

LOCAL

CRANK

From 1B half," he said. He went as far as New York to find parts for it.

Finding parts are sometimes impossible. Tommy Berry said many of the members help each other restore equipment by trading off work.

"I'm not a wood worker," he noted, "so I might get someone to do the wood working on one of my tractors, and I'll do his metal working."

Medford says he's been restoring antique engines for so long that he's developed a connection with people all over the country. "The internet has been a boom in terms of parts," he said. "But a lot of the parts you just can't find. You have to make them."

Medford developed his interest in farm engines as a kid, when he lived a lot on his grandparents' farm.

"We were close to water and would power our saw mill with one," he recalled. "I just got hooked on it."

Doug Kelly of Lake Wylie brought two scale models of what he called some of the most unique engines ever designed.

One representation was of a Snow Engine from the 1905-08 era - a 1/16th scale of an engine which was 12 feet in diameter that was used to run a generator for a water plant or pumps for oil well operations.

To his knowledge, there are only three full-size engines in use today, in Florida, Pennsylvania and Wisconsin.

"It's kind of satisfying to see them develop and run," he said of the models.

His second scale model was an "opposed piston engine" which was developed in the 1930s by Youngers of Germany. The full-size engine would have been used in airships.

"I spent my whole (work-

ing) life as a designer of heavy equipment," he noted, "and it's fun to make some of these (scale models) and see them run."

Bill Lankford of Gastonia built a scale model of a Stirling Cycle water pump, which is powered entirely by heat. To the layman, it had the appearance of a small liquor still.

He explained that there were no moving parts fueled by anything other than water.

Full-size versions of the pump are still in use in India, where they are used to remove the hulls from rice.

"These pumps were used to pump water from the Civil War (era) to the 1920s," he noted. They were invented by Robert Stirling, a Catholic priest in 1816.

W.C. Helms of Lincolnton restored a 1914 domestic water pump which was featured in a 2004 calendar in South Carolina. The pump would have been used to pump water from a spring for farm use, he said.

A 1935 Standard Twin walk behind tractor owned by Merlin Hendrickson Sr. and Merlin Hendrickson Jr. attracted a lot of second glances. It is shaped like a huge tiller, but is all-metal and plows to a depth of more than a foot.

Hendrickson Sr. was given the plow in New York over 30 years ago. He refused a \$20 offer for it when he moved from New York and has carried with him during moves to Colorado, North Carolina and South Carolina.

Although it wasn't running Saturday, Hendrickson Sr. said he has operated it in the past to plow his garden.

"It's much better than today's tiller," he said. "You can go a whole lot deeper with it. It's easy to handle because it goes so slow."

A couple of old cars - a 1930 Ford owned by Ralph Cronan and a 1916 T Model

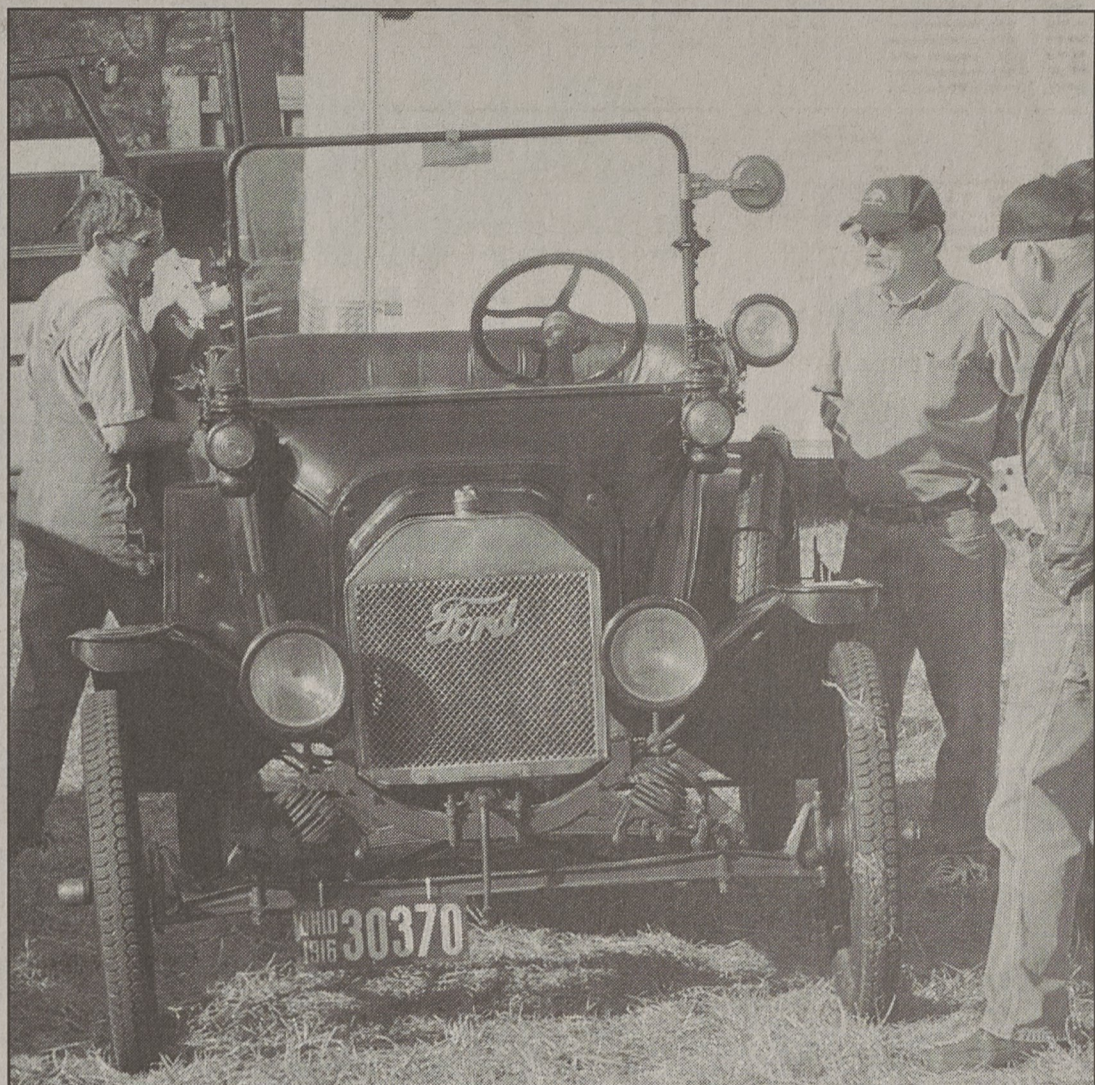
Runabout owned by Mike Royster of Shelby, also were featured at the show.

The oldest operating tractor at the show was Tommy Berry's 1926 John Deere Model D. He has personally restored four tractors and 15 gas engines. He also restored a 1920 Rumely gas engine, which was the predecessor of the Allis Chalmers. Rumely quit making engines around 1931.

There were also some restored gas engines from the 1904-07 era. Tractors ranged from recently-acquired antiques that owners haven't even begun to restore, to others that were fully-restored and so impressive that they would be big prize winners at the most exclusive show in the world.

But, as Tommy Berry noted, this was all in fun. No prizes were given because the show's founders believe everyone is a winner.

"It's not like a big car show where millionaires can afford to buy a restored car, or even one that hasn't been restored and pay someone to restore it," he said. "We look at this like a guy who has an old tractor and restores it himself has as much pride in his tractor as the millionaire has in his car."

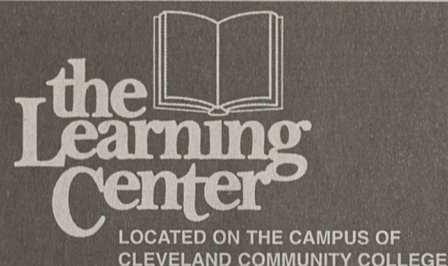


GARY STEWART / HERALD
Mike Royster, left, shows off his 1916 T Model Ford during Saturday's New Years Day Crank Up



Antique tractors, right, and old gas engines, left, fill up one of the pastures on Tom Berry's farm for Saturday's New Year's Day Crank Up.

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| CLASS | SITE | INSTRUCTOR | DAYS | TIME |
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| ABE | Campus - Room 3116 | Haney, R. | MTWTH | 8:00 AM - 1:00 PM |
| ABE | Campus - Room 3112 | Perry, D. | MTWTH | 8:00 AM - 1:00 PM |
| AHS | Campus - Room 3105 | Parker, A. | MTWTH | 8:00 AM - 9:00 PM |
| | | | Friday | 8:00 AM - 4:00 PM |
| GED | Campus - Room 3105 | Parker, A. | MTWTH | 8:00 AM - 9:00 PM |
| | | | Friday | 8:00 AM - 4:00 PM |
| ABE | Campus - Room 3116 | Lovelace, K. | MTWTH | 5:00 PM - 9:00 PM |
| ABE | Campus - Room 3112 | Jenkins, E. | MTWTH | 5:00 PM - 9:00 PM |

CLASSES AT OTHER CLEVELAND COUNTY LOCATIONS

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|---------|---|------------|--------|---|
| ABE/GED | Day Reporting Center 308 Gardner St. - Shelby | Petty, C. | MTWTHF | 8:00 AM - 12:00 PM 1:00 PM - 4:00 PM |
| ABE | Job Link - ESC 404 E. Marion St. - Shelby | Sims, D. | MTWTHF | 8:30 AM - 12:30 PM 1:00 PM - 4:00 PM |
| ABE | U-Can/Bliss Center Main St. - Lawndale | Staff | MTTH | 6:00 PM - 9:00 PM |
| CED | Harvest Works | Phifer, P. | MTWTHF | 9:00 AM - 12:00 PM |
| ABE | Adventure House - Shelby | Phifer, P. | TTH | 1:00 PM - 3:00 PM |
| ABE | First Baptist Church 605 W.King St - Kings Mtn | Hoyle, B. | MTWTH | 9:00 AM - 12:00 PM |
| ABE | East Elementary School 600 N. Cleveland Ave. - Kings Mtn | Hoyle, B. | MTTH | 6:00 PM - 9:00 PM |

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