MARQUART FEDERAL #4

Sting out and rev. out 10sx cmt. TOC inside 7 5/8" csg 2265'. Perf 7 5/8" csg w/4" guns, 2 SPF, 180° phase, at 2014'-20, 2048'-54', 2080-86', 2090'-96. 48 holes total. Acidize perfs f/2014' to 2096' w/2400 gallons 15% NEFE w/additives. Swab. Frac Zone A (2014-2096) w/12,000 gal 40# HPG XL, 23000# 20/40 ottawa sand, SWIFN for gels to break. TIH, tagged sand at 2243'. Reverse out sand to 2265', TIH w/ 2 7/8" EUE, 8rd prod. tbg, end of tbg at 2089',SN at 2055', run pump and rods, load tbg and test to 500psi, ok. Clean off location and release rig, turn over to production department 8-4-88.

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