

# CONCENTRATED CHAINBREAKER MICROBE BLEND

## CASE HISTORY No. 2 VERTICAL WELL

**Well Location:** Bottineau County, ND

**Formation:** Madison Limestone

**Original Completion Date:** 1959

**Total Depth:** 3,345 feet

**Perforated Interval:** 3,322–3,336 feet

**Initial Production:** 47 BPD

**Average Production Since Completion:** 199 bbl/month (6.6 BPD)

### Treatment Design:

1. 1 Gallon of ChainBreaker mixed in 1 barrel of water.
2. Mixture is pumped down the backside.
3. Shut in for 8 hours and then put back online.
4. Treated two months in a row.

	<b>Before</b>	<b>After</b>
<b>Oil Production (bbl/month):</b>	101 (3.4 BPD)	316 (10.5 BPD)

**Note:** All production numbers are 5 month averages from 2022.

Based on the cost of the treatment, a very high rate of return was provided to the operator.

ChainBreaker is a proprietary, highly concentrated, non-pathogenic natural bacterium formulation designed to treat paraffin, wax build-up, scale and wellbore damage in a cost effective and environmentally friendly manner.