

April 2009

# HIT & MISS

Journal of the Western Antique Power Associates

## HIGHLAND CITRUS HARVEST FESTIVAL

At this first show of the season, WAPA was awarded the first place ribbon for the best historical exhibit. Members brought a diverse array of engines, machines and equipment. Visitors were friendly and inquisitive, and kept us busy throughout the day.



Text and photos by Rob Skinner



Tom Denson brought his two horsepower, 1926 Fuller & Johnson Model NB.

This was Tom's first engine. Although it was running when he got it, he disassembled it and did a full cosmetic restoration.

Tom got the engine from Merle Morse. Prior to Merle, the engine was owned by Ron Davis.

The NB originally powered a cement mixer.



Bob and Marissa Smith displayed his two horsepower. Rider Ericsson, built in 1911.

This all-original sideshaft engine was built by Domestic for Rider Ericsson.

Bob got the engine from Jack Hargreaves, who purchased it from Dan Powers, in Boone, Iowa. The engine was hauled from Iowa to California for Jack by our newest club member, Jim Knox.



Gus Lukrofka brought out a variety of engines and machinery.

He brought out his Elgin Half-a-Hors, a Briggs & Stratton powered jigsaw, and shown above, a Maytag powered shaper.

A shaper is a metal working tool for planing operations, where the tool moves in a fore and aft direction, and work remains stationary, aside from the feed.



Jim and Diane Kirkes brought this Kohler generator set, which was made for the Army and Navy during World War Two.

Until several years ago, this generator was used on Palomar Mountain by a gentleman who would not otherwise have had electricity in his home.

This generator has an "auto-start" feature, where the engine only starts after a load is placed on the circuit. Interestingly, the crankshaft and the armature shaft are one piece.

Output of the motor is about 4 ½ horsepower. Generator output is 110 volts ac, 60 hertz.



Ron Haskell brought several items, including a water pump powered by an International Harvester Model LB, and this Briggs & Stratton powered rock crusher.

This crusher can turn a fist sized chunk of granite into sand in a matter of seconds.

The crusher was built by Don Hunter. The frame was milled out of steel plates, and the flywheels are solid. It is heavy and robust, and much better made than many commercially built units.



Joe Siddons brought a collection of hand powered grinders. Young kids, like those seen in the picture, are thrilled to try out the grinders on pieces of metal that Joe provides.



Jim Knox is the newest addition to the WAPA family. Jim brought a couple items to the Highland show.

Shown above is a solar powered Stirling engine. The parabolic mirror focuses sunlight onto the hot-side of the Stirling engine. The cold-side of the engine is above the mirror, but outside the area of focus. The flywheel is beneath the mirror.



Jim also brought a Free-Breeze fan, powered by a Stirling engine. It is intended to be used atop a stove, so Jim brought along an antique stove upon which the Free-Breeze runs.



Merle Morse brought a complicated, but related series of machinery.

Above are Ken Evans and Merle with his seven horsepower Witte engine. Merle got the engine from Dave Ruhland. Merle made new valves for the engine, installed guides, and rebuilt the magneto. After all that, he went to work creating a "hot rod" quality paint job.

The engine is belted to a Worthington compressor that Merle picked up at the Vista swap meet.

The unit sits atop a cart and wheels fabricated by Merle.



The air from the Worthington compressor is connected to a steam engine/hacksaw unit.

The hacksaw is a Marvel, which has been beautifully restored.

The make of the steam engines is unknown. Merle got it when it was just a cast iron frame. He then went to work fabricating everything else: The piston, rods, piston, and complete valve chest. Just by looking at the engine, one might think that it was a nicely preserved original.

# MINUTES OF THE BOARD OF DIRECTORS

## MEETING HELD MARCH 13, 2009

**Board members present:** Tom Millett, Joe Siddons, Leroy Overstreet, Jack Johnson, Wayne Mabb, Kelly Garcia, Bob Smith, Craig Maxwell and Bob Swan.

**Board member excused:** Jim Davis.

**Members present:** Gus Lukrofka, Dan Kato, Rob Skinner, Dave Ruhland, Frank Moody, Rex McCleary and Slats Seeley.

**Visitor:** Marissa Smith and Marushka Santos.

**Meeting called to order** at 7:00 p.m. by President Wayne Mabb. Flag salute led by Craig Maxwell.

### REPORTS:

**President:** Wayne Mabb welcomed everyone.

**Vice President:** Bob Swan reported that long time member Ray Vinzant passed away. He was instrumental in bringing WAPA to put on a display at the Chaffey-Garcia House in Etiwanda for several years.

**Secretary:** The minutes of the February 13, 2009 board meeting were approved with no corrections. Minutes were approved motion by Tom Millett, seconded by Bob Swan.

**Treasurer:** Treasurer Kelley Garcia had no official report. She got a call from our financial broker who suggested that she move some of our mutual funds to another firm where we can get 14%, paid monthly.

**Membership:** Jim Davis absent. His mother passed away and he has flown back east to attend to family business.

**Purchasing:** Leroy Overstreet had nothing to report. He will get corn for the upcoming shows.

**Library:** Jack Johnson reported that the floor of the library is sagging and needs additional support underneath. He has material that he believes will work to correct the problem.



From the photo archive: Kelley Garcia and Bob Helm recovering a rare Leaverite tractor.

**Museum:** Craig Maxwell brought up a proposal to the board that might bring about some movement on our situation at the Prado property. The county has no money in the budget to complete the EIR required by the Corps. If the remaining work does not require more research, Tom Dodson has told Craig that he can complete it for \$5,000. After much discussion, Craig made motion for WAPA to pay for the EIR work and then work with the county to recoup our expense in the future. Seconded by Kelley Garcia. Vote on the motion passed on an 8-1 vote.

**Shows:** The 13<sup>th</sup> annual Highland Show set for March 28. The Tulare Show is set for April 17-19. Sanction approved on motion by Smith and seconded by Johnson. The Antique Truck Show is set for May 3 in Perris this year at the Train Museum. The Cal Poly Car Show is being held on May 9. This year we will be showing in two separate areas. Small engines will be displayed under the tree in the same place as last year. All tractors will be displayed in the field across the road.

Don Hunter will have his Holt tractor on display and will run it. Bob Smith will be making sure we have sufficient security around it for safety reasons.

The board agreed not to participate in the Whittier Founder's Day event because of conflict with Cal Poly.

The Home School in Pomona is on May 25. Sanction

approved on motion by Smith and seconded by Overstreet. Dave Ruhland stated there is a parts exchange on May 16 at Vista.

**Safety:** Joe Siddons had nothing new to report. The fire extinguishers are in compliance until August 27, 2009.

**Editor Report:** Rob Skinner reported on the coffee mugs he purchased for WAPA members.

**Unfinished Business:** Tom Millett presented a new

President's Plaque to President Mabb. The plaque was the idea of Don Hunter who donated a brass Holt traction engine throttle for it. Don's intent is that the plaque be moved from president to president and each be responsible for having a brass plate made and affixed depicting their name and year(s) of office. Ron Haskell designed the plaque and Millett researched the past presidents in proper order with the help of Bill Baldwin, Dan Kato, Bob Swan and Bill Young. The plaque is titled, "W.A.P.A. Head Throttle."

Bob Swan announced that he has received the premium notice for our insurance. The premium is \$1438.70 for this year. There are no changes in protection. The premium for last year was \$1437.50. Kelley will pay premium.

**New Business:** Bob Swan announced that he has received a call from Bill Stuber's daughter asking for WAPA help to assess the value of the collection at the Stuber warehouse facility. After much discussion, Bob will assure the daughter that WAPA will help in any way they need.

Bob Smith said Larry Nelson would like WAPA participation in the City of Artesia 50<sup>th</sup> anniversary celebration being held on October 10. It was agreed that we would help out.

Leroy Overstreet mentioned that he and Tom Millett participated with the Glendora Historic Foundation school tour on March 11. There were 80 third graders that came to the Historic Park and Leroy handled a rope demonstration. Another school will come on April 1. These events are sanctioned by WAPA.

**Adjournment:** 8:35 p.m.

**Tom Millett, Secretary**

## UPCOMING EVENTS

### **Board of Directors Meeting April 10, Friday, 7:00 p.m.**

The WAPA Board of Directors meeting is held at Heritage Park in Santa Fe Springs. All members are welcome and encouraged to attend. If you have ideas on how WAPA can become a better club, or if you just want to come and join in the festivities, please join us.

Heritage Park Rd. is located just south of Telegraph Road just west of Norwalk Boulevard. The meeting is held in the train depot next to the steam locomotive.

### **Tulare April 17-19 Friday thru Sunday**

WAPA will be located in our usual location near the cinder block restroom. If you've pre-registered, you can go right in, otherwise you need to sign up at the gate. The gatekeepers will be able to direct you to our area if you've never been.

Dick and Maureen Bouma will be orchestrating breakfast on Saturday. They welcome your assistance in preparation. Also, WAPA welcomes your cash contribution in the money jar to cover the costs.

More info on the show can be found at [www.farmshow.org](http://www.farmshow.org).

### **Antique Truck Historical Society May 3, Sunday 9:00 a.m. to 3:00 p.m.**

The ATHS folks always bring out an eclectic bunch of trucks for

their annual show. This year the venue has been relocated to the Orange Empire Railway Museum in Perris.

Directions: Take Interstate 10, Route 60, or Route 91 east to the 215. Go south to Perris. Exit Route 74 (Fourth Street) west. Follow Route 74 west one mile to A Street. Turn left onto A Street and go south for 1.5 miles. The address is 2201 Sout A Street.

### **Cal Poly Pomona Tractor & Car Show May 9, Saturday**

Mark your calendars. This was an excellent show last year, and it will be even better this year. Let's help make this a show to remember. Start getting your engines ready now. More details will be in next month's Hit & Miss.

## CLASSIFIEDS

Bridgeport mill, power feed, rotary table, may need electrical work \$3,500

5 h.p. Root & Vandervoort vertical, runs, original condition \$5,500

5 h.p. fluted hopper Aermotor, needs work \$3,500

4x2 John Deere Gator; new dash, hood, seats; runs well \$3,500

2½ h.p. Aermotor with deep well pump \$5,000

All of the above can be delivered to Tulare. Call Bud Melvin 760-244-2996.

The Hit & Miss is the monthly publication of the Western Antique Power Associates.

WAPA was founded in 1975 by a small group of enthusiasts looking for camaraderie within their hobby. Since that time, WAPA has grown to over 130 members.

More information is available online at [www.wapa.us](http://www.wapa.us).

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