

ARKANSAS CONTEST TO START SEASON FOR TECH CAGERS

Merz to Be Back in Lineup Before Opener

FIRST GAME DEC. 5

With the first game less than a month away the Tech cagers are swinging into their practice in earnest, determined not only to do as well as last year, when they won eleven out of sixteen, but to go even better and win them all. With only two of last year's regulars gone, the team is almost the same as the one that did such noble work in taking eleven of their first thirteen games.

North Central Team to Beat

The season begins on December fifth with the boys from way down Arkansas way coming up to the Armory to get licked, we hope. Other contests will follow in rapid succession, each time with the home boys out on top, again we hope. However, one of the few games that looks doubtful is the encounter with North Central on their home grounds. Armour has lost every contest with them in the last six years, but, as their team regulars graduated last June, it is thought that we might turn the tide and do a little winning on our own part.

Based on their last year's showing, it would seem that, barring unforeseen accidents, the men will take practically every game. Lake Forest should fall easily, and Wheaton, though a stiff team, has yielded fairly consistently to the Tech attack. Michigan State Normal, who lost both their games last season, should follow suit this year. George Williams hasn't been much trouble, and Chicago, despite their big ten label, haven't been the best competition. Arkansas, Carroll, and Detroit U. are all new teams and so can't be counted upon to drop their games, and judging by their showings last year in their own leagues they might prove rather stiff.

Team Not Cut Yet

All of the men, of which there are some nineteen or twenty, show promise in their respective positions and will probably be in as fine shape as last year. The guard combination of Warner and Dollenmaier, co-captains, is functioning as of last year and Heike is sinking his line shots with regularity. Merz, regular center, is out of the running at present with a twisted ankle suffered in a recent practice and is limping around school on a cane. He says that a few days will show enough improvement so that he will be able to resume practice and be ready for the first game.

THREE TEAMS OUT AS FAIR WEATHER SPEEDS TOUCHBALL

SOPH. M. E. TAKE JR. E. E.

Using the same rough and tumble tactics that characterized their previous game, the sophomore mechanicals downed the junior electricals by a score of 24 to 6.

Early in the first half, the sophs placed themselves in a scoring position when Engelthaler received a beautiful toss from Seidenberg, and scored the first touchdown. The juniors took the ball on the kick-off, and with Slowiak as quarterback, they attempted to march down the field. However, the line work of Faust and Rodkin hurried the passes, so that most of them fell short.

The juicers opened the second half but lost the ball on downs. Once again the Seidenberg, Engelthaler combination got under way but the opposition tightened up enough to prevent a score. The electricals took the ball and opened up with a barrage of long passes. One of these plumped into the hands of Graupner for the first and only junior tally.

Ruffled by this opposition, Seidenberg took the pigskin on the kick-off and, aided by Chelgren's blocking, romped the length of the field for a touchdown. Losing the ball on downs, but regaining it shortly afterwards, the mechanicals pulled a trick play in which Rodkin tossed a short lateral to Seidenberg, who sailed a long pass over the goal line to Engelthaler for the final score.

JUNIOR SCHMIERS WIN

As chemical engineers, the junior schmiers again proved their worth as football players by outrunning the senior fire protects 12-6 in a close battle of deceptive plays.

The first real break of the game occurred near the end of the first half when the chems, returning a kick to the fifty yard line completed a forward from Hackman to Heike on the ten yard line. From here Skuza planted the ball in to the waiting arms of Hackman over the goal to draw the first six points of the game.

Later in the second half Heike took the ball on the chems' forty and ran to the other thirty to put the chems in scoring position. From Hackman to Forberg the attempt was complete and the score was raised to 12-0.

Quandee of the fire protects snatched the kickoff on the thirty and lateralled to Neal who carried it to midfield. Neal then ran it to the twenty, but the attempt to pass over the goal was a failure. A chem pass was later intercepted by Quandee enabling him to pass in the next play to Neal on the five yard stripe, who carried it over for a touchdown.

The ball was twice intercepted by the fire protects during the remaining two minutes in a vain attempt to tie the score.

E. E. 4 SHOCKS JR. MECHS.

After a half an hour of plain and fancy fumbling on the part of both teams, the senior electricals emerged victorious over their rivals, the junior mechs, by the score of 14 to 0.

Much of the ground gained during the first half was by Lugullo of the mechs who made many fine runs, but because too many passes were being dropped, they were to no avail. The first threat of scoring was on the part of the electricals. It came in the nature of a low bullet-like pass by Warner, but fell incomplete in the end zone for naught. A nice

Tackle Football Is Due Next Friday

After an absence of thirty years tackle football is again to be played at Armour. The sophomore mechanicals with a make up team composed of themselves and their classmates have issued a challenge to take on all comers, and it has been accepted by our lowly freshmen. Next Friday at three o'clock is the time set for the slaughter.

This meeting should prove very interesting not only from the uniqueness of the sport here, and from the fact that the teams have no equipment, but also because of the natural feud that exists between these two classes. During the game the freshmen will receive their opportunity to get even (if they can) with the second year men who have had a joyous time depanting them. On the other hand the sophomores will be fighting doubly hard to uphold the tradition of keeping down the frosh. Both teams are made up of men who are no setups on the football field. The sophomores have Chelgren, Simeon, Siedenber, and others. The freshmen, led by Tullgren and Margetic, intend to do all in their power to even up any scores.

catch by Biil in the end zone near the side-lines brought the first score for the juicers.

Near the beginning of the second half, much tense play near the mechs' goal line finally concluded with the electricals getting a safety. Again, the mechs in the person of Lugullo, gained ground consistently and came very close to scoring on a long pass to Harold, which bounced just out of his reach in the end zone. Another tally for the electricals came when Warner made a running catch of a long pass and trotted over the goal line.

Techawk Fencers to Have Difficult Meets

In anticipation of the coming season, the fencing squad is being whipped into final shape. The first meet is expected to be held during the Christmas holidays with the Lake Shore Athletic Club. After receiving a letter from Purdue, manager W. Emmerich has tentatively scheduled another meet for some time in February.

There will be seven positions open on the squad: three foil men, two saber men and two epee men. Every Monday and Friday at five o'clock finds the fencers busily at work in D Mission. The squad has been greatly strengthened by the transfer of Kahle from Purdue. Being not only an excellent foilman but a good saber and epee man he boosts Armour's hopes for a championship team. Mr. Setterberg is actively sponsoring the fencers and hopes to have the sport recognized by the A. T. A. A.

New men may still come out and will be amply instructed under the supervision of Captain Z. Tryzna.

Honor "A" Discusses Awarding of Letters

The award of letters was the most important topic discussed at the last meeting of the Honor "A" Friday, November 8. W. D. Concolino was chosen chairman of the committee to decide upon the award of letters. Other members of the committee are J. F. Bartusek and E. A. Heike. Although a majority of members was not present a new constitution was adopted after a general discussion.

Another important point brought up at the meeting was the issuance of lifetime passes to all athletic events at Armour to lettermen. Pledging of new members was put off until the next meeting.

WATER PLANT—

(Continued from page 1)

upon coagulation and precipitation of suspended and colloidal matter in waters of low turbidity.

As a starting point in the actual experimental work, the minimum amount of turbidity required to provide a sufficient number of nuclei about which the coagulating aluminum sulfate and sodium aluminate could form was determined.

Suggest New Method

Water of low turbidity is difficult to treat because the fine particles penetrate the filter bed. As one method of facilitating coagulation, it is suggested that artificial turbidity be added to bring the total to 50. However, investigations at the water plant suggest the new idea of extending the time of coagulation from the standard practice of 15-30 minutes to periods as long as one and one-half hours. This is brought about by mechanical means.

The increase in time, however, is more than compensated for by the fact that the water which is treated in such a manner requires about one-half the time to settle that is required by water treated in the usual fashion. Therefore, while the reaction chambers must be enlarged, the sedimentation basins may at the same time be decreased in size.

Plant Has Won Notice

Armour's plant is one of the few experimental plants in the country, and its outstanding feature is its considerable flexibility. It has been featured previously to this in a special article in the *Engineering News-Record*.

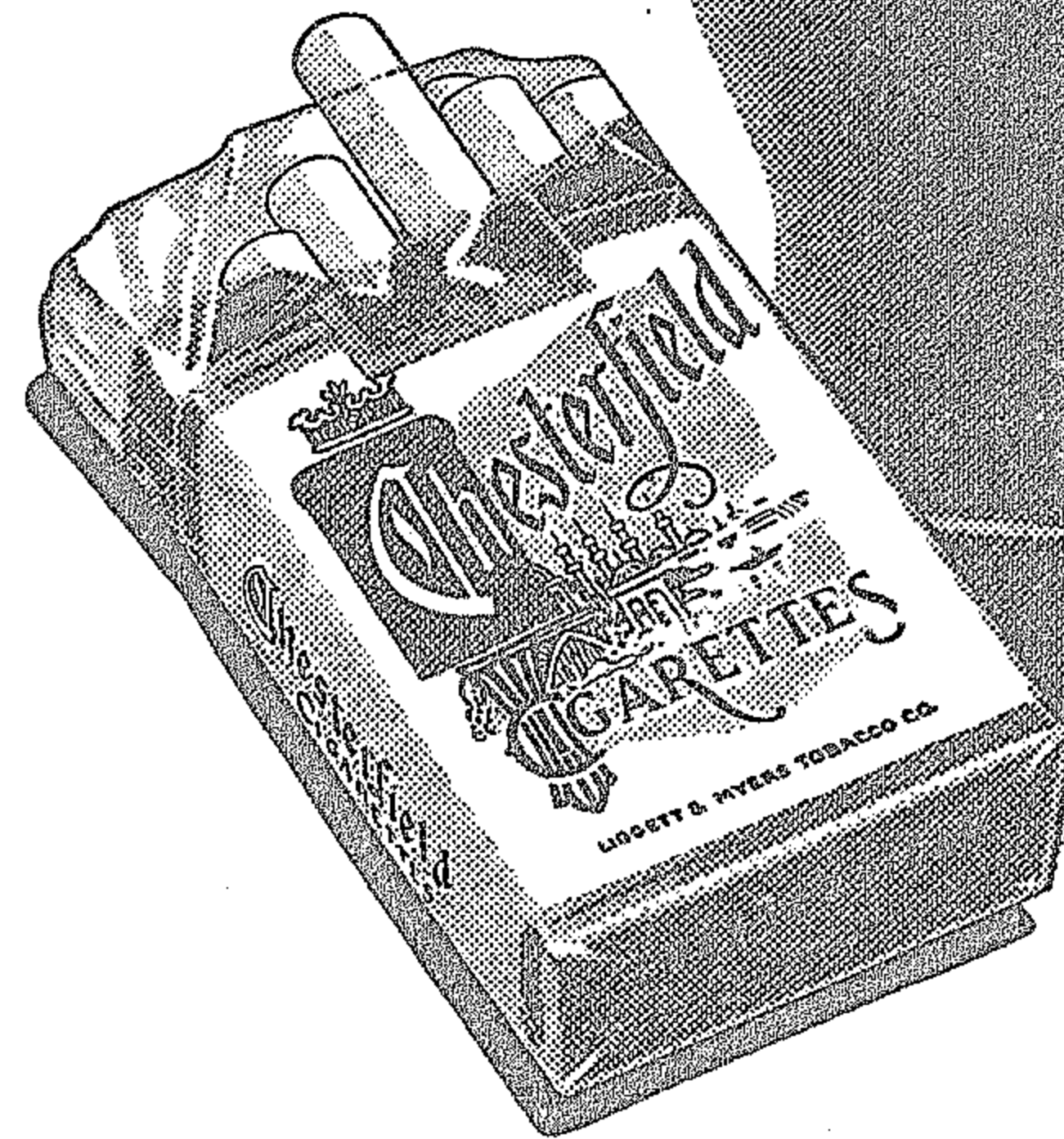
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Of course, I'm just getting them in case the boys should call—



They do say they're milder and taste better —
and I've heard tell they satisfy