## Rose-Hulman Institute of Technology Rose-Hulman Scholar

#### Technic

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Rose Technic Staff Rose-Hulman Institute of Technology

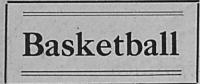
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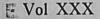
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The Rose Technic

# Rose Polytechnic Institute



## TERRE HAUTE, INDIANA, DECEMBER 1, 1920.

### NUMBER 5

#### More New Equip- The First Technic Engineers Win Well Rose Spirit High ment Dance Before Big Game Played Game

Friday night, before the big game, Rose proved once more that the old time spirit, which had elevated her from the ranks of more common-place institutions, was still alive. The monster parade formed at seven bells with every true engineer in line. The advance guard of heavy artillery was in command of Colonel Gilkison and the guns were manned by gunners Sewell, Ronald and Englehard. Next came Tech's famous band, the band which is a band twice a year, and the ghost of the elephant danced to the tune of "A Ramblin' Wreck." After the band came two hundred picked men with blood in their eyes and Beechnut in their mouths, ready to prove to the populace that Rose was the only man's school in Terre Haute.

the only man's school in Terre Haute. After parading the main drag and givin' the old familiar yells and songs a workout, yell-leader Pittman led his white clad whorts thru the Liberty, proving that a Rose man can go anywhere and get away with it. To end up the gala affair a great circle was formed around the "corner cop," a true follower of St. Pat, where some more pep was let loose. No wonder Rose walloped Normal,

#### SIDE LIGHTS AT THE NORMAL GAME

Coach Hanna of Normal who really had no business running up and down the field practicing semaphore, narrowly escaped having the seat of his pants burnt off. In passing the artil-lery that caused the tender hearted Normal players to fumble and quail Hanna was lifted from his feet by a broadside fired by none other than the great strategist Robert Kenington Se-well himself. With great precision and care Sewell closed both eyes and cut loose the blast that so nearly brought all Jasonville into mourning.

Standing in his machine bestowing a smile that shone with benevolence and good will on all his flock the doctor so far forgot himself that with a mighty sweep he threw his hat sky-ward and let out a lusty yell for Rose. By this one outburst he so endeared himself to the student body that it would be no surprise if from now on he would be "Dear Old Prexy" "The Grand Old Man of Rose." and We're for you, Doc,—just forget the stand point of the school teacher and con-sider the human view point a little

Among, the white hopes that reported for football in the early season at Normal was a certain gentleman reputed to be a great football man. He

The Indiana Bituminous Coal Operators Association, through their secretary, Mr. Phil H. Penna, has presented the Institute with a check to be used in the purchase of a Motion Picture outfit.

Prof. Knipmeyer, who was largely instrumental in securing this gift, is now investigating the various makes of motion picture machines and it is expected that the order for one will shortly be placed.

This is a piece of equipment which has long been needed at Rose. It is now possible to secure many extremely interesting films covering industrial operations and the various phases of education. Heretofore the lack of equipment for exhibiting, them has precluded the possibility of showing these.

We are all under very great obligation to the Operators Association and to Mr. Penna for this valuable and

ATUMNINOTES

F. Caspar Wagner, '16, has left the General Electric Co. and taken over he managership of the Independent Ice and Fuel Co., at Richmond, Ind. Raymond F. Abbett, '19, was a visi-tor at the Institute on Monday. Ab-bett is engaged in the dye industry with the Cincinnati Works, Inc., at Cincinnati, O. This plant is under Swiss management.

The marriage of Chesleigh Gray, '13, to Miss Mary Edna Douglass, has been announced. "Dolly" will long be re-membered as one of the best football men ever produced at Rose

the history of Rose was given by the the Technic staff on the night after the Normal game, November twentieth. It was marked by a very large attendance and the same old Rose spirit that was so evident in the afternoon was shown in a different way. A splendid oppor-tunity to get together was furnished the many alumni who had come for the game. Dancing started at nine o'clock and continued until twelve, the music being furnished by Zwang's orchestra of six pieces. The affair was chaperoned by Dr. White who, like everyone else, was elated over the brilliant success of the team. It was a real celebration for a real victory. Watch for the date of the next dance.

#### BETHLEHEM'S NEW TWO-CYCLE FUEL-SAVING MARINE DIESEL ENGINE

Charles M. Schwab chairman of the Bethlehem Steel Corporation, makes the following announcement:

"It is a great pleasure for me to announce that Bethlehem Steel Corporation and the Bethlehem Shipbuilding Corporation, Ltd., has perfected a new two-cycle fuel-saving marine Diesel engine, especially designed for American operating conditions and adapted to land use as well as cargo vessels of any size. In the science and practice of marine engineering, this new engine represents a far greater ad-vance over the oil-burning steamship than the latter is over the coal-fired steamship. It is also regarded as a signal triumph for American engineer-ing skill in a field hitherto dominated entitely by Europeans.

## **Outclass State Normal in Final Game** of the Year

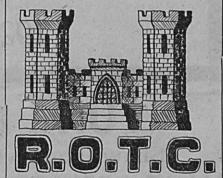
resents two distinct phases of advance in marine engineering: (1) For the first time an internal-combustion heavy oil engine for either marine or land uses has been perfected which is not only designed and built by Americans, but is built especially for Americans and is adapted to American operating conditions. (2) For the first time a two-cycle internal-combustion heavy oil engine has been perfected which produces the same horsepower as a four-cycle engine practically twice its size, and is at the same time adapted to large cargo ships while saving twothirds in fuel cost alone, as compared

with steam-driven, oil-fired vessels. "Neither of these developments is theoretically a new idea. For years Europeans have successfully operated large ships with Diesel engines. The achievement of Arthur West, the Bethlehem designer, who is at the head of our power department, is in the adap-tation of the two-cycle engine to American operation and in its perfection for practical use in cargo vessels of any size.

"The success of this engine has already been demonstrated in two ways. It was installed and operated for ten months as part of the power plant of the Bethlehem Steel Corporation at

to Cuba and return. "The operation of the engine at the take its place as part of the auxiliary power plant for the steel mills. Its operation on the Cubore not only demonstrated its practicability but its remarkable economy. The Cubore made the voyage from Sparrows Point, Md., to Cuba and back on one-third of the amount of fuel ordinarily consumed by oil-burning cargo vessel of the same size on the same voyage, and at a bet-ter rate of economy than has been achieved by any present type of Diesel engine.

"We also have in service between here and Cuba duplicate ships, except that some are fitted with turbine reduction gears and some with reciprocating engines, so that we have a direct comparison between the oil-engine installation and the most modern steam installation."—American Machinist.



Over thirty-five hundred people watched the Rose fighting spirit drive away the old jinx and trample the life out of Normal's hopes for a victory. The west bleachers and grand stands at III league park were packed to capacity, hundreds of people were standing on the side lines, and every automobile parking place was taken. Lots of spirit was shown by support-ers and students of the rival institu-tions and the Rose artillery roared out the forseen victory time and again. Truly it was a great day for engineers. Although this is the only important

game won by Rose this year, a victory over the Teachers is worth any num-ber of defeats, and all Techmen con-sider this year's football a success. Stars are hard to pick as every man

on the team played with the same fight and determination. Time after time the Tech line smashed thru the Normal forwards to break up plays before they had fairly started, and time after time the old Rose and White swept down the field carrying every-

thing before it. Captain Joe Englehard, although playing against the doctor's orders was a terror to the Normal team and the Bethlehem Steel Corporation at Bethlehem, Pa. It was then installed in our new ore-carrying vessel, the Cubore, which has just completed, on regular schedule time, its first voyage to Cuba and return. ("The operation of the angine of the torelation of the set touchdown that sealed Normal's fate. Bethlehem plant was so successful that we are building another one to team in great style. Rose's line was the strength of her team, however, and made victory a certainty by its superiority over the Normal forwards.

#### Game In Detail. First Half.

Normal kicked off and recovered the ball on a fumble. Coach Gilbert was playing the Rose Tech team. Two line bucks failed and after a penalty of 5 yds. and a loss around end Normal punted to Watson who returned the ball to the middle of the field. Rose was held and Watson punted 15 yards. Normal completed 15 yd, pass but were penalized for off-side. After a gain of five yards thru tackle Cochran, Normal quarter, threw a 25 yd. pass to his right end. First team went in for Rose and Conover intercepted a forward pass on the Tech thirty-five yard line. Normal stopped play thru center but Dix made eight off tackle and Bud went around end for ten more. Ick smashed thru the line for 15 yds., but Dix lost on an end run. Conover caught a short pass for eight yards and Normal took the ball on downs after four line bucks had failed. Dix received the Normal punt and Reinhard made ten around end. Normal recovered Dix's fumble on the next play and completed three forward passes of ten, eight, and forty yards. After failing to gain thru the Rose line another forward pass car-ried them over the goal line. Normal 7, Rose 0. After the kickoff Englehard went in for Conover who was in-jured. After a penalty of 5 yds. Rein-hard punted and Rose took the ball on downs. Joe made 8 yds., Dix made 2 ing is now under way. Cap orna-ments, insignia of rank, chevrons, and R. O. T. C. arm insignia are now en-Dix made ten around end and Englehard made 20 thru the Normal line. Gains of 5 and 6 yds. by Dix and Forsy-sythe were followed by a gain of 15 yds. by Joe. Forsythe went over for a marker. Rose 7, Normal 7. After making first down Normal lost the ball to Rose who advanced it 30 yards on gains by Englehard and Forsythe. Rose fumbled, Normal recovered and punted to Dix. A pass was intercepted by Winters but Rose again took the ball on downs. Englehard made 12 around end, Dix made 3, Joe made 3, and Rose gained 15 yds. on an ex-change of punts after Reinhard had Practice march for entire battalion planned for Saturday morning period in the near future. Formal Battalion review and inspection to be held beyds. and on the next play Steffan went over on a thirty yard pass. Rose 14, . Normal 7. Second Half. Reinhard's kick-off returned to mid-Continued on Page 2 Colum 2

# Diagram of Game First Hait.

much needed equipment.



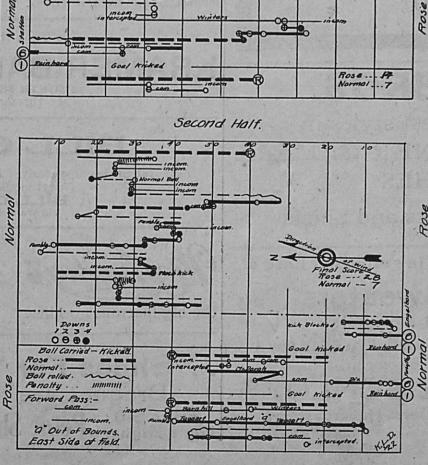


Next

started wrong right from the first when he overlooked the wonderful possibilities of penmanship and took up that dreadful subject, English. It was not long before the treacherous snags that lie in the river of learning caused him to seek again the golden fleece in the pastures of home. somehow he did turn up at the Normal Rose game and in suit, but per-haps he sneaked in without the coach is seeing him. When the score stood 13 to 7 he even reported to play. It is true that he did not play and for this Normal can thank the level head of their fullback who, calling time, told the coach what to do. Good sports-manship does not include ringers and the little fullback is a good sport.

Shakey Hager almost put Ray Harshakey hager almost put kay har-ris out of the game, by jabbing a wet sponge in Harris's mouth, he nearly put his eye out. Hager cer-tainly proves the old saying "He shook with joy." Now that rabbit sea-son has opened care should be taken in forwing all bunting portion in forming all hunting parties.

We would all like to know how Ducky Standau got away with that five dollar bet he won from his mother. It's just as easy to keep a duck out It's just as easy to keep a duck out of water or Kolinsky out of Rose as it would be to keep Standau out of a football game. Such methods are worse than highway robbery but if this bad money is turned over to The Technics' profit and loss account the case will be dropped.



Issuance of complete outfits of clothing is now under way. Cap orna-R. O. T. C. arm insignia are now enroute and will be issued as soon as received.

Extensive lecture courses, accompanied by moving pictures, planned for both classes during cold weather.

Sophomores now having lecture course in Military Law, Hygiene and Sanitation, Military Fundamentals and Army Organization, Army Paper Work and Methods of Supply. Freshmen re-ceiving theoretical instruction in Infantry Drill Regulations.

fore the Christmas vacation.

All Sophomores to receive thorough course in the giving of commands, writing of orders, etc., with particular attention being paid to the officers and non-commissioned officers in this line of work.

VOL. XXX.

ROBT. E. SEWELL HOMER A. CLARK DWIGHT R. SPENCER HARRY J. McDARGH

HERMAN J. KRAUSBEK.

Willis Williams Carl Royer John Morekead Curtis Lehner Charles W. Boland

Address all communications to

BUSINESS STAFF

REPORTERS

#### a fight with the Butler crowd which was greatly outnumbered. The spirit at the Normal game is the the value of the value o The Rose Technic Young Men kind that will make friends for Rose and it is this kind that we hope to see NUMBER 5 another gain of twelve yards and three line bucks netted 9 more. A Rose fumble gave the ball to Normal and Barnhill punted to the middle of the Terre Haute, Indiana, December 1, 1920 during the coming basketball, track and baseball seasons. of Rose Poly field as the whistle ended the fray. Normal (7) Rose (28) Published Bi-weekly During the Institute Year by the Students of the Rose Polytechnic Institute Engineers Win Well Here's a Proposition Jeffers. L.E. Lentz Issued quarterly in magazine form. Iss every other Wednesday in sheet form. Continued from Page 1 Curt Letsinger.....L.T..... Moorehead dle of the field and after losing ground on four successive plays Normal punted to Reinhard who fumbled the ball. Normal recovered and punted again after failing to gain thru for-Clint Letsinger .....L.G. Wright Campbell. Wallace C Rowe R.G... Tyler EDITORIAL BOARD Hocker Russell R.T. ..... .....Editor-in-Chief When you need Puckett. R.E. Wolfe Watson Cochran. Q. ward passes. After an exchange in punts Normal recovered the ball on Forsythe's fumble. Rose took the Winters ... .L.H. Wesley Locals ROBT. H. HARTOUGH LEE HENDERSON } ......Differentials Ashley .R.H.... Quinlan Barnhill. Joslin F ball on downs and carried it down the .. Cartoonist Normal substitutions-Fields for field twenty-five yards only to fum-Ashley, Fisher for Clint Letsinger, Osble again. Normal punted and Con-over tried a place kick for Rose which missed. Normal's ball. After burne for Campbell, Ashley for Fields, Underwear Wright for Russell, Grose for Jeffers, McPherron for Fisher, Stark for Rowe. Rose substitutions—Steffen for Lentz, HENRY Y. OFFUTT. Business Mgr. WILLIAM H. MERRY. Asst. Bus. Mgr. WILLIAM H. JUNKER Adv. Mgr. R. A. CORBAN. Asst. Adv. Mgr. GEORGE R. ARMSTRONG. Circulation Mgr. L. A. WILSON. Asst. Circulation Mgr. a penalty of 5 yds. Barnhill punted to Forsythe. Conover made 12 yds. thru tackle. Quarter. Harris for Moorehead, Krausbek for Wright, McDargh for Wallace, Gray for Tyler, Standau for Hocker, Moses for Wolfe, Forsythe for Watson, Dix Englehard went in and made 12 yds. **PRICES** at Dix and Englehard carried the ball to Normal's 6 yd. line where the Normal **ROOT'S** for Wesley, Conover for Quinlan, Rein-hard for Joslin, Offutt for Steffen, Stef-fen for Harris, Harris for Steffen, Sidney Reibel E. H. Wolff Jack Joslin Robert Walker Douglass Kelshaw defense held. Harris blocked the kick and Reinhard recovered. Dix and Try it. Englehard go over together on next play. Both have hold of the ball. Rose 21; Normal 7. After the kick-off Steffen for Offutt, Heck for Harris, Taggert for Dix, Englehard for Conover, Conover for Engelhard, Engelhard for Conover. Touchdowns—Ashley (for Normal), Forsythe (2), Steffen, Engel-hard (for Rose). Goals from TERMS OF SUBSCRIPTION Normal gained 15 yds. on two lateral \$2.00 passes and Standau knocked down a third. McDargh intercepted another Sterchi .06 lateral pass and made fifteen yards before downed. A Rose pass of twenty yards was counted as completed when a Normal man interfered with the retouchdowns-Cochran, Reinhard (4). Officials-Referee, Davis (Indiana); umpire, Erehardt (Indiana); head linesman, Wilder (Purdue); timer, head ceiver. Dix made fifteen and after two THE MONEY SAVER short gains by Englehard Forsythe went over. Reinhard kicked his fourth goal. Rose 28; Normal 7. Bigwood. Score by periods: Rose ON Normal made gains of 10 and 8 yards Normal around the Tech ends and then lost the ball on a fumble. Taggert, sub-Time of periods-Fifteen minutes. **Diamonds and Watches for Xmas Presents** Attendance-3,500 4th and Wabash American and Orpheum Theatres Something to Think About The Just Across the Campus You are always welcome Technic "The Very Best" in Footwear DANCE **Cheney's Walk-Over Boot Shop** fair-651 Wabash Ave. Friday, Dec. 17th PATENTS AND PATENT CAUSES ARTHUR M. HOOD (Rose '93) GEORGE B. SCHLEY HOOD & SCHLEY

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THE MID-TERMS.

The mid-terms this year, were in our estimation, marked by a decided increase both in length and severity. By comparison with the same quizzes given last year it was noticeable that the element of choice which has always been customary had been nearly done away with in some of the ex-aminations. There is one way in which this condition may be remedied. Sad as it may be, there is going on today in school a certain brand of dis-honesty which is harmful not only to those men who indulge in it but to the entire student body and the reputation of the school as well. It is well known by the student body that many men crib for their grades, not only stu-dents who need to crib in order to pass, but men who are among the best pass, but men who are among the best students in the school. It is no wonder that the severity of examinations der that the severity of examinations is increased when these men, and they are not few in number, raise the standard of the grades by their dis-honesty. Do not the faculty and the student body realize the situation; it is all too apparent that many good, honest men will soon be eliminated from the institute and that dishonest men shall continue to reap the honors men shall continue to reap the honors which they have stolen from their fel-

low students. In years gone by cribbing has not been looked upon with disfavor by the majority of the students. Today, however, sentiment is changing; minded men are realizing the harm this practice is doing and know that cribbing should be driven from the institute. Are we going to sit by and allow this dishonesty to continue?

The Rose-Normal game was probably the cleanest football game played in Terre Haute this year. The game was hard fought throughout but the spirit and sportsmanship displayed by the players and students of both Rose and Normal was of the best. There was not the "ragging" of one side by the other which is too often heard at games between these two schools. In contrast to the Normal game is the Butler game where the Rose root-ers rushed onto the field when a fight started as a result of a Rose player being fouled by a Butler man. It is all right to support the team but it was not very sportsmanlike to try to start

When better Photoplays are made the American, and Orpheum will show them

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THE STUDENT'S HEADQUARTERS

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