

Stanton, Jim

From: Stanton, Jim
Sent: Friday, April 21, 2000 4:26 PM
To: King, Scott
Cc: Stanton, Jim
Subject: GPS Error

Yesterday I was on the Bashaw Ranch near Silver Creek, where I GPS'd 5 wells. The locations of 4 of the wells were right on, but one GPS point is 513' north of where the well actually is; it is also 50 or 100' up a steep hill. I was never anywhere near this point, so I have no idea how the machine came up with the location. I took 120 readings at each site, which is now is less than optimal, but the data seemed to download & correct ok. I am ignoring the GPS data on this site, but thought you might be interested in this situation. I would expect small errors due to the quality of our system, but this much error is really weird - maybe you can enlighten me. I plan to wait to hear from you before putting my data into the master GPS file. Rover File R042017D has the bad data; it is on my D drive under Data - Gps.

Stanton, Jim

From: King, Scott
Sent: Friday, April 21, 2000 4:54 PM
To: Stanton, Jim
Subject: RE: GPS Error

Jim,
I made a copy of all of the points in that folder. Will try to look at them next week.

Is it possible that you had multipathing? Were you next to a tall building or cliff structure that could have reflected signal?

I'll export all the points in that file, and we can see where they all landed. Good job!

Scott

-----Original Message-----

From: Stanton, Jim
Sent: Friday, April 21, 2000 4:26 PM
To: King, Scott
Cc: Stanton, Jim
Subject: GPS Error

Yesterday I was on the Bashaw Ranch near Silver Creek, where I GPS'd 5 wells. The locations of 4 of the wells were right on, but one GPS point is 513' north of where the well actually is; it is also 50 or 100' up a steep hill. I was never anywhere near this point, so I have no idea how the machine came up with the location. I took 120 readings at each site, which is now is less than optimal, but the data seemed to download & correct ok. I am ignoring the GPS data on this site, but thought you might be interested in this situation. I would expect small errors due to the quality of our system, but this much error is really weird - maybe you can enlighten me. I plan to wait to hear from you before putting my data into the master GPS file. Rover File R042017D has the bad data; it is on my D drive under Data - Gps.