

ENGINEER WHO ASSISTED IN THE BUILDING OF WORLD'S LARGEST POWDER PLANT LIVING IN CITY

Factory Being Constructed for the United States Government by the Du Pont Company at Nashville, Tenn., Will Be Seventy Times Larger Than Any Powder Plant Before the War and Will Cost Nearly Eighty Million Dollars; Local Man Designed Part of Monster Plant.

ONCE AGAIN the seemingly impossible has been accomplished. War brought about emergencies never before known and American ingenuity met them with equal speed.

One of the marvellous achievements of this war-age was the construction of a smokeless powder plant at Nashville, Tenn., by the United States government. When the entire plant is completed it will involve an expenditure of \$70,000,000 to \$80,000,000 and will produce approximately one million pounds of powder daily.

S. M. Middlebrook, an engineer connected with the Du Pont Powder company, at present living in Albuquerque, assisted in the designing and construction of part of this monster plant. To use Mr. Middlebrook's own words:

"The plant is being built in nine units—five units are already constructed, each one complete in itself. One of these units is approximately eight times the size of the largest smokeless powder plant in the United States prior to 1914. The entire plant is seventy times as large as the largest plant before the war.

"It covers an area of one and one-half miles wide by three miles long. To operate it at capacity will require 1,500,000 pounds of nitrate of soda per day—775,000 pounds of sulphur per day. It will consume 1,500 tons of coal for each hour's operation, which is equivalent to 100 carloads, or two trainloads. It will require 100,000,000 gallons of water per twenty-four hours, or as much water as is used by a city having a population of one million people.

"The central power plant will contain 18 boilers, each with a rating of 225 horsepower. It will be the largest smokeless powder plant in the world and the largest in powder making. It will require twenty to twenty-five thousand men in the construction. The Du Pont company has agreed to give its 112 years of accumulated knowledge and do this enormous construction at actual cost without profit.

"It was on February 6 that word was received to build the plant." Mr. Middlebrook continued. "Within a very few days eighty per cent of the orders for material were placed. By the third day of last June we began making sulphuric acid at the new plant, and by the fifteenth of June we started to make gun powder and on July 12 began shipping it. The plant is now manufacturing about one million pounds of powder a month. Increased production began immediately and now plants are in existence almost everywhere. It was the Du Pont empire which saved the British empire from the now defeated and disgraced legions of the man who one day was

California, is here visiting his son and family.

Mr. and Mrs. M. E. Stevens with Maxine and Frank Stevens, were visitors from La Mesa Sunday at the home of Mrs. W. S. Gilman.

Rev. Hunter Lewis is in the northern part of the county this week making his usual rounds of missions.

Miss Eleanor Lyon spent the week-end with relatives near Mesilla Park and returned to El Paso Monday.

Mr. and Mrs. E. Lane and daughter, Mrs. Jessa Lanck, and Mrs. Harlow were visitors in Canutillo Tuesday.

Mrs. W. A. Sutherland will have charge of the picking of scrap books to be made by the Junior Red Cross for the wounded soldiers in France.

Mr. and Mrs. Uterback and Mr. and Mrs. Shelton motored to El Paso Monday.

Mr. and Mrs. Carl Williams, of Wyoming have arrived at Mesilla Park where Mrs. Williams will remain during the absence of her husband who has joined the navy.

Mr. and Mrs. Hiram Hadley have returned from El Paso where she spent several days shopping.

Miss Eleanor Thakson has returned to Fort Huachuca where she is teaching.

Mr. and Mrs. E. Walker and daughter, Mrs. Cecil Nash, were El Paso visitors this week.

Postmaster Rosa Freeman has accepted a tutoring job in the Black Legion.

Mrs. Edith Cox, of St. Augustine, Tenn., is the guest of her parents, Mr. and Mrs. B. E. Laine.

Mr. and Mrs. George Spoons and son, George, Jr., will spend Sunday in El Paso with their son who is stationed at Ft. Bliss.

Mrs. G. Ferguson, of Santa Rita, is the house guest of Mrs. J. N. Minter, of El Paso.

Mr. and Mrs. W. A. Bealy were here shopping from Hill on Saturday.

Mrs. Frank Campbell, Mrs. James Annette and Miss Norma Wickett visited friends in the lower valley Saturday.

Work campaign. Both Tucumcari and Quay county exceeded their quotas.

Hugh Cleary, loan agent of the Wichita Federal Farm bank and H. V. Holman of Washington, D. C., who is also connected with the Federal bank, were here last week.

Mrs. E. S. Stevens has returned home from El Paso, where she spent several days last week in the guest of relatives and friends.

E. M. Phillips of West Union, Ia., who has considerable interest in this section, has been a visitor to the city recently.

W. P. Conroy of Amarillo has been awarded the contract to repair the damage done to the school building by the fire there.

Miss Dillon (Dorothy) Brown will leave shortly for Douglas, Ariz., to visit relatives.

R. A. Preston left this week for New York, where he will be for some time looking after the interests of the city.

J. S. Hobbs who has been ill, is again able to be out on the streets.

Charles H. Hays and W. L. Hays left for Boston, Mass., where they will be for a few days on matters of business.

John Harrison left this week for California, where he will spend several weeks sight-seeing.

Mr. and Mrs. J. A. Davis are here from their home in Blackstone, where they have been visiting.

T. C. Morgan who recently sold his farm in the Grand Plain community to the House, is preparing to move to Texas.

The Tucumcari members of the Quay county woman's committee for the recent Liberty Loan campaign at a luncheon here last Saturday.

Mrs. W. S. Walters of Santa Fe, is in the city on a business trip.

A cartload of good wheat arrived here last week and was distributed to the farmers throughout the county.

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the proud parents of a seven and a half pound son, Robert Henry.

Miss Mary Hays and Mr. Alfred Muller, both of Santa Fe, were united in marriage on the eve of November 17th.

A course which is expected to attract much interest in the state, especially among the teachers who are abreast of the times is one offered in French literature.

The second half dealt exclusively with the modern in fiction, poetry, drama and literature, bringing the work up to the present hour.

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PROHIBITION... is one of the national topics that will hold the public attention during the coming year. The sudden end of the war has given new life and hopes to the forces of the wets.

THE HERALD proved its ability to "DELIVER THE BIG NEWS FIRST" during the war and it will continue to do so.

Gibson-Faw Lumber Co. 402 North First Street. Phone 333. We can do this by showing you our own large stocks of building materials, paints, etc., by indicating to you the demand for those materials, national and international, and the reasons why today's prices are certain to be maintained for an indefinite period.

The Season for Thanksgiving is Here. We have more reason to be thankful this season than for many years past. Our boys in France have won a wonderful victory. On Thanksgiving day everyone enjoys a nice Turkey Dinner. Try the Turkey Dinner We Will Serve Next Thursday, Thanksgiving Day... 50c Special Sunday Dinner Tomorrow. NEW REPUBLIC CAFE 122 West Central Ave.

Out of Town Society

LAS VEGAS NOTES

Robert Springfels, manager of Harvey's ranch, and Miss Anna Faulkner of Chicago, are married Tuesday at Baton. They are spending their honeymoon on the ranch.

Mrs. Benito Baca and little daughter have been called to Ribera by the serious illness of her mother, Mrs. J. R. Ortiz.

Nicholas Salazar was brought here from Tucumcari Wednesday and committed to the state hospital for the insane. J. J. Brusco and C. C. Hunter, deputy sheriffs of Quay county, accompanied him.

Miss Jeanette Riggs has returned from a several weeks' visit to Denver. Mrs. Charles J. Day is visiting her mother in Denver.

Mr. and Mrs. A. B. Livingston have returned from a visit to friends in Albuquerque. Oscar H. Moelen is spending the week-end in Albuquerque and Santa Fe.

Mrs. Joseph Blattman, who recently underwent an operation at St. Anthony's hospital, has recovered and returned to her home in Wagon-wheel.

Miss Elizabeth Metching, aged 27, died at her home on Eleventh street Thursday night after a week's illness of Spanish influenza. She had been in the city for some time.

The latest reports from the chairman of the War Work campaign shows that the total amount subscribed in this county will exceed \$1,000,000. The county's quota was \$3,500,000 and had it not been for the influenza there is good reason to believe that at least \$15,000,000 would have been subscribed.

LAS CRUCES NOTES

Mrs. Nicholas Chaffin has been called to Colorado Springs by the serious illness of her husband, who was stricken with paralysis while visiting in that city.

Benito Baca, county superintendent of schools, has recovered from a severe attack of influenza. He stated that a survey of the flu situation throughout the county will be made by one of our army planes, which has abated, the schools will be opened next week.

Mr. and Mrs. W. J. Kyle have returned to Las Cruces from Bedford, Ark., and have again taken over the Park hotel.

Jim Murray has returned from the hospital at Ft. Bliss, where he was taken several weeks ago from State college suffering with pneumonia.

Mrs. John Harris, of Mesilla Park, was a visitor here Saturday.

Mrs. Ernest Mankie and little daughter, who are visiting in the home of Mrs. Isaac's parents, Mr. and Mrs. H. V. Gandy.

Miss Aida O'Hara and Miss Charlotte Mills have returned from a visit of several days with El Paso friends where they were extensively entertained.

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TUCUMCARI NOTES

J. I. Kuhn, the Montana merchant and stockman, was a visitor here Thursday.

Mrs. Mary Quick has recently had as her guest Mrs. P. D. Harris of Santa Rita.

Tucumcari and Quay county always "up and doing" in the various phases of war work, have been very busy for the past two weeks on matters connected with the United War Campaign.

Mr. and Mrs. W. A. Bealy were here shopping from Hill on Saturday.

Mrs. Frank Campbell, Mrs. James Annette and Miss Norma Wickett visited friends in the lower valley Saturday.

Mr. and Mrs. John Fungman have returned from a visit to Mrs. L. H. Brantley of Union, Texas.

Misses Margaret O'Connell, Mary Copes and Marion Galpin of El Paso are visiting friends in Las Cruces this week.

Mr. and Mrs. Ben Ames are being congratulated upon the arrival of a new baby daughter in their home.

COLLARS MAY GO HIGHER IN PRICE. Buy a dozen from your favorite haberdashery tomorrow. We will guarantee you six months' wear from these collars. THE EXCELSIOR LAUNDRY CO. Of Albuquerque, New Mexico. Guarantees these collars for six (6) months from the above date under the following conditions: First, That the "EXCELSIOR" launder these collars exclusively. Second, In as far as he can do so, the customer agrees to give each of the twelve collars an equal amount of use.