



Jo Wade Thornton and Aileen Simms, two Engineers' Queen nominees

O. U. engineers were hard at work in February making arrangements for what is designed to be the most elaborate St. Pat's celebration in the history of the College of Engineering.

A parade, coronation of the engineering queen, annual dance, banquet, fireworks display and a two-day openhouse for exhibition of laboratories and equipment to the public will make up the program for the celebration.

Four charming co-eds were nominated for the honor of queen, the final choice being left until shortly before the annual celebration. The nominees are Exel Allender, Elk City, arts and science senior; Aileen Simms, Oklahoma City, fine arts senior; Jo Wade Thornton, Oklahoma City, art junior, and Dorothy Pounder, Oklahoma City, business senior.

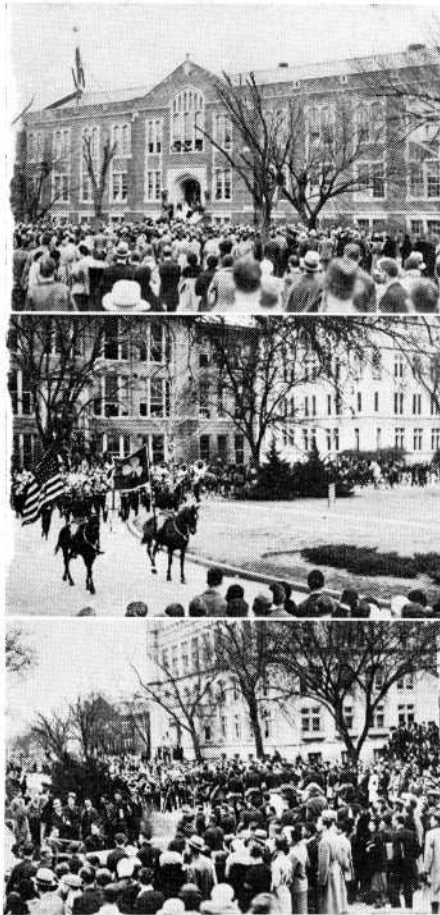
The coronation ceremony, always one of the most colorful events on the campus, will be conducted on the morning of March 12, in front of the Engineering building.

Immediately preceding the coronation, a parade consisting of numerous floats, the University band and leading engineers on horseback will wind through the campus, ending in front of the Engineering building.

On the night of March 12, the annual engineers' dance will be held in the Union ballroom, and after the dance a large display of fireworks will be set off on the campus. This night is distinguished by the fact that it is the only 1 o'clock date night in the entire school year.

Through Friday and Saturday, March 12 and 13, all of the schools of the College of Engineering will have on display and in operation various mechanical and technical exhibits.

The Petroleum Engineering school will show its new lubricating oil plant in operation. Oil field power equipment has been installed, including a slush pump and boilers, so that tests can now be run



Scenes from a typical St. Pat's celebration at O. U.

Engineers will celebrate

to determine the efficiency of oil field mud-pumps.

The exhibits in the Petroleum building will include models of a rotary drilling rig, a cable drilling rig, a multi-power pumping unit and a model refinery. The latest mechanical improvements manufactured by the various oil field equipment companies will be on display.

One of the interesting displays will be a large map of Oklahoma showing by a unique arrangement of small lights the locations and date of discovery of the oil fields of the state. A map of the world will indicate by various colored pins where University graduates are now located.

Openhouse visitors will have an opportunity to view the new \$16,000 wind tunnel in operation. This unit, one of the largest of its kind in the Southwest,

By N. B. Chenault, Jr.



Exel Allender and Dorothy Pounder, the other Queen candidates

was designed by Pete Tauson, a former student.

Guests also may see the new air-conditioning plant which is serving three rooms in the Engineering building for demonstration purposes. Heating, cooling, humidity control and positive air circulation are achieved by this all-year unit.

A pumping engine used in transmission of natural gases has been installed, and will be operated for the inspection of visitors. Steam, semi-diesel, gasoline and natural gas engines also will be shown in operation.

In the Engineering Laboratory a new diesel engine which has been used in exhaustive tests of the quality of various diesel fuels will be operating.

The University's power plant has a new turbine and boiler, which also will be viewed by spectators. Various special projects built by students in mechanical engineering will supplement the exhibits mentioned.

Arrangements are being made to secure interesting aviation motion pictures from the Braniff Airways, and other aviation companies. There will be a display of model airplanes, both flying and scale models. This display will also include a number of airplane parts, instruments equipment, pictures, models and motor cross-sections. A four-cylinder airplane engine will be operating on a test block near the wind tunnel.

In the Electrical Engineering Laboratory visitors will see a small two-way short wave radio, pocket size, operating on five meters. There will be exhibits of artificial lighting and electric arc welding. A radio controlled car will show the possibilities of remote control by radio, and the operation of a dial telephone will be shown to spectators.

The method of talking over a light beam will be demonstrated, and for those

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SOME ENGINEERING SUCCESS STORIES

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mester, he went to work for the Phillips Petroleum Company, Bartlesville. By August of that year he was placed in the engineering branch of the production department at Oklahoma City. In January he was moved to Seminole to work in a pumping district and later was transferred back to Oklahoma City, in charge of experimental equipment. He left this position to take the post with the Eason company.

While in the University he played the key position on the polo team and made the trip to the national intercollegiate tournament on Long Island in 1930. The Sooners ended that season with only one defeat, and that was at the hands of the West Point team which won the tournament.

W. D. Owsley, who received a petroleum engineering degree in February, 1932, is now designing engineer for the Halliburton Oil Well Cementing Company, Duncan, Okla. He has been with this company since leaving school, and has served in the Kilgore field, in California and at Houston, Texas, in addition to his work at the headquarters in Duncan.

At Houston he was division engineer for the Gulf Coast of Texas and Louisiana and Southwest Texas division of the

company. He has played an important part in the development of new methods of oil well completion, particularly in the case of deep wells or where other special hazards are encountered.

Mrs. Owsley is the former Mary Margaret Morrow, who was a Tri-Delt in the University.

There is a large colony of Sooner engineering graduates at Port Arthur, Texas, in positions with the Gulf Refining Company and the Texas Company.

V. W. Garton, '30as, '34ms, is foreman of a treating plant of the Gulf company which treats pressure still distillate in large quantities, as much as 35,000 barrels a day.

John Watters, '34as, is doing special research work on lubrication problems for Gulf, and Joe Johnson, '35as, and Ernest Cotton, '33as, are in the engineering testing department of the same company.

Arlan Hale, '35as, is in the research laboratory, Scott Reebergh, '35as, in the analytical laboratory, and various other technical positions are filled by Thurman Dupy, '35as, Tyner Endicott, '34as, Haskell Armitage, '34as, '36ms, and John Weiland, '36as.

Sooners employed with the Texas Company at Port Arthur include Duff Smith, '31as, and Lawrence Boyts, '35, W. C. Patterson, '35, and Don Cowan, '36, the latter three all chemical engineering graduates.

ENGINEERS WILL CELEBRATE

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who are curious about their own emotions, a "passion meter" will be available for experimentation.

Chemical engineers will have in operation a distillation tower, which is used in the fractionation of the various hydrocarbons. A small model of a water filtration plant will be performing its functions, and a nicotine distillation process will show how to obtain the percentage of nicotine in tobacco. Visitors will be presented samples of artificial silk, known to the chemist as cellulose acetate.

Models of five different types of bridges will be seen in the Civil Engineering exhibit. Methods of attaining safety in modern highway construction also will be illustrated. A display showing the various types of low cost road surfaces feasible for use in Oklahoma will be of interest to motorists.

There will be a comprehensive display of various surveying instruments and equipment, and materials used in highway construction will be tested.

Some of the possibilities of flood control, a subject of particularly timely interest now, will be clearly shown.

A large exhibition of minerals and rocks will be offered by the School of Geological Engineering. Motion pictures will describe the use of the seismograph and other geophysical instruments. The methods used in surveying well holes with the

Better Heating Service

OKLAHOMA people are turning to the better types of gas heating for their homes. Oklahoma City residents alone spent over \$230,000 in 1936 for basement furnaces, floor furnaces and circulator types of heaters. These types have gas-tight combustion chambers and are vented into a chimney, which is the proper way to eliminate sweating of walls.

The open type of heater still has many uses however, and is invaluable in the early fall and late spring when heat is not needed throughout the day. Properly adjusted and in a room with sufficient ventilation, open heaters are entirely safe.

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Eastman Survey instruments will be demonstrated, and the ways of mapping sub-surface structures will be shown.

This exhibit also will show how formations may be correlated by means of a knowledge of paleontology.

Drawings representing finished problems assigned students in architecture will be displayed by the School of Architectural Engineering. Drawings for the proposed new buildings for the campus, including those for Petroleum Engineering, Home Economics, Geology and Physics will be on display. The plans were designed by Joseph E. Smay, director of the school.

Some marvels of science will be demonstrated by the School of Engineering Physics. These will include a fountain which discharges water at a higher pressure than that at which it enters, radio or high frequency surgery, the floating steel ball on milk, the love-o-meter, the singing flame, and a method of obtaining electricity from fire.

The openhouse, as well as the entire St. Pat's celebration, is being planned under the general direction of the St. Pat's council.



BIZZELL ATTACK BRINGS SUPPORT FOR HIM

(CONTINUED FROM PAGE 138)

institution at this time to expose this plot, show what is behind it, and make impossible its success.

We can save the University from the politicians if we make the effort.

The *Oklahoma News* also praised Dr. Bizzell's record and criticized the opposition to him. An editorial in the *News* stated:

Friends of the University must realize that Dr. Bizzell has done good work in a difficult position. Politics cannot be wholly eliminated from a state school that must go before every session of the Legislature seeking needed funds, but Dr. Bizzell's chief purpose has been the betterment of the school. Since the depression came, he has seen his budget whittled unreasonably, but he has done his best with available means.

His best has been creditable. His experience there and his knowledge of the real needs of the school tend to make him more valuable with the passing years. He is in a position to plan the future more intelligently than a newcomer might. Dr. Bizzell rejected another school presidency that paid more than this state paid him, and did so because he has a real interest in the progress of O. U.

The very fact that politics can still apply the spoils system to the University makes it unlikely that the regents can find an abler man to succeed him, who will be willing to accept the place.

The rumor in the United Press article that President Bizzell might resign because of poor health is entirely without foundation, Dr. Bizzell stated.

The *Enid News* was sharply outspoken in criticism of the reputed political attack on the University. In an editorial entitled "Oklahoma Politics Goes Back to School" it said in part:

"The slimy hand of petty, dirty politics is again endeavoring to reach into the state's highest educational institution, and yank therefrom an able educator, not because he is not a good educator, but because he expends his efforts largely in educational endeavor, rather than in the playing of politics in the sordid form which seems to be the only form in which too many Oklahoma office holders conceive it."

The editorial adds that "Political squabbles over the presidency of both the University and A. and M. college are nothing new in the state, and have long contributed to the unrest and lack of unified educational efforts in these schools supported by public monies."

The *Tulsa Tribune*, declaring that most of the teachers colleges and junior colleges in the state were established for political purposes, charged that political trading among representatives of institutional districts has led to over-loading the state's budget.

Said the *Tribune*:

Is it any wonder that University of Oklahoma alumni complain that their alma mater is given less money per student than other state universities? With so many schools to support, and with each school having its supporters in the legislature, it is impossible to appropriate the money needed for the University and Oklahoma A. and M. The politicians' pets must be taken care of.

What remedy is proposed by the self-styled friends of the University of Oklahoma in the legislature? Some of them are said to be demanding that the Board of Regents fire Dr. W. B. Bizzell, an educator, and employ Dr. A. Linscheid of Central Teachers college, Ada, as president, "because Linscheid is one of the smoothest politicians in the state and it takes political maneuvering to run the university and get along with the governor and the legislature."

In brief, the legislators' remedy for too much politics in education and too many political schools is more politics in the University of Oklahoma.

Bring on the ax handles!



16 NEW LIFE MEMBERS

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Missouri, Oklahoma, Arkansas, Mississippi, Louisiana and Kansas.

The other new Life Members are:

Jim Robinson, '32law, head of the Speech Department in Bristow High School.

C. Guy Brown, '23as, head of the Commercial Department in Central High School, Oklahoma City.

Curtis Grimes, '33law, Norman attorney.

J. C. Mayfield, '28as, Marietta, state educational representative for Houghton Mifflin, publishers.

Andrew Fraley, '30ex, chief clerk of the State House of Representatives, Oklahoma City.

Dr. James O. Hood, '29as, physician and mayor of Norman, and a leader in Cleveland county Democratic affairs.

Leda Gibbins, '28ex, social service director in Jeffercon county.

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