New fuel for old autos

by CANDI IRVING

Don't of people told him it couldn't be done, but 13 engineering students did it to prove that sewer gas can be used as a viable fuel for automobiles.

The team converted a 1966 Cadillac sedan to run on reclaimed sewer gas and entered the car in the 1974 International Collegiate Student Emission Devices (RED) Rally earlier this month.

The idea for using the sewer gas as a fuel started with Darrel Richards, an employee of the City of Morro Bay, who told the students that sewer gas could be a useful fuel for automobiles.

The students converted the Cadillac to run on sewer gas by installing a new carburetor and modifying the engine to accept the gas as a fuel source. They also had to make modifications to the fuel system to ensure smooth operation.

The students also installed a system to heat the engine's exhaust gases, which helped to improve the efficiency of the engine. They also had to modify the engine's intake system to accept the sewer gas as a fuel source.

The students were able to successfully convert the car to run on sewer gas, and they were able to drive the car in the rally, where they placed third in their category. This was a significant achievement, as the team had to work with limited resources and face numerous challenges to make the conversion a success.

The students were able to prove that sewer gas could be a viable fuel for automobiles, and this could have significant implications for the future of transportation. Sewer gas is a byproduct of wastewater treatment plants, and it could be used as a renewable fuel source.

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Chemical exhibit...

(continued from page 1)

In conjunction with Poly Royal theme of "41 Years and Smarter With Age," the department will be tracing the history of chemistry through old glassware and antiquated equipment. The way of contrast, new methods of experimentation and atomic absorption man of hair analysis will be demonstrated. Visitors have their hair samples analyzed for trace elements vital to the body such as zinc and iron.

Chemistry students will also conduct on-the-spot blood testing and water hardness testing. Last year water samples came with visitors from as far away as Los Angeles and the Central Valley.

Glassblowing, offered as a class in the University Union, will be performed throughout the weekend by students and faculty. With the use of an oxy-acetylene torch, they will be creating both ornamental pieces such as vases and vases and actual practical lab equipment. An infrared CO2 laser, constructed as a physics major's senior project, will be on exhibit in the Physics Department's display. The infrared beam, with the help of having a bite in a two-inch board, will be one of several laser and light exhibits entering the Physics Optics Lab. A linkup between the campus Computer Center and Cal State Northridge will make it possible to match wits with a computer in football, poker and other games.

Visitors may also receive computer printouts recording the number of hours they have slept since birth and their age completed in days, hours and minutes.

While visiting the Math building they will wind their way through a stripted compass, the senior project of Math Club Pres. Greg Shimada. Set up outside the entrance, the maze is related to the decision-making theory concerning the consequences of choosing a turn.

Once inside, one may try his head in both the odds at the gambling table of the "Casino Royal," complete with blackjack, crap, roulette and play money. Along with gambling, other games such as electronic darts will be set up in the Penguins and Toys room.

Another facet of the Math Department's exhibit is math in the artistic sense, depicted in paintings of mathematical concepts and relations. High school seniors, competing in the annual Math Contest for California high school students, will meet on Friday for the round of written exams, chalk talks and "Quiz Bowls" contests. Winners will be awarded cash prizes during the awards presentation in the Little Theatre.

The Army equipment display will be taken over by the campus Reserve Officers Training Corps during the gwarda presentation, which will most on Friday for the round of presentations and exhibits within the School of Sciences and Math.

Dr. Robert Day, a chemical engineer and a member of the Environmental Engineering department at Cal State, will demonstrate how to produce his "solar gas" which is a by-product of cow dung.

Cohn added that India already operates for cooling stoves and other utilities on sewer gas. "Ban the burning of this fuel is just being produced is the only difference is that this fuel is essentially a natural gas," he explained. This fuel is a by-product of cow dung, and the fuel is essentially a natural gas. Cohn stressed mass transit possibilities for sewer gas. "San Luis Obispo Transit Company could convert to the use of sewer gas easily since the vehicles have already been converted to using natural gas."

Dr. Robert Day, a chemical engineer and a member of the Environmental Engineering department at Cal State, will demonstrate how to produce his "solar gas" which is a by-product of cow dung. Cohn emphasized the student involvement saying, "This project has been an impetus for better learning by the students. They have been able to see what they have learned in a classroom setting while working on both the positive and negative aspects of what they have learned.

Editorial Policy

Letters to the editor about any topic are welcome. Letters should be typed and must be signed. Bring letters to the editor's mailbox. Letters about any topic are welcome. Letters should be typed and must be signed.

Mustang Daily readers may see a press release that appeared in an issue of the paper. The release mentioned the Association and Asian character digging his way "up" from China on the opposite side of the earth.

The cartoon was run because the editors and members of the staff felt it was humorous. The Chinese Students Association asked the editors to run the cartoon.

We can't retract a previously published cartoon. We can assure Mustang Daily readers that the racial slur was intended, that we don't think it's possible to dig through the earth, and that all we can do is to hope that the slur will be avoided in the future.

Rogel Vines

Ethnic humor
delayed sold...
Pitch in now to clean up this campus

All Cal Poly campus organisations are invited to participate in National College Pitch In Day, April 29.

The event, sponsored by Budweiser and partnered with the ARC Contemporary Radio Network, is based on the nationwide "Pitch In!" anti-litter program. This is an opportunity for any approved campus organisation to win a prize and do something about the problem of litter.

The idea is for students to team up in cleaning the campus and/or surrounding community of a litter problem. Each of the five regional winners will receive an assortment of radio-vision equipment valued at $1,000 for the most effective and creative "Pitch In!" effort.

To enter the competition, organisations should send a letter or post card indicating their desire to participate. The "Pitch In!" Week, April 29-30, will be held at the Budweiser Central California Tournament, the University of Nevada at Reno. Enjoy the game.

Winning debaters finishing season

With ten tournaments down and two to go, the Cal Poly Debate Squad has won over 10 trophies this year, including two sweeps, and an equal number of certificates.

According to Co-director James Convery, the squad's last big tournament of the year is the Northern California Parents Association Tournament to be held May 10 and 11.

The squad won five awards at the Southern California Tournament held in March at Pasadena City College at which 18 schools competed. Patrick Chew won first place in novice exposition speaking, and Steve Dugay, captain of the squad, won third place in senior division extemporaneous speaking.

Certificates of appreciation were won by Chew, Pamela Brown, and Linda Landon.

Chow and Bonnie Hansard did very well the following week, April 5-4, at the Nevada Great Western Tournament held at the University of Nevada at Reno. Chew won the third place trophy in junior division oral interpretation, and Bonnie, an Orangeman Hurdles major, won the second place trophy in junior division extemporaneous speaking and made the final round in oral interpretation.

Prior to the Northern California Tournament, the California State University at Los Angeles Debate for novice division and junior division competition will be held May 8 and 9.

Companions needed for aged citizens

The Student Community Services student volunteers are to be held involved by spending a few hours of their time each week to go down and talk, read and write letters and provide companionship to the senior citizens of the community.

"This is a volunteer action," said a ESC representative, "but the reward of knowing you are of service someone's life is a reward for greater than any money can buy."

For information contact Peter Walsh, Res. Ed. in the Union.

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EDITOR'S COMMENT

a "rah-rah, get behind your school, typical high school editorial; if it won't continue to be our world of sports SSs unlvarately la winner or serious contender name Mustangs in a league their fields, as most schools do.

Two sporta that are dominant in the world of wrestling recognizes NCAA collage division titles seasons now, and is the reigning champion.

The Mustang football team has known up to this point, holding the top position in the nation.

Our school is fortunate enough Poly doesn't have one or two sports that are dominant in the world of sports.

The Mustangs are now 14-0 for the conference and 44-0 for the season.

Coach Barry Harr has told throughout the season that the Mustangs are going to be in eight games and still into the play-offs. The fact is that they are in the play-offs because they are the best, that's why they are in the play-offs.

Support local baseball

by ROBERT DRUMMOND

This may end up sounding like a "rah-rah, get behind your school, lets have some spirit," typical high school editorial; if it does maybe it should.

Our school is fortunate enough to be a place where sports programs have provided us with nothing but enjoyment and excitement.

Poly doesn't just have one or two sports that are dominant in the world of sports.