FLEXCORD: A PROVEN, LOW-COST, CYCLIC SOLUTION!

A large, independent oil and natural gas exploration and production company in North Dakota transports crude oil through a gathering system in Tioga, North Dakota.

Location:
- Tioga, North Dakota

Project Scope:
- Used as a cost-effective solution to transport crude oil

Application:
- Oil gathering system

Products:
- 4” 600 ANSI Flexcord

Pump Type:
- Triplex pump

Length:
- 35,000 feet

Date:
- May 2011

The company is known for their drilling of multi-well pads, called ECO-pads. This design allows four wells to be drilled on two adjoining 1,280 acre space units from a single pad. This approach increases recoveries per well and reduces drilling costs, completion costs and environmental impact.

Crude oil from each of the four wells is collected in tanks on site. **Oil is pumped from the tanks through 4” 600 ANSI Flexcord (4” FC601) and into an 8” main transmission oil line**. Each of the 4” FC601 laterals will eventually tie in 10-15 producing wells.

SEVERE CYCLIC PERFORMANCE

- Flexcordwas determined by the client to be a better fit than lined steel pipe due to the severe pressure cycling of the application. Flexpipe's client utilizes FMC MO615 triplex pumps, operating at 1,000 psi max, cycling once per day for the first 6 months of the well's production and thereafter cycling at a rate of once every two days.

ECONOMICS

- The client required a solution that allowed for a more cost-effective method to transport crude oil. Installation costs were reduced using Flexcord. On a per foot basis, installation costs were more economical using Flexcord/SpiderPlow as compared to lined steel.

EFFICIENCY

- Flexcord can be plowed in at a faster speed than lined steel can be installed, allowing production to come on line sooner.

CUSTOMER SERVICE AND TECHNICAL SUPPORT

- The client appreciated the array of technical and operational support provided through the course of the bidding process. Flexpipe consistently differentiated itself frmo the competition.

Since the completion of this initial project, the client has planned to use Flexcord for 3 more large-scale projects in North Dakota in the summer of 2011.

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