

Saltfork Craftsmen Artist-Blacksmith Association

September 2018

The Saltfork Craftsmen Website has Some New Features!

See Page 20

The screenshot shows the website's header with the logo, title, and Oklahoma Affiliate of ABANA. A navigation bar includes links like Home, Calendar, About Us, Contact, Projects, Library, and Links. A 'Member Login' button is highlighted with a red arrow and labeled 'Member Login'. Below the navigation bar, a 'Welcome' message is followed by a Facebook link. A large blue-bordered box contains information about the 'SCABA CONFERENCE WEEKEND', including a link for 'Online Conference Registration' and details about the 2018 conference dates (October 13th and 14th). A red arrow points to this box with the label 'Online Event Registrations'. Another red arrow points to the 'Join us on Facebook' link with the label 'Online Membership Registration And Renewal'.

Member Login

Member Login
NEW ONLINE
♦ August 2018 Newsletter
♦ August 2018 B&W Newsletter
♦ 2018 Conference

Home Calendar About Us Contact Projects Library Links
Workshops Demos Videos Member Gallery Newsletter Scholarships Tailgate Membership Application

*Welcome to The Saltfork Craftsmen
Artist-Blacksmith Association Website*

Join us on Facebook

The Saltfork Craftsmen Artist-Blacksmith Association, SCABA, is a non-profit organization of amateur and professional artists and craftsmen. SCABA publishes a newsletter monthly and our purposes are the sharing of knowledge and education and the promotion of a more general appreciation of fine craftsmanship everywhere.
We are an affiliate of the [Artist-Blacksmith Association of North America](#).

♦ [SCABA CONFERENCE WEEKEND - Click here for more information](#)
♦ [Online Conference Registration](#)

The dates for the 2018 SCABA Conference have been set for the October 13th Weekend.
Mark your calendars!

JJ McGill has secured commitments for two demonstrators for the 2018 SCABA Annual Conference. This year, we will have Bob Bergeman and Pepe Gomez. Bob Bergeman is well known for a variety of forging techniques with a focus on using power hammers.

Pepe Gomez is well known in the knife making circles for his amazing pattern welding (aka "damascus".)

As we have done for two years now, there will be workshops with these demonstrators following the conference.

Online Membership Registration And Renewal

Online Event Registrations

The 2018 Annual Saltfork Craftsmen Conference is October 13th and 14th

See Page 22 for Registration Form and Information.

Online Registration is Now Available Through the Website!

Find an extra bonus in your welcome packet if paid registration is received on or before Monday, October 8th

**Saltfork Craftsmen
Artist-Blacksmith Association
Officers and Directors**

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23713 E 860 Rd
Thomas, OK 73669
Call or Text. If you get voice mail, please leave a message.

Conference Set Up Work Day!

There is a Pre-Conference set up work day scheduled for October 6th at the Conference site in Sulphur (the Saturday before the Conference.)

If you are interested in helping set up for the Conference, please feel free to attend that day.

Set up will include placing the bleachers, installing the audio visual infrastructure, moving various items around, etc. There will be a lot of camaraderie among those elite volunteers who choose to attend.

And, anyone who attends to help will receive five tickets for the Tool Box and five for the Anvil Quilt - A \$20 value! See you there!

The Saltfork Craftsmen Artist-Blacksmith Association, a non-profit organization Our purposes are the sharing of knowledge, education and to promote a more general appreciation of the fine craftsmanship everywhere. We are a chapter of the Artist-Blacksmith Association of North America.

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Visit our Saltfork Craftsmen Website:

www.saltforkcraftsmen.org



President's Notes:

Well August has started out nice and cool. I hope everyone got to do some cooler hammering. I have enjoyed it.

We had a board meeting two weeks ago. We feel we have most everything in line for the conference. The tool box looks a little empty it would be a shame to win it and not get very many tools. Don Garner has not let us down in making a really nice toolbox. Please consider bringing a tool to donate to the toolbox at the conference if you can. We would really like to have a well rounded set of tools and the toolbox auction really helps out the club.

If any one is interested in making a tool box, for the next conference in 2019 please let us know at this year's conference with an idea of what you have in mind.

We used to have a contest to design a logo on the T-shirts each year. I would like to have our members input on doing this again for next year. For this year, our new T-shirt manager, Josh Perkins, has done a great job of creating a real nice design for the 2018 Conference shirts.

We are working on up dating the club web site, I think it will work well for tech savvy people. *(See more info on the website update on page 20. -Editor)*

For new and old members that have an idea for a workshop or class places let me know.

The Cherokee Strip Museum and Blacksmith Shop is hosting their grand opening September 7, 2018 at Perry, OK. Ribbon cutting is at 1:00 PM. Demonstrations are at 2-6 PM for anyone who would like to go. I hope you get this notice in time to be able to attend. I will try and make it on Friday and then go to Cheyenne, OK on Saturday for Youth Day.

I hope everyone who's hammering is having a good time.

Hit it like you are on a mission.

Thanks, Mandell



All Regional Meetings are Free to Attend and are Always Open to Any Member or Guest...

New to Saltfork or just want to check out Blacksmithing but don't know where to start? These meetings are a great place for new members or guests who just want to see what it is all about to come network with like minded people. If you want some pointers on how to get started, there is always someone happy to help get you started hammering. And guests are always welcomed.

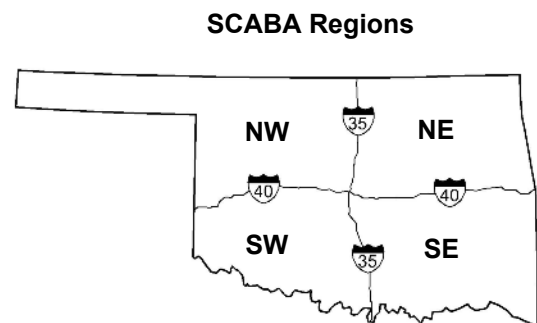
Want to host a meeting? The meeting hosting form can be found on the last page along with membership application form. If you want to host a meeting in any area please fill out one of the host forms on the website under the calendar section or in the newsletter and e-mail the information or mail the hard copy form in as soon as possible. If you mail a form, please call or e-mail to verify that it is received. E-mail is the most convenient for me but you can also phone in the information if you prefer. The sooner the meeting is scheduled, the more time there is to get the word out to potential attendees. -Russell Bartling 918-633-0234 or rbartling@ionet.net

What's My Region?

The four main regions are currently defined within the state by being separated by I35 and I40. (For example, the NW region is anything north of I40 and west of I35.)

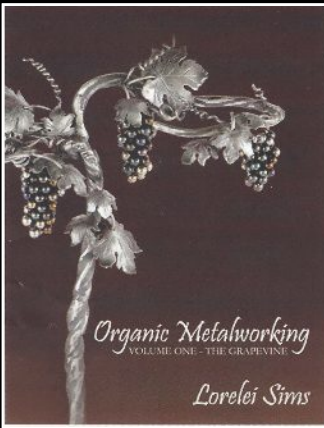
All meetings are encouraged. These boundary definitions and regional meeting dates are a suggested framework to facilitate orderly meeting scheduling, planning and promotion with a minimum of overlaps and a maximum exposure to the greatest number of members. Not all meetings fit precisely within a rigid boundary definition and members in an area may want to hold meetings on a date that doesn't match their physical region or at a location other than their own region. This may be especially true in the center of state for areas that are close to the I35 and I40 boundary crossing. Special events such as shows, fairs, etc. may also dictate adjustments to the meeting dates within a region.

The regions are meant to be a simplification and clarification to the regional boundaries rather than a rigid restriction to any meeting scenario. ***Saltfork members all belong to one club.*** Regional boundaries are not intended to imply division within the club, but are intended to help spread distribution and promote monthly meetings.



Safety

Blacksmithing can be an inherently dangerous exercise. There is no substitute for personal responsibility and common sense and no list of safety rules can adequately cover every situation. Every person who attends a meeting, demonstration or event sponsored by the Saltfork Craftsmen Artist Blacksmith Association (SCABA) or its members does so at their own risk and assumes all responsibility for their own safety needs. The SCABA organization, its officers, members, demonstrators, volunteers and guests disclaim any responsibility for any damages, injuries, or destruction of property resulting from the use of any information or methods published or distributed by SCABA or demonstrated at workshops, meetings, conferences or other events. SCABA recommends proper attire and safety gear and standard shop safety procedures appropriate for blacksmithing and shop work during any event where blacksmithing and other related methods are involved. Safety attire includes, but is not limited to, appropriate clothing, eyewear, hearing protection, gloves, and face shields when appropriate. It is every individual's responsibility to provide for their own safety, to determine what safety gear is appropriate for each situation and to provide, maintain and use that gear as appropriate for each individual situation.



Organic Metalworking Vol. 1

by Lorelei Sims

Limited Copies Available

Lorelei Sims has a great new book illustrating her methods for organic metalworking. (See details in the October 2016 newsletter, Page 35.) Volume 1 is first in a series of planned books on different aspects of organic forging. This is a very good how-to book heavily illustrated and has something for beginning and advanced smiths alike.

Lorelei's methods are easy to understand and execute but the finished work is beautiful (at least hers is beautiful!) You will probably want a copy of this book in your library. I highly recommend it.

Due to continued demand, we have a second shipment of this book and many have already sold. The price of the book through SCABA is the same as the price directly from Lorelei and proceeds from sales benefit SCABA. **Contact Josh Perkins (918) 269-3523** if you would like to purchase a copy. - Editor



Anvil Quilt Drawing

The Saltfork ladies have made another awesome anvil quilt that will go to the winning ticket at the 2018 SCABA Annual Conference. Tickets will be available for \$2 each at the Conference.

If you will not be attending this year's Conference, you can also obtain tickets from Carol Doner, LaQuitta Greteman, or Teresa Gabrish. (Or anyone else you see selling tickets at meetings, etc.)

The drawing will be held Saturday at the Conference.

Good Luck!

2018 REGIONAL MEETING SCHEDULE

NE Region (1 st Sat)	SE Region (2 nd Sat)	SW Region (3 rd Sat)	NW Region (4 th Sat)
Jan 6 th (Open)	Jan 13 th (Open)	Jan 20 th (Open)	Jan 27 th (Monte Smith)
Feb 3 rd (Bill Kendall)	Feb 10 th (Open)	Feb 17 th (Open)	Feb 24 th (Rory Kirk)
Mar 3 rd (Open)	Mar 10 th (Bruce Willenberg)	Mar 17 th (Open)	Mar 24 th (Mandell Greteman)
Apr 7 th (Open)	Apr 14 th SCABA Picnic	Apr 21 st (Open)	Apr 28 th (Bob Kennemer)
May 5 th (Dan Cowart)	May 12 th (Open)	May 19 th (JJ McGill)	May 26 th (Don Garner)
Jun 2 nd (Josh Perkins)	Jun 9 th (Ronnie Smith)	Jun 16 th (Ricky Vardell)	Jun 23 rd (Terry Kauk)
Jul 7 th (Open)	Jul 14 th (Byron Doner- Conference Toolbox Tool Making Day)	Jul 21 st (Open)	Jul 28 th (Chris Zornes)
Aug 4 th (Josh Perkins) (Unless Other Host Interested)	Aug 11 th (Open)	Aug 18 th (Open)	Aug 25 th (Roy Bell)
Sep 1st (Josh Perkins) Unless Other Host Interested)	Sep 8 th (Open)	Sep 15th (Ricky Vardell - JJ McGill - Sulphur Tractor Show)	Sep 22nd (Don Garner) **Sep 28th and 29th**
Oct 6th (Conference Set up Work Day)	Oct 13th (Conference Weekend!)	Oct 20 th (Open)	Oct 27th (Corey Spieker)
Nov 3rd (Jim Carothers)	Nov 10th (Bill Phillips)	Nov 17th (Anthony Griggs)	Nov 24 th (Open)
Dec 1st (Josh Perkins) (Unless Other Host Interested)	Dec 8 th (Open)	Dec 15 th (Open)	Dec 22 nd (Open)

2018 Fifth Saturdays:

March 31st (Beginner Blacksmithing Workshop - Norman, OK - See Workshop Schedule)

March 31st (Beginner Blacksmithing Workshop - Tulsa, OK - See Workshop Schedule)

June 30th (Tool Making Workshop at Mandell Greteman's Shop in Foss. See Workshop Schedule)

September 29th (Open)

December 29th (Open)

In an effort to increase meetings in the NE region, Josh Perkins is offering up a regular meeting place at his shop just to get together and open forge unless someone wants to host a normal meeting on that date. Where noted, the meetings are just informal get togethers and those dates are still open to anyone who wants to schedule a meeting in the NE.

Please note that there is no trade item for these meetings and lunch is not provided (bring your own lunch.) And since Josh doesn't have a lot of extra tongs or hammers, it would be best to bring your own.

September 2018

NE Regional Meeting September 1st: Will be hosted by Josh Perkins at 9620 N 427, Chelsea, OK 74016 (see Map on next page.)

No trade item and bring your own lunch. In an effort to increase meetings, Josh is offering up a meeting place in the NE region just to get together and open forge unless someone wants to host a meeting on this date.

Josh doesn't have a lot of extra tongs or hammers so you might want to bring your own. Contact Josh Perkins at 918-269-3523 or hithforge@gmail.com

SE Regional Meeting September 8th : Open.

SW Regional Meeting September 15th: Will be hosted by Ricky Vardell and J.J. McGill in conjunction with the Murray County Antique Tractor & Implement Association Show.

The trade item is a pair of one-piece forged spring shears (8 to 10" long) (See more info on page 9.)

Lunch will be on your own. The blacksmiths are invited to a thank you dinner by the Tractor Club at 6PM

Directions are 7 miles north of Sulphur on Hwy 177 then east $\frac{3}{4}$ mile on Tractor Road. If you need more information, contact Ricky Vardell at 580-512-8006 or JJ McGill at 580-369-1042.



NW Regional Meeting September 22nd ~~22nd~~ **28th and 29th **: Will be hosted by Don Garner at the Fairview Tractor Show. Directions: 1 $\frac{1}{2}$ miles east of Fairview on Hwy 58. Watch for signs on the north side of the road.

The trade item is a set of hinges for a door (at least 25 inch). Lunch will be on your own. Contact: Don Garner 580-302-1845 if you have questions.

****NOTE: Tractor Show Dates changed to Sept. 28th and 29th . Meeting date is revised to those dates!!****

October 2018

NE Regional Meeting October 6th : Pre-Conference Set Up Work Day.

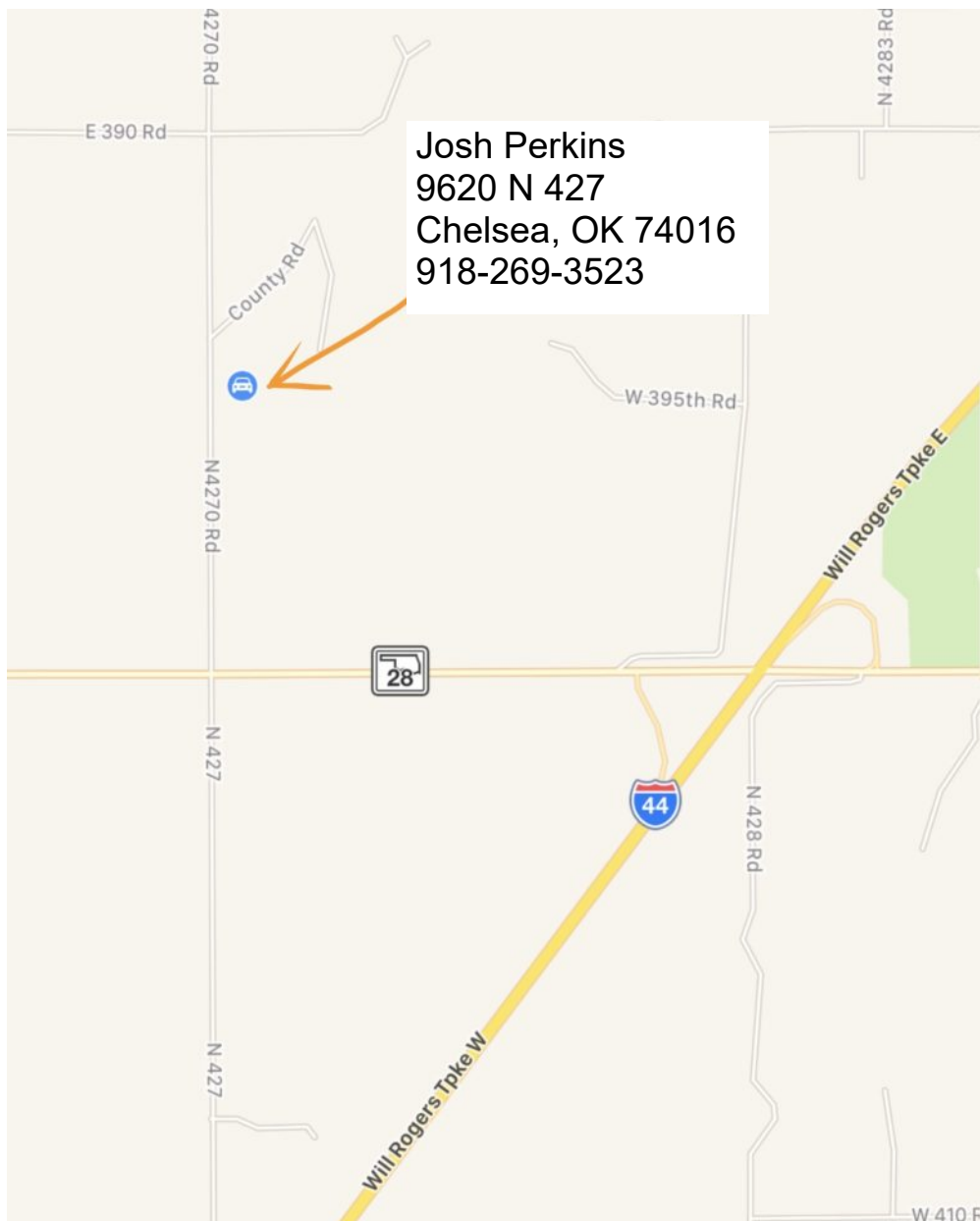
This date is reserved for the pre-conference set up work day in Sulphur, OK. All volunteers are welcome and will receive Conference Toolbox and Quilt tickets for helping. (See info elsewhere in this newsletter.) There will also be a lot of camaraderie during the set up. Don't miss out!

SE Regional Meeting October 13th : **CONFERENCE WEEKEND!**

SW Regional Meeting October 20th : Open.

NW Regional Meeting October 27th : Will be hosted by Corey Spieker at the Route 66 Blacksmith Museum Shop in Elk City.

In honor of Cheryl Overstreet, the trade item is something made out of copper. Lunch will be provided but please bring a side dish or dessert to help out. Contact Corey Spieker at 580-799-1736 if you have questions.



2018 Workshop Schedule

There are currently no workshops scheduled other than the after-conference workshops (see information elsewhere in this newsletter.)

Have an idea for a workshop or class? If you have an idea for a workshop that you would like to attend (or teach), please let the workshop coordinator know so that details for time and place can be worked out.

**Mandell Greteman is the SCABA Workshop Coordinator.
Contact Mandell at 580-515-1292.**

Forged Spring Shears

Examples for SW Region September Trade Item (See Page 7)



Progress Board for Japanese style shears provided by JJ McGill. It appears to show hardenable steel forge welded to the base metal and drawing out to the classical Japanese shape.



Photo of shears provided by Ricky Vardell



This is a photo of a pair of 15th Century shears. They appear to be wrought iron and may also have steel cutting edges.

Rowan Taylor has a three part Youtube video series on forging spring shears including heat treating. You can access part 1 here:

<https://www.youtube.com/watch?v=1hRk0xpT6Q0>

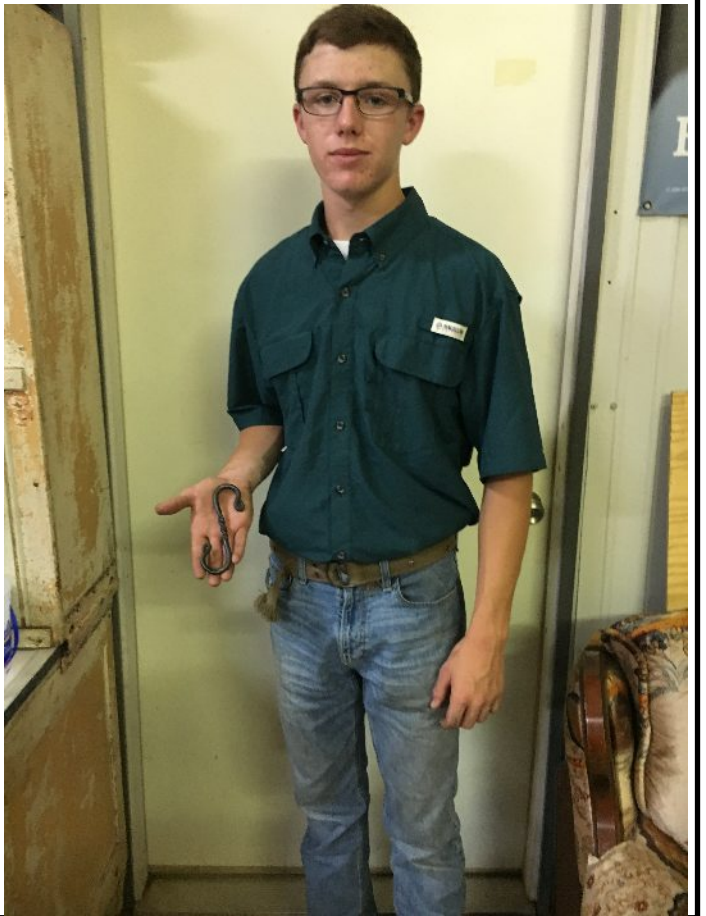


Around the State...

NW Region July Meeting: The northwest region July meeting was hosted by Chris Zornes at the Gretemans' shop in Foss.









The trade item was “your best S-Hook” and there were some creative examples. There were about twenty attendees.



(Photos submitted by LaQuitta Greteman and Samantha Jane Zornes)

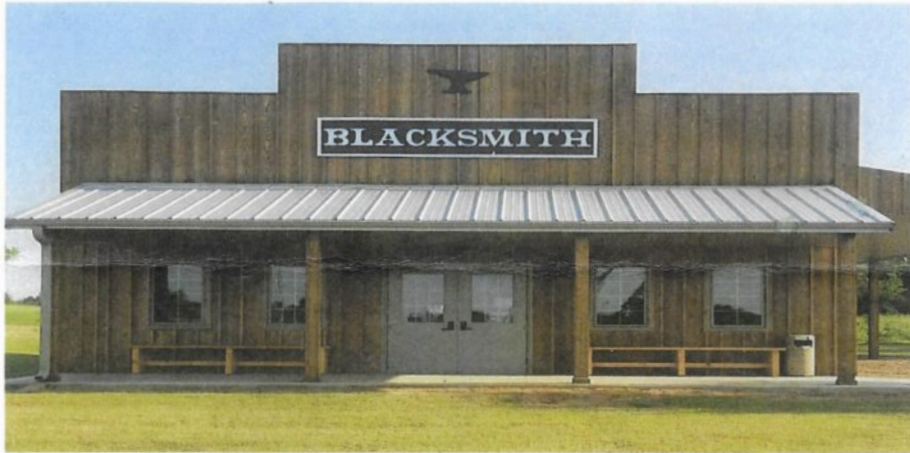




NE Region August Meeting: Josh Perkins held a meeting at his shop in Chelsea but was too busy teaching some new attendees to get any photos.

SE Region August Meeting: No Meeting was held in August.

SW Region August Meeting: No meeting was held in August.



Please join us for the
Grand Opening
of the
Cherokee Strip Museum
and
Blacksmith Shop

September 7, 2018, 1-6 pm
2617 Fir St., Perry, OK

Ribbon Cutting at 1 pm
Blacksmith Demonstrations 2-6 pm

Attached is the flyer announcing the opening of the craft center / blacksmith shop here in Perry.

The construction and loading of this shop with tools has been in the works now for several years.

Location is on the west side of town across the street north of the Braum's store on the Cherokee Strip Museum grounds.

The opening is set for **Friday, September 7th beginning around 1 PM.**

As part of the opening, Tom Nelson and I are scheduled to be doing some sort of smithing demo until about 5 – 6 PM.

We'd love to have you come join us and take part in the smithing demos.

You would need to bring your own hand tools and steel. We have a good coal forge, anvil, and vise in the shop.

I expect Tom & I will meet at Braum's for lunch around noon; join us there if you can.

Jim Carothers
580-307-5152
frontiershop@wildblue.net

Member Gallery



Candle Holder to be Donated to the Cheyenne Pioneer Day Celebration Auction

By Rory Kirk, Cheyenne, OK

*****URGENT! Demonstrators Needed!*****

Demonstrators are still needed to fill out the schedule for the Oklahoma State Fair. This is a great opportunity to gain exposure for the club. The club will receive compensation to help cover expenses and demonstrators get free gate admission, a parking pass and hotel stay if needed (on a first come first served basis.) Please consider signing up to demo! - Editor

Oklahoma State Fair Demonstrators Needed

The Saltfork Craftsmen Club has been invited back again to the 2018 Oklahoma State Fair. The club will receive \$1,200.00 for 10 days of demonstrating (Thursday, September 13-Sunday, September 23, 2018) in "The Oklahoma Frontier Experience" area of the fair. This year's theme is "Old Fashioned Fun, New Fashioned Year".

We are seeking those interested in coming out to show your skills and homemade products to fair-goers. If you are a current member of Saltfork Craftsmen and interested, please contact Michele or Richard Blasius at 405-324-2017 or 405-550-9850 with your name and the dates you are interested in volunteering. If you are not a member but would like to sign up, it's not too late to join the club.

We will set up the demonstration site Wednesday morning September 12 (providing the trailer arrives by then). As in years past I expect us to have one complimentary hotel room for out of town demonstrators to use. This will be handed out on a first come, first serve basis. Please look at the calendar and select your dates. You will receive free gate admission and a parking pass (while passes/supplies last), so sign up early.

If you have any questions, please contact us. Hope to see you there!!

Richard & Michele Blasius

SALTFORK CRAFTSMEN 2018 STATE FAIR CALENDAR

SEPTEMBER

				12 Set-up 9:00 am	13 Richard Blasius * * *	14 Richard Blasius * * *	15 * * * *
16 * * * *	17 Anthony Griggs Richard Blasius * *	18 Richard Blasius * * *	19 Anthony Griggs Richard Blasius * *	20 Richard Blasius * * *	21 Anthony Griggs Richard Blasius * *	22 * * * *	
23 * * * *	Carol Griggs with Anthony Griggs to help monitor the tables Scheduling: Richard Blasius 405-881-0804						



Brent Bailey Workshops and Conference Demo at the NTBA 2018 Conference

The North Texas Blacksmith Association is having Brent Bailey back for a week of one day workshops and the Saturday annual conference for 2018. The NTBA had Brent for hammer workshops in 2016. (See the December 2016 Saltfork Newsletter.)

By the way, Brent makes some of the best hammers going and sells them for about the best prices going to boot. He can also swing a sledge hammer with one arm like most people swing their normal 2 ½ pound forging hammer. If you haven't seen his work, visit Brent's website at:
<http://brentbaileyforge.com/>



There are also several good Youtube videos of Brent. Just look up Brent Bailey on Youtube or start with this one:

<https://www.youtube.com/watch?v=1NIG7k50OW0>



NTBA classes will start on Monday the second week of November and each one-day class will run until the Conference on Saturday. Classes are \$150 Each. You must be a member to attend (\$25 for one year membership.) The Saturday Conference is \$45. The NTXBA is waiving memberships for non-members who sign up for the conference and giving a free one-year membership with the paid conference fee.

The Conference and workshops will be at Will Frary's shop in Denton, TX off of Hwy 380. If you would like to attend, keep an eye on the NTBA Facebook page or website:

<https://www.facebook.com/ntxba/>



<http://www.ntxba.org/2018hammer-in.php>



Registration is open now!

You can also check with the Treasurer, Fred Cole, for more detailed information:

Fred Cole
972-834-4066
fcole@gmail.com

Blacksmith Demonstrator Opportunity at Tulsa State Fair September 27th Through October 7th

Volunteer Demonstrators Needed:

From Mecca Waite:

We are looking for volunteers for the full run. The best way to reach us is to call 918-845-2142. We are being moved from our usual location and I am still working on the logistics and contract with the fair.

Based on the last few years we are hoping for 2-3 people each day and evening. Chuck and Mecca Waite will be there each day so that everyone has opportunity to see the fair and take a break.

Please call me for more specifics. We are arranging for parking and passes for all volunteers.

Selling items is allowed.

For more information call Mecca at 918-845-2142.

2018 SCABA Conference RV Reservations:

The 2018 SCABA Conference is scheduled for October 13th and 14th in Sulphur, Oklahoma (the same location as 2016 and 2017.)

It is not too early to make reservations if you plan on camping on site and need an RV hookup. Primitive camping is also available with access to clean toilets and showers if you prefer primitive camping. RV hookups are available for \$15 per RV per night (to the Tractor Club) for electric only service. Spots are already being reserved so contact J. J. McGill as soon as possible if you would like to make a reservation.

Contact J. J. McGill at 580-369-1042 or jjmcgill88@yahoo.com

SCABA Website Enhancements

Ever wished you could renew your membership online? Sign up and pay for the conference? Update your address? Or join as a new member right from our website?

A few weeks ago, we quietly added new features to our website and now all of those are possible! A few of our more vigilant members already noticed and worked out how to log in. Here's a tour for the rest of you.

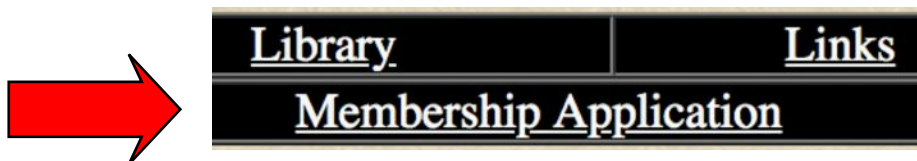
Member Login



If you are currently a member or were a member in 2017, the website already knows about you. You don't have to be current to login. Use the Member Login link in the upper right corner to get started. You don't have a password yet, so follow the link on the Login form that says, "Already a member, but haven't signed in before?". Put in your email address (the one you put on your membership form) and you will be emailed a password reset code. The email usually comes through in just a few seconds, but it can take a minute or two. Put that code in, choose a password and you're set!

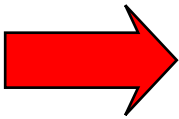
If we don't have your email address (or we don't have it right), you'll get an error: "UserMigration failed with error Not found." Contact Eric Jergensen (gericjergensen@gmail.com or 405-414-8848) to get that fixed.

New Member



The Membership Application link is now a signup form. The form starts out with just a PayPal link. You do not have to have a PayPal account: you can use a credit card with that link without creating a PayPal account. After you complete the order on PayPal, our signup form will fill itself out with the details from PayPal. That way, you don't have to enter them twice. Change or add information as appropriate and set a password, submit, and congratulate yourself on joining the best Blacksmithing club in the universe! (Note: if you don't submit the form, you will not be charged the membership fee.)

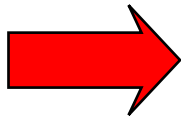
Conference Signup



CONFERENCE WEEKEND - [Click here for](#)
◆ [Online Conference Registration](#)
SCABA Conference have been set for

Use this link to signup for our conference. If you haven't gotten around to renewing, this will automatically add the \$15 conference-special renewal charge to your order.

Edit Membership Details



[My Membership](#)

Upon login, the Membership Application link becomes My Membership. Use this link to update your address or other details, change your password, or even change your email address.

Upcoming Changes

Membership Expiration

Currently all memberships expire at the end of March, even if you sign up in January (ouch). Now that membership is automated, we will move to memberships that expire one year from signup / renewal. This change will take place after the conference. Until then, signups or renewals will be valid thru the end of March (which is equivalent since the conference special is half-price for half of a year).

Early Newsletter Access for Members

The current newsletter will not appear in the archive. To use the current newsletter links, you will need to login **and** be a current member. Anyone who renews or signs up will have immediate access to the current newsletter. When the next newsletter comes out, the no-longer-current one will be added to the archive. This way we still provide a great resource to the whole world for free but give our members first crack at all the sweet Shop and Swap deals!

Digital-only Membership Option?

Did you know that it actually costs SCABA **more** than the \$30 membership fee in annual printing and mailing costs for each member? Some of us regularly read the online newsletter long before the print version arrives. Mine sometimes ends up in the trash still sealed. What do you think about an option to forego the printed copy and save yourself \$10 per year? We certainly want to continue mailing paper newsletters to anyone that prefers it. But, if I had the option to save a few dollars **and** effectively put a bit more money into the club, I would do it. What do you think? Let us know.

Online Library Orders

Current members will soon be able to place orders for resources from our library online. We're in the process of setting up the catalog now.

- Eric Jergensen

The 22nd Annual

Saltfork Craftsmen Artist Blacksmith Association Conference

October 13th & 14th 2018



**Featuring Live Blacksmithing
Demonstrations by:**

Bob Bergman

&

Jose “Pep” Gomez

Murray County Antique Tractor Association Show Grounds:

7 miles north of Sulphur on Hwy
177, ¾ mile east on Tractor
Road. Sulphur, OK

Conference Schedule



Friday, October 12th

Conference setup starting at 8:00 am.

Saturday, October 13th

Registration opens at 7:00 a.m.

Demonstrations 8:00 am – Noon

Lunch break Noon – 1:00 p.m.

Demonstrations 1:00 – 5:00 p.m.

Dinner 6:00 p.m.

Drawing for toolbox 7:00 p.m.

Auction 7:00 p.m.



Sunday, October 14th

Registration Opens at 7:00 a.m.

Demonstrations 8:00 – 11:30 a.m.

Lunch Break 11:30 – 12:30 p.m.

Demonstrations 12:45 – 4:00 p.m.

Cleanup and teardown 4:00 p.m.



Conference Set Up Work Day!

There is a Pre-Conference set up work day scheduled for October 14th at the Conference site (the Saturday before the Conference.)

If you are interested in helping set up for the Conference, please feel free to attend that day. Set up will include placing the bleachers, installing the audio visual infrastructure, moving various items around, etc. There will be a lot of camaraderie among those elite volunteers who choose to attend.

And, anyone who attends to help will receive five tickets for the Tool Box and five for the Anvil Quilt - A \$20 value! See you there!

22nd Annual Saltfork Craftsmen Blacksmithing Conference

Registration Form
October 13th & 14th, 2018

Please Print Clearly

Name: _____ Spouse Name: _____

Address: _____

Phone: _____ E-Mail: _____

Membership required for attendance.

Charge for non-members is \$15 for partial membership until March 31, 2019

	Number	Cost Each	Total
Conference Registration Fee (One Per Family)			
Saturday & Sunday (per family)		\$55.00	
Saturday Only (per family)		\$35.00	
Sunday Only (per family)		\$35.00	
Membership Until 03-31-19 for Non-Members		\$15.00	
Meals			
By donation at time of meal. Donation Jar will be set out when meal is served			
*Family Classes on Saturday			
Saturday Morning: Chicken Scratch Embroidery		\$2.00	
Saturday Afternoon: Wire Wrapped Pendant		\$45.00	
Sawblade Painting		\$8.00	
*Family Classes on Sunday			
Sunday Morning: Copper Rose Pendant		\$45.00	
T-Shirt Macrame Plant Hanger		Free	
Total Payment Enclosed			

Only one family Registration Fee (family members only) required per household.
(All meals and all material costs for Family Classes must be paid).
Saltfork Craftsmen T-shirts will be available at the conference.

Murray County Antique Tractor Association Show Grounds:

7 miles north of Sulphur on Hwy 177, ¾ mile east on Tractor Road. Sulphur, OK

Make checks payable to Saltfork Craftsmen ABA.

Mail this form with full payment to:

Teresa Gabrish
PO Box 18389
Oklahoma City, OK 73154

All adults attending the conference must sign this disclaimer. Parent or legal guardian must sign for minor children.

Disclaimer: I understand that blacksmithing can be a dangerous endeavor. I understand that my safety is my responsibility. I understand the need for eye and ear protection; I will provide and utilize the necessary safety equipment for all activities. The Saltfork Craftsmen ABA, its officers and members are not responsible for my well-being. Registration for the Conference indicates my agreement to these terms.

Signature: _____ Date: _____

Signature: _____ Date: _____

Family Classes:



T-Shirt Macramé Plant Hanger



Wire Wrapped Pendant



Copper Rose Pendant



Chicken Scratch Embroidery

If anyone has suggestions for additional classes or classes for next year please contact Teresa at tgabrish@gmail.com.



2018 SCABA Conference



October 13th and 14th
Sulphur, Ok

Demonstrators: Jose "Pep" Gomez and Bob Bergman

Conference Workshops October 15, 16 and 17th:

SCABA has set up on site workshops with the demonstrators - Pep Gomez and Bob Bergman - *after* the conference. Each demonstrator will conduct a 10 student workshop over three days following the conference (Monday through Wednesday). The workshops will run concurrently so you will only be able to register with one instructor. This is an amazing opportunity to receive hands on instruction with instructors of this caliber.

Participants must provide their own (or arrange to borrow) safety gear and forging stations including anvil, forge, vice, and basic forging tools such as hammers, tongs, chisels, and punches etc. Specific tooling requirements for any tools that will not be provided will be made available before the workshops.

These may not be beginner classes and basic forging abilities including some forge welding may be required. (You do not have to be an expert, there will always be others to help you through challenges. And stretching our abilities is part of the point of these workshops. But if you are just learning to forge, these workshops may be difficult.)

Participants are first come, first served and must call or e-mail Eric Jergensen to register. *UPDATE: The Pep Gomez workshop is full. There are still some openings in the Bob Bergman workshop.*****

Cost for a workshop is \$350 per student including meals. Note that the Pep Gomez workshop will also include an additional \$50 estimated material cost. Registration fee will need to be paid in full within 21 days of registration or you may lose your place in the workshop. Cancellations will be accepted for a 50% refund up to September 30th. After that, the registration fee will be non-refundable.

If you have registered for the workshops, additional details will be provided as available.

If you have any questions, contact Eric Jergensen at 405-414-8848 or gericjergensen@gmail.com

NOTE: Due to current finances, After-Conference Workshop Scholarships will not be available for 2018.

Conference Demonstrator Workshop Information (Continued):

Bob Bergman ****Updated Description of Demo and Workshop****

I will start out talking about the design and construction of the KA75 hammer as you asked for in our first conversation. This will include the story of working with the inventor Grant Sarver as his sales rep and then eventually taking over production. Grant was quite a character and it was an interesting relationship.

I will demo the hammer covering what I call Power Hammer ABC's. This has been a demo I have presented many times. It covers basic industrial forging techniques using hand held tools and flat dies. This is a more process oriented demo than product oriented. What I mean is that these basic processes can be applied to make any kind of object. Safety concerns will also be covered.

Another topic will be tool making. I will show how I approach tooling as groups or a family of tools made while in the tool making mode. I like to make a lot of handles at one time so they are available for use in the future. Also I will discuss making dies, both open and closed.

I will ask the audience what their interest is - vocational or hobby. If there is interest in discussing running a shop as a business, I can cover this also. I will mention how I got started and the arc of my 50 years in the trade.

The second morning I plan on more product oriented work.

I will cover making a human figure from a single piece of starting stock. This will be formed into a sculpture with input from the audience.

The second piece will be a traditional candle stick as shown to me by Francis Whitaker.

If there is time I will make a cowboy figure from some horseshoes.

These projects are what I plan to teach in the classes, along with power hammer work. - Bob Bergman

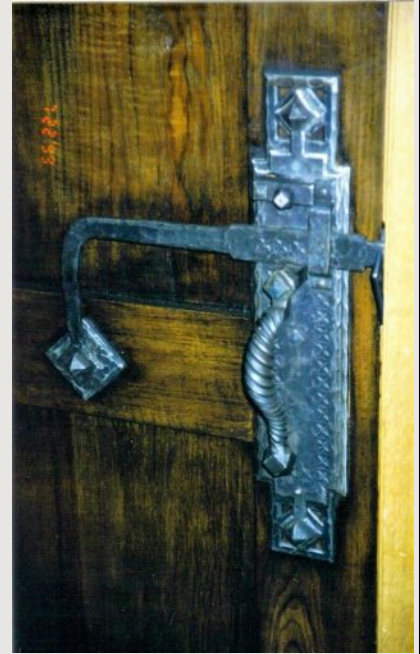
This is an update on the topics Bob plans to cover in the Conference demo and the following workshops. Refer to the August newsletter for additional biographical information on Bob. - Editor



Conference Demonstrator Workshop Information (Continued):

Bob Bergman (Continued...)

These are few examples of Bob's work (taken from his website: <https://www.postvilleblacksmith.com/>):



Please Note: This is Bob's last planned demo and possibly his last workshop as well. Bob is selling his blacksmith business (see Shop and Swap page 40 in the August newsletter.)

2018 SCABA Annual Conference People's Choice Awards and General Gallery

Two Categories:

At this year's Annual SCABA Conference, there will be something new for the People's Choice Awards. This year, just like last year, we will have **two categories**, one will be for work done using "**Traditional**" methods and the other will be "**Open**," meaning open to use any and all methods of the artist's choosing.

As soon as we start placing labels on art and craft work, it becomes difficult to avoid creating overly limiting definitions to clarify those labels. The intent here is to separate work that is done with methods generally considered traditional to blacksmithing, such as forge welding, joinery, punching, upsetting, drawing out, etc. from more modern methods such as arc/mig/gas welding, stock removal grinding, etc. These "modern" methods have become, in many cases, much faster and easier to use than the traditional methods due to modern machines and equipment. This separation is an attempt to allow a potential gallery submission to be judged against other work on a more equal footing than is practical with a single overall category. Though not always true, some of the traditional methods require more skill and time to accomplish a finished result than by using more modern methods.

Does this mean you can't use your Baldor grinder with a wire wheel to clean up your hand forged gothic grille? No it is not meant to restrict time saving methods that don't really impact the nature of the finished piece and are really a faster equivalent version of the traditional "by-hand" method. It does mean you can't arc weld that one piece that broke off from a stress crack at the last minute and try to hide it with judicious grinding and reheating to cover the tracks with fire scale if you want to enter the piece as "traditional." Can't people cheat? Possibly. We are betting most won't. Will there be judgment calls or "gray areas" in what to call traditional? Probably. If there are any issues that come up, the Board of Directors will make a judgment on how to place the piece in the Gallery. Mostly, any benefit of the doubt will go to the entrant.

I have volunteered to coordinate this year's Gallery set up. If you have any special needs to display you piece or any questions, please let me know.

General Gallery:

We would also like to see a general gallery of work from all levels on display. It does not have to be all new work or work submitted for the People's Choice voting. It can be for sale or just for display. But we would like to have anything you are proud of to be on display. Even work by beginners is often an inspiration so please don't hold back thinking your work is "not good enough." Keep in mind, there will be visitors that have never even forged an S-Hook or a leaf key chain. Any work probably has something to teach and inspire others. Please consider bringing your items to display! - *Editor*

2018 SCABA Conference Tool Box

Bruce Willenberg has volunteered again this year to keep track of the tools until the Conference. Any donated tool is greatly appreciated as proceeds from this drawing benefit the Saltfork club as a whole but hand made tools are the most appreciated by those interested in winning the box. Either way, the winner of the tool box drawing will have a nice collection of usable tools that they will be proud to own.

Update From Bruce:

We've had some more tools come in, BUT are far short of what we had this time last year. Conference is next month, just about 30 days from now. If we don't collect bunch more tools, the toolbox is gonna look mighty slim. Please take a look at the list and pick out something you want to add to the box. It doesn't matter at all if we get two or three duplicates as everybody's items are different from others. So what if we got six water cans or hammers, never been in a shop yet that couldn't find a use for them. And if we do get lots extras of something, worst case scenario, iron in the hat can always use another item.

We've got a great lookin tool box, let's fill it up with great lookin tools! If you do have a question, you can call or text Bruce (405) 227-4547 or email brskw1976@yahoo.com

Tickets for a chance to win the box will be available up until the drawing at the auction on Saturday night. If you will not be able to attend the conference and want a chance to win the tool box while supporting the club, tickets may be purchased from the Secretary (Teresa Gabrish.) Tickets are \$2.00 each.

Suggested Items	Donated
1 lb. cross peen hammer	
1 1/2 lb. cross peen hammer	YES
2 1/2 lb. cross peen hammer	
Rounding hammer	YES
Hot slit chisel	YES
Handled hot cut chisel	YES
File, flat bastard cut	
File, half-round bastard cut	
Farrier's rasp	
Hacksaw	
Rivet backing and setting tools	
Scribe	
Center Punch	YES
Center Finder	
Dividers	
Tongs	
1/4 V-bit	
3/8 V-bit	
1/2 V-bit	
Punch, Square	YES
Punch, round	YES
Punch/Chisel set with tongs	
Scroll pliers	
Soapstone and holder	YES
Abrasive block, small piece of grinding wheel	YES
Chisel, large	
Chisel, small	
Metal ruler	YES
Ball tool (round blunt nose punch)	
Hand held spring swage for tenons	
Hand held swage for necking down	
Set of monkey tools (1/8", 3/16", 1/4")	
Bending forks	YES
Dog Wrenches	YES
Flux and flux spoon	
Twisting wrench	
Hot cut hardy	
Bolster plate	
Finish wax	
Shovel	YES
Rake	YES
Poker	YES
Water can	YES
Multi Square	
Nail Header	
Flatter	
Wire Brush	
Hold Fast	

Iron in the Hat Items

Gerald Franklin

We will need more items for the Iron in the Hat (IITH) tables at the conference in October. You can bring them to the conference or pass them on to me or a director between now and the conference. We'd like for everybody to come to the conference, but if you can't come, you can still donate to IITH. Below is a list of things you might consider:

Tools

- Measuring tape, ruler, yardstick, etc.
- Safety gear such as ear plugs, safety glasses, etc.
- Punches, chisels, hammers
- Saws, power or manual
- Grinders, angle or bench
- Drill Bits
- Pliers
- Anvil tools
- Files

Supplies

- Grinder wheels and other abrasives
- Welding Rods
- Hacksaw blades
- Soapstone, silver pencils, etc.
- Rivets

Metal (Mark it as to type if you know what it is)

- Mild steel drops
- Tool steel drops
- Pieces of copper, brass, bronze, stainless, etc.

Please don't restrict yourself to this list of items, we'll be glad to get about anything that will draw some raffle tickets. Also, you might consider bringing books and magazines that pertain to smithing, welding, mechanical work, etc.

Don't Know What Iron in the Hat is?

If you are not familiar with "Iron in the Hat," (IITH) please refer back to the August 2018 newsletter, page 23. Gerald has written a great explanation of what IITH is and why we do it. It is pretty simple but at the first conference I attended, it was over before I realized what was it was all about! - Editor

Coal Fire Management by Russ Jennings

Last year I took a class at the Adirondack Folk School, called “forging transitions and setups”, it was taught by Bob Valentine. I had been blacksmithing as an amateur for about 3 years at that point. Bob Menard told me this class would help me take my smithing to the next level, and reminded me that the scholarship program would cover the majority of the cost.

I started as a smith watching You Tube videos, and then built a small coal forge in my garage. I used it for a summer, in the evenings after work and on weekends. I soon built a propane forge and didn't use coal again. Unless I was taking a class somewhere, and I always tried to get some time in the green coal tent at NEB meets. Often with some cranky old smith telling me I was doing it wrong.

He was right, but I didn't realize it at the time. After all, when I used a coal forge, it got hot when I cranked it or turned the blower up. I may burn a piece here or there, but that's just life as a blacksmith, right?

My class at the folk school was a five day, 8 hour a day class, using a hand cranked coal forge. There was only one other student. You couldn't ask for better, more personal instruction than I got; not unless you get to intern or apprentice somewhere.

The first day of the class I did alright and kept up, but I struggled with the fire. By the middle of the second day, I had burned several pieces and was getting frustrated, and tired. My usual go to plan of “crank the blower faster” meant I was exhausted, and I wasn't learning much since I kept having to start over. Mr. Valentine took the time to go over the finer details of coal fire management with me, and by the morning of day three I had the fire under control. Now I could focus on the actual class material because I had a clean, hot fire to go to every time.

The class ran until Friday. On Saturday there was a tool making day, where the experienced smiths and instructors had been invited to make tools. Those 9 teaching stations all need punches, fullers, and other tools. I had the opportunity to stay that Saturday and make tools with them. The skills I learned all week paid off in spades as I was able to keep a hot, clean fire all day and was able to forge weld with ease.

This class did live up to my expectation as something that took my skills to the next level. In addition to everything I learned about swinging a hammer, I learned how to control a coal fire. and what I learned on that topic is as valuable as anything else I learned that weekend.

First, let's talk about how I used to manage my fire. I thought I was doing decent on this topic, but that's mainly because I was using a coal fire for short periods. I would get home from work around 6, fire up the forge, and if I was lucky I got two solid hours in before it was late.

I would clean out my forge and look for good pieces of coke. Then I would take some wood shavings and kindling, light it, and add the coke around it. Once the flames are going well I'll turn up the blower and after a minute or two of that I would start to put my remaining coke around the edge of the fire, and begin moving raw coal to the edge and turning it into coke.

Coal Fire Management continued,

I'll pull my piece out, hammer away for a bit, then slide it right back where it was. Wait a minute or two, maybe take a sip of water while my electric blower does the work, and then pull the piece out. As the fire burns I'll keep adding coal to the edges and bringing coke into the fire itself, but otherwise I'm not doing much maintenance. Maybe every once in a while I'll look for clinkers or use the ash dump. After an hour or so of this, my fire isn't doing great. I'm lucky if I get a dull red heat every time I pull the piece out. If I want it hotter, I have to jab it down deeper into the fire instead of laying it flat. This sure does get them hotter; this is when they might start to burn. Maybe I crank up the blower higher, but this too begins to diminish in returns. I'm not getting the big clean clumps of coke I used to, and sometimes it's even a struggle to get the fire to grow.

But, it's now getting late, so it doesn't matter. I turn everything off, stop forging, and do other things while I wait to ensure it's all safe and cold before I call it a night. The next time, I go through the same process of cleaning up. The big chunks of clinker at the bottom are easy to find. My fire burns well for a while, but by the end of my forging session it's back to the same dull, smoky, dirty fire.

That's not how I manage my fire anymore. Before we talk about the right way to do it, let's figure out what's going on when we do it the wrong way.

When we put a piece in the fire, we want a clean, hot heat. The ideal would be something akin to a Bunsen burner in a laboratory; a pure flame with no byproducts or contamination. And we CAN get something like that out of our dirty chunks of coal. In the beginning of the fire, those big pieces of coke I put in to get it started, they burn pretty clean and hot. As I start to bring in more coal and turn it into coke, that starts to change. Two factors are happening. First, the coke and coal is breaking down into smaller pieces. These smaller pieces fall down and pack themselves together more tightly than bigger pieces do, so they slowly start to block airflow from your tuyere. Second, as I bring in more coal and it turns to coke, I'm also generating slag and clinker.

In small quantities, this stuff isn't too big a deal. It's not great, but it's one of those unavoidable byproducts of burning coal. When that raw coal starts to emit blue and green sulfurish smoke, it's also emitting hot pieces of solid contaminants into the fire as well. They trickle to the bottom and stay hot, and they somehow find each other. Just like the small pieces of coke do, these ever growing chunks of slag block the airflow. Even worse, they contaminate it. The clinker literally sucks the heat out of your fire, so even though you may add more fuel and crank the air more, you don't see the same heat you used to. Your piece builds up more scale and takes more work to clean up when you're done. Not to mention how much harder it is to forge when the iron doesn't get hot!

Those big pieces of clinker might be easy to find, but that's the only upside. In reality they are a sign that the fire isn't being cleaned or managed well enough. Take a look at some of the behemoths we find at green coal during a meet; they didn't magically appear after a single shovelful of coal. Small bits of slag began to fall down and congeal together over time, leading to a solid plug of glass at the bottom of the firepot. No wonder the fire burns better when that stuff is taken out.

Coal Fire Management continued,

What did I do differently, and what did I learn?

The fire needs maintenance every heat. Normally this is as simple as fluffing it up a little before returning your piece to the heat. Reach into the bottom of the fire pot with the poker and, with a lifting motion, pull the fire up and let the pieces re settle. Then slide your piece in, horizontally, and let it heat back up.

The ideal speed to turn your hand crank is between 30 and 60 rpm. It doesn't take much effort, and if it does seem to require a strong stream of air to keep your fire hot, then it's time for more cleaning.

As your fire burns, every 3rd or 4th heat you should twist the clinker breaker a few times and open the ash dump as many times as needed until it comes clean. This may result in hot embers and even unburned fuel to spill out, but it's also dumping out all of those small pieces of clinker you can't see yet.

To add fuel, start by adding raw coal to the edges of the fire. If your forge allows it, the base of the chimney is a great spot. The hot air from the fire will blow over the raw coal, turning it to coke faster.

Raw coal is small, black, and shiny. When you begin to heat it, it'll smoke up and turn to coke. Coke is puffy and lightweight, and burns without smoke. As the fire consumes fuel, you need a steady flow of new fuel. That means you will be adding raw coal to the edge, moving coke into the fire, and emptying the ashes out regularly.

This is another reason not to add any more air than you need, because the more fuel you burn the more you have to add.

If you are proactive about maintaining your fire, you will fix problems before they become noticeable. You will find that it only takes a little airflow to keep things white hot, and you aren't getting as much scale as you used to.

Once you are comfortable with the basics of fire management, here are a few other things I learned. First and foremost is the importance of keeping things flat in the fire. Make sure if you are working on a piece like a hook or a leaf, that the thin part is up out of the fire.

You can take this a step further, too. Now that you've got this clean, consistent fire, you can control the heat in your metal much more.

To get an even heat, be patient and let the piece soak in the fire. Let's say you've got a small fire, which creates a small heat, but you want to work a larger section of the piece. If you stop adding air to the fire and let it sit for a minute in the hot coals, that large heat will spread out, and try to equalize itself. For bending this is invaluable; you can heat up the section you want to just shy of yellow, then stop the blower and just step back for a few seconds. The piece won't burn, and instead you'll end up with a very even orange heat that bends smoothly.

Another great tip to prevent overheating a piece. You need fuel on both sides of the piece to burn it. If you bury your metal in the coals and crank away, that's risky! So for a small piece, use your poker and scrape coals away so there is nothing on top of your piece. Let the metal sit atop the coals, and it's just about impossible to overheat it.

Coal Fire Management continued,

The most advanced use of your fire comes when you want to forge weld. Forge welding requires that the smith control both the heat and the atmosphere of the fire within pretty tight guidelines, and doing it on two separate pieces.

So far I have covered controlling the heat, so let's talk a little more about atmosphere. The coal needs oxygen to burn, but too much oxygen joins with our steel and creates scale. But if we stop adding air, then the fire stops getting hotter, so how do we control that?

More fuel is the answer, ideally in a deeper fire. When I forge weld, I start by getting a good clean fire going, and I create a depression or hollow. I want to be able to see the piece as it heats up. I also want all the hot fuel underneath my work to consume all of the oxygen before it can get to the steel.

Since it's impossible to create a 100% oxygen free environment, you'll still get scale on your work. The secret to getting easy forge welds is watch your piece until it heats up enough, pull it out and brush it, flux it, then put it back in immediately and stop adding air. There will be enough residual heat left in the fire, and the piece will be so close to forge welding temperatures that you probably won't have to crank at all, and it will heat back up in a few seconds.

How do you know if it's hot enough? There are three ways I determine if I'm at forge welding temperature. The most difficult in a coal fire, is to watch the surface of the metal. When you reach the right temperature the steel becomes wet and glossy looking. This is much easier to do in a propane forge. In a coal forge, it's easier to look for the right color. It just so happens, hot burning coke is the right color! So once your piece disappears into the fire and you can't tell the difference between the hot steel and the burning fuel, you're very close to the right temperature. And finally, as soon as you start to see sparks, you're at the upper end of the forge welding temps. You can forge weld metal that has just started to spark, that's just barely white hot, but it's a sign that you went a little past the ideal heat.

If you have good control over your fire, you don't even need flux. Flux simply keeps scale from building up on the piece while it's heated, and I've been able to forge weld without flux using the technique I described above. Get the steel up to temperature, brush off the scale, and put it back in a fire with no airflow and things tend to stick!

The tools we use as smiths are all full of extra capabilities, and require skill and experience to learn how to use. The way I use my anvil now is very different than it was when I started out. The fire is just as subtle and complex a tool, and the better you can manage it, the better off you'll be. The coal fire may take more skill than a propane fire, but in exchange you get more control over the size and temperature of your fire. Propane forges have a hot zone of a specific size and generally uniform temperature. A coal forge allows you to vary the size and heat which makes it flexible. I can create small red heats for bending, or heat a large and irregularly shaped object which would never fit through the doors of any practical propane forge.

The biggest hurdle for me was remembering how dynamic a coal fire is. A propane forge is set and forget; as long as you have pressure left in the tank, the fire burns the same way the whole time. A coal fire is changing every minute, and you as the smith have direct control over every single variable. Don't leave it to chance; decide what you want from the fire.

This article is re-printed courtesy of the New England Blacksmiths Newsletter, Summer 2018

The Japanese Box Bellows by Taffy Case

My favorite place to forge is in the public. My shop is nasty. When my chimney draws well, I still get black boogers when I blow my nose. If I'm going to inhale this not-so-pleasant fumes, I'd rather be doing a demonstration for free in the public. The biggest "charge" is watching the face of a youngster seeing blacksmithing up front and real.

My nephew's wife has been working with NEHA (New England Hemophilia Association) for over ten years. She asked me if I could do a demonstration for a summertime gathering af NEHA at Geneva Point on Lake Winnepesaukee. Bleeding disorders have very little to do with blacksmithing, but the best theme of the weekend



is "Renaissance". An Extension of the Middle Ages. Sure! I can make something that can cause exsanguination (bleeding out). OK, it's not a teaching station but just for entertainment.

I had sold my crank blower and I wanted to build a traditional bellows (in the shape of a teardrop). Then I remembered I haven't had successful demos in the past using the traditional bellows. Too much work and not enough heat. Then I came across the Japanese type box bellows. Thank you YouTube. The air blast looked impressive.

I'm a novice woodworker but I think with enough wood putty, I think I can make this forceful blower that is portable. The plans make sense as far as I can see. The materials are basically plywood,



leather and a piece of $\frac{3}{4}$ " pipe. I bought a $\frac{3}{4}$ " boring bit and everything else was in the neighborhood of my shop.

The box was a 2'X 1'X 1' tool box I had done as an experiment on dovetailing. The valves are just rectangles of leather that I stapled to the appropriate positions of the rectangular intake and exhaust locations. Making the thing airtight is still a challenge. Every time I figure how to make a better seal, the bellows get more and more efficient.

I asked the fourth-grade teacher in the elementary school that I work at if I might demonstrate the bellows for elementary science. She said if I could present it in a physiological perspective, that would work best. I'm not a master of cardiology, but negative pressures, positive pressures, valves and chambers might make the cardiac system a great teaching opportunity for my box bellows.



This article is re-printed courtesy of the New England Blacksmiths Newsletter, Summer 2018

Summer 2018

New England Blacksmiths

Saltfork Craftsmen Artist-Blacksmith Association

Making BIG Pine Cones

David Bridenbaugh

My pine cone obsession continues unabated. I hope everyone read the article on making pine cones in the March 2018 issue of the *Anvil's Horn* and made one. I have made more than twenty and used them on bookends, a table, and given them away as gifts. I wanted to try making some big ones. I didn't want it to be too heavy, so 14 gauge steel was used. The 14 gauge steel is thin enough it can be shaped cold. The small pine cones used rosettes (the individual pieces) with 6 petals each. I thought I could enlarge each rosette to get a big pine cone. It didn't look right with 6 petals. The large pine cones needed 8 petals on each rosette.

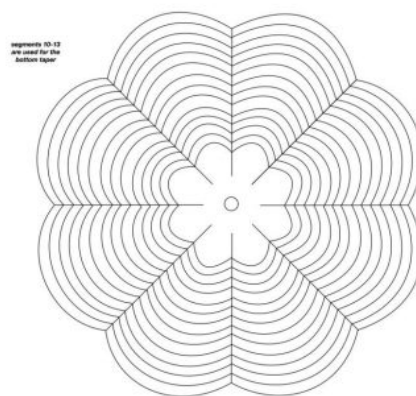
The photographs show two hardy tools used to shape the individual petals. One of the tools is used for the small rosettes and was made by grinding a notch in a block of steel. The other is a pie shaped piece of 1/4 inch steel that was curved using a swage block. A couple pieces of rebar support the outer edges. This was used for the larger rosettes.

The patterns for the rosettes are shown in the photograph. The smallest rosette is 2 1/4 inches

diameter and the largest is 7 inches. There are 14 different sizes. The four pieces leading up to the largest size are repeated for the bottom taper, so you will have 18 pieces total. A bandsaw was used to cut them out, but the blade was too wide to follow the curve. I had to nibble away at it then use a grinder to smooth the curve and round off the sharp corners on each petal.

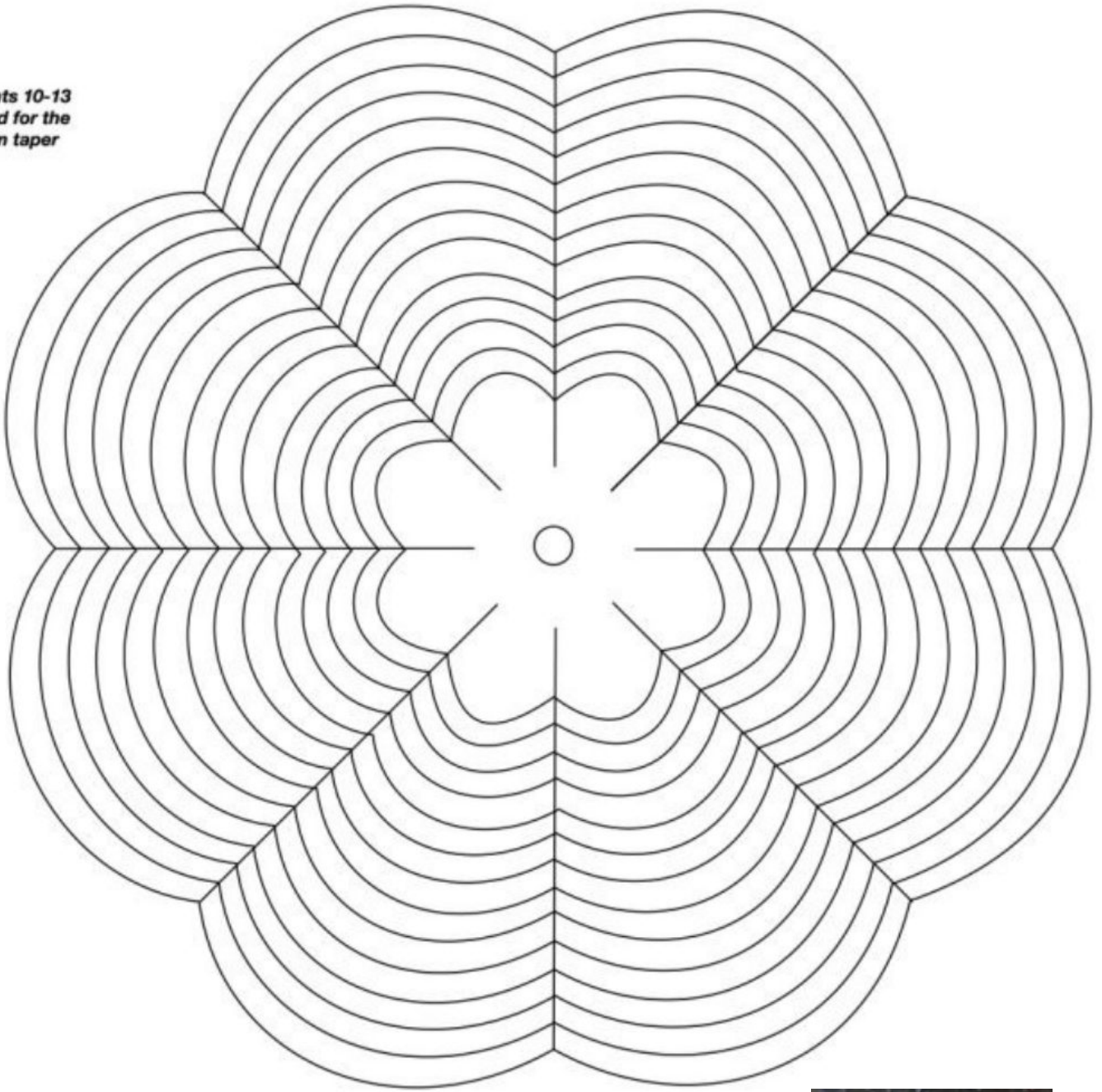
One of the finished pieces is shown below. They have a 1/4 inch hole for the stem. Line them up on a 1/4 rod and mig weld each piece individually. Allow extra length for the stem until everything is mig welded together. Trim to 3 inches and add some dots of mig weld for texture.

The finishing process starts with soaking in muriatic for at least an hour to remove all the scale. Rinse in water and heat to 200 degrees. Spray with Sculpt Nouveau Japanese Brown patina. Allow to dry and spray with several coats of Sculpt Nouveau Clear Guard Protective lacquer.



Making BIG Pine Cones (Cont.)

segments 10-13
are used for the
bottom taper



This article is re-printed courtesy of the Arizona Artist Blacksmith Association, The Anvil's Horn, Sep. 2018

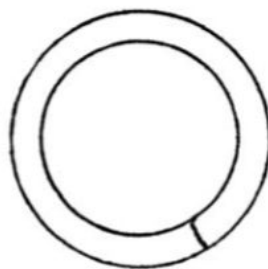


The Dirty Dog Tavern Puzzle

Project drawings and write up by Steve Anderson,
A MABA member

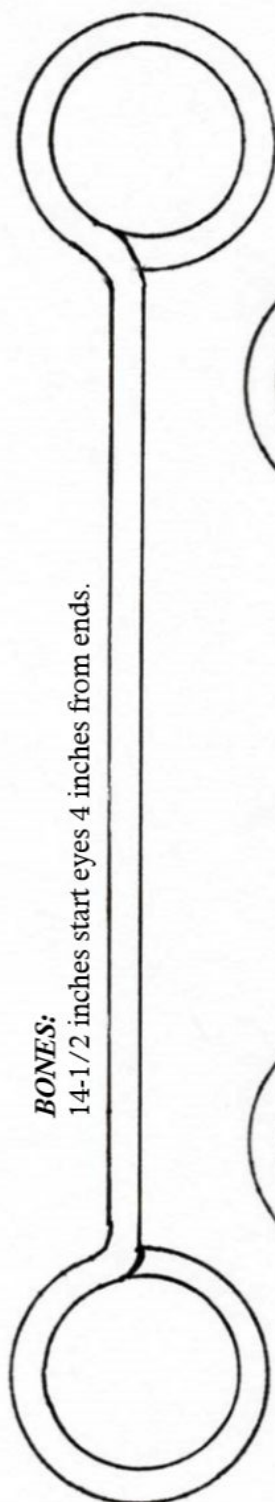
These are my dimensions and
method to make this old
puzzle.

All parts are made from
1/4 inch round stock.
Pattern pieces are full size.



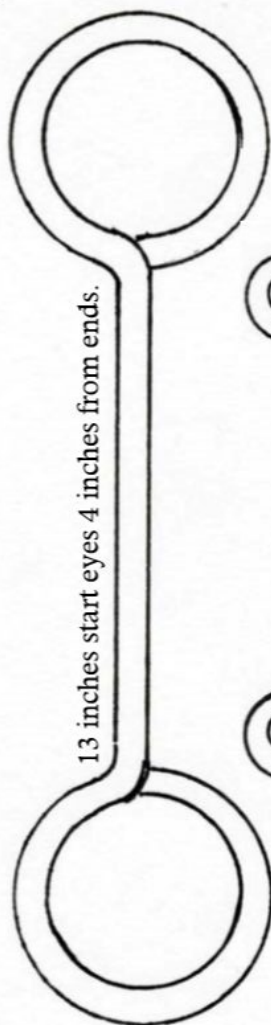
RINGS:

Wrap 1/4 inches stock around
1" (ID) pipe, and cut with
hacksaw. Flatten and close rings.
Make 5.



BONES:

14-1/2 inches start eyes 4 inches from ends.

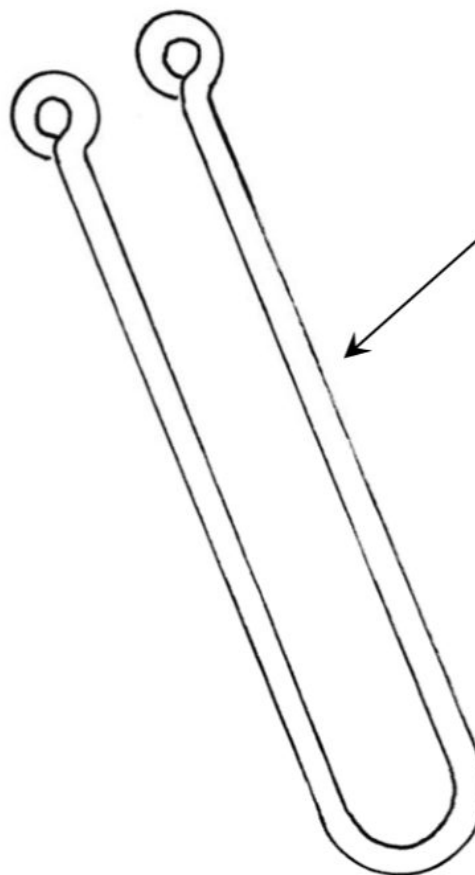


13 inches start eyes 4 inches from ends.



7-1/2 inches start eyes 2-1/4 inches from ends.

Make 1 each size.



KEEPER:

17-1/2 inches start eyes 2-1/4 inches
from ends.
Eyes 90 degrees to loop, 1/2 inches
apart.
Make 1.





Cutting stock to make rings.

ASSEMBLY:

Use a Crescent wrench to open and close the rings held in a vise and assemble all the parts cold.



FINISH:

Hot wax or wire wheel. Apply Penetrol and three coats of wax.

THE PUZZLE:

This puzzle requires two operations to remove the keeper and also to replace it.

Blacksmiths are excellent thinkers and problem solvers. If you find this puzzle difficult, you probably are not spending enough time in your shop.

This article is re-printed courtesy of the Michigan Artist-Blacksmith Association, The Upsetter Newsletter, Jul-Aug 2018





Plant Hanger or Trellis

*Demonstration by Mike Gordier, a MABA member
Pictures & write-up by Steven Spoerre*

Cross members can easily be added to make a trellis.

Mike had an assembled plant hanger available for everyone to see how all the parts went together.

The two upper side elements were forged first – Mike took a piece of 1/4 x 1 x 48 inch flat and drew a 3-1/2 inch point on one end.



Using an adjustable bending jig, the point was positioned to a mark on the jig and the tip formed around one of the posts.



After another heat was taken, the piece was slipped back over the post and was then bent all the way around the other post.

One complete twist would be added to both elements before the next step.



A 90 degree curve was needed at the top, so a jig with a stop and a mark was used to make the bend (the stop is behind the locking pliers in the picture). The same process was done to the second piece, then they were compared to each other and adjusted so they matched.

The top is made from a piece of 3/16 x 3/4 x 28 inch flat and required 2 jigs.



A ribbon taper was put on both ends, then the ends were scrolled.



The second jig was used to form the curve/crown between the two scrolled ends.



This article is re-printed courtesy of the Michigan Artist-Blacksmith Association, The Upsetter Newsletter, Jul-Aug 2018



After forming, any twisting was corrected and the whole piece was adjusted for flatness.



The hook was made from 4-1/2 inches of 5/16 round. One end was headed so it could swivel in its hole, and a round taper was

drawn out on the other. A gently curved hook was formed so it would easily thread through the top hole.



The legs are made from two pieces of 1/4 x 1 x 33 inch flat. Points were forged on one end and a small fishtail on the other.

Mike forged a slight curve after the scroll so it would pull away from the piece next to it, giving the long straight legs some visual interest.

The five parts are held together with 8 rivets, and a 9th hole is placed at top center for the hook.

Blacksmith Demonstrator Opportunity at Oklahoma Antique Tractor Association Wagoner Annual Fall Festival Show October 5th and 6th

Blacksmith Demonstrator Needed:

The Oklahoma Antique Tractor Association is looking for a blacksmith demonstrator for their Wagoner show.

For more information call Dorothy at 918-284-3236.

<http://www.oata116.com/>



SCABA Shop and Swap

****NEW****

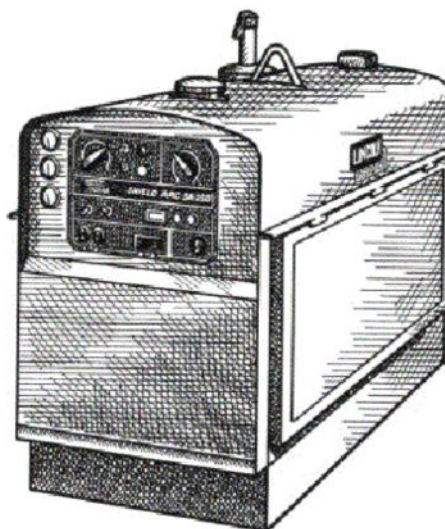
For Sale:

"Full Size" Lincoln Shield Arc SA 250 welder.
Low hours. (No photos available.)

Seller's son recently passed away. He bought for pipeline work but became an inspector and ended up not using it much. Currently sitting on bed of old truck but can load out on yours.

Asking price is \$3,500.

Contact Charlotte Hutchins at 918-738-4365.
Please leave a message if no answer.



SCABA Shop and Swap

For Sale: (All Items by Jim White. See Page 46 for Contact Info)

25 Lb Little Giant Power Hammer: Like NEW completely rebuilt old style hammer with 110V single phase motor.

50 Lb Little Giant Power Hammer: Old Style. In the Rebuilding process. Will sell as is or will finish.

Leg Vice Screws: NEW 1" ACME threads and boxings for leg vices.

Leg Vice Springs: Short - \$25, Long - \$30.



Rivet Forge (portable): 8" Champion hand-crank blower. Has wind break, tong rack, steady rest and ash dump.



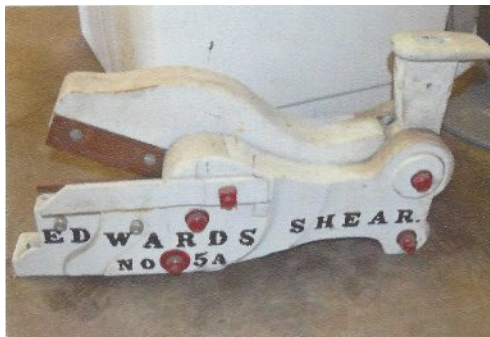
110V Shop Forge Blower: 14" Western Chief, 3" Pipe Connection, 30" square table and stand. Has tong or hammer racks each side/top use a table. (Forge Blower on top extra)



Shop Forge: 32" wide x 40" long. Tong rack, ash dump, steady rest, water trough, hood with 10" stovepipe outlet.



Factory Shop Pedestal Grinder: 1 1/2" arbor, Grinding Stones, no motor but has mounting bracket.



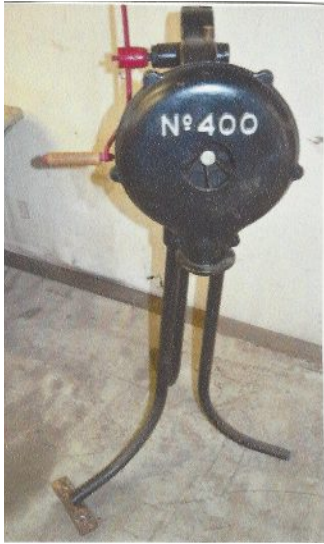
Edwards No. 5A Hand Shear: 1/2" x 4" capacity. All NEW bolts and cutting blades.



Oster Power Threader-Pipe Vice: Jigs for making rings or bands, 1-2 3/4" O.D., 1-5" O.D., 1-9 3/4" O.D., 1-10" O.D., 1-16" O.D., 1-20" O.D., Will twist 5/8" square solid bar cold.

SCABA Shop and Swap

Continued:



**No. "400" Champion
12" Forge Blower:** With
pipe legs.



**Champion Midway
Spiral Gear 12" Forge
Blower.**



**Canedy-Otto Royal
Western Chief 12"
Forge Blower.**



**Clark Drill Press
w/Stand:** Ajustable chuck
0" to 1/2" capacity.
Adjustable Table.



Large Johnson Gas Forge: Natural or
L.P., Has 2, 3 or 4 fire burners. Fire box
12" x 30", Has L.P. Regulator and
Connections, (New Fire Cement)



Heavy Duty Welding Table:
With 4 1/4" leg vice. Top is 3/4"
plate, 31 1/2" round. Table is
36" tall. Will Sell with Vice or
Without. (Blower and Bracket
already sold)

Continued...

SCABA Shop and Swap

Line Shaft also has an Overhead 4-Blade Fan that Runs when Line Shaft is in Operation. (Not Pictured)



Line Shaft with Pullies and Brackets. (From Previous Location in Mansfield, TX.) Champion 201 Drill Press with Back Gears, Automatic Feed, Adjustable Table, Bunch of H.S. Drill Bits.



Working Line Shaft:

All set up and working in my shop. Will sell all or part.

Working Shop Line Shaft: With mounting brackets (Fresh babbit bearings), flat belts and five flat belt pulleys. Has original oil cups.

Champion No. 201 Post Drill: Large drill with working back gears, auto feed, adjustable table, Jacobs No. 35 chuck (0" to 5/8" capacity).

Pedestal Grinder: Champion with 10" wire wheel, 2" x 10" grinding stone, 1" arbor.

Power Hammer: 40 Lb "Perfect" brand power hammer.

Extra Belts: Box of extra flat belts, boxes of alligator splicings.

SCABA Shop and Swap

Continued...

Plow Share Business for Sale: If you are a plow blacksmith, I have a good plow business for sale. All established. I have inventory of parts and plow steels and can show you how to do it. Business is from all over. Part time income.

All that's listed is shop-ready to use. Cleaned up, painted and detailed with all handles, etc. Made to use and last 100 years if maintained and taken care of!

I can deliver to you. Call me to work out details.



Ole Village Blacksmith

Have Anvil Will Travel

JIM WHITE

Artistic & Agricultural

P.O. Box 171
Richmond, KS 66080

817-329-5297

jimsvillageblacksmith@gmail.com

For Sale: I have these items for sale from my grandfather's blacksmith shop and wondered if anyone in your organization would be interested? The blower works but the quenching bowl has a hole in it. Please contact me with any questions. I live in Tulsa and my phone is 918-740-7292. Marvelousmarla@outlook.com



For Sale: I have numerous old tools and collectible items of various kinds including blacksmith related tools and equipment. Too many tools to list them all. Inventory is always changing.

Contact: Craig Guy (SCABA Member), Piedmont, OK

Cell Phone: 405-630-7769 (Call or Text)

SCABA Shop and Swap

Bill Davis Forge Welded Tomahawk DVD

This DVD is now available to members for a minimal cost (cost of DVD's is minimal to cover reproduction and shipping if applicable.) Contact the SCABA Librarian, Don Garner, if you would like to get a copy of this DVD.

Don Garner: 580-302-1845

(Call or Text. If you get voice mail, Please leave a message.)



For Sale:

Tire Hammer Plans by Clay Spencer

Send a check or money order for \$30 US to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670-7013. Or send \$32 US to Paypal.Me/ClaySpencer. E-mail me at clay@otelco.net. PDFs will be e-mailed outside US. Phone 256-558-3658

Beverly shear blades sharpened

Remove your blades and send in USPS small flat rate box with check for \$41 US to 73 Penniston Pvt. Drive, Somerville, AL 35670-7103.

SCABA Embroidery Available

Saltfork member Larry Roderick has setup a source for SCABA logo embroidery on shirts or embroidery compatible items. Larry presented an embroidered tan Wrangler western shirt at the recent Board of Directors meeting and the quality of the embroidery is excellent. The design is based on the new SCABA T-shirt design on the back with the classic SCABA logo above the front left pocket. Your name can also be put on the right side opposite from the logo if you would like.



If you would like an embroidered shirt or other item, find an item that fits you properly and mail it to Larry.

Compatible items must be flat. Pleats cannot be embroidered. The cost for the embroidery applied to your item is \$80 each including return shipping and handling. Heavy coats might add a few dollars more for shipping.

Mail to: Larry Roderick
500 S. FM 369
Burkburnett, TX 76354



If you have questions, contact Larry at 940-237-2814 or roderickwaterwells@gmail.com

(Photos by LaQuitta Greteman)

SCABA Shop and Swap

SCABA Library DVD's Available:

This is a partial list of the DVD titles available to members from the SCABA Library. Contact the Librarian (Don Garner) if you would like to obtain a copy of any listed title or if you have questions on any other titles that may be available. Additional titles are listed on the website. DVD's are available for a very minimal cost to offset the blank disc and cases or sleeves. Shipping cost applies if you need these delivered by mail.

- Robb Gunter Basic Blacksmithing parts 1,2,3 and the controlled hand forging series
- Clay Spencer SCABA conf.2013 pts. 1,2 and 3
- Jerry Darnell 18th century lighting, door latches and hinges
- Brent Baily SCABA conf. 2011
- Mark Aspery SCABA conf. 2011
- Robb Gunter SCABA conf. 1998
- Robb, Brad and Chad Gunter 2009 joinery, forging, repousse, scrollwork, etc.
- Bill Bastas SCABA 2002 pts. 1 - 6
- Jim Keith SCABA conf.2007
- Power hammer forging with Clifton Ralph pts. 1 - 5
- Doug Merkel SCABA 2001
- Bob Alexander SCABA 2008
- A. Finn SCABA 2008
- Bob Patrick SCABA 2004
- Gordon Williams SCABA 2010
- Daryl Nelson SCABA 2010
- Jim and Kathleen Poor SCABA 2001
- Ed and Brian Brazeal SCABA 2006
- Ray Kirk Knives SCABA 2002
- Frank Turley SCABA 1997
- Frank Turley SCABA 2003
- Bill Epps SCABA 2003
- M. Hamburger SCABA 2007

Librarian: Don Garner 580-302-1845 (Cell)

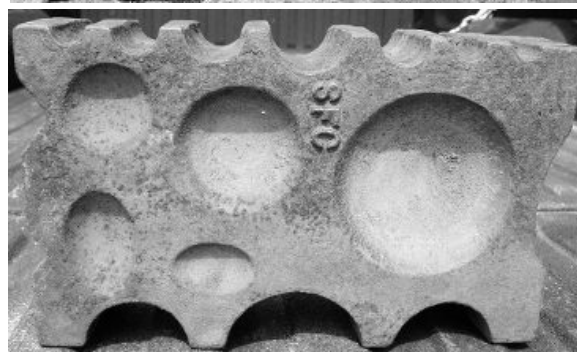
Call or Text. If you get voice mail, please leave a message.

Have an Item for Sale? Item Wanted?

If you have any items that are appropriate for Blacksmiths that you would like to list in the Swap and Swap section (or items you are looking for), please send me your description, contact info, and any photos that you have.

SCABA Swage Blocks

\$200.00 plus shipping.
(Same price to members and non-members.)



SCABA Floor Cones

\$200.00 plus shipping.

(Same price to members and non-members.)

To order swage blocks or cones, contact our distributor:

Nolan Walker at Nature Farms Farrier Supply in Norman, OK.

405-307-8031 or

800-460-6759.



SCABA Shop and Swap

Club Coal:

Saltfork Craftsmen has coal for sale. Coal is in 1-2" size pieces. The coal is \$140.00/ton or .07 /pound to members.

No sales to non-members.

NW Region coal pile located in Douglas, OK.

If you make arrangements well in advance, Tom Nelson can load your truck or trailer with his skid steer loader for a fee of \$10 to be paid directly to Tom. Tom has moved his skid steer and must now haul the loader to the coal pile to load you out, hence the \$10 charge. You may opt to load your own coal without using Tom's loader. The coal can be weighed out at the Douglas Coop Elevator scales. Contact Tom Nelson (580-862-7691) to make arrangements to pick up a load. Do not call Tom after 9 PM!! Bring your own containers and shovels. Payment for the coal (\$.07 per pound) should be made directly to the Saltfork Treasurer.

NW Region Coal Pile in Thomas:

Don Garner now has a new pile of club coal available for sales to SCABA members. The shop is at 23713 E 860 Rd in Thomas, OK. (One mile west, then one mile north of Thomas.) Contact Don at 580-302-1845 (Cell Phone) to arrange details for purchases.

NE Region coal location: Charlie McGee

has coal to sell. He lives in the Skiatook, Oklahoma area. His contact information is: (Home) 918-245-7279 or (Cell) 918-639-8779

Please text his cell phone number if you would like to make arrangements to get coal.

S/C region coal location: Club coal is now available at Norman at Byron Donor's place. Call Byron to make arrangements to come by and get coal.

For Sale:

24"(wide) x 1"(thick) Ceramic fiber blanket (similar to Kao-wool) \$1.00 per inch of length. Twisted solid cable 1/2" diameter \$2.00 per ft.

Contact Larry Roderick at 940-237-2814

Show Your Pride in SCABA!

License plates - \$5.00 each.

Ball Caps - \$10.00 each.

We also have coffee cups.

We still have some of the old SCABA t-shirts available while the supplies last. They are a gray pocket "T" with the SCABA logo on the pocket. Contact Josh Perkins for information.



Wanted:

Advertising Coal Hammers, Contact Mike George at 1-580-327-5235 or Mike-Marideth@sbcglobal.net

Have an Item for Sale? Item Wanted?

If you have any items that are appropriate for Blacksmiths that you would like to list in the Swap and Swap section (or items you are looking for), please send me your description, contact info, and any photos that you have.

SCABA T-Shirts

SCABA T-shirts and long sleeve denim shirts: Each shirt has the main design on the back with the SCABA logo on the front pocket. T-shirts are available in black and gray. Denim shirts are \$25 and T-shirts are \$15 (plus shipping if applicable.) If you would like to purchase shirts, contact Josh Perkins (918) 269-3523.



SCABA Membership Application

January 1, 2018 to March 31, 2019

New Member _____

Membership Renewal _____

Please accept my application

Date: _____

First Name _____ Last Name _____

Married? ☐ Yes ☐ No Spouses Name _____

Address _____

City _____ State _____ Zip _____

Home Phone (____) _____ Work Phone (____) _____

E-mail _____ ABANA Member? ☐ Yes ☐ No

I have enclosed \$30.00 for dues for the period ending March 31, 2019

Signed: _____

Return to: Saltfork Craftsmen, P.O. Box 18389, Oklahoma City, Ok. 73154



Saltfork Craftsman Regional Meeting Hosting Form

Region _____ NE _____ SE _____ SW _____ NW

Date: Month _____ day _____ [correct Saturday for region selected above]

Name _____

Address _____

Phone/email _____

Trade item _____

Lunch provided ☐ yes ☐ no

Please provide directions or a map to the meeting location along with this form.

****All meeting are scheduled on a first come basis. Completely filled out form MUST be received by Regional Meeting Coordinator no later than the 15th of the month TWO months PRIOR to the meeting month. Completed forms can be mailed or emailed.**

You will receive a conformation by e-mail or postcard.

A form must be filled out for each meeting.

If you don't receive something from the Regional Meeting Coordinator within 10 days of your sending in your request, call to verify that it was received.

An online form is also available on the website in the top banner of the Calendar Tab:

www.saltforkcraftsmen.org/Calendar.shtm

Saltfork Craftsmen Artist Blacksmith Assoc. Inc.
P.O. Box 18389
Oklahoma City, Ok. 73154

Non Profit Organization
U S Postage Paid
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