**From:** Brandwein, Sid, NMENV
**To:** Ellinger, Scott
**Subject:** RE: coordinates etc. per phone call last week
**Date:** Monday, May 06, 2013 2:28:29 PM

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Scott,
This file seems to have only wells at KAFB. You mentioned you were using wells north of the base (city monitoring wells?), especially to outline the groundwater depression governing the flow direction.

Sid

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**From:** Ellinger, Scott [mailto:Ellinger.Scott@epa.gov]
**Sent:** Monday, May 06, 2013 8:10 AM
**To:** Brandwein, Sid, NMENV
**Subject:** FW: coordinates etc. per phone call last week

Hi Sid,

You asked for the head calibration data I'm using in the model. If you can use this file for time being, I'll eventually get you the current one. This is the same file I sent you earlier in the year in case you can't find it.

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**From:** Scott Ellinger [mailto:Ellinger.Scott@epamail.epa.gov]
**Sent:** Monday, May 06, 2013 9:01 AM
**To:** Ellinger, Scott
**Subject:** Fw: coordinates etc. per phone call last week

----- Forwarded by Scott Ellinger/R6/USEPA/US on 05/06/2013 09:00 AM -----

From: Scott Ellinger/R6/USEPA/US
To: "Brandwein, Sid, NMENV" <Sid.Brandwein@state.nm.us>
Date: 01/08/2013 10:38 AM
Subject: coordinates etc. per phone call last week

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Here are coordinates with consistent X and Y columns. The longitude-latitude coordinates provided for wells in KAFB Quarterly reports and other reports aren't directly useable in the model. I had to convert longitude-latitude into UTM (NAD 83, 13-108W to 120W). I've been using Kriging to contour the hydraulic conductivity because it appears to more closely resemble published data than other methods (such and natural neighbors).

*(See attached file: Head observation wells Dec 2012UTM, NAD 83, 13-108W to 120W, US feet.txt)*

*(See attached file: hydraulic conductivity all wells UTM, NAD 83, 13-108W to 120W, US feet.txt)*

EPA's asking Kirtland for some additional data about their production wells. I'll activate well 15 as soon I know where to place the screen.