FLO XLWR drag reducing agent lowered pipeline pressure, increased production

CHALLENGES

- Increasing pipeline pressures set a ceiling on oil production
- Production ceiling prior to applying FLO XLWR was a baseline of 262,000 BOPD
- Mechanical solutions to increase flow were cost-prohibitive, and adding bigger pipeline pumps could result in production loss due to potential shut-ins to perform the work

SOLUTION

- Lab testing Identified FLO[™] XLWR drag reducing agent as a viable pipeline drag reducer, for its:
- Proprietary, high molecular weight copolymer that dissolves quickly in hydrocarbons to give extremely high levels of drag reduction
- Ability to lower drag at the pipe wall to move more fluid through the line, without coating the pipeline walls
- FLO XLWR was injected at 40PPM for a limited field trial

RESULTS

13,597 BOPD Increase in pipeline flow rate

5.19%

Increase in production with pipeline pressure remaining below maximum allowable operating pressure (MAOP)

30%

Average reduction in pipeline pressure achieved while maintaining baseline production volume



FLO XLWR showed maximum drag reduction of 31% at an injection of 40 PPM.

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