

STUDENTS MAKE INSPECTION TRIP TO OIL COMPANY

Last Thursday afternoon the senior Chemicals and the junior Fire Protects, under the supervision of Professor Bentley of the chemical department, went on an inspection trip to the plant of the Standard Oil Company of Indiana.

The crude petroleum supply comes from the Oklahoma oil fields, from which it is pumped to a large tank farm. From this farm, the oil is distributed to the various oil companies such as Sinclair and Standard Oil. Upon arrival at the refining plants of the various companies, the petroleum is subjected to a process of fractional distillation, the various products being obtained because of the difference in their boiling points. Some of the products obtained by this distillation are gasoline, naphtha, kerosene, lubricating oils, and petroleum coke. In former years the kerosene was the desired product, the gasoline being rejected because of its low vaporization point and high explosive qualities. Since the advent of the automobile, however, gasoline is the major product, and because of the great demand for it, it is desirable to obtain as high a yield as possible. The desirable high yield is obtained by the cracking process.

This process is to break up the large molecules of these constituents causing a higher yield of the products having the lower boiling point. Various distillates are treated with caustic, sulphur acid, and in some cases Fuller's Earth is used for the removal of coloring matter which is undesirable. Lubricating oils which are capable of passing the low temperature process tests are procured by the refrigeration of the oil. The refrigeration causes the paraffin in the oil to settle out. The paraffin is then filtered off and is used in the manufacture of such articles as candles.

The Standard Oil Company operates the largest and best equipped oil research laboratories in the United States and many developments perfected in their laboratories are visible at the plant of the Indiana section.

GRAD REPRESENTS TECH

Mr. James R. Sloan '97 represented the Armour Institute of Technology at the inaugural exercises of Dr. Ralph Cooper Hutchison as President of Washington and Jefferson College on April 2, 1932.

Mr. Sloan, who has the degrees of B. S. and E. E., is Chief Electrician of the Pennsylvania Railroads.

ARX NEWS

The results of the Class A Project have been published. Arron, Braun, Hofer, Lindblad, McLane, Navarati, Tonsager and Wichser are going to the New York jury to try their luck there. The problem was, "An Armory for an Anti-aircraft Regiment."

In the design of a Chinese pagoda, mentions were given to A. G. Anderson, A. Cole, C. A. Emling, T. D. Luckett, R. L. Phlak, and M. Wise.

For the interior design of a restaurant overlooking a river R. R. Tufts received a mention. Other mentions were received by R. A. Peterson, M. Poe, and I. A. Sugarman on their plans for a hospital.

The Class A men were on Saturday, April 2 over to the Chicago Architectural Sketch Club to take the esquisse for the Club's scholarship problems. The program this year is, "A Collaborative School of Fine Arts." And the judgement will be May 16th. Officially the problem is known as the 32nd Annual Foreign Travel Scholarship of the Chicago Architectural Sketch club and carries with it a prize of \$1,200. Albert J. DeLong, '31, won the prize last year with the problem, "A Curative-Bath Establishment." Thomas A. Carter, '31 placed second.

Any Junior architect will verify the statement that the wearing of shorts minus the trousers mean something drastic has happened.

REVIEWS

SPARKS FLY UPWARD

By Oliver LaFarge

For one who has read that delightful and absorbing tale, *Laughing Boy*, there has developed a naturally strong interest in the works of Oliver LaFarge in our mind. It was his first novel, and a worthy prize winner. None of its readers could ever forget the thoughtful Indian maid and her artist lover. LaFarge knew the Pueblo Indians and this story showed a meticulous study of their native artistry.

His second book, *Sparks Fly Upward*, can be classed as a better example of the art of novel writing, for he gives a good exciting story with all the proper ornaments—hero, beautiful but shallow woman, less beautiful but more faithful woman, politics, adventure, and a Mexican revolution thrown into the bargain for a climax.

With the ornaments thus appraised, a glance at the substance reveals it to be the conflict which the hero, an Indian with a strain of Spanish blood, suffers within himself. His duty as an army officer about the country enforcing the uncompromising tyrannies of the political regime of that time, 1840, on the poor Indian peasants. Here you get something which is a clever mixture of adventure and blood and thunder and a study of its mental reaction on the adventurer.

The young colonel's power and position in the state was pure good fortune, but his sympathies were with the people he oppressed. His ambition, however, arose from that most powerful of forces (according to novelists), love. Between the desire to execute the orders well and advance in the eyes of his loved one and the growing consciousness of the evil nature of these duties the read-

Small Attendance at Soph Class Meeting

A meeting of the Sophomore Class was held in the Assembly Hall last Friday, April 8 at 10:30. The purpose of the meeting was to increase the sale of bids for the Frosh-Soph dance which is to be held next Friday. A number of sophomores gave their opinions concerning the sale of bids and made a plea for more cooperation. Because of the small attendance another meeting will be called in the near future.

er gets a view of conflict within the man.

How he used his power and how he solved the mental turmoil is the story. It is marvelously complicated by the fact that his loved one was the wife of the powerful political patron to whom he owed everything. We feel that the political patron was served right—pompous old men should be careful about their wives especially when they are thirty years younger, beautiful and simple.

Perhaps it is occurring to you as you read this that it is all a bit funny. There is where the masterfulness of the LaFarge style comes in; everything is presented in a convincingly rational fashion.

The atmosphere of the book is Mexican. Whatever LaFarge can possibly do to further the picture of that country in the mind of the reader is incorporated in *Sparks Fly Upward*. The literal translation of the idiom of the language to express ideas in English is a delight to anyone who happens to have a small acquaintance with Spanish. All the names are Spanish and the persons portrayed are presented as authentic types. There has been criticism about this feature of such books. By way of defense, we might say that if a novel is about Spaniards or Chinamen we must expect in the

Fraternity Notes

BETA PSI

Last Tuesday evening Beta Chapter of Beta Psi held their annual election of officers for the coming year. The following men were elected:

William Lange—President.
LeRoy Anderson—Vice-president.
Armand Hahn—Treasurer.
Howard J. Zibble—Secretary.
Roy Wittekindt—Sergeant-at-Arms.

For the last few days, Brother J. T. Even '28 has been visiting at the house.

The abundance of sore muscles with the decrease in the liniment supply tells the story of the strenuous indoor baseball practices held last week.

Last Saturday evening Beta Psi held their annual Spring Informal. It was well attended with many of the alumni present, among them being Jack Segeler, John Janak, John T. Even, and Mr. and Mrs. Johnson.

story Spaniards and Chinamen and not the everyday Americans which we already know too well.

When we said above that *Sparks Fly Upward* was a better example of the art of novel writing that was an attempt to classify it. It is as exciting as the yarns of Sabatini but unlike them it assumes that people have minds and feeling.

Let me urge this book on you for a little nip of relaxation after that next physics quiz or some other time when you are in a mood for a lazy evening. Mexico is a long way from here and, perhaps, under some conditions, a more comfortable place to be than Chicago. Take a free trip for a few hours, via *Sparks Fly Upward*, and we hope you like it.

By Harold Monger.

THETA XI

Last Friday evening, Alpha Gamma chapter was host to about sixty alumni for dinner. The occasion was the formal initiation of two alumni of the former local fraternity which is now our newest chapter at Kansas State College.

Brothers Harry Smethells and Harry Sheppelman were visitors at the house last week.

RHO DELTA RHO

Initiation time will soon be here and the pledges have been actively engaged the last two weeks with the preparation of newly designed oak paddles. They will come into intimate contact with their work at the prescribed period when the active members, to whom the paddles are given each year, start swinging.

First practice for baseball team will be held tomorrow when the members will attempt to clinch team positions. It will be held in Joyland Park, at 5:00 P. M. Sid Cannel has been appointed to take care of all tennis activities.

SIGMA KAPPA DELTA

An alumni smoker was held at the chapter house last Friday evening. Many of the old alumni attended and matched their bridge playing skill against the actives and pledges.

TRIANGLE

On Monday evening, April 4, Armour Chapter of Triangle held its annual election of officers. Following are the men elected to offices for the ensuing year:

Raymond Dufour—President.
Walter McWilliams—Vice-president.
Roy Ekroth—Treasurer.
Eric Smith—Steward.
George McBrady—Corresponding secretary.
William Malloy—Librarian.

The installation of officers will take place tonight at the Founder's Day Banquet which will be held at the Engineers' Club.

Among our visitors this past week were Bro. "Chuck" Chandler, an alumnus of this chapter; Bro. Gorder and Littiker and guest Haysen, all from the Badger chapter; and Brother Ballof of Iowa chapter.

SIGMA ALPHA MU

The entire active chapter attended the alumni meeting last night at the Covenant Club. In addition to the members the pledges also were in attendance.

The meeting was a Sigma Epsilon night featured by the attendance of Armour alumni. The old grads were very enthusiastic about the Development Plan.

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NORMAN BROCKENSHIRE, Announcer
COLUMBIA NETWORK