

October 2010

# HIT & MISS

Journal of the Western Antique Power Associates

## CAL POLY RESTORATION UPDATE

Text & Pictures by Bob Smith

The project started Saturday, September 18, with a four-hour safety training class, which 22 members attended. The training was conducted by Charlie Nichols and Dave Holt of Doty Brothers. This was not your run of the mill training class. It was informative and funny. Continental breakfast and lunch was provided by Campus Catering. Dan Hostetler, head of Plant Sciences, gave an introduction and history of Cal Poly Pomona. He gave an overview of the farming operations spanning 1,500 acres of land with a gross income of 2.5 million dollars. He is pleased that WAPA is partnering with Cal Poly to help restore old farm equipment. In return, Dan has generously offered five acres of land to be set aside for WAPA to use. This is just preliminary and details have not been worked out but it is a start for WAPA to pursue.



**First work day Wednesday, September 29**

We started working on the Bean Orchard Sprayer. Ron Haskell took wood samples and put them in a plastic bag so Dan Hostetler could send it to a lab to be tested for DDT and Arsenic. Other than that, the wood hopper was not touched. We removed the bolts holding the three-piston pump assembly to the frame and

hoisted it onto a work bench where Ron Haskell and David Paul dismantled it so the pistons could be cleaned. Jack Johnson and Bob Smith worked on the Novo engine. The piston and crank were stuck but with a lot of oil and muscle, they freed to a point where it would turn somewhat. We noticed the exhaust valve is frozen in the closed position and the cam gear is frozen and the shaft bent upward a little where the gear does not engage with the crank gear. That is as far as we got for one day.



**Saturday, October 2nd**

Another good day of accomplishments. Since the engine would not turn over without a lot of effort, we loosened the nuts on the connecting rod to the crank. That was the problem of not turning freely. We decided to go ahead and remove the head to clean the piston. Cylinder and piston are in good shape. Tom Millett removed the intake and exhaust valve and seat assembly. The intake valve is in good shape. The exhaust valve had rust so Tom and Dale Linn went to work on freeing it and cleaning it up. Joe Siddons and Dan Kato worked on removing the flywheel so we could get at the frozen cam gear. The cam gear is off but needs to be removed from the shaft. Joe Siddons drained the gas tank which was full of water. Based on all the water damage, this unit must have sat out in the elements for some time prior to storing in the barn.

# UPCOMING EVENTS

**Board of Directors Meeting**  
**2nd Friday of the Month**  
**7:00 p.m. – 9:00 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.

**Glendora Pumpkin Festival**  
**October 16, Saturday**  
**Show 10:00 a.m. – 4:00 p.m.**  
**Setup 7:30 – 8:00**

Come and celebrate Glendora's rich history at the Pumpkin Festival, sponsored by the Glendora Preservation Foundation. The event is held at the Centennial Heritage Park, located at 725 E. Mauna Loa, adjacent to South Hills Park.

**Flabob Airport Veterans Day Show**  
**November 6, Saturday**  
**Show 9:00 a.m. – 4:00 p.m.**

Flabob Airport is home base for the aviation community around Rubidoux. The airport was established in 1943, and besides aviation, is currently involved in educational programs involving math, science and technology.

Veteran's Day marks their big annual event, and everyone is invited to come out, display their toys, and have a good time.

The location is 4130 Mennes Avenue, Riverside. Updates regarding this, and every show, will be made available at [www.wapa.us/calendar](http://www.wapa.us/calendar) as they become available.

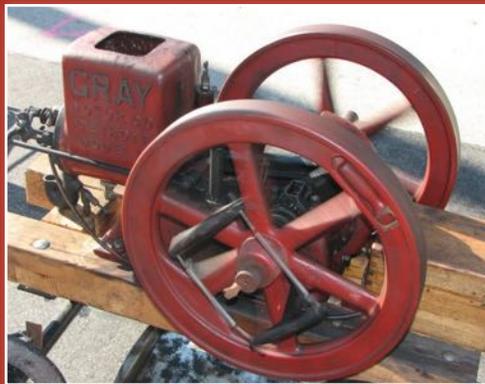
**Victorian Christmas**  
**December 4, Saturday**

Located at the Heritage Hill Historical Park in Lake Forest. Look for more details in next month's edition of the Hit & Miss.

## SOUTH PASADENA CAR SHOW

BY KEN EVANS PICTURES BY LARRY EVANS & RON HASKELL

To help celebrate South Pasadena's Sixth Annual "Cruz'n for Roses" Hot Rod and Classic Car Show, WAPA put on another great show with our engines and equipment. The event took place on Sunday, September 19, 2010 on Mission Street. All our folks did a great job of talking to the large crowd and explaining what we are about. We had



Joe Giocomarra running a 1½ hp John Deere. Leroy Overstreet exhibited a Little Giant 2 cycle marine engine. All the way from Riverside was Merle Morse with a operating model hot air engine and a full size Fairbanks Morse headless engine powered up to a water pump running water into a bucket through a series of vertical pipes and Ron Haskel with a 1919 Fairbanks Morse 1½ hp. Joe Siddons ran his 1914 Gray 1½ hp engine. Tom Fee had his 1916 Lauson-DeLeval 1½ hp. He also entered his 1970 Chevy Pick-up truck in the car show. Larry and Ken Evans brought a United 1¾ air cooled engine running the Duro mystery water pump with a bucket the never fills or empties. Dan Kato brought his model of an IHC engine. Thanks to all of you and we had a very good show. The car show is to raise money for the City's self built Rose Parade float.

