



The Line Shaft

The Official Newsletter of the

NORTH JERSEY ANTIQUE ENGINE & MACHINE CLUB

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FOUNDED ON OCTOBER 15, 1979 BY:
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(973) 383-3370

Our next meeting will be on **Thursday, August 5th** at 7:00 PM in the Sussex County Fairgrounds **NJAE&MC Engine Shed.** Come early if you can to help get ready for the Fair.

PLEASE NOTE THAT THE AUGUST MEETING WILL BE A WEEK EARLY BECAUSE OF THE FAIR STARTING BEFORE OUR REGULAR MEETING DATE. This will be the final chance to get the engine shed ready for the Fair. All members planning to have tractors for display at the Fair should bring them in no later than the 5th. If anyone cannot, then they will need to be brought in early on a Fair day, prior to opening to the public. Also, Blace will be looking for people to sign up for work details during Fair week. The State Fair will run from August 6 to 15. This event is by far the most significant one of the year and provides nearly all of the Club's operating income. Members must man the Engine Shed every day during the operating hours of the Fair. Twelve hour days dictate that many Club members will be needed in shifts during the day.

I'm very pleased to announce that the request for a replacement for Club Treasurer Bruce Mitchell has already been answered and we welcome Eric Hayes as the new Club Treasurer. It is so great to have a young member, such as Eric, step up to fill this important position. I don't know about the rest of you, but after hearing about some of Eric's feats of strength during the scrap metal clean-up I'm sure going to pay my next dues right on time! I'm sure all Club members join with me in thanking Bruce for the wonderful job he did during his tenure as Treasurer. I thoroughly enjoyed working with him. Thanks, Bruce!

Our feature article this month highlights the Club participation in the **Sparta 4th of July Parade** complete with beautiful photos of Club members and their tractors (fire engine?), taken by my No.1 parade photographer Luke. As in the Memorial Day Parade, I sat this one out again, setting up my chair in the shade of a nice big tree at the end of the parade route. All told, NJAE&MC members showed up with 9 tractors and one fire engine.

Also in this issue is an informative article on the first farm tractor, a Hart-Parr. Thanks to Bob Triebel for providing us with this fascinating piece of tractor history.

CHECK MAILING LABEL FOR MEMBERSHIP EXPIRATION
(The month listed will be your last newsletter)
Dues are \$15 per year, checks payable to NJAE&MC
Bruce Mitchell at 171 Mt. Salem Rd., Sussex, NJ 07461

Sparta Township 4th of July Parade

The NJAE&MC had a turnout of nine tractors and one fire engine for the **Sparta 4th of July Parade**. The day was quite warm and quite sunny and best spent under a big tree with a cool drink. However, about a dozen Club members braved the weather to thrill Sparta residents with their great old tractors. Leading off the Club's entries was Jim Dunlap, driving a 1930 Ford Model AA Fire Truck, with AnnMarie Adams as a passenger. No doubt Jim's going to need some remedial tractor recognition classes (tractors have big wheels in the back, Jim) but the fire truck did make a striking leader for the Club entries. Following Jim & AnnMarie was Sparta resident Bob Eckes aboard his award winning 1938 John Deere Model A. Next was farmer Ed Scott driving his 1958 J.D. 630, Bill Howell on his 1949 J.D. Model MT, and Josh Will with his 1961 J.D. 2510. Following Josh on his awesome 1947 Case VAC was esteemed Club President Blace Flatt, and then Kevin Adams on his 1948 Ford 8N "working tractor". Blace was almost a no-show when his Case conked out while leaving the tractor load/unload parking lot. Being the master at starting engines, however, Blace was able to quickly find the problem, fire up his tractor, and drive to our club staging area before the start of the parade. Behind Kevin was Sam Milens on the Milens' outstanding 1957 Ford 841, pulling the Club's hay wagon, followed by his dad Doug on his 1945 Ford 2N. Holding up the rear in grand style was Bruce Mitchell and granddaughter Sareena, both with big smiles atop Bruce's stunning Minneapolis-Moline 335. Being the loving granddad that he is, I wonder how long it will be 'till we see Sareena tooling down the parade route on the M-M and Bruce sitting under the tree with me.

Well, enjoy Luke's photos of the club members and their tractors and fire engine. You may notice that Luke took the photos before the Club tractors were cranking down the road. We're always at the end of the line and, like a big long snake, the head moves and the tail sits and waits. Luke usually runs along side and photographs the tractors as they're rolling, then jumps on the hay wagon on the run. I guess he's getting lazy... or bored...or just doesn't want to listen to his father anymore. It looks like I'll need to have a "word" with him!





The First Farm “Tractor”



Hart-Parr

In 1902 Hart-Parr became the first “commercially successful” manufacturer of “production-run” internal combustion powered traction engines. Previously “one-offs” had been built or converted from steam traction engines by other manufacturers. Their gasoline fueled engine was a Hart-Parr designed and built “hit and miss” engine; included oil cooling (the structure on the front of the pictured traction engine is an oil cooling tower), a force fed lubrication system, overhead cam with valves-in-head, magneto ignition and a vaporizing (Benz-Csonka-Banki styled) carburetor.

Incorporated in the late 1890’s in Madison, Wisconsin as engine builders, Hart-Parr’s factory in Charles City, Iowa was opened in 1902 and used exclusively to build traction engines. This was their principle business and not just a side-line, as with most manufacturers of the period.

In 1907 their sales manager, W.H. William, shortened the name traction engine to “tractor” to differentiate the gas powered machines from their steam powered cousins and in 1912, as they began to build smaller tractors, changed the name to “farm tractor”. The industry followed in each instance.

In 1929 Hart-Parr, the Oliver Chilled Plow Co., the Nichols & Shepard Co. and the American Seeding Co. merged to form the Oliver Farm Equipment Co.

The above picture is the Hart-Parr No. 3, serial number 1207...one of 40 manufactured in 1903. Old No. 3 was refurbished in 2003 for its centennial year birthday. The traction engine is a 17/30...rated at 17 drawbar and 30 belt horsepower with a 9” bore and 13” stroke horizontal 2 cylinder engine. The tractor is owned by the *Smithsonian Institute* and was brought back to life thru the efforts of the *Hart-Parr-Oliver Collectors Association* and the *I&I (Illinois and Indiana) Antique Tractor and Gas Engine Club* in 2003. The 1903 No. 3 is the oldest “operational” tractor in the world and is housed at the I&I Show Grounds and Museum in Penfield, Illinois.

LOCAL EVENTS & SHOWS

SUSSEX CO. FARM & HORSE SHOW (NJ STATE FAIR)

Sussex County Fairgrounds, Augusta, NJ

August 6-15, 2010

<http://www.newjerseystatefair.org/>

BLUE MT. ANTIQUE GAS & STEAM ENGINE ASSOCIATION

Jacktown Grove, Bangor, PA

October 16 & 17, 2010

Fall Harvest & Sawmill Show

Free admission and parking. For more

information 610-588-6900 www.jacktown.com

ROUGH AND TUMBLE

Engineers Historical Society

US Route 30, Lancaster PA

http://www.roughandtumble.org/rt_visit_sched.asp

August 18-21, 2010

Annual Thresherman's Reunion

October 8 & 9, 2010 A Time of Harvest

EARLY AMERICAN STEAM ENGINE SOCIETY

Windsor, PA www.steamoramapa.com

Sep 30, Oct 1, 2, 3, 2010

53rd Annual Steam-O-Rama

LONG ISLAND ANTIQUE POWER ASSOCIATION

Hallockville Farm & Museum, Jamesport, NY

www.liapa.com

September 18 & 19, 2010

Hallockville Fall Festival

HUDSON VALLEY OLD TIME POWER ASSN., INC

Hudson, NY www.northernduchess.com

1st Weekend of October, 2010

Old Time Days

AYERS/KNUTH FARM FESTIVAL

Cooper Road, Denville, NJ

September 18th, 2010,

with 19th as rain day option

Contact Howard Squire 973 886-1872 or e-mail

Howardsquire@aol.com for information.

MARKETPLACE

FOR SALE: 1952 Massey Harris Pony. Great running little tractor with dual hydraulics (front and rear). New rubber all the way around. Has belly mower, York rake, snow/dirt plow with homemade pallet forks that hook over plow blade. Selling due to illness. \$2200.00

(Will deliver for price of fuel up to 100 miles ea. way.)

CONTACT: Joe Cook, 66 Central School Road, Wantage, NJ 07461

Phone: 973-973-875-9733 E-Mail: joe.ignitor@gmail.com

FOR SALE: FATSO 2 burner wood/coal stove. Mfg. by the King Stove and Range Co. Sheffield, AL Model 200; A nice little cast iron stove to heat your basement, garage or shed! \$225.00

CONTACT: Joe Cook, 66 Central School Road, Wantage, NJ 07461

Phone: 973-973-875-9733 E-Mail: joe.ignitor@gmail.com

WANTED: Backhoes-Compact Tractors-Mini Excavators-Skid Steer Loaders-Cletrac & Oliver Crawlers-Farm Tractors-Small Dozers... in any condition. **"Top \$ Paid"**

CONTACT: Robert Norman, 845-858-8242

WANTED: 3-Point hitch conversion for Farmall "H"

CONTACT: Rich Magera, 973-948-6625

FOR SALE: Used pull style disc- needs repair. \$40

CONTACT: Jeff Brooks, 973-383-3370

FOR SALE: Steam bent ash hardwood walking plow handles; high quality straight grain. \$30 per pair.

CONTACT: Bruce Mitchell, 973-702-1012

FOR SALE: Premier Designs jewelry or host jewelry trunk show. Donations to NJAE&MC from sales.

CONTACT: AnnMarie Adams, 973-946-1726,

AnnMarieBAdams@aol.com

WANTED: Old, odd or unusual spark plugs wanted by collector. Will buy or trade.

CONTACT: Joe Cook, 66 Central School Road, Wantage, NJ 07461

Phone: 973-973-875-9733

E-Mail: joe.ignitor@gmail.com

NOTE: To add or remove ads from "Marketplace" contact your editor by e-mail or phone.

