

WEST WOOD



proud member of the Coalition of Pikes Peak Historic Museums

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Pikes Peak Pumps

By Eric Swab

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Pikes Peak has long been the focal point of human activity. --- Mining, logging, homesteading, the provision of drinking water, the generation of electric power, the sites of airplane crashes, tourist transportation and accommodations have all left their marks on the Peak. Only a few of these activities have left clues that are visible from the communities at the foot of the peak. However, if you hike her trails and old roads, it is difficult to miss some of these marks.



Old pump near the McNeil Trail

There are three such artifacts that have sparked my curiosity. On the McNeil trail on the west side of Cheyenne Mountain, a sub-peak of the Pikes Peak Massif in Colorado, there is a gasoline powered pump that once supplied water to the Spencer Penrose's Cheyenne Lodge. It was manufactured by the C.H.&E. Manufacturing Co. of Milwaukee. There is a sign on the top of this pump that reads: "C.H.&E. No.9 - TRIPLEX PUMPING OUTFIT". Unfortunately several parts have been removed from the engine. Even though the pump is located at a spring about three quarters of a mile from the site of the Lodge, there is no doubt about its connection to Penrose's retreat. A pipeline, connecting the pump to the site of the lodge still exists. At one time the pump was protected by a wooden shed which has long ago fallen down.

The second pump was located beside the tracks of the Manitou & Pikes Peak Railway. (M&PPRy) near the summit of Pikes Peak at 13,835 feet above sea level. It is the same manufacture and the same model as

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Beginning October 1
New Museum and Bookstore Schedule
Thursday through Saturday 11:00 A.M. - 4:00 P.M.

Old Colorado City Historical Society

'Preserving the past for the future'

1 South 24th Street, Colorado Springs, CO 80904-3319
http://www.occhs.org (719) 636-1225

WEST WORD

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WEST WORD Editor c/o OCCHS

1 South 24th Street

Colorado Springs, CO 80904-3319

or Don Ellis - spiderwort@pcsys.net

SUBMISSION DEADLINE IS THE 15th OF EACH MONTH

MISSION

Revised August 2012

The Old Colorado City Historical Society is a nonprofit volunteer organization established to recognize the historical significance and unique culture of original Old Colorado City and early El Paso County which includes the present and future history of today's greater Westside neighborhood.

This organization perpetuates the preservation and display of artifacts and archival materials, encouragement of research, education of the children and the community, through the membership and the operation of the Old Colorado City History Center at 1 South 24th Street, Colorado Springs, Colorado.

MEMBERSHIPS

Memberships are welcome at any time. Membership renewals are due on the anniversary date of the initial membership. Members receive the *West Word* newsletter, discounts, local meetings and programs.

Annual membership classifications are:

Student	\$15	Business	\$75
Individual	\$25	Lifetime	\$250
Family	\$35	Life plus one	\$300

Funds from a Lifetime membership are placed into an Endowment Fund to be used only for projects approved by two-thirds of the membership. Only the interest will be used for current expenses. We welcome gifts to this fund, which will be credited to the donor or as a memorial.

BOARD OF DIRECTORS

President	Sharon Swint	630-8384
Vice President	Betty Baker	636-1225
Secretary	Brian Copeland	954-551-3677
Treasurer	Suzanne Schorsch	488-0256
	Janice deChadenades	598-7183
	Bev Disch	636-1225
	Sandy Hanzilan	636-1225
	Kathy McBride	636-1225

MEETINGS

OCCHS Monthly Meeting & Program is held at 11 a.m. on the second Friday of each month, except during June, July, and August. The History Center opens at 10 a.m. on the day of the meeting for refreshments and visitation. Everyone welcome.

WELCOME TO OCCHS! ~ NEW & RENEWING MEMBERS

Joyce Cheney

Frances Colby

Evelyn Hurr

Joe & Marge Knorr

Gertrude Martin

Sarah Martinez

Donald McGilchrist

Mr. and Mrs. Edward Overby, Jr.

Betty Rapjack

Margaret Rosielle

Mark and Anne Schreder

Robert and Iris Trumbull

Jeff and Sandy Warner

John and Susan Rowley



Pumps continued from Page 1

the pump on Cheyenne Mountain. This pump was used to supply drinking water to the M&PPRy's summit house. It drew water from a storage tank fed by three dammed springs, all within 640 feet of the tank, and pumped it 1,440 ft to a storage tank at the 14,115 foot summit¹. This pump was somewhat protected by a dilapidated shed and is in better condition than the one on Cheyenne Mountain. In 2012 it was removed from its original location and taken down to the M&PPRy workshops.



Pump which was near the Pikes Peak summit

There were 3 other water tanks on the M&PPRy route, one at Halfway house, one at Mountain View, and one at Windy Point. The two lower tanks were gravity fed from nearby streams. A steam powered pump filled the tank at Windy Point.

This steam pump had a vertical boiler and was manufactured by the Epping Carpenter Company of Pittsburg, PA. It is still in its original location at 12,060 feet above sea level and about 0.45 miles WNW of Windy Point². In the late 1920's

this pump was replaced by a C.H.&E. pump powered by a two cylinder Le Roi gasoline engine. The pump itself looks identical to the other two, however the engine and mounting skid are different. It is located in the ruins of an old wooden pump house. Water was drawn from small pond created by damming a spring a short distance further west. A two inch iron pipe runs on top of the ground from the pump house toward Windy Point. These pumps were used during the M&PPRy's steam period.

From 1908 to January of 2000 C.H. & E. Manufacturing was a privately held company³. At the turn of the millennium the company was purchased by ABS USA also of Milwaukee. Tom Frost, of ABS, tells me that these pumps were built in the 1920's and into the early 1930's. These dates are consistent with the May 1926 special use permit issued by the Forest Service for a pipeline to the summit from the pump at the 13,835 foot level. The special use permit for the pipeline, pump house and dam that served Windy Point was issued in 1929, although the steam pump probably dates from 1890's.

The manufacturing period is also consistent with the opening of the Cheyenne Lodge in June of 1926. The *Gazette and Telegraph* for June 20, 1926 carried a report of



Pump house near Windy Point which housed steam and, later, gasoline powered pumps

the opening: "Perched high on the summit of Cheyenne Mountain, surrounded by evergreens and firs, with a natural citadel of rock for its foundation, is a \$100,000 resort, Cheyenne lodge, the formal opening of which is being celebrated at 12 o'clock today. From its wide verandas visitors can look for miles out onto the plains with their purpled shadows and misty beauty, or gaze up still farther into the hills with Pikes Peak 5,000 feet above and to the northwest. Unique of its kind, it is now virtually complete

save for the natural stone wall around its rocky base. ... water piped from nearby springs and stored in basement tanks, assuring reserves of thousands of gallons, ..."

The lodge was built by Spencer Penrose, an investor in the tourist industry of the Pikes Peak Region, in the early 20th century. Penrose made his fortune investing in real estate of the gold fields of Cripple Creek and in the Utah copper mining industry. Penrose used his money to finance construction of the Broadmoor Hotel, the Cheyenne Mountain Zoo, and the Will Rogers Shrine of the Sun, as well as to purchase the Pikes Peak Highway, and the Manitou Incline. He and his wife Julie, established the El Pomar Foundation, a philanthropic organization which provides grants to help sustain health care, education and fine arts projects in the Pikes Peak Region⁴.

Spencer Penrose also purchased the Manitou & Pikes Peak Ry. in 1925⁵. From the railway's beginning, in 1890⁶ it was powered by steam. The last passenger train powered by steam ran to the summit in 1958. A steam locomotive was used to remove snow from the tracks until 1959⁷.

Thomas F. Richardson⁸ presented a paper to the Boston Society of Civil Engineers on February 21, 1894 containing a description of the design, construction and equipment of the M&PPRy. One of the facts reported was "... the highest spring or source of water was at an elevation of 10,110 feet, 22,000 feet distant from the summit." Mr. Richardson's was apparently unaware of the three springs near the summit of Pikes or the spring at 12,060



Spencer Penrose's Cheyenne Mountain Lodge

feet. To the best of my knowledge the three springs near the summit no longer flow, however, the spring at 12,060 is still running.

Clearly the C.H.&E pumps on Pikes Peak were installed by Penrose's people as part of the improvements made to two of his tourist enterprises. The C.H.&E pumps were likely purchased between 1926 and 1930. There is a picture in Morris' book on page 111 that shows a gasoline powered work car pushing a small carriage that looks identical to the carriages on which the Pikes Peak summit and Cheyenne Mountain pumps were mounted⁹. According to Morris this work car was built in 1934. Today water is trucked to the top of Pikes Peak to serve the tourists that visit the summit house.

1 Department of Agriculture, Forest Service special use permit "L-uses, Pike, Manitou & Pikes Peak Railway, Pipe Line, 5/25/26".

2 Department of Agriculture, Forest Service special use permit "L-uses, Pike, Manitou & Pikes Peak Railway, Pipe Line, 5/29/29".

3 Tom Frost, Chief Engineer, Dewatering, ABS USA, Milwaukee Wisconsin

4 "A Pikes Peak Partnership, the Penroses and the Tutts" by Thomas J. Noel and Cathleen M. Norman, 2000.

5 The Pike's Peak Cog Road, by: Morris W. Abbott, published by: Pulpit Rock Press, reprinted 1990, page 99

6 *ibid.*, page 29

7 *ibid.*, page 121.

8 *ibid.*, page 23

9 *ibid.*, page 111.

Saturday, November 30
2 - 4 P.M. at the
**Old Colorado City
History Center**

Tasting History:
Colorado City Candy Making

A celebration of the Pikes Peak Library
District's release of its reprint of

Candy Makers' Manual
for the Household

(Originally published in Colorado City in 1905)

A part of PPLD's Regional History Series,
with printing sponsored by the
Old Colorado City Historical Society

The celebration will feature:
Candy making demonstrations!
Hands-on children's activities!

**Buy the book at this event
and get a 15% discount!**

**Candy Makers'
Manual
for the
Household**

Containing

Finest Formulas for the Use of
Amateurs, and Proficient Help
to the Professional.

Prepared by
Cal. O. Enos,
Colorado City, Colorado
1905



**Photo exhibit to benefit the
Old Colorado City Historical Society**

In November Don Kallaus will be doing a photo showing of photography from his collection by early Colorado Springs photographer George W. Murray. The showing will be sponsored and hosted by Pike Peak Regional Building Department as a fundraiser for the Old Colorado City Historical Society. The showing of Murray's photos will showcase early city works. Murray's main client was the city. His photography is from the late 1920's to the late 1960's. It will be about 35 to 45 large photos of city works and will be held at the Building Dept's new building in their atrium. All proceeds to benefit the Old Colorado City Historical Society. We will have more details in the next issue of West Word.

President's Letter

Dear Members:

As member, Don Kallaus, said (while pumping out his basement), "Fire, drought, rain, floods . . . Is the pestilence next?" I personally think--LOCUST!

Most of you know we have had a rash of vandalism lately at OCCHC. The kitchen window was broken with a rock; some locals began to use the outside stairwell for a toilet and our ramp for a bedroom; and then the flooding began. Water was coming in under the basement door, through the cracked walls; through the previously barricaded windows and just about anywhere there was a small opening. So watch out for those LOCUSTS!

Hoping to secure our property, I have contacted the police, the mayor's office, the city council and the newspaper. I have filed a "no trespassing" form with the Gold Hill Station and met with the two (2) policemen who patrol Colorado Ave. We now have more nightly patrols and that has seemed to help. However, I would appreciate any help any of you could give in contacting the various agencies. The city is concerned about the downtown area but I feel that we need some of that concern sent our way. Two policemen patrolling such a large area with a high vagrant

population just isn't enough.

There are so many people that have helped with our building problems this month that I hardly know where to begin. If I have left someone out please forgive me. Thanks to Leo & Miki Knudson, Dave Swint, Werner & Joanne Karlson, Marilyn & Terry Lee, Kathy McBride, Jay Hatfield and I'm sure others. We are truly blessed by our volunteers. Concrete work has begun outside and a cover over the stairs is partially complete.

On a happier note--OCCHS's Board of Directors entertained a group of Ute Indian elders in September. Member John Anderson was working with the Utes to identify culturally modified trees in the Black Forest area during their spiritual retreat. He asks us to host them for lunch before they went to shop and visit the Garden of the Gods. It was great fun. Tom Daniels had prepared a poster board with pictures of their ancestors attending the last Shan Kive in Garden of the Gods, 100 years ago. The Utes had seen the pictures but had no identifying names on the pictures--we did. The elders were thrilled to see who was who among their long dead ancestors and took the poster back to the reservation.

Looking forward to sun! Sharon

Sharon Swint

October program:

RANGER DAVE'S COLORADO TRAIL BACKPACK in PHOTOS and MUSIC

In 2010 and 2011, Ranger Dave (Dave Van Manen) backpacked the Colorado Trail to raise funds for the Nature Education programs that the Mountain Park Environmental Center provides. October's entertaining program offers: History of the Colorado Trail; Slide show of gorgeous scenery; Hiking stories from the trail's 486 miles; Live music by Ranger Dave, performing some of the songs he kept himself company with on the many solo miles of the trek.

Dave Van Manen is the Founder and Director of the Mountain Park Environmental Center (www.hikeandlearn.org). Through the Mountain Park Environmental Center, Dave provides opportunities both "behind-the-scenes" and "in the field" for people of all ages and backgrounds to experience the wonders of Nature. Dave is a naturalist, writer, reader, avid hiker and backpacker, and always a student and lover of nature. Dave is author of *Plants of Pueblo Mountain Park Foothills and Montane Flora of Colorado's Southeastern Mountains* and a recipient of the Enos Mills LifeTime Achievement Award for Environmental Education.

The program will be Friday, October 11, 2013 at 11:00 A.M.
OCCHS members FREE - non-members \$5

Treasurer's Report Flooding and Funding

Suzanne Schorsch

Last Friday at our program, one of our newer members came up to me and commented that he had read about our building repairs that needed to be done. He was surprised that we needed to raise funds to get it completed. He read the Newsletter's Treasurer's Report each month and thought we had lots of money, in fact six figures. What he did not realize is how the money we have can or can't be spent and how long it took to save that money.

For example, we have \$16,565 in savings; \$2,630 of it is designated funds. When a person gives money to the Historical Society and designates how they want it spent, it is marked as designated and can only be spent for that purpose. That leaves \$13,935 in general savings. Savings is money we save for emergencies and it has taken the Society many years to raise that money (saving is money left over at the end of the year made during the year for operations, i.e. cookie money, book sales, memberships, events etc.). The "emergency" cracks in our basement that allow water to enter has cost us almost \$5,000 to date and more is to come. We could in fact, wipe out our general savings in one emergency. Thus, when a local business heard about our flooding basement and offered us a gift of \$2,000 if we could have the funds matched, we jumped at the life line.

Our Endowment fund is \$104,268.30 and is made up of funds that have been given to OCCHS and designated for Endowment, Life Memberships, bequests and memorial gifts

given on the behalf of loved ones. This account is not to be spent, but saved. The goal of this fund is to one day be large enough so that OCCHS can spend the interest on general operating costs (allowing us more time to teach and preserve history and less time selling cookies etc.). Our operating costs are around \$20,000 a year to keep the lights on, heat on, building secure and insured. It will take a large Endowment fund to cover operating but it is a goal we must work toward to make sure that we have a sound future.

We keep \$20,000 in our General Account, one year ahead on operating. We do this because the first six months of the year we do not have fund raising events, yet the building must be maintained. We also keep this amount in the ready in case we have a turn in the economy or one of our fund raising events does not bring in the money needed. Case in point, we did not plan on all the rain that made us cancel the Cemetery Crawl this year or the fires that have kept many tourists away, yet we still count that these things to bringing in revenue toward our operating costs. This year at the end of August we are in the "red" or short \$187.04 in operating revenues for the year.

The Good News

We have received many donations that are adding up so we hope to also receive the full \$2,000 in matching funds. I will give a full report on this fundraising next month to thank those people who have helped us out, including one non-member who donated a de-humidifier for down stairs, donations from two states outside of Colorado who read the Westside Pioneer and many volunteer hours with a mop and cleaning supplies. Let's look forward to the Good News.

The Old Colorado City Historical Society's Board of Directors meets regularly on the third Monday of the month at 1:00 P.M. at the

Old Colorado City History Center, unless otherwise announced.

Interested visitors are always welcome at the Board meetings.



The next Board meeting will be Monday, October 21
at 1:00 P.M. at the *Old Colorado City History Center*

OLD COLORADO CITY HISTORICAL SOCIETY
ONE SOUTH TWENTY-FOURTH STREET
COLORADO SPRINGS, CO 80904-3319

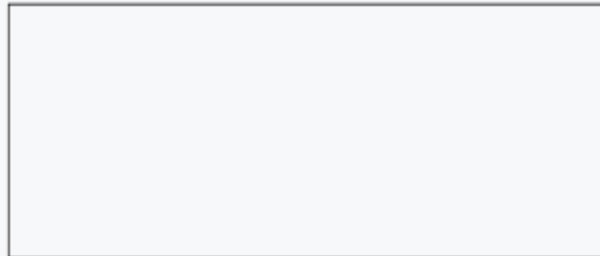
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October / November Calendar

Friday, October 11

11:00 A.M.

(Doors open at 10:30)

Program: Ranger Dave's Colorado Trail Backpack in Photos and Music presented by Dave Van Manen.. This program offers: History of the Colorado Trail; a slideshow of gorgeous scenery; hiking stories from the trail's 486 miles.; and live music by Ranger Dave, performing some of the songs he kept himself company with on the many solo miles of the trek. OCCHS Members FREE. Non-members \$5.00

Friday, November 8

11:00 A.M.

(Doors open at 10:30)

Program: Vineyards and Crops on the Western Slope - Learn about Colorado's wine industry and crops and how they are now sold internationally. Door prize--bottles of wine.

OCCHS Members FREE. Non-members \$5.00

Saturday, November 30

2:00 - 4:00 P.M.

Tasting History: Colorado City Candy Making -A celebration of the Pikes Peak Library District's release of the reprint of Candy Makers' Manual for the Household (Originally published in Colorado City in 1905) as part of PPLD's Regional History Series, with printing sponsored by the Old Colorado City Historical Society. *The celebration will feature:*

Candy making demonstrations! Hands-on children's activities!

The book will be available with a 15% discount at the event.

Old Colorado City History Center

1 S. 24th Street, Colorado Springs, CO 80904 - (719) 636-1225 - <http://www.occhs.org>

Museum Hours: Thurs. thru Sat. 11 - 4 Free Admission. Donations greatly appreciated.