

The Battalion

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Dr. Rainey For Governor In Local Batt Poll

Research by Chem Engineering Dept. Leads to New Method of Desalting Oil

A method of desalting crude oil far more economical than processes now in use has been developed through research here, it has been revealed by Dr. J. D. Lindsay, head of the chemical engineering department.

The new method removes practically all the salt that is pumped from a well along with the crude oil by emulsifying the crude with hot water, pumping it through a fiberglass bed into a settling tank and then drawing off the oil while the salt and water are recirculated. Passage through the fiberglass changes the nature of the emulsion in such a way that the salt particles will settle out in the tank, Dr. Lindsay said.

Results so far are striking enough to have caused the Standard Oil company of Indiana to build a pilot plant at Whiting, Ind., where four months of tests with the fiberglass method have caused that corporation to go ahead with designs for a full-scale refinery using a carload of crude oil to Texas A. & M. College for tests and sent a group of technicians along as observers.

Work on the project, which started in February 1945 at the behest of and with funds provided by the Owens-Corning Fiberglass corporation of Newark, Ohio, has been directed by Chalmers G. Kirkbride, distinguished professor of chemical engineering now on leave to observe Operations Crossroads at Bikini atoll. T. A. Burtis, a graduate student from Carnegie Tech, did the first year's work and developed the method now being tested, while J. A. Fesperman, A. & M. graduate who took over last February, has been making exhaustive tests to see if the fiberglass desalts various types of crude oil equally well—and tests so far indicate that it does.

Dow Chemical Co. Fellowship Made Known by Jones

The Dow Chemical Company of Freeport has established a Research Fellowship in the Texas A. & M. College department of agronomy, it was announced by Dr. Luther Jones, head of the department. Research will be conducted with the herbicide 2-4-D in its effect on nut grass. Harvey Joe Walker, graduate student in agronomy, has been selected as the recipient of the \$720 award.

Walker was a member of the class of 1943 at Texas A. & M. College and recently returned from military service. He is now preparing field plots on the agricultural farm for the development of methods of spraying with different concentrations of the herbicide.

This fellowship was presented to Walker on the basis of his outstanding academic achievement. His home is in Shamrock, Texas. Details of the fellowship were worked out by Dr. Jones and Dr. W. W. Allen, research administrator of the Dow Chemical Company.

Col. Dees, '32 With Army of Occupation

Lt. Col. Allen D. Dees, 32, son of Mr. Allen W. Dees and his wife Mrs. Sadie S. Dees, Kaufman, is now serving with the Army of Occupation as Deputy Communications Officer in USAFE, the organization that is policing the American zone of Germany from the air.

Col. Dees entered the Armed Forces in March 1941 and since then has served as Communications Officer with the 4th Bomber Command and Asst. Comm. Officer of Headquarters 4th Air Force.

Prior to his call to active duty, Dees was employed by the Humble Oil and Refining Co., Houston.

Qualifications For Voting

Many veteran students will have their first opportunity to vote as civilians this Saturday but there is some confusion as to who is eligible to vote in Brazos County. Here are the qualifications in brief.

You must be 21 years of age, a citizen of the United States, a resident in the state of Texas one year, preceding the election date, and maintaining a residence in this county for the past six months. If you have been discharged within the last 18 months you do not have to pay a poll tax to vote this year.

according to Dr. Lindsay. Crude oil pumped from deep wells may contain up to 200 pounds of ordinary salt per 1000 barrels. The salt has a corrosive effect on metals with which it makes contact and in addition "poisons" or makes less effective catalytic agents used in modern refinery practice to "crack" the crude down to gasoline.

Due to these actions of the salt, Lindsay says, refineries have used a number of methods of desalting, including distillation, chemical and electrolytic processes to remove the salt before cracking. The fiberglass process is a new and probably far less expensive means of desalting.

Three Committees Looking Around At Bluebonnet

Three committees met in Waco this morning and from there are scheduled to go to the Bluebonnet Ordinance Plant in McGregor, Texas, in order to look over and discuss A. & M.'s application for use of the property on the actual grounds of the ordinance plant.

These committees are from A. & M. College, Surplus Property Office in Dallas and War Assets Administration Office in Washington.

The committee from A. & M. consists of President Gilchrist, Dr. R. D. Lewis, Dr. Ide P. Trotter, C. H. McDaw, D. W. Williams, J. T. L. McNew, and E. L. Angell.

From the Surplus Property Office in Dallas: Morgan R. Lewis, Robert Harris, Col. Hayden.

From the War Assets Administration Office in Washington: Robert Alford, Mr. Forney, and Fred Horn from the U. S. Dept. of Education.

E. L. Angell, assistant to the president of the College, stated Tuesday that it looks quite likely A. & M. College will eventually have the use of the Bluebonnet acreage. The plant includes approximately 18,000 acres of land for various uses in the agricultural field, and also many facilities in the engineering field.

During the six-day conference, the committees will decide what parts of the \$15,000,000 installation, now appraised at \$5,300,000, can be utilized by the college.

Beat the Heat Just As the "Tommys" Do

One Aggie on the campus has the solution for hot weather well in hand. If women can wear midriff attire, why can't men wear shorts to keep cool? This is the conclusion that one Aggie came to Monday when he attended classes wearing a pair of khaki shorts with a short sleeve khaki sport shirt.

If in the future, you see men on the campus wearing khaki shorts, don't think that the British "Tommys" have invaded the campus, but that it is just an Aggie trying to beat the heat.

Injured Horseman Improving

Owen Garrigan, horse herdsman for the Animal husbandry department of Texas A & M College is reported to be showing considerable improvement from injuries received when he was kicked in the head by a horse on Friday, July 19.

On last report, he was reported to be able to take nourishment and may be able to receive visitors within a week.

Wisconsin U. Student-Union Expert Here to Advise on Proposed Building

Mr. Porter Butts of the University of Wisconsin in Student Union, Madison, Wisconsin, arrived on the campus yesterday to attend a series of conferences with college officials pertaining to the eventual erection of a Student Union Building here.

Mr. Butts is an outstanding authority on Student Union affairs and has been a member of the Association of College Student Unions for many years.

He has been invited to A & M to inspect the present campus set-up and to advise the interested officials as to how such a student establishment can be created.

Yesterday Mr. Butts was shown over the campus to familiarize himself with the present physical plant and student activities before attempting to make any recommendations. Today and tomorrow he is to confer with the several interested parties. He will leave the campus tomorrow evening.



Owen Garrigan (second from left) as college received gift horses.

Garrigan, who has been connected with the college for about thirty years, is one of A & M's staunchest supporters and one of the foremost authorities on Aggie life. He is directly responsible for the excellent condition of the college horse herd.

Your Right and Privilege . . .

Saturday, thousands of Texans will go to the polls, the first peace time poll in years, and voice their opinion as to whether it's "time for a change" or that the men who have served at home, in the state capitol, and court houses should carry on rather than "change horses in mid-stream."

Don't lose your vote! The Battalion by this doesn't mean for anyone to be sure and know the winner before voting, but be sure and use your right and privilege to vote. If you haven't voted absentee through your own county clerk and feel that you might be eliminated from the polls here in Brazos County, plan now to hit the road. Two years under the wrong administration can lower a community in commercial and educational as political standing.

The majority of us have been handicapped during the past four years, either by age or absence from the state or country, and have been unable to exercise this right. It has been shown that many of our counties and local officials are selected by less than ten per cent of the voting power of that county or community.

Vote your own choice. Carefully select the man you leave on the ballot. If you are not acquainted with any of the candidates of a certain race, scratch all of them. This will in no way disqualify your other selections. Isn't it far better to let those who know select the right man rather than to choose by "guesstimation"?

Join Texans who are interested in the welfare of their state, their county and their community. Vote Saturday!

The Senator's Advice . . .

Last Sunday the Post Office floor looked far worse than the Administration Building floor after a day of registration under the old system. That must have been the day for the mail siege of College Station by candidates for state office.

One of the publications was "The W. Lee O'Daniel News". Extracts from this Washington paper were made, including the front page of the July 16 issue and a lengthy article titled "Here is Answer to Who is Dr. Homer P. Rainey". Someone went to a lot of time extracting from various publications and speeches to define or describe Dr. Rainey.

On the front page in the column titled "The Senator's Column" written by Senator O'Daniel which more than supports The Battalion's above editorial.

From the senator's column: "So it is all important that the people be most careful in their selection of the men and women they send to Washington to represent them in the Congress. In years past it appears that the people have not been too careful in the placement of their confidence. Men and women wig-

(See SENATOR'S page 2)

Dr. F. M. Nelson Sent to Korea By State Dept.

Dr. Frederick M. Nelson, assistant professor of history at A. & M. on leave, has terminated three years duty with the Navy and is now being sent by the State Department to Korea.

Dr. Nelson has been doing research work for the Navy in the congressional library at Washington and at Columbia University in New York. He studied the languages of the South Pacific Islands, preparing to take over the Military Governments after the occupation, but had not received his assignment when the war ended.

He was expecting to return to the history department this fall, when he received his assignment from the State Department. He will be gone for a minimum of one year.

Dr. Nelson is a native of Council Bluffs, Iowa, and earned his way through college playing in an orchestra. He received his B. A. Degree from Mississippi State College, his M. A. from Omaha, Nebraska, and his Ph. D. from Duke University in 1939, at which time he joined the A. & M. Staff.

Dr. Nelson has made a complete study of the people of Korea from barbarism to the present time. This study involves the relation between Korea and the other powers of the world. He wrote a book entitled "Korea and the Old Orders in Eastern Asia," on his study which was published in 1945.

Mrs. Nelson and two children will live in Starkville, Mississippi while Dr. Nelson is away.

New and popular books may be found in special bookcases on the second floor of the A. & M. Library, near the loan desk.

Dr. V. A. Young Heads Range Management Dept.

Will Come to A & M Sept. 1 From U. of Idaho, Has Outstanding Record

Dr. Vernon A. Young, head of the department of range management at the University of Idaho will become head of the recently organized department of range management at Texas A. & M. College, effective September 1, according to an announcement by Dean C. N. Shepardson of the A. & M. School of Agriculture.

"The range management department at Idaho, under Dr. Young's direction, has been turning out top men, and we feel fortunate in having him continue his work at A. & M.," Dean Shepardson said.

For some time there has been a growing realization of the need for more trained in the field of range management. With the establishment of the new department of range management the work in fish and game formerly offered as a major option in the course in general agriculture has been transferred to form a new course in range and wildlife management. This course, designed to give a thorough technical training in the conservation and improvement of range and wildlife resources, will have a common program the first two years. The junior and senior years will provide major options in range management and in wildlife management.

Advancement Required

"If agriculture would have parity with other industry, it must keep abreast with other industry in the technological development and adoption of new methods and new uses for its products. This in turn calls for men who are thoroughly trained in the several fields of scientific as well as practical agriculture and these changes in courses have all been designed with this purpose in mind."

Dr. Young, a native of Utah, received a B.S. from Utah State College in 1922, an M.S. from Iowa State College in 1924, and his Ph. D. from the University of Minnesota in 1929. He served on the teaching staff of the Univ. of Minn., Texas A & M, and Cornell University prior to his becoming head of the range management dept. at the University of Idaho.

He has done extensive research in range management, and in 1943 was on a two-year leave of absence to do research for the U. S. Soil Conservation Service in California. He is a member of various professional organizations, has published numerous articles and bulletins, and is listed in "American Men of Science."

Drapper and Jurack Attend Baby Chick Association

George H. Drapper, state chicken inspector, and Louis Jurack, state turkey inspector, are attending the annual convention of the International Baby Chick Association, organization of chicken and turkey hatcheries, in St. Louis. They will return to College Station later in the week, E. D. Parnell, of the Texas A. & M. College poultry husbandry department, said.

August 10 Deadline for Julia Ball Lee Scholarship Applications

Outstanding students in the field of biological science will be the recipients of a fellowship which will enable them to study at Texas A. & M. College for one year, made possible through the generosity of the late Dr. and Mrs. Oscar M. Ball. Dr. Ball was head of the A. & M. Biology Department for almost 35 years prior to his death in 1942.

Known as the Julia Ball Lee Fellowship, it was created by a joint will of Dr. and Mrs. Ball in honor of their daughter, Julia

Tom Roof '43 to Train For Extension Radio

On completion of the Fourth Refresher Course for county agricultural agents, Tom Roof of Cleburne was assigned to the Extension editorial department for special training in radio under C. W. Jackson and Sybil (Claire) Banister, according to an announcement by Director Ide P. Trotter.

A graduate of A. and M. College in 1943 with a B. S. degree in agronomy, Mr. Roof spent the following three years in the Army. He served sixteen months in the European theater of operations.

Vote of Appreciation Given Zinn; O'Daniel Voted Out

27.5% of Students Plan to Vote Here; Many Suggestions for Improvement Given

Despite the continued hot weather and the warm political disturbances—both statewide and local—it is Rainey at College Station as far as the students are concerned. In the Battalion poll conducted Tuesday, the last day of filing absentee ballots, Dr. Homer P. Rainey received favorable consideration for governor by 67.4 per cent of those polled.

Binnie Zinn, the veterans' friend, was given a vote of confidence and appreciation by over 90 per cent of those polled.

Dr. Humbert Goes On Modified Duty In September

Dr. E. P. Humbert, head of the Texas A. & M. College department of genetics since 1921, and a member of the college staff since 1916, will go on modified service September 1, relinquishing his duties as head of the department but continuing to serve as a professor, Dean C. N. Shepardson, of the A. & M. School of Agriculture, announced yesterday. Dr. Humbert will be succeeded by Professor Chauncey B. Godbey.

Dr. Humbert came to A. & M. in 1916 as chief of the division of plant breeding, and was appointed professor and head of the genetics department in 1921. He is a graduate of Iowa State College and received both master and doctor's degrees from Cornell University. He taught at Iowa State College, New Mexico Agricultural College, and at A. & M. He was assistant in plant breeding at Cornell, a plant physiologist for the Department of Agriculture, and an associate biologist, agricultural experiment station, in Maine. He is a member of the American Society of Naturalists, fellow in A.A.A.S., American Genetics Association, Sigma Xi, Phi Kappa Phi, and has published various articles and technical bulletins.

Professor Godbey is a graduate of the University of Kentucky and Texas A. & M., and has been in the genetics department since 1926. He was appointed professor in 1936, and is recognized for his work in genetics and biometry, the statistics of biology. "Among research workers throughout the state, he is recognized for his work in genetics and biometry, and is considered by students and staff one of the outstanding teachers on the campus," Dean Shepardson said.

Professor Godbey was an Infantry captain in World War I, and is a member of various professional organizations, including: Poultry Society, Association for the Advancement of Science, American Society of Agronomists, Texas Cattle Society, Alpha Eta, and Alpha Gamma Rho. He is active in civic and church affairs, and is married and has one daughter.

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In other state races Senator Tom Conally, Boyce House, George H. Shepardson, Jessie James, Pat M. Neff Jr., J. E. McDonald and Olin Culberson led the field in their respective races. O'Daniel Out

To the question "If Senator O'Daniel were a candidate for reelection this year would you favor his re-election?" 93.2 per cent answered "no."

Approximately 27.5 per cent of the veterans eligible to vote plan to do so here at College Station. Of the remainder approximately 28.8 per cent had already filed absentee ballots.

On the questions concerning education, 68.9 per cent of the students polled desired a specialized training for education, 1.8 per cent desired a happy medium and the remaining 29.3 per cent desired a general education. Some 10.9 per cent of the students felt that their education was becoming too specialized.

Many Suggestions

Students polled were given an opportunity to suggest recommendations for the betterment of the college or any of its organizations or activities. The establishment or re-establishment of some form of student government was advocated by a large number. Also mentioned frequently was an additional pay raise for instructors to meet the national standard.

In regard to student government requests were made to make the Student Council active and a board with some power. Others were made that the corps discipline be charged once more to the Professor of Military Science and Tactics. One voiced his suggestions of returning the corps to the status of '39-'40.

Those interested in the betterment of the scholastic standing of the school suggested that another pay raise be studied and voted if possible, that a study be made of all curricula with substitution of general educational subjects and lengthening of all engineering courses to five years to permit research and general subjects to be added. One student recommended that in regard to

(See BATT POLL, Page 4)

Saturday's Children In Groove at Grove For Campus Dance

Aggies were really in the groove Saturday night dancing to the melodious music of the Aggieband band. This was the first of a schedule of Saturday night dances at the Grove, sponsored by the A. & M. Student Activities, for the benefit of all Aggies, either dancers or listeners.

The Aggieband, under the leadership of Bill Turner, with vocals by pretty Nell Arapulos of Bryan, attracted a crowd of about 150 dancers from their "holes" around the campus and once again awakened Texas A. & M.'s outdoor concrete dance slap properly named the Grove. The dancing began with a timid few at nine o'clock and built up to a very pleasant crowd when the sweet notes reached many entertainment hungry summer school students.

The stag line was present but its members have thinned out considerably since the regular term and most of them were merely listening and wishing.

What's Cooking

Friday, July 26
6:30 P. M. The Newman Club will meet in the new area "Y".
7:30 P. M. The Ex-Servicemens club will meet in the assembly hall.

Saturday, July 27
ELECTION DAY, BE SURE AND VOTE.
8:00 P. M. The Newman Club dance at the K. C. Hall in Bryan.
Monday, July 29
6:30 P. M. The Student Chapter of the American Chemical Society dinner honoring Dr. F. W. Jensen.

Tuesday, July 30
7:00 P. M. The Architectural Society will meet.

Wednesday, July 30
7:30 P. M. The Camera Club will meet in the basement of Guion Hall.