


Fahn, Patrick J.

From: Eric Weise <EWeise@rgldenergy.com>
Sent: Thursday, December 01, 2011 5:16 PM
To: -Info-Public Service Commission
Cc: Fahn, Patrick J.; Rafael Colaco; Bucky Crisp; Shelly Alexander; Steve Broker; Chris Hamm
Subject: NDPSC PU-10-637 - Damage Avoidance Measures
Attachments: 3rd Party Damage Notification Avoidance Measures.pdf

Per the NDPSC's request, please see attached for Rangeland's 3rd party utility damage avoidance measures in the area Hess indicates the presence of unmarked pipelines. Let me know if questions or concerns. Thanks.

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Email re 3rd party damage notification avoidance measures

	3rd Party Damage Notification Rangeland Avoidance Measures NDPSC Docket#: PU-10-637						
	Rangeland Pipeline, LLC PU-10-637	Rev	Date	Issued For	By	Chk'd	App'd
COLT Connector Pipeline Williams County							Eric Weise 12/1/11
							Page: 1 of 1
Date:	December 1, 2011						
Incident Date:	November 24, 2011						

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COLT Connector Pipeline Construction

Situation:

- A high density of 3rd party utility crossings is located on the east end of the COLT Connector Pipeline. Hess indicated the location of all lines in the area is unknown.
- On 11/24/11, a backhoe struck an unmarked Hess 3" pipeline resulting in a kinking or "pinching off" of the line.

Avoidance Measures:

- Early in project construction, Rangeland identified the high density of utility crossings east of 109th Ave. NW. Striving to achieve a project with zero incidents, we undertook the following measures:
 - Construction started on the pipeline segment between COLT facility and 109th Ave. NW specifically to allow preparation for construction in congested corridor.
 - All Rangeland employees, inspectors and contractors, have been informed and are aware that in certain areas to expect possible unmarked utilities in addition to those identified.
 - North Dakota One Call notifications submitted and updated regularly. Discussions with 3rd party operators conducted identifying areas of concern.
 - All known and impacted utility crossings in the area have been hydro-excavated, a safer but more costly approach to trenching.
 - Open communication with Hess on where we are digging and what potentially to expect.
 - Hess representatives have been onsite during excavations in certain areas to help limit damage.
 - Pace of excavation has slowed as equipment operators take additional caution knowing there could be an unmarked utility.
 - Horizontal directional drills, HDDs, are occurring in some areas of heavy 3rd party utility crossings to place the line below known, and potentially unknown, crossings without having to trench.