Use Attainability Analysis

for

WBID 3613 Trib. to South Prong #3 (Wyrick Branch

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Date Received: July 18, 2005

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Tributary South Prong #3 (Wyrick Branch)
8-digit HUC: 11010008
Missouri WBID #: 3613
County: Texas
Upstream Legal Description: SW1/4 NW1/4 Sec.10 T.28N., R.9W.
Downstream Legal Description: SE1/4 SW1/4 Sec.11 T.28N., R.9W.
Upstream Coordinates: N. 37.11596 W. 91.91401
Downstream Coordinates: N. 37.11232 W. 91.90030
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis M. Meinert (314) 416-2960
Organization: Department of Natural Resources, SWCP
Position: Soil Scientist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dennis M. Meinert Date: 06/28/05

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB3613-01	Site Location Description: NW1/4 NW1/4 SEC.22 T.45N. R.3W.	
Site GPS Coordinates: N. 37.11596 W. 91.91401		
Date & Time: 6/28/05 8:45 am	Facility Name: NA	
Personnel: Dave Dowdy, Dennis Meinert	Permit Number: NA	
Current Weather Conditions: Hazy, sunny	Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU3613-01	Downstream: WBD3613-01	Other:

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ None of the above	___ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

___ City/county parks	___ Playgrounds	___ MDC conservation lands	___ Urban areas	___ Campgrounds
___ Boating accesses	___ State parks	___ National forests	___ Nature trails	___ Stairs/walkway
___ No trespass sign	___ Fence	_X_ Steep slopes	___ Other: private property	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	___ Livestock Watering	___ RV / ATV Tracks
___ Rope swing	___ Camping Sites	___ Fire pit/ring	___ NPDES Discharge	___ Fishing Tackle
_X_ Other: None				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: **WB3613-01**

Stream Morphology:
Upstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 8'	Length (ft): 44'	Avg. Depth (ft): 18"	Max. Depth (ft): 2'
Flow	Present? Yes	No	Estimated (ft3/sec):	

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 2'	Length (ft): 12'	Avg. Depth (ft): 2"	Max. Depth (ft): 3"
Flow	Present? Yes	No	Estimated (ft3/sec):	

Substrate*: (These values should add up to 100%.)

30% Cobble	70% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Aquatic vegetation growing on gravel bars.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: few pools, minnows

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Signed: Dennis M. Meinert Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 3613 – Downstream #1

WBID 3613 – Upstream #1

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB3613-02	Site Location Description: NW1/4 SW1/4 SEC.11 T.28N. R.9W.	
Site GPS Coordinates: N. 37.11309 W. 91.90456		
Date & Time: 6/28/05 8:45 am	Facility Name: NA	
Personnel: Keith Knelle, Mike Wyatt	Permit Number: NA	
Current Weather Conditions: Hazy	Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU3613-02	Downstream: WBD3613-02	Other:

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ None of the above	___ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

___ City/county parks	___ Playgrounds	___ MDC conservation lands	___ Urban areas	___ Campgrounds
___ Boating accesses	___ State parks	___ National forests	___ Nature trails	___ Stairs/walkway
___ No trespass sign	___ Fence	_X_ Steep slopes	___ Other:	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	___ Livestock Watering	___ RV / ATV Tracks
___ Rope swing	___ Camping Sites	___ Fire pit/ring	___ NPDES Discharge	___ Fishing Tackle
_X_ Other: None				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: **WB3613-02**

Stream Morphology:
Upstream View Physical Dimensions:

Riffle	Width (ft): 9'	Length (ft): 96'	Avg. Depth (ft): 2"	Max. Depth (ft): 5"
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present? Yes	No	Estimated (ft3/sec):	

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 19'	Length (ft): 128'	Avg. Depth (ft): 5"	Max. Depth (ft): 9"
Flow	Present? Yes	No	Estimated (ft3/sec):	

Substrate*: (These values should add up to 100%.)

5% Cobble	45% Gravel	20% Sand	% Silt	% Mud/Clay	30% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

20% Algae

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Minnows and snails observed.

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Signed: [illegible] Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 3613 – Downstream #2

WBID 3613 – Upstream #2

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB3613-03	Site Location Description: SE1/4 SW1/4 SEC.11 T.28N. R.9W.	
Site GPS Coordinates: N. 37.11232 W. 91.90030		
Date & Time: 6/28/05 8:40 am	Facility Name: NA	
Personnel: Leon Thompson, John Horton	Permit Number: NA	
Current Weather Conditions: Sunny, hazy	Weather Conditions for Past 7 days: Scattered showers	
Photo Ids: Upstream: WBU3613-03	Downstream: WBD3613-03	Other:

Uses Observed*:

___ Swimming	___ Skin Diving	___ Scuba diving	___ Tubing	___ Water skiing
___ Wind surfing	___ Kayaking	___ Boating	___ Wading	___ Rafting
___ Hunting	___ Trapping	___ Fishing	_X_ None of the above	___ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

___ City/county parks	___ Playgrounds	___ MDC conservation lands	___ Urban areas	___ Campgrounds
___ Boating accesses	___ State parks	___ National forests	___ Nature trails	___ Stairs/walkway
___ No trespass sign	___ Fence	___ Steep slopes	_X_ Other: private property	

Evidence of Human Use*:

___ Roads	___ Foot paths/prints	___ Dock/platform	___ Livestock Watering	___ RV / ATV Tracks
___ Rope swing	___ Camping Sites	___ Fire pit/ring	___ NPDES Discharge	___ Fishing Tackle
_X_ Other: None				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: **WB3613-03**

Stream Morphology:
Upstream View Physical Dimensions:

Riffle	Width (ft): 18'	Length (ft): 92'	Avg. Depth (ft): 1"	Max. Depth (ft): 3"
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present? Yes	No	Estimated (ft3/sec):	

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 15'	Length (ft): 112'	Avg. Depth (ft): 4"	Max. Depth (ft): 8"
Flow	Present? Yes	No	Estimated (ft3/sec):	

Substrate*: (These values should add up to 100%.)

15% Cobble	85% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

5% algal growth on rocks

5% watercress

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Minnows observed.

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Signed: [signature] Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 3613 – Downstream #3

WBID 3613 – Upstream #3

STREAM NAME

Tributary South Prong #3 (Wyrick Branch)

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	3613	X		No use	Small pool
2	3613		X	No use	Small pool
3	3613	X		No use	Riffle
4	3613		X	No use	Pool
5	3613	X		No use	Riffle
6	3613		X	No use	Pool
7					
8					
9					
10					
11					
12					
13					
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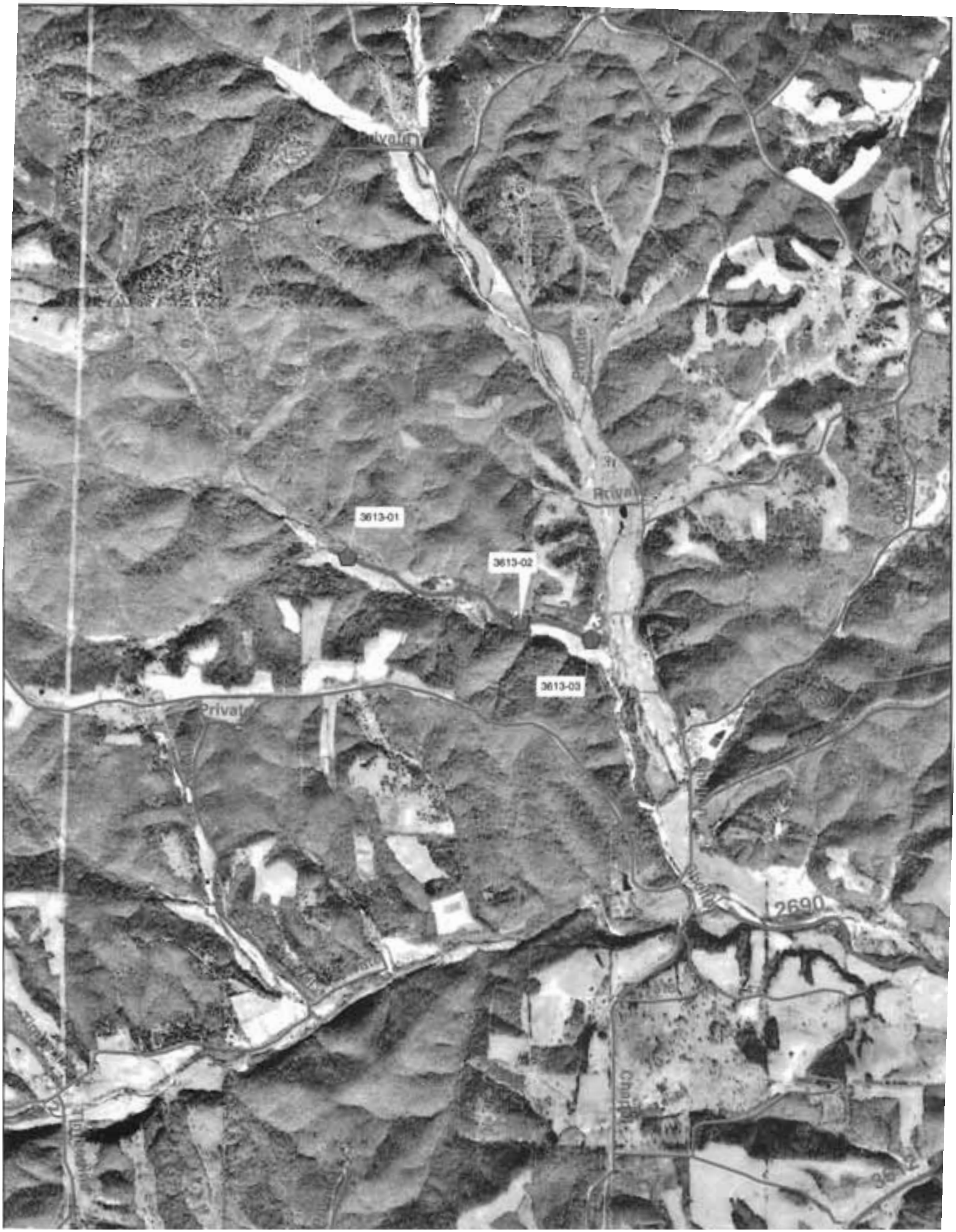
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3613-02
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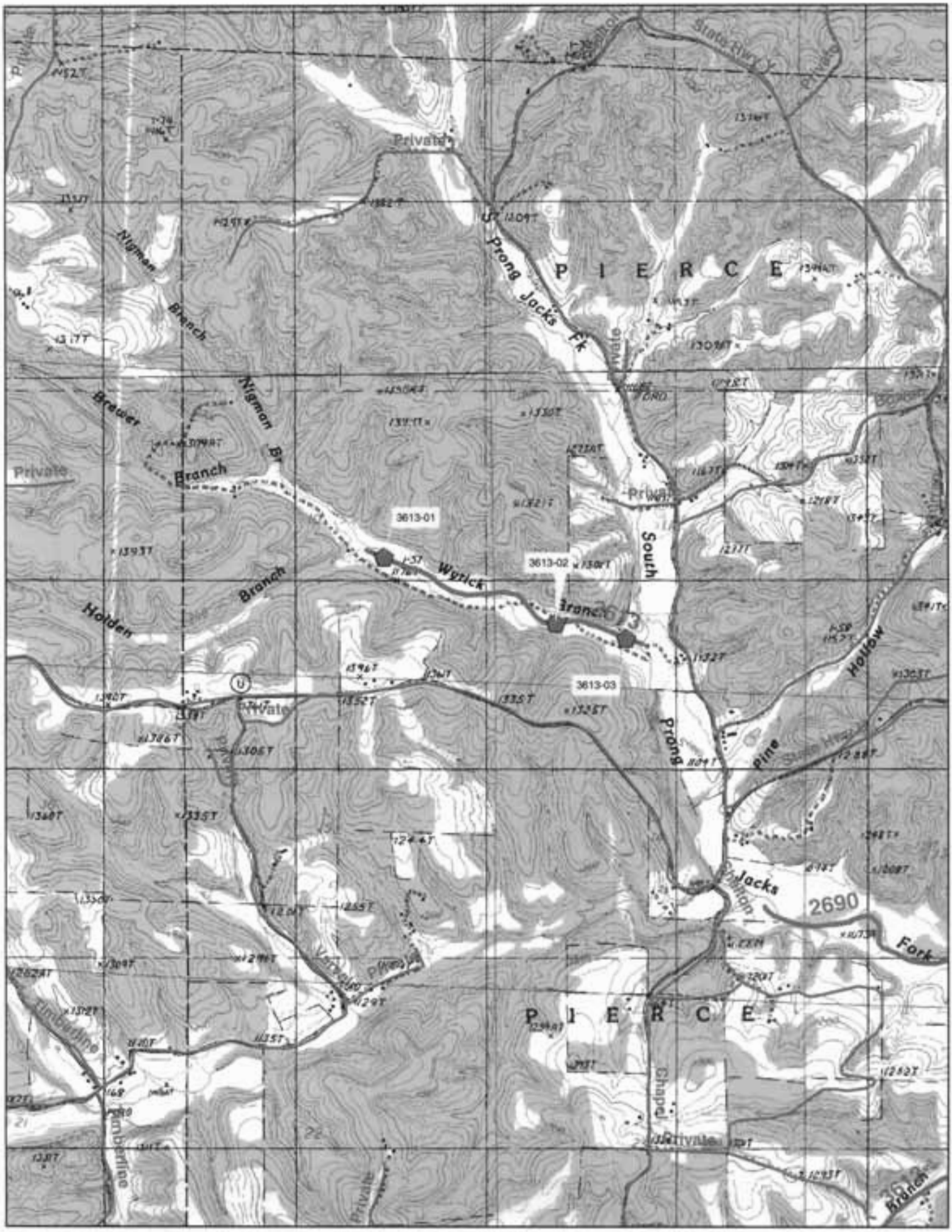
Private
2690



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State Hwy
Nigman
Branch
Prong Jacks Fk
P I E R C E
Brewer
Nigman Br
Branch
Private
3613-01
3613-02
3613-03
Wytick
Branch
South
Holden
Branch
Private
Prong
Pine
Hollow
Jacks
2690
Fork
P I E R C E
Timberline
Chapel
Private
Branch