

From: [Billings, Bradford, EMNRD](#)
To: [Bratcher, Mike, EMNRD](#)
Cc: [Patterson, Heather, EMNRD](#)
Subject: FW: BKE Vertical Extent
Date: Friday, July 31, 2015 9:11:52 AM
Attachments: [Key_Energy_Bke_Summary-3.pdf](#)

Thought y'all might like to see these data. Looks like only one hole. Says other data is coming, but... I have some issues with the numbers, but... anyway, here ya go for the first look see.
Brad

From: wayne price [mailto:wayneprice77@earthlink.net]
Sent: Thursday, July 30, 2015 3:39 PM
To: Bobby Sisson; Desiree Crenshaw
Cc: waprice23@hotmail.com; Billings, Bradford, EMNRD; Griswold, Jim, EMNRD
Subject: BKE Vertical Extent

Attached is the vertical extent, taken starting from the floor of the 4-5 ft excavated spill footprint area, so each vertical extent includes an additional 4-5 ft in depth below normal yard grade level. Some hydrocarbons were present, but for the most part the volatile hydrocarbons (BTEX) were very low. We have an elevated vertical extent in chlorides which we couldn't determine with the on-site equipment. My recommendation is to fill in the excavated area with the red bed liner, compact, cover with clean caliche and then regroup with OCD later on. I discussed this with Jim Griswold yesterday in Santa Fe, he doesn't have a problem with this approach as long as we have the understanding more delineation and clean-up may be in order.

This approach is what we were planning all along, as our goal on this phase of the project was simply to remove a major mass of the contamination, in which we have certainly completed with close to 800-1000 yards hauled off. I will get a few more samples probably Monday and want to see it before we began backfilling.

Wayne Price-Price LLC