### Chinese looking into Falstaff

By BRIAN DEMING Of The News-Sentinel

Idle equipment in the Falstaff Brewery may soon have new life brewing beer in China.

Plant Manager Penny Lester said this morning that the company is negotiating to dismantle and ship brewing equipment in the plant to a facility in Zhaoquing, where equipment from a Pabst Blue Ribbon plant in Vancouver, Wash., is already in use.

The 104-year-old building at 1025 Grant Ave. has been idle since the brewery closed on Jan. 7, 1990, idling 200 workers.

The equipment in the facility includes 245 tanks as well as pumps and compressors. Almost all of the equipment would be shipped if the deal is concluded. Lester said.

Lester said a delegation from China visited the famility about one month agri. Lester said she hopes to use former Falstaff employees to dismantle the equipment and crate it. That would employ about 20 people for a year, she said.

Falstaff is owned by S&P Co., based in San Francisco. The brewery in Fort Wayne closed because of declining sales of Falstaff in Indiana.

Sales had dropped steadily from 62,602 gallons in 1981 to 17,751 gallons in 1987.

## Jumbo bottles quench Japan's thirst for beer

#### **Associated Press**

TOKYO — The Japanese thirst for "ultra-premium" beer is slaked by 21.4-ounce bottles — the largest single-serving beverage container in the world, according to an international beverage industry journal.

Beverages Magazine, which tracks overall beverage industries worldwide, notes that two of Japan's major breweries compete with identical size containers.

However, one with an all-malt lager named for the Japanese god of good luck and fortune is the industry leader, currently commanding half the premium market in Japan.

The brewer hopes that similar good luck and fortune will accompany its introduction in the United States.



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BOTTLES, COASTERS, LABELS, POP
CANS, OPENERS, CROWNS PLUS LOTS
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# Scientists brew series of theories for beer bubbles

By LEE SEEGEL

Associated Press

LOS ANGELES — Consider the near number

One of the sample pleasures — a gass of hear — contains incredition membrated physical phenomena according to scientists who student how bubbles form and rise.

The major think that in the several miles are would already have earned at there was to know about this rumous brew," Stanford University chemists Neil Shafer and Ruman Zare wrote for the October save of Physics Today.

Yet a glass of beer reveals a markable interplay among gases, and solids, temperature, pressure and gravity—an interplay man is still not completely understood, they said. "Once you begin to early about the nature of beer purposes you will never again look at a glass of beer in quite the same

Complex mathematical formulas full the article, but some explanations may be coherent even to non-scientists:

■ Why do bubbles form in beer, wisch contains carbon dioxide gas produced during fermentation?

Visible bubbles begin as invisible clusters or microbubbles of carbon choxide molecules that grow in rough spots (on the inside of the giass), called 'nucleation sites,' where the carbon dioxide molecules can attach themselves and coalesce.'' Shafer and Zare explained.

"In fact, the formation of beer bubbles is very similar to the formation of rain clouds, in which rain droplets grow on dust particles," they said.

That's why you can make your beer bubble even more by tossing in a few grains of sugar or salt.

■ Why do the bubbles rise?

"The answer of course is that the density of a carbon dioxide bubble is less than the density of the surrounding beer," the chemists said.

■ Why do bubbles grow larger, often doubling in size, as they rise

in the glass?

"Bubbles accumulate carbon dioxide as they ascend through the beer. In other words, bubbles act as nucleation centers for themselves," Shafer and Zare wrote.

■ Why do bubbles speed up as

they rise?

"As a bubble rises, it encounters resistance, or drag." But as a bubble grows, the drag force increases slower than the "buoyancy force," which increases in proportion to the bubble's volume.

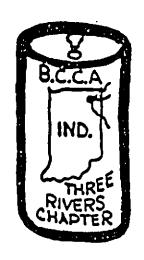
■ Why does a head of foam form?

Beer contains natural and added substances called surfactants. Similar organic matter on the ocean's surface help create whitecaps on the top of waves.

₩ Why does beer go flat?

The bubbles escape into the air if beer is left in an opened container.





### Three Rivers Chapter BREWSLETTER

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IN NEXT MONTHS ISSUE WE WILL FEATURE AL "S SCRIER CAN COLLECTING AS SEEN BY AL BRAND.

HATS OFF AND A HEARTY THAIMS GO TO AL BRAND ON HIS PAST PRE SIDENCY 1991 WAS A SUCCESFULY YEAR WITH TWO WELL TALKED ABOUT SHOWS MEMBERSHIP IS ALSO CIL RISE IN1992 LETS ALL KEEP GOOD WORK ALSO THANKS THOSE WHO HELPED OR DONATED 1991 SEASON.

#### Bits From Around World\_ **Buccaneer And Bullfrog** Once Again Cherished

**Beer Cans Treasured By Americans** ---But Now It's Not For Contents

> By ANDREW MALCOLM (c) New York Times Service

LAKE GENEVA, Wis -- Doctors and mechanics and housewives and teen-agers-some 600 in all-gathered here last weekend for a very special reason. Their passion is empty beer cans:

The men, and women, were the Beer Can Collectors of America and they met in this resort community, 75 miles north

of Chicago, for their annual con-vention, a three-day orgy of turned out the first beer can. trading that saw grown men For years, collecting was done sweat profusely in hard hargain-only by isolated individ-

reaching for a beer can on a map of the United States), its own button, newsletter, mug, and windshield sticker, as well as some voluntary beer-can some voluntary beer-can collecting. There are now 608 trading guidelines to combat in collecting. There are now 609 flation, which has pushed the value of a 1930's beer can all the way up to 10 or more newer cans.

complete listing of all 12,000 American beer cans, including special commemorative beer forgotten brews like Jaguar, can (empty) and many different can (empty) and many different can (empty). Buccaneer, Bullfrog, and Olde Frothingslosh.

before registering swarms of lectors' basements, which are collectors gathered around a specially dehumidified to comnew arrival's car trunk to bat that dreaded enemy—rust. haggle good naturedly.

ing for an empty beer can.

The BCCA, as it is affectionately known to members, has its own emblem (a hand reaching for a beer can on a reaching for a beer can on a tracking for a beer can on a reaching for a beer can on a second for the same hobby.

people met in St. Louis. Next Soon the group will publish a year's convention will be held in

types of free beer in cans (full).

Frothingslosh.

Some members arrived here opened on the bottom to preserve two days early eager to get first its appearance on the display crack at any good trade. Even shelves that line countless col-

"There is no real value in the Beer can collecting probably cans," noted Roger Johnson of began Jan. 25, 1935, the day afbuffalo Grove, Ill. "The value is ter the Gottfriend Krueger in the bartering and the friends Brewing Co. in Newark, N.J., you make while trading."

# From the Prezion

Well, another season of shows are upon us all, and the future has great things in store. Better-half and I have seen some awesome cans-n-breweriana lately; lately being Sterling's show Oct. 91, our own TRC Trot 91 and the recent Hoosier Chapter's Feb. event.

In October, Bobbie and I had the pleasure to trek down to Evanskille for a most superb time. Met Chuck Hillyer for first time and had a chance

to chat about my fav, Pabst! Picked up a few dandies in the Pabst Dept., a couple souvenir books and a beauty of a mirror (old "What'll You Have"). Brent Pace can insure a good time in the river city... Brent and crew all out. Had a chance to check out the house brands at the Evansville Brewery, the best being the GARST brand. Saw Dave G. from Oldenburg fame again... in super spirits as usual. Ol Derrick Morris was also wheelin' and dealin'. To top it all off after a great day of Sterlingin' it up, Better-Half and I stayed in historic Vincennes. Wish I could get down south to the Feb. 22 show in Evansville....

WHOOOOOEEE, now to da big show. Dec. 7 was TRC's 18th Annual TURKEY TROT. 5, count em now, 5-15 POUNDERS (dem turkeys donchaknow) were dipped and et, plus 20 pounds o dem golden wedges. Add a keg of beer, zillions of painted cylinders and fine, fine friends and y'all got one of the best shows around. Dis ol Ragin' Cajun wasa gettin' propositioned left ana right. Y'ALL KEEPA LOVIN' UM, WE ALL KEEPA COOKIN' UM. The show was happenin' ('cept Nat'l's had their Board Meeting-missed out folks!). Nice to see all you good people supportin' our fine chapter. Comments on Voight's Retreat, again, were on space & lighting. For 92, Leroy Art is director for Turkey Trot, 19th donchaknow. He has a few leads to get a facility so we can offer you a large trade arena, plus serve our cuicine-n-brew.

February 1st marked the day dem of Hoosiers in South Bend had their show. Since Eobbie & I missed Circle City in January que to venicular nomicide, South Bend's event was our first 92 travel. What a time! Larry Peters & Crew put the red carpet out for visiting folks. Saw lots of mew faces, and some old ones as well. Eig John was a pleasure to see, along with Jim & Mary. Bruce S. was a treat as always, and "Hats on" to Darrol, TRC roadie, who actually didn't win on the raffle ... and whoa what a raffle. Some extremely awesome items, including a dandy Schlitz neon, were up for grabs with. the right ####. All folks I talked to in reference to donations for chapter raffles agreed the pickins are very slim and competing. But the highlite of this fact is that people have not been complaning of the lighter raffles. This is the way it should be. Even though raffles help keep a chapter alive, the support of members to rent tables and participate is, to me, the way to insure a crowd. And that is what's happenin'. Quaffing brew, being chatty and finding that special can and barroom piece is what it's all about. TRO, SOUTH BEND, EVANSVILLE, INDY, TOLDDO. THESE AND OTHER AREAS ARE WHERE IT'S HAPPENING!! Walk into the show and enjoy. Thanks to all with South bend for puttin! Hospitality behind Hoosier.

JUNE 13. CAJUN 1400

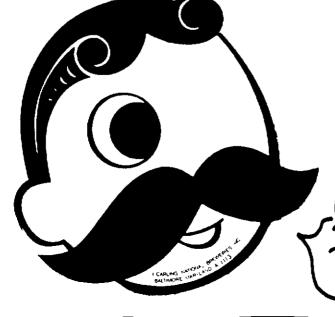
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