



Thermal/Video Leak Detection



Typical Thermal/Video Leak Detection and Aerial Visual Inspection report:

ABC Company Limited
Box 60
Smithtown, AB
T0X 0X0

RE: Pipeline Leak Detection Surveys

Please find the attached report with respect to the aerial inspection survey conducted on December 18, 2002 within the Smith Creek area.
The survey consisted of inspection in the following areas:

1. Thermal inspection
 - a) Leak detection
2. Video inspection
 - a) Location free of fluids
 - b) Erosion control
 - c) Pipeline warning signs
 - d) Vegetation cover
 - e) Third party activity on the right of way
 - f) Overhead hydro lines

Any concerns with respect to the above areas are identified within the report. If you have any questions or concerns regarding any of the enclosed information, please contact the undersigned.

Encl. ABC COMPANY LIMITED PIPELINE LEAK DETECTION REPORT FOR THE SMITH CREEK AREA CONDUCTED ON DECEMBER 18, 2002

This section identifies the equipment implemented and the conditions relevant to the surveillance:

AREA:	Smith Creek
DATE:	December 18, 2002
TIME:	09:30
COMPANY PERSONNEL:	Ron Smith / John Smith
AIRBORNE CREW:	Murray Schroderus / Candace Clark
WEATHER:	Sky Condition: clear Temperature: -7°C Winds: calm
AIRCRAFT:	Bell Jet Ranger 206
ALTITUDE:	50 meters above ground level
SPEED:	100 km/hr

LEAK DETECTION EQUIPMENT: Airborne Energy Solutions enhanced thermal imagery

This section of the report identifies the findings of the inspection survey. The counter numbers are referenced to the VHS tape and the physical observations of the pipeline surveillance.

COUNTER DVD:

SMITH LINE

- 5350 Riser replacement project from (13-32-XXX-03WMX) to (07-05--XX-03 WXM) [\(see picture of 13-32-XXX-03WMX\)](#)
- 5435 Riser
- 5500 Road crossing
- 2750 Valve station #10
- 2820 Smith Creek mile marker #4
- 2855 Erosion on creek crossing (03-03-XX-04 WMX) [\(see picture\)](#)
- 3025 Smith Creek mile marker #5
- 3105 Creek crossing
- 3220 3rd party activity, bulldozer on right of way (06-27-XX-04 WXM) [\(see picture\)](#)

