

HENRY'S CANAL FIELD NOTES

Map:

<http://mapper.acme.com/?ll=32.74193,-109.73052&sz=16&t=5&marker0=32.73710%2C-109.74225%2C2.8%20km%20WxNW%20of%20Swift%20Trail%20Junction%20AZ&marker1=32.73878%2C-109.73829%2C2.5%20km%20WxNW%20of%20Swift%20Trail%20Junction%20AZ&marker2=32.73976%2C-109.73561%2C2.4%20km%20WxNW%20of%20Swift%20Trail%20Junction%20AZ&marker3=32.74271%2C-109.72837%2C2.0%20km%20NW%20of%20Swift%20Trail%20Junction%20AZ&marker4=32.74481%2C-109.72862%2C2.0%20km%20SW%20of%20Cactus%20Flat%20AZ&marker5=32.74623%2C-109.72873%2C1.9%20km%20SW%20of%20Cactus%20Flat%20AZ>

USGS Topo Name:	Artesia, AZ 7.5'
Canal Length:	Presently studied portion is 1.6 kilometers or 1 miles.
Canal Slope:	2.6 percent.
Nominal Size:	2 meters wide by 15 CM deep in places
Land Ownership:	Mostly Arizona State Lands, possibly some private
Access:	Foot only, moderately difficult.
Field Verified:	Assumed 50 percent
Hanging Features	Minor hanging portion where canal leaves wash.
Study Confidence:	Very high.

Locations of interest:

N 32 44.224' W 109 44.575'	Hints of possible feeder still largely unexplored
N 32 44.226' W 109 44.535'	Hanging portion where canal initially leaves wash
N 32 44.327' W 109 44.297'	Typical moderately wide reach easily followed
N 32 44.386' W 109 44.137'	Canal crosses 4WD power line track
N 32 44.563' W 109 43.702'	Canal swings somewhat more northerly
N 32 44.689' W 109 43.717'	Canal disappears under modern tank
N 32 44.774' W 109 43.724'	Present location of modern Roper Canal

Significant Features:	Southernmost of the Marijilda Creek canals Somewhat wider and shallower than most Source and takein linking has yet to be determined. Possibly an alternate routing to Roper Canal Might include westernmost "U" turn at wash crossing
------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Images: <http://www.tinaja.com/images/henry1.jpg>

Present work that needs done on the Henry's Canal...

- Find the missing initial canal portion
- Determine links to other Marijilda canals
- Restudy and videotape entire canal
- Resolve if original Roper canal or second feeder.
- Determine if modern end tank was an end use field.
- Seek out additional proof of prehistoric Roper Canal origin
- Separately catalog "U" turn canal-at-wash features.