Possible Gasoline Substitute Found In Methyl Alcoh

service station and tells the at-tendant to "fill 'er up." The atten-"Methanol," Dr. Harris said, tendant to "fill 'er up." The attendant takes the hose from the pump and proceeds to fill the tank with

Alcohol, you say? Alcohol obtained from low-grade bituminous coal, produced at a cost of roughly 11 cents per gallon.

It's all possible, according to two Aggie chemical engineers.

Dr. W. D. Harris and Dr. Richard R. Davison found the idea of using methyl alcohol as an automobile fuel intriguing. They conducted a non-funded study of the possibilities and came up with some surprising conclusions.

The researchers feel that conversion of coal to methanol will be economically feasible, since the raw material at the starting point

Prairie View, **TAMU To Use Both Libraries**

A new and important development is currently underway which will enable students and faculty members from Prairie View A. and M. College and Texas A&M University to share library facilities and materials from the Texas A&M University Library and from the W. R. Banks Library at Prairie View A. and M.

Mr. Frank Francis, Jr., Librarian, W. R. Banks Library, and Mr. John Smith, Director of Libraries at Texas A&M University, are currently working on a plan of developing library cards for use throughout the Texas A&M University System. Both librarians have hailed this new development as a step forward in maximizing the strengths of both universities.

Faculty members and students who are interested in securing library cards or in learning more about the new inter-university library program should contact Mr. Frank Francis, W. R. Banks Library at Prairie View A. and M.

They're Here!! ALL THE UNIQUE

Mother's Day

GIFTS AT

Happy Cottage 809 E. 29th — Bryan

COLLEGE GIRL there iś

Shop for you!

THE CLOTHES HORSE 3801 E. 29th Just off University Dr.

NEEDED **USED BOOKS** at

UNIVERSITY BOOK STORE "At the North Gate"

PAWN LOANS

Money Loaned On Anything Of Value. Quick Cash For Any

Emergency. See Us For Ready Cash Today.

Texas State Credit Pawn Shop 1014 Texas Ave., Bryan Weingarten Center

> ALLEN Oldsmobile Cadillac

SALES - SERVICE "Where satisfaction is

standard equipment" 2401 Texas Ave. 823-8002

"has a high octane rating, higher than premium gasoline. It does not pollute anywhere near as much as petroleum products, and it will produce a marked increase in power in automobiles."

tor tests showed methanol produced as much as 90 per cent less carbon monoxide and hydrocar- tor fuel."

A motorist pulls into his local is considerably cheaper than with bons than did gasoline. He added that acceptable emission standards might be met with alcohol without any emission control equipment.

"Compression ratios could be raised again," he said, "delivering much more 'punch' to automobile engines. Methanol can also be Dr. Harris pointed out that mo- mixed with water in certain amounts without lowering its efficiency or performance as a mo-

As with any "good news" re- pensive problem. search, there are some drawbacks. One is the possibility of starting difficulty in cold weather. The researchers feel that this can be overcome with manifold heating devices or perhaps addi-

tives in the fuel itself. A modification in the carburetor would be required for existing automobiles in the form of changes in port size, but this again would not present an ex-

To Mother with Love

Mileage is, however, lower per essarily lower per dollar, the researchers contend.

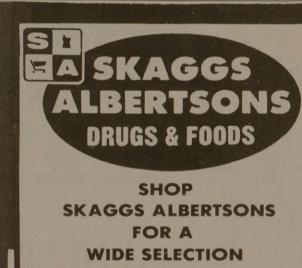
Conversion facilities, they said, could be located near large coal almost unlimited supply of coal, presently known to be in excess of 200 billion tons of coal and lignite, would supply automobiles for many decades.

The researchers believe that the researchers admit. They fee about 200 gallons of methanol can however, the economics of methanol gallon with methanol, but not nec- be produced from one ton of coal anol vs. gasoline are too close at with proper technology. At \$2 per ton, the cost-per-gallon for raw materials is far less than of gasoline. Economies of scale beds. In this coal-rich country, an in large production efforts could billions yearly in imports with possibly bring the "gate" price of

> per gallon. Many of the numbers given in their study are educated guesses,

the issue too serious to be take

"The possibility of saving bil lions on pollution controls and selling the consumer a good prodthe fuel down to about 8.5 cents uct at low cost with a fair pro may seem too good to be true, Dr. Davison said. "But it is also



OF MOTHERS DAY CARDS

"AMBUSH"

THE FRAGRANCE BOTIQUE **FOUR WORLD FAMOUS FRAGRANCES**

"TABU"

"MOON DROPS" "REPLIQUE"

COOKS LIKE A KITCHEN RANGE



BISCUITS-TOASTS CAKE-ROASTS HAMS-PIES

WILLIAM WEBSTER CHAR-BROIL

KETTLE GRILL STURDY ALUMINUM CONSTRUCTION

UPPER AND LOWER

DRAFT VENTS.

CUTS DRYING TIME BY 34 PERCENT SUPER STRONG 1400 WATT SYSTEM **EXCLUSIVE COMFORT VENT** KEEPS FACE COOLER LARGEST BONNET FOR LARGEST ROLLERS FOLDS COMPACTLY FOR STORAGE OR

CAMERA OUTFIT

TIMEX ELECTRIC WATCHES

ATTRACTIVE DESIGNS

LADIES

INSULATED THERMOS

AND' MUG SET

LADY THOMPSON **GOLF SET**

1-3 WOODS 3-7-9 IRONS PUTTER

PANGBURNS-KINGS WHITMAN'S FRESH SHIPMENTS JUST ARRIVED

SHOP

SKAGGS ALBERTSONS

aaaaaaaa

CONTINENTAL WEST BEND 7 P . SET

PULISHED ALUMINU

2 QT. COV. SAUCEPAN 5 QT. DUTCH OVEN

10" SKILLET



MELAMINE 45-PC. SET

- DECORATED DINNER PLATES DESSERT BOWLS 1 - VEG. BOWI SALAD PLATES 1 - SUGAR



DRIVE AT COLLEGE AVE.

too good to be ignored."