives. The wetting agent is critical to help the hydraulic fluid penetrate the formation, contact pore spaces containing oil and gas and create an environment that readily releases the hydrocarbons into production.

ISSUES

An oil and gas producer desired a better wetting agent to improve Initial Production (IP) of oil from their fracturing program in Montague Co, TX, in the North Barnett Shale. Their experience had showed that the choice of wetting surfactant could make a big difference in frac performance.

ANALYSIS

Multi-Chem's research team worked closely with the operator, testing over 200 specially selected surfactants on core samples using advanced laboratory tests. These results were validated with actual performance in the field. The features and performance of these chemistries led to the creation of the patent pending RockOn technology.

RESOLUTION

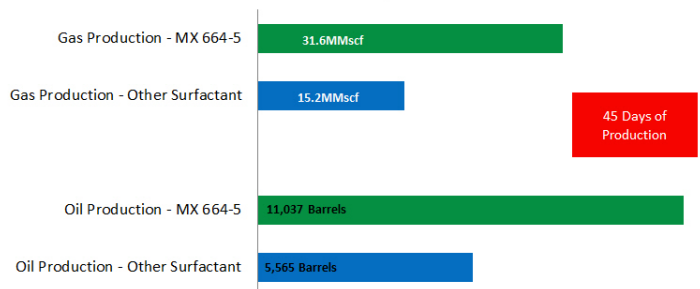
RockOn MX 664-5 was applied at a rate of 1 gallon per thousand barrels and production was compared to another well which used a different surfactant. The second well was located in same formation and in the immediate vicinity of the first well. Production was measured over the first 45 days to give a good comprehensive evaluation.

DELIVERED VALUE

The well using MX 664-5 produced 11,037 bbls of oil and 31.6 MMscf in 45 days compared with 5565 bbls of oil and 15.2 MMscf for the second well using the previous surfactant. Total revenue improvement was \$495,160.

Based on the performance in this well and several subsequent tests, this operator now uses MX 664-5 on all fracs in this formation for increased production.

RockOn™ MX 664-5 Improves Initial Production Generates \$495,160 in Additional Revenue



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