

KP Kauffman - COGCC Inspection Photos
Location: Facility #4 North Consolidation Flowline Release
Spill ID # 463820



Hydro-excavation work being completed by KPK contractors on 6/20/2019. View looking east on Tipple Parkway.



Excavation (fenced) with trench box installed on 6/24/2019. View looking west on Tipple Pkwy.

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View of flowlines exposed in excavation; bolted clamp can be seen on 3" consolidation flowline. Photo date 6/24/19.



**View of flowlines exposed (at spill Id #463820) in excavation. Flowlines tie in to crude oil and gas consolidation lines.
Note: Marked utilities (non KPK/ via 811 call) are also present in the excavation.**

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Photo of excavation and pipe removed during repair work by KPK personnel. View looking west/ photo date 7/1/19.



View of excavation and flowline repair/ replacement work in progress. Note: free product (crude oil) is present at trench bottom (on water). Photo taken 7/1/2019

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View of second excavation approximately 1250' west of spill ID #463820. An attempt to install a 2" HDPE pipe via slip line was unsuccessful. View east/ photo date 7/1/19



**Second excavation backfilled as observed on 7/8/19.
View looking east along Tipple Parkway.**

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Excavation fenced and covered on 7/8/2019. View to west.



Excavation fenced and covered on 7/8/2019. View to east.