TWIN EAST CANAL FIELD NOTES

Map:

USGS Topo Name: Safford, AZ 7.5'
Canal Length: At least 2.4 kilometers or 1.5 miles
Nominal Size: 1 meter wide 30 cm deep Ponding area is single walled.
Land Ownership: Arizona State Lands; Cemetery; other private.
Field Verified: 40 percent
Study Confidence: Very high; sourcing and slope studies need further work.

Locations of interest:

- N 32 45.633’ W 109 44.091’ Southeasternmost extent of present canal research
- N 32 45.685’ W 109 44.008’ Canal vanishes under cemetery maint structures
- N 32 45.760’ W 109 43.955’ Briefly obvious resumption north of cemetery
- N 32 45.794’ W 109 44.022’ “U turn” or “sweeping S” crossing of 4WD track
- N 32 45.776’ W 109 44.051’ Second sharp “U” turn in wash
- N 32 45.862’ W 109 44.041’ Eastern limit of ponding area
- N 32 45.942’ W 109 44.060’ Ponding area trashed by modern water project
- N 32 46.031’ W 109 44.312’ Western limit of ponding area
- N 32 45.913’ W 109 44.339’ Southwesternmost extent of present Twin research
- N 32 45.854’ W 109 43.898’ Curious rock alignments largely unevaluated

Significant Features:
- Ponding area has TWO distinct major feeder canals.
- Ponding area has significant cultural features nearby.
- Ponding area is single walled with parallel routes.
- Tranquility canal approaches amazingly close.
- Hanging and sweeping “S” and “U” turns maintain grade.
- Simultaneous presence of canals, grids, and mulch rings.
- Mystery northeast rock alignments needing evaluated.
- One of the few reasonably established end use areas.

Images:
- <http://www.tinaja.com/canal/rework/level2/rinc2.jpg> % ponding area
- <http://mapper.acme.com/?ll=32.7642,...> % acme ponding

Present work that needs done on the Twin East Canal...

- Carefully map cultural features in ponding area.
- Resolve multiple routes in ponding area.
- Verify negative slopes of both feeder canals in additional places.
- Extend east feeder southward and seek Marijilda link.
- Further explore canal reach north of cemetery.
- Resolve mystery alignments northeast of cemetery reach.

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