



HIT 'N' MISS

Newsletter of the
Western Antique Power Associates

www.wapa.us

APRIL, 2017

Upcoming Events By Rob Skinner

**April 8, Saturday
Chino Corn Feed Run
Show 8:00 to 3:00
Setup 7:00**



The Corn Feed Run Car Show & Cruise is an annual fundraising event for the Kiwanis of Chino. There are always a lot of cars and plenty of spectators. In addition to our display, there are classes for Pre-1974 Cars, Motorcycles, Show Trucks. Bring your tractor and join the cruise through the streets of downtown Chino.

From the 60 freeway go south on Central to C Street, turn right to 5th Street, turn left to Chino Avenue, turn left to the parking lot for Building Permits. 13200 Central Avenue, Chino 91710.

See you there!

(Continued on page 2)

President's Report By Ron Haskell

First thing this month I would like to congratulate the Evans brothers (Ken and Larry) for being recognized by the Los Angeles Times for their volunteer work on Mt. Wilson. On the front page of the Feb. 12 local section they were featured with other volunteers at the observatory. It mentioned their efforts on the big 50 hp Fairbanks Morse, as well as the many other projects they have helped with over the last 20 years. Well done guys.

This past weekend was the Warne Trust Collection auction in Westminster. WAPA was well represented, and a number of new items were added to collections, soon to be displayed at upcoming shows. WAPA even bid on a nice IH hay press powered by a 6hp IH M engine; however, we were outbid by a large margin. A group of members also bid on a 120 hp Commercial engine and pump that worked in Southern California, we were also outbid, and it will not be seen at Cal Poly. Note Paul Montgomery's article and pictures at the auction.

Please take note, because of the upcoming shows we will NOT have a meeting in April, the next meeting will be May 6.

Remember to post to the WAPA list if you have something of interest for members.



Rich Burney
Reg Clause
Klaus Duebbert
Kelley Garcia
Chuck Mayernick
Rex McCleary
Tom Millett
JoAnn Ponce
Bob Smith

April Birthdays



HAPPY BIRTHDAY!

**WAPA BOARD OF DIRECTORS MEETING
SATURDAY, MAY 6
9:00 A.M.
AGRISCAPE BUILDING AT CAL POLY
(NEXT TO THE FARM STORE)**

Upcoming events (continued)

April 22, Saturday

Imaginology: Full S.T.E.A.M. Ahead

Show 10:00 to 5:00

Setup 8:30

Imaginology is an event encouraging young people to explore, discover, and connect with Science, Technology, Engineering, Arts, and Mathematics. Students from all over Orange County bring their projects to display at the Fairgrounds. There will be activities and workshops for all ages. It's a fun event with plenty to see and do. WAPA's display is always popular with the spectators. Come out and share your old hobby with the kids who are building the fancy new technology of tomorrow.

From the 55 southbound, exit on Newport. Turn right on Fair, go to Fairview and turn right. Turn right again on Arlington. Across from the park, turn right into the fairgrounds. Turn right and follow the treeline. Go past all the buildings, then turn left. Turn left again so you're on the south side of the buildings. Continue until you see WAPA on the right.

WAPA's day to participate is Saturday. On Friday, the school kids will be bussed in for a field trip. It's a fun time for all. A couple of us will be going down on Friday to show some engines. We'll just leave our equipment there overnight, and then come back Saturday morning. If you'd like to participate on Friday, give Rob a call at 562-706-5448.



Save the Dates!

May 7—Antique Truck Historical Society in Perris.

May 13—Cal Poly Spring on the Farm Show in Pomona.

June 3—Steve McQueen Car Show at the Boy's Republic in Chino.



WAPA owns this early 1940's 1½ ton Chevrolet truck. We don't feel it's worth restoring or significant to things we would display. However, the frame and suspension could be a good support for a hay wagon. If any club members think they could use any of the other parts contact:

Bob Smith (909-435-9978) or
Ron Haskell (951-233-0551).



Western Antique Power Associates
Minutes of the Board of Directors Meeting
March 11, 2017

Call to order	President Ron Haskell called the meeting to order at 9:08am in the botanical class room adjacent to the Farm Store at the Agriscap facility at Cal Poly Pomona. Ron asked everyone to stand for the pledge of allegiance to the great flag of the United States.
Board Members Present	Acting secretary Bob Smith took a roll call of board members present: Ron Haskell, Bob Smith, Kelley Garcia, Jim Davis, Lance Wilson, Joe Siddons, Rob Skinner.
Board Members absent	Stevie Mote, Dave Stockton, Don Young. Bob Smith announced there was a quorum for a board meeting.
Opening remarks	Ron Haskell's opening remarks reminded the attendees that they may participate in the discussion of matters brought before the board at any time. Ron went on to present an article he read in the Los Angeles Times dated February 27 about Mt. Wilson which mentioned the volunteer work of WAPA members Ken Evans and Larry Evans. Ron also mentioned of the upcoming auction of the Warne Trust Collection to be held next weekend in Westminster.
Vice-President	Stevie Mote was absent. Ron mentioned that Stevie landed a job at Lowe's and would be working Saturdays.
Secretary	Dave Stockton was absent so Bob Smith was appointed as acting secretary for the current meeting. Ron Haskell made a motion to approve the minutes from the board meeting held on February 4, 2017. The motion was seconded by Rob Skinner. All were in favor.
Treasurer	Kelley Garcia presented the financials of the organization. The highlights were the Fun Day made a profit of \$2,296 along with the membership dues leaves the club in the black with \$5,212. Investments are doing well with a profit year-to-date of \$41,110.
Membership	Jim Davis stated that 93 percent of the membership have paid their dues leaving 9 members with no response as of this meeting. An attempt will be made to contact these members before the next meeting at which time they will be dropped from the roster due to nonpayment. Bob Smith made a motion to accept new member Randy Ludwig, seconded by Rob Skinner, all in favor. Recap, membership total 179. Paul Johns made a \$35 donation.
Purchasing Safety	Lance Wilson had nothing to report. Don Young was absent but sent a message to be safe at the upcoming shows. Check your equipment since it has been sitting through the winter.
Library Shows	Joe Siddons received several books from members to add to the library. Rob Skinner presented to the board a list of upcoming shows. The Riverside Airport Show on April 1 and the Imaginology show on April 22 will not be sanctioned since the event will cover WAPA's insurance. Rob made a motion to sanction the Chino Corn Feed Run on April 8, seconded by Ron, all in favor. Rob mentioned 2 shows to be sanctioned at the next meeting. The Antique Truck Show at the Orange Empire Railway Museum on May 7 and the Cal Poly Spring On The Farm Show on May 13.
Museum	Bob Smith gave an update on the windmill project currently underway at Cal Poly. The lower section of the tower has been assembled and moved into the field where Cal Poly will bore the holes for the footing. The head unit has been cleaned and lubricated ready for the tower and the blades have been test assembled to check for bent or missing parts. A list of parts needed had been given to Craig Walters to purchase from Dean Bennett Supply. Cal Poly Restoration Projects. Bob Smith gave an update on the restoration of the Worthington tractor. It should be ready for the May show at Cal Poly.
Riverside Citrus Park	Ron Haskell gave an update of the progress at the site of the 200hp Western. Hanging antique replica lights were installed in the building.
Unfinished Business	Danny Ponce has been in contact with the Nick Federoff productions to obtain a DVD of the interview he conducted at last year's Cal Poly Pumpkin Festival.
New Business	Since April is filled with shows, the next board of directors meeting will be May 6.

Meeting was adjourned at 10:15am

Bob Smith, Acting Secretary

Warne Trust Collection auction By Paul Montgomery

This past weekend's Warne Trust Collection auction was a great time with lots of tractors and engines sold. The weather was typical perfect SoCal weather and the auction company guys said they just came from Illinois where they had three feet of snow. WAPA members were in full force with lots of bidding and buying throughout the day. Special thanks to Ron, Mark, and Dutch for all their hard work making this a really successful event.



2017 WAPA Officers
President Ron Haskell
Vice President Stevie Mote
Treasurer Kelley Garcia
Secretary Dave Stockton
Membership Jim Davis
Safety Don Young
Show Director Rob Skinner
Librarian Joe Siddons
Purchasing Lance Wilson
Museum Director Bob Smith
Editor Carol Haskell



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Part 2: My Sattley "The Tear Down" By Bob Smith

As with any rusty engine or antique piece of equipment you must be careful not to break anything while taking it apart. Mother Nature takes a toll on metal and sometimes it refuses to move again. I started with the head so I could get the piston out. I put some Liquid Wrench on the two remaining head nuts and they came off with no problem. As I mentioned in part 1 someone has taken the head off not too long ago since 1 nut was missing and 1 nut and stud was missing. The carburetor was mounted to the bottom of the head so I removed the 2 bolts holding the two together. The carburetor is a cast iron vertical design with a gas bowl on the side as all one casted piece. The intake at the bottom has a spring loaded flapper to open on the intake stroke and close after. There is a manually operated throttle plate that connects to a rod that goes back and connects to an arm on the throughout bearing. This tells me that this engine is

not a hit-n-miss but rather throttle governed. The carb had 2 needle valves which were missing. One adjusted the gas from the bowl and the other adjusted the kerosene from the main tank located in the base. A nice feature about this carburetor is there is a freeze plug on the bottom of the gas bowl. The head was in very good shape aside from the rust. The exhaust pipe had rusted off or broke off flush with the head. I cut what was left in 3 pieces and knocked it out with a chisel. The threads where the pipe had broken are in decent shape to accept another pipe. The exhaust rocker arm had been broken and braised but it re-broke at the repair. The pin holding it in place was pretty rusty but with patience I managed to remove it without breaking something else. The exhaust valve had a chip on the edge but still had a good seat. The intake valve was in better shape. The interesting thing about the head is that there is a needle valve port just above the carburetor mount so you could aspirate hopper water with the kerosene to prevent ping (pre ignition). The piston was disconnected from the crank shaft and removed from the front after honing the carbon ridge smooth as not to damage the rings. After removal I noticed the ridge between the first and second piston groves had a 1" piece broken and missing. I don't know how that happened but it definitely had to be repaired. Due to the rust and no need to separate them I removed the crankshaft and flywheels as one unit. In the words of Leroy Overstreet "Why mess with mother nature when you don't need to". The gas tank in the base was badly rusted and would need to be replaced. As I said in part 1 the mag was missing along with the bracket that held it to the engine. I removed the water hopper casting from the main cylinder/crank casting. I also separated the cylinder/crank casting from the base by removing 4 bolts. Once again nothing was broken removing all these bolts.



Now that the engine has been disassembled and all parts inspected for repair or replacement, check out next month's article on "The Clean Up".

FOR SALE

Call Gus Lukrofka
562-544-5190



Hand air pump



Belt driven air compressor



Kohler gas engine

Seven Oaks Dam By Carey Stockton

Hello, fellow members. I would like to update you on the happenings at the dam. I have a few pictures of different water levels at the dam I'd like to share with you.

Photo number 1 is of the April 18, 2016 high water level of 2186.80. Photo number 2 is of the high water level on January 24, 2017, at 2230.00. This is the highest level so far this year. At this level, the Army Corp of Engineers and Orange County engineers has us release water from behind the dam.

The base level of the dam is 2100 feet, and the Army Corp of Engineers and Orange County engineers would like to keep less than 100 feet of water behind the dam to avoid doing additional instrumentation each day. So once the water level is above 2200 feet, water is released to lower the water level.

Photo number 3 is water being released at 200 cubic feet per second. This was taken on January 27, 2017. The water is dirty.

Photo number 4 is a pair of bald eagles, one of which is tagged. They arrived on February 6th and stayed for three days.

Photo number 5 is my "postcard picture", taken on February 8th and you can see the water has settled and cleared.

Just a reminder, Seven Oaks Dam is not a reservoir, but a flood control facility. After a storm, water is released at a controlled rate to minimize downstream damage. It also allows local water agencies to capture as much water as possible to replenish their supply.

