

POST INSPECTION MEMORANDUM

Inspector: Al Jones / WUTC
Reviewed: Joe Subsits /WUTC
Peer Reviewed: _____
Follow-Up Enforcement: No Violation
PCP* PCO* NOA WL LOC
Director Approval: _____

Date: May 18, 2011

Operator Inspected: ConocoPhillips Pipe Line Company
OPID: 31684 **Region:** Western

Unit Address:
6317 East Sharp Ave
Spokane, WA 99211

Unit Inspected: Yellowstone Pipe Line Company – Spokane & Moses Lake Districts
Unit ID: 515
Unit Type: Interstate
Inspection Type: 107 - IMP Verification Inspection
Record Location: Spokane, WA
Inspection Dates: May 2-5, 2011
AFOD: 4
SMART Activity Number:

Operator Contact: Mike Donally
Phone: 406-855-6913 **Fax:** 406-543-5669 **Emergency:** 888-267-2290

Unit Description:

The Spokane District consists of the following line segments:

- Mainline from the Washington State line to the Spokane Valley, Parkwater Terminal; 15 miles, 10" pipe,
- Transfer line from the Parkwater Terminal to North Spokane Junction; 4.5 miles of 10" pipe,
- Transfer line from North Spokane Terminal to Hillyard Manifold; 1.82 miles of 8" pipe,
- Mainline from the Parkwater Terminal to Fairchild AFB; 24 miles of 8" pipe,
- Inactive transfer line from Geiger Spur Line from Geiger Junction to Geiger Delivery Station; 0.91 miles of inactive 6" pipe, and
- Mainline from Fairchild AFB to Moses Lake; 87 miles, 6" pipe.

The Moses Lake District consists of the following line segments:

- Mainline from Fairchild AFB to Moses Lake Terminal; 87 miles of 6" pipe, and
- Moses Lake Terminal to the Moses Lake Airport and Boeing Field; 1 mile of inactive 6" pipe.

Pump stations location and horse power (HP) capacity include:

- Parkwater Terminal three pump at total 300 HP,
- North Spokane Terminal one pump at 150 HP, and
- Fairchild AFB one pump at 150 HP (idled).

Breakout Tanks and locations include:

- Parkwater Terminal - 12 tanks,
- North Spokane Terminal - nine tanks,
- Fairchild AFB - two tanks (idled), and
- Geiger Delivery Station - two tanks (idled).

Facilities Inspected:

Reviewed Inline Inspection (ILI) reports for the Yellowstone Pipe Line located between Washington/Idaho state line to Moses Lake and reviewed ConocoPhillips's documentation for pipe anomaly evaluation and repairs.

Persons Interviewed:

Mike Donally, DOT Coordinator
Mike Kuntz, Area Supervisor
Mike Miller, Asset Integrity Manager
Emily Carter, Integrity Engineer

Probable Violations/Concerns:

None.

Follow up on the history of prior offenses that are still open:

Prior Offenses (for the past 5 years)		
CPF #	What type of open enforcement action(s)?	Status of the regulations(s) violated (Reoccurrence Offenses, Implement a NOA Revision, Completion of PCO or CO, and etc...)

Recommendations:

Staff recommends preventive and mitigative measures be used to evaluate the HCA segments of the Yellowstone Pipe Line for the next scheduled ILI inspection that will identifying axially oriented anomalies such as gouges.

On July 13, 2010, a high resolution MFL and caliber tools were used to evaluate the 6-inch diameter line from Fairchild AFB to Moses Lake (non HCA line). The caliber tool identified multiple "plain" dents located upstream from the Odessa block valve (See attached photo). The anomalies were identified as sixty-day condition for evaluation. The anomalies were evaluated

on August 28, 2010 and discovered that a gouge existed parallel to the dents. The gouge was axial orientated to the pipeline and not identified by the MFL tool. The anomalies were reclassified as immediate repair. The line pressure was lower, by-pass line installed, and about 98 linear feet of pipeline containing the anomalies were removed. Because the MFL tool was designed specifically to identify circumferential anomalies, it is recommended that a Transverse Flux Instrument (TFI) or UT tool be used to identify axially oriented anomalies that might exist on the pipeline at other locations. The majority of Yellowstone Pipe Line is located in agricultural areas subject to damage from farm activities.

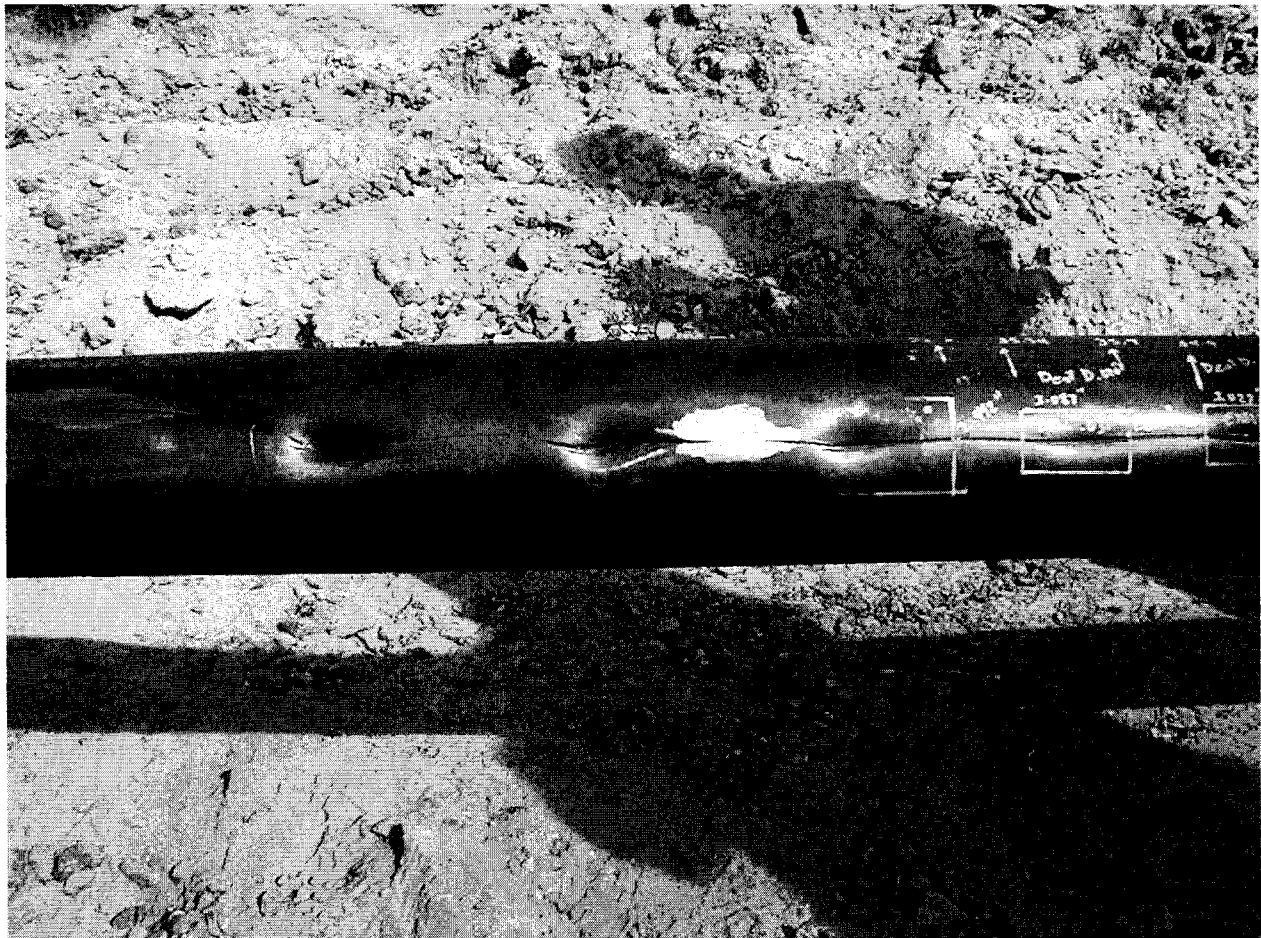
Comments:

Maintain regular inspection schedule.

Attachments:

- PHMSA Form 19 – Liquid IMP Field Verification
- UTC IMP Verification Form

Version Date: 5/5/08



ConocoPhillips Pipe Line Company - Yellowstone Pipe Line

Location of Photo: Up stream of Odessa, Washington block valve in a previously cultivated field. Photo of pipe after cut-out.

MFL & Caliber run: 7/13/2010. Dents (4.8%) were discovered with caliber tool at 8:38 PM clock position.

Gouge Discovered: 8/28/2010 when dents were evaluated.

Pipe: API X52, 0.156" wt

Remediation: Pipe segment (98 linear feet) was removed.