

MC MX 773-5 LDHI Controls Hydrates in Pipeline Methanol Usage Eliminated

BACKGROUND

45 mcf/day gas, 2.5m³ water/day, 12m³ oil/day into a 3" flow line 1.3km long.
7 separate hydrates in this line, would lose total production for up to 6 months at a time.
Line would hydrate anytime temperature dropped below 10 degrees C.

ISSUES

Numerous hydrates in pipeline slowing and halting production.

ANALYSIS

Incumbent competitor was treating with a 4% blended product at 110 litres/day, as well as batching 500 litres methanol every three days.
Despite this, hydrates were still forming.

RESOLUTION

Injected raw product (MX 773-5, 100% concentrate) at a rate of 14 litres/day. By treating with the raw product, all hydrates were eliminated as well as eliminating the need for methanol.

DELIVERED VALUE

No stoppages in production (from hydrates).
Eliminated methanol batching every 3 days.
Reduced trucking fees (for chemical delivery and methanol batching).

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Global Technology Center

World Houston International Business Center
15865 International Plaza Drive, Suite 200
Houston, Texas 77032 USA

(800) 805 9178
(325) 223 6200
(325) 942 7500 FAX

www.multichem.com

