

MUD SPRINGS CANAL FIELD NOTES

Map:

<http://mapper.acme.com/?ll=32.82609,-109.80483&z=14&t=S&marker0=32.79153%2C-109.85380%2C10.1%20km%20N%20of%20Mount%20Graham%20AZ%0A&marker1=32.80694%2C-109.83790%2C8.8%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker2=32.81519%2C-109.83212%2C7.8%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker3=32.82268%2C-109.82539%2C6.9%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker4=32.82537%2C-109.82279%2C6.6%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker5=32.83079%2C-109.81541%2C5.7%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker6=32.84260%2C-109.81052%2C4.9%20km%20W%20of%20Thatcher%20AZ%0A&marker7=32.80319%2C-109.83934%2C9.1%20km%20SW%20of%20Thatcher%20AZ%0A&marker8=32.81830%2C-109.83145%2C7.6%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker9=32.82763%2C-109.81949%2C6.2%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker10=32.78745%2C-109.85453%2C9.7%20km%20N%20of%20Mount%20Graham%20AZ%0A&marker11=32.82358%2C-109.82432%2C6.8%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker12=32.81322%2C-109.83282%2C8.0%20km%20WxSW%20of%20Thatcher%20AZ%0A&marker13=32.83827%2C-109.80995%2C5.0%20km%20WxSW%20of%20Thatcher%20AZ%0A>

USGS Topo Name:	Thatcher, AZ 7.5'
Canal Length:	6.0 miles or 9.6 kilometers
Canal Slope:	2.3 percent.
Nominal Size:	Typically 1 meter wide by 30 cm deep
Land Ownership:	Starts in Coronado Forest; mostly Arizona state lands
Access:	Varies, portions are foot only and fairly difficult.
Field Verified:	Assumed 70 percent
Hanging Features	Several very significant areas.
Study Confidence:	Very high.

Locations of interest:

N 32 47.247' W 109 51.272'	Projected Ash Creek Takin
N 32 47.492' W 109 51.228'	Crossover to Mud Springs Bajada
N 32 48.191' W 109 50.360'	Verified location - one meter width
N 32 48.417' W 109 50.274'	Possible Diversion Channel at Road Crossing
N 32 48.793' W 109 49.969'	Verified location - one meter width
N 32 48.793' W 109 49.969'	Significant hanging portion on east bank of wash
N 32 49.098' W 109 49.887'	Ten inch Mesquite tree mid channel
N 32 49.361' W 109 49.523'	Major CCC or SCS Modifications
N 32 49.415' W 109 49.459'	Flood control dam overlays without accommodation
N 32 49.415' W 109 49.459'	Location of photograph "A"
N 32 49.522' W 109 49.368'	Associated mystery structure
N 32 49.522' W 109 49.368'	Jernigan Canal possible headgate and diversion
N 32 49.661' W 109 49.133'	Possible anglo cattle tank adaptation
N 32 49.826' W 109 48.955'	Untraced segment to date north of here
N 32 50.296' W 109 48.597'	Untraced segment to date south of here
N 32 50.556' W 109 48.631'	Well defined and wide moderately hanging portion
N 32 50.556' W 109 48.631'	Location of photograph "B" in well defined run
N 32 50.556' W 109 48.631'	Present north limit of reliable traceability
N 32 51.120' W 109 48.403'	Projected possible continuance
N 32 51.612' W 109 47.841'	Nearest modern lowland canal

more...

MUD SPRINGS CANAL FIELD NOTES, CONTINUED...

Images:

<http://www.tinaja.com/images/mud1.jpg>

<http://www.tinaja.com/images/mud2.jpg>

<http://www.tinaja.com/images/troll1.jpg>

mid point below dam

near northern limit

troll house structure

Present work that needs done on the Mud Springs Canal...

- Locate the Ash Creek takein and initial hanging portion.
- Locate the northern continuance past the bajada crossover.
- Fill in several short missing segments in the wash area.
- Date the ten inch Mesquite tree midstream
- Further study the troll house and modern tank.
- Resolve if a headgate is present at Jernigan turnout.
- Continue trying to locate the missing "black hole" portion.
- Find the northern limit and purpose of the canal.
- Videotape, photograph, and GPS log entire canal.