

## TRANQUILITY CANAL FIELD NOTES

### Map:

<http://mapper.acme.com/?ll=32.77071,-109.72462&z=15&t=5>  
&marker=32.75997%2C-109.73274%2C1.7%20km%20W%20of%20Cactus%20Flat%20AZ  
&marker1=32.76254%2C-109.73209%2C1.7%20km%20WxNW%20of%20Cactus%20Flat%20AZ  
&marker2=32.76446%2C-109.72968%2C1.5%20km%20WxNW%20of%20Cactus%20Flat%20AZ  
&marker3=32.76490%2C-109.72954%2C1.5%20km%20WxNW%20of%20Cactus%20Flat%20AZ  
&marker4=32.76781%2C-109.72878%2C1.7%20km%20NW%20of%20Cactus%20Flat%20AZ  
&marker5=32.77051%2C-109.72826%2C1.8%20km%20NW%20of%20Cactus%20Flat%20AZ  
&marker6=32.77410%2C-109.72797%2C2.1%20km%20NW%20of%20Cactus%20Flat%20AZ

**USGS Topo Name:** Safford, AZ 7.5'  
**Canal Length:** 1.6 kilometers or 1 miles.  
**Canal Slope:** 1.2 degrees  
**Nominal Size:** 1 meter wide by 20 Cm deep  
**Land Ownership:** Mixed private and state lands; Some access restrictions  
**Access:** Much of route easily vehicle accessible  
**Field Verified:** 100 percent  
**Hanging Features:** Modest hanging in mid section to preserve slope  
**Study Confidence:** High, but prehistoric origins yet to be verified.

### Locations of interest:

**N 32 45.599' W 109 43.964'** Presumed artesian source  
**N 32 45.599' W 109 43.964'** Closest approach to Twin East canal  
**N 32 45.599' W 109 43.964'** Hanging portion in subdivision with lining  
**N 32 45.881' W 109 43.769'** Annes Ranch road crossing obliterates route  
**N 32 45.894' W 109 43.772'** Possible evidence of parallel development  
**N 32 46.068' W 109 43.726'** Obvious continuance on Acme Mapper  
**N 32 45.599' W 109 43.964'** Classic hanging canal on Schmoller property  
**N 32 46.445' W 109 43.678'** Presumed Cook Reservoir field.

**Significant features:** Shorter canal appears to be artesian driven  
Comes remarkably close to Twin East canal only lower  
Urban subdivision located, access restrictions  
Possible parallel historic and prehistoric sections  
Additional proof of prehistoric origins required

**Images:** < <http://www.tinaja.com/images/tranq1.jpg> > % Annes road south  
< <http://www.tinaja.com/images/tranq2.jpg> > % Lining & flowers

### Present work that needs done on the Tranquility canal:

- survey and verify artesian sources.
- attempt to prove prehistoric origins.
- seek out historic documentation
- establish Cooks Reservoir end use fields
- videotape and survey entire route