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BORING FOR OIL

Conditions Under Which It May be Found and How. Richmond Times.

While oil has been mainly found in Silurain and Devonain formations, it frequently occurs elsewhere. Porous beds of sandstone serve as the best reservoirs. Drilling in a number of oil fields has disclosed the fact that the oil bearing sands usualy lie in three distinct layers, known as the first, second and third sands, the distances between them varying from 35 to 100 feet. In some instances a fourth sand has been

The very uncertainty of the oil trade, which has been most extraordinary giving a meaning to the American phrase "striking oil," has brought to the business of oil boring a charm and fascination peculiarly its own.

On one occassion a well was bored and no oil found. The apparatus was drawn out and later steps were taken to widen the hole a half an inch in each direction, preparatory to boring deeper. An enormous vein was struck. The boring apparatus had just missed the vein and as later borings proved that there was nothing below, the well would have been a failure but for the suggestion that it be slightly enlarged for convenience in boring deeper. Another well in that same locality was bored, flowing a large amount of oil; but by the time tanks had been built to collect it the oil had altogether disappeared. The deepest well in the district, more than 1,000 feet, yielding no oil whatever. And altogether only 15 per cent of the boring were successful.

One of the most remarkable wells in the earlier history of the century was sunk in 1852 near Burkeville, Ky. The proprietor was boring for salt. The discharges were by profuse floods at intervals of from two to five minutes. The flow continued in the city for a month or more and then settled down to a steady stream, running many thousands of gallons a day, and flowing out over the surface of the Cumberland river, and reaching a distance of a hundred miles. A boy set fire to it and the effect was grand beyond description the flames rising from the surface of the river to a hight far above the trees and affording literally the spectacle of a river on fire.

The section of Pennsylvania, Ohio and West Virginia, known as the "oil region" before the "oil fever" of 1859 and the years following, was an almost unbroken forest A few farms and cultivated tracts dotted the valleys and bottom lands. After the discovery, as though by magic, the landscape became dotted with countless derricks, towns springing into existence, land sold for fabulous prices, fortunes were suddenly made and recklessly lost, and railroads quickly pushed into regions hitherto unknown, save to the pioneer, trapper or

It was soon found that many wells became clogged or ran dry from exhaustion. In 1862 Col. E. A. Roberts conceived the idea of exploding torpedos at the bottom of the walls of the well and if possible securing a further flow without new sinking. The success of this theory created a new excitement. Many patents were filed, innumerable lawsuits for infringement instituted, ending finally in victory and fortune for Col. Roberts. The method of exexplosive to the bottom of the shaft, fill the is given by the cable's being attached at has induced scientific men to compare the about \$5,000,000.

or a weight fastened to a wire.

explosion by flash-light apparatus let down the well showed a forced space of some in many localities. The parties who entered upon the business were called "moonresulted.

The operation of drilling a well was form- well varies from \$3000 to \$3,500. erly very slow and expensive. A well can!

operated by a steam engine i. similar and to choose water as the unit of compari-A photograph taken immediately after an fashion to the walking beam of the com- son or 1, when all the oils arrange themmon side wheel river steamboat.

This beam successively raises and low thirty feet in diameter with oil dripping ers tne tools which pound the rocks into specific gravities of the oils, and offer a heavily from every part. The expense of fin fragments. Every five feet the tools means of judging aproximately about their Roberts' torpedoes led to their use by stealth | are raised out of the well and the debris | constituents. removed by means of a sand pump.

The cost of drilling depends upon many

The depths of wells depends upon the now be drilled 2000 feet at one tenth the the relative position of the surface oil regions were first explored. The mod- nia wells averaged 900 feet. Since that

well with water and explode by electricity, the mouth of the well to a walking beam, weights of equal volumes of the two bodies: selves below the latter figure. The Relative weights thus arising are known as the

Crude petroleum is liquid varying in specific gravity (or density) from 0.73 to 0.97, lighters" and in the detective shadowing varying circumstances. In Ohio and In- at the wells, that of Pennsylvania ranging and resistance involved many murders diana wells have been drilled 1,000 feet between the figures 0.78 and 0.83, while for \$1,000. In Pennsylvania a 2,000 foot the natural Colorado product varies in that regard from 0.72 to 0.95, as fas as experience reaches. In order to render this point more clear, by comparison, we will add, cost and in less than one tenth the time to oil rock. During the first twenty that rosin oil possesses the high specific that was required when the Pennsylvania years of their business Pennsylva- gravity 0.998, while commercial castor bean, and hence a purely vegateble oil, has, as a rule, a specific gravity lying between the figures 0.960 and 0.964.

As a general conclusion drawn from the observations enumerated above, there remains to be stated, that the specifically lightest oils are the most volatile, and that those of higher specific gravity are to be considered as illuminants and lubricants. In order to facilitate the establishment of these points, instruments, known as hydrometers, have been introduced, which frequently have a compound scale, showing the Beaume divisions for light liquids at a tempreture of of 60 degrees Fahrenheit, or 16 degrees Centigrade, ranging between 10 and 70, and specific gravity scale beginning with 0.700 and ending with 1,000, the intervening space having been divided in convenient sub-divisions. When the instrument is immersed in a glass cylinder filled with destilled water, it sinks to 1,000 of the specific scale and 10 of the Beaume scale, respectively, and if the cylinder is filled with an oil and the instrument inserted. it sinks to any of the points lying between the figures 10 and 70, and 1,000 and 0.700, the latter number being the lowest of the scale. On the other hand, the inflammability of an oll is conditioned by the amount of volatile constituents contained in it, so that an oil, in which the latter compounds prevail, ignites more readily and has, therefore, a lower flashing point than oils consisting of illuminants of high piling points. This circumstance is tak advantage of to ascertain its safe application for burning or lighting purposes in lamps, since an oil of a very low flashing point is liable to form explosive mixtures with the air enclosed above the level of the oil in the lamp, and thus to cause accidents of a severe nature. In order to prevent such occurrences, legislative restrictions have been placed upor the burning of these lighter hydrocarbons, the flashing point for illuminating oil having been fixed by legislative act for Denver as 110 degrees Fahrenheit, or 43 degrees Centigrade, so that no petroleum having a flashing point lying below this figure can be brought into market without running the risk of penal punishment following such illegal procedures. -Written for "Mines and Minerals," by Dr. Julius Ohly.



Eagle Block, White Oaks Avenue, Aug. 1902. White Oaks. N. M.

ern system is practically the same as the date the famous Bradford sands in Wash ancient Chinese system described by Huc, instead of manual power, which was transmitted through springing boards.

A square frame derrick about eighty feet high, measuring twenty feet at the bottom and three feet at the top, is erected. The cable to which the string of boring weighing from 2,000 to 3,500 pounds, passes over a pully at the top of the derrick.

The outside end of the cable is only for use on a windless when the boring tools are to be moved from the well. The per-

ington county, which poured millions of with the exception that steam power is used dollars into the treasury of the Standard Oil company, have been explored to considerable depth. Probably the average depth of Pennsylvania wells bored in the last twenty-five years is not far from 1,600

of Oil are Determined.

All oils, whether of vegateble or mineral origin, are lighter than water, and consequently float on the latter when poured upploding was to sink a flask containing the are to be moved from the well. The per-pendicular motion of the tools for boring on or mixed with it. The circumstances will grow from year to year at the rate of

Millions For Irrigation.

Commissioner Herman estimates that the receipts from land sales for the ficial year ending June, 1903, will approximate tools, fifty to seventy feet in length and The Way in Which the Qualities \$6,000,000 in the fund that may be made immediately available for irrigation pur-

The commission reports that the demand from homesteaders for western lands is increasing very rapidly and that the fund

RESULT OF BOER WAR

Present Conditions Point to a Sor of United States.

Agercies Actively at Work for the Rehabilitation of the Two Ex-Republics-American Ideas Prevail.

There are two republics less in the world than there were in 1899. This is one of the results of the war which has just been brought to a close. An elaborate scheme of federation, in which the people of the subverted governments will have local self-rule at an early day and be in a league with the rest of the British possessions in their quarter of the world, is to be established, This is another outcome of the same conflict, and one which was not expected by many persons at the outset. Some of the Boer fighting chiefs who have laid down their arms have been to London on a mission connected with the settlement of the terms of surrender. They were entertained by representatives of the British government, and there can be no doubt that the visit will be a pleasant episode in their lives. As one of the results of the present rapproachment between British and Boers the Afrikander-Bond, which is a sort of a league between all the Dutch residents of Africa, is to be dissolved, says the St. Louis Globe-Democrat.

The agencies which are certain to make the rehabilitation of the two ex-republics speedy and pleasant are actively in operation. A large portion of the population of both of them will be British, Americans, Germans and other non-Boers. Necessarily these persons will get the same sort of treatment as the Boers, and they are vitally interested in having the disabilities of the latter removed at the earliest possible day. The crown colony status would be even more objectionable to the Americans and Englishmen residing in the two Dutch states than they would be to the natives themselves, and they have a strong incentive for making the transition to full self-government as short as possible. Already some of these persons are presenting this side of the question in the leading London newspapers. This is, a side which will appeal with force to the British ministry. The ministry has a special reason to want to win the favor of the Boers, and the way to do this, as it well knows, is to make their political conditions as agreeable to them as possible, and to do this at the earliest practicable moment.

Thus all the conditions point to the creation of a sort of United States of Africa among the different British colonies which are contiguous. England's possessions in the whole continent of Africa, counting Egypt, which nominally belongs to Turkey, but which has been administered for many years by England and which she will never give up, aggregate about 3,000,-000 miles in area, or about the same as that of the United States, exclusive of Alaska and the islands acquired in 1898. About half of this area is in South Africa, most of it being contiguous. The purpose evidently is to establish a union between all these contiguous Sates on the Canadian and Australian plan, in which each will be practically independent in local affairs and have a voice in matters pertaining to the whole federation. This will be a sort of United States of South Africa, closely following the American model, which has a greet vogue among British and British colonial statesmen at the present time. American ideas are making their triumphant way around the world. There will be regrets for the overthrow of the two little republics, but their people are accepting the situation with courage and indelligence, and the new regime which will soon set in will eventually give them almost as much liberty is they had under the former condition, and at the same time give them a contact with the world which will materially dvance their social and findustrial

How He Knows When It Is Going to Storm or Clear.

Official Map Made Up from Reports from Observation Stations in · Cities and Towns of the Country.

Strictly speaking, our weather bureau is made up of a great many buildings scattered all over the United States, and the one at Washinton is the central station that governs and directs the smaller ones, and to which they send in their daily reports; for it is by getting reports from all the different sections of the country that Uncle Sam's weather-makers are able to make their predictions. There are 180 towns and cities in the United States where there are observation stations, having the same instruments and apparatus as the Washington bureau. Now, the observers at these 180 stations do not spend their time waiting for spiders to crawl out of their holes or looking at the sky to see whether it is red or gray in the evening. They look at their thermometers, barometers, anemometers, and so on, which are far better guides than all the other signs put together.

At 8 o'clock in the morning and at 8 o'clock in the evening of every day the observer at each one of these weather stations from Maine to California looks at his different instruments, and carefully notes what each of them marks. Then he takes a look at the sky, to see whether it is fair or raining or snowing, and to see what sort of clouds may be sailing about. According to the weather bureau there are seven different kinds of clouds, and it is important that the observer should see what particular kind is hovering around, for each kind means some special kind of weather or some particular state of the atmosphere. When he has finished his observation and noted all the indications, he telegraphs his report to Washington.

In that way, then, the Washington station receives an account of the weather at all parts of the country at the same time, and, as you may ear ily believe, it keeps the four telegraph operators busy receiving the messages at come nouring er eight o'clock. As each message is received in the telegraph room it is carried by a messenger across the hall to the forecast room, or room where predictions are made, and handed to the translator. As the translator reads aloud the cipher reports from the different stations, other men in the room mark what he reads upon a map of the United States, so that when the last message has been translated the map shows just what the weather is at each one of the 180 stations. The map is then turned over to the official who is to make the predictions. In order to get his bearings, he traces across the map the different places throughout the country where the temperature is the same and the places where the barometor is the same. The one he marks with red lines and the other with black lines, and if you will look at the weather map you will see these red and black lines wriggling and twisting all over the country. When the reports from the north-

west show a great fall in temperature, he knows that a cold wave has started on a journey through the United States, and he keeps a lookout to see how fast it reaches the different stations in the west. Then lie calculates how rapidly it, is moving and what kind of weather it has to encounter, and perhaps, when he has worked out the problem, he will telegraph, the following bulletin: "Hoist cold wave flag; thermometer will fall 26 degrees in next 24 hours," and, sure enough, by next day Jack Frost has got hold of our noses and toes, and the cold-wave flag is almost tearing itself to pieces with delight. But sometimes the cold wave does not come as was expected—it is switched off on a sidetrack or it melts on the way-and then the cold-wave flag

\$375 or Letters rom Farmers.

The Rock Island System offers \$375, in cash and transportation for letters relative to the territory along its lines in Arkansas, Indian Territory, Oklahoma, Texas and New Mexico.

Letters should deal with the writer's experiences since he settled in the territory in question. They should tell how much money he brought with him, what he did when he first came and what measure of success has since rewarded his efforts.

Letters should not be less than 300 nor more than 1,000 words in length and will be used for the purpose of advertising the South-

For circular giving details, write John Sebastian, Passenger Traffic Manager, Rock Island System, Chicago, Ill.

THE

El Paso & North Eastern System

In Connection With Rock ... LAND SYSTEM and SOUTHERN PACIFIC COMPANY, Is A

New Solid Through, All Pulman Daily Train,

BETWEEN Los Angeles, El Paso and Chicago.

FOR STRICTLY FIRST CLASS TRAVEL ONLY,

28 hours El Paso to Kansas Cy. EL PASO to CHICAGO

381/2 " EL PASO to ST. Louis

661/3 " EL PASO to NEW YORK.

Passenger limit to Berth Capacity of the Train, 75 Berths.

DINING CAR SERVICE ALL THE WAY.

N.B. On the EL PASO & NORTHEASTERN SYSTEM this train stops only at El Paso, Alamogordo, Carrizozo and Santa Rosa. First train Leaves El Paso November 4th, 1902.

Write Your Friends in the East.

Tell them to call on nearest Coupon Ticket Agent for rates to points in New Mexico, or El Paso Texas. Second class colonist tickets will be on sale from quite a number points on and east of the Missouri and Mississippi Rivers, to El Paso and intermediate points on the El Paso-Rock Island Route, at about half fare. These tickets will be said only on "Horaeseekers Fares" the first and third Tuesdays of each month, commencing Oct. 21st 1902, and continuing until Apri 23rd 1903.

This is a good opportunity to aid immigration to your section of the country.

A. N. BROWN,

Druggist for 10 GENT TRIAL SIZE.

Lly's Cream Balm

Gives Relief at once. It cleanses, soothes and

is absorbed. Heals and Restores the Senses of T. 50c.; Trial Size 10c.; at D ELY BROTHERS, 56

CHURCH DIRECTORY.

Services at Methodist Church.

 Sabbath-School, Sun. 9:45
 a. m

 Preaching,
 "11:00"
 a. m

 Afternoon meeting
 3:00
 p. m

 Packether
 7:00
 p. m

 Preaching, 77:00 Prayer meeting, Wed, 7:00 Ladies' H. M. S. Fri. 3:00 Y. P. meeting, 7:00 All are cordially invited.

G. G. HAMILTON, Pastor,

THE BAPTIST CHURCH.

Sunday School at 10 o'clock a. m. Preaching Ist. and 3rd. Sunday at 11 a. m. and 7;30 p.m. Young People's Union 6:45 p. m. Prayer meeting Tuesday 7:30 p. m. R. P. Pore, Pastor.

PLYMOUTH CONGREATIONAL CHURCH.

Preaching services, Sunday, 11 a. m. and

Sunday School, 10:00 a. m. Christian Endeavor meeting Sundays, 2. p.m Friday—Bible and Teachers meeting, 7:15 p.'m Ladles' Aid Society, 1st. Thursday afternoor

HENRY G. MILLER, Ph. D., Pastor.

SOCIETY MEETINGS

Grand Army Kearney Post, No. 10. Meets the first Monday night in each month at G. A. R. Hall. Visiting comrades cordially JOHN R. PATTON, P. C. John A. Brown .Adj't.

Baxter Ledge No. 9, K. of P. Meets Thursday evening of each week at Hewitt's hal!. Visiting brothers cordially in Hewitt's hal!, vited to attend. SOL. C. WIENER, C. C.

JOHN A. HALEY, K. of R. &. S.

Goden Rule Lodg e No. 16. 1. O. O. P. Meets Tuesday evening of each week

> R. D. ARMSTRONG, N. G. J. P. KLEPINGER, Secretary,

White Oaks Lodge No. 9, A. O. U. W. Meets semi-monthly, first and third Wed nesdays, at 8 o'clock, at Hewitt's hall. Visit-ing brothers cordially invited to attend.

A. RIDGEWAY, N. M. J. J. McCourt, Recorder. ..

Reduced Rates.

Greatly reduced rates for round trip to Boulder, Denver, Colorado Springs, Pueblo and Trinidad, Colorado. Tickets on sale daily until September 30th, final limit October 31st, 1902. Stopovers allowed in Colorado at and north of Trinidad. Side trips to all points of interest in Colorado and

See your local agent for particulars or write to

Don A. Sweet, Traffic Manager, OAmarillo, Texas.

J. E. Wharton: Attorney-at Law,

S. M. Wharton. Editor and Prop. Eagle.

WHARTON BROS..

Mines and Mineral Lands for sale. Also Farms and Ranches. If you have anything to sell, list it with us. If you want to hay a Mine, Mining Prespect, a Farm or Ranch we can necommodate you. Titles Livestigated and patents obtained. Assessments for non-residents,

POSTOFFICE: WHITE OAKS, N. M.

LOCAL and PERSONAL NEWS

W. S. Peters is at Hotel Baxter. Charles Brown was in the burg from

Thomas Walsh has moved into the Rudisille residence on the north side of town. J. A. Gumm is employed at the assay of-

fice of the Eagle Mining & Imp. Co. H. L. Decker piano tuner and salesman traveling for the Waltz Co., El Paso, was at the Baxter several days this week,

Allen Hightower and C. F. Goddard have traded ranches. Hightower now lives near thrested in the building of the church,

A. A. Ririe of Bonito, student of the Military Institute at Roswell, has been promoted to be second lieutenant.

R. P. Pope will preach at the White ·Oaks Baptist Church every fourth Sunday in each month.

Geo, E. Sligh, Sec. and Treas, of the Free Gold Mining and Milling Co., was here on business Monday.

Forest Smith and Charles Middaugh, passed through Wednesday en route to Jicarilla.

Philetus Smith, the Chicago attorney interested in the Hawkeye gold group in Jicarilla, has returned from Chicago.

Judge Freeman, of Carlsbad, J. E. Wharton, Thomas Jacobs and others are bear hunting in the Oscura Mountains.

Judge Freeman, of Carlsbad, was in White Oaks Monday, the guest of J. E.

Sam Neid was over from Nogal last Monthat will keep him busy most of the winter.

The Eagle Mining & Improvement Co. had a pay day here Saturday and the boys are all happy and move like they cound hit a drill as hard as a regulation "Rand."

Connections have this week been made between the old and the new shafts at the North Homestake. As much working force as the ore conditions warrant may now be put on. A mill run will be made soon.

er, went to Parsons with Mr. Rice to join American companies. the family in Thanksgiving festivities.

Plymouth Church

At Plymouth Church next Sunday Nov. 30, Dr. Miller will preach in the morning at II o'clock, subject, "The Life Passion of a Great' Man" at night 7:30 o'clock, "The Great Invitation and Welcome."

Every body is invited to attend these

at the Baptist church Sunday morning and City, H. L. Decker, El Paso, N. J. Ellis, evening. Rev. Pope and family have re- Chicago, U. L. Davis, Carrizozo, E. E. cently returned from a trip to Texas. Stephenson, wife and baby, El Paso, Mc They traveled overland the entire trip to Reynolds, Carrizozo, Mrs. E. L. Ozanne Texas and return, heping thereby to im- and children, Jicarilla, D. Downing, C. B. prove Mrs Pope's health. They now reside near Nogal.

Chris. Yaeger, the rustling prospector, well known throughout this mining region, made a hurried business trip here from Lordsburg last week. He has valuable copper claims here in Lone Mountain and met parties from New York here to show them the properties. He thinks permanant development will begin here in a short time. He is soon to return to White

We are still selling Greely Potatoes as 2 cents a pound, by the sack.

T. M. &. T. Co. We have all kinds of Pickles, put up in

POHLE & PARMELEE ASSAYERS and CHEMISTS,

T. M. & T. Co.

Ores tested to determine the best method o treatment of we have a new and thoroughly equipped Laboratory. Over 30 years of practical experience in Colorado. Prices and sample sacks free on application.

1627 Champs St., Denver, Colo.

Handkerchief Bazaar and Rummage Sale.

It is gratifying to see the vim and enter prise of the ladies of 'the Baptist church' who have started in to raise fund to build a Baptist church. This campaign of en-Permanent Organi. terprise will begin in earnest next Wednesday, when the Handkerchief Bazaar and Rummage Sale will be started at the Baptist Hall, in the upstairs of the postoffice

Many little articles prepared by the la dies of this church, and others who are in will be arranged and offered for sale.

Baptist Minister.

Rev. W. J. Wright of Pagosa Springs Colo., has been assigned to this Baptis church for the coming year, beginning with the first Sunday in December, at which time he will preach morning and evening at the Baptist church. Rev. Wright is spoken of very favorably by those who are

acquainted with his ability as a preacher The Eagle has been requested to say that everybody is invited to hear Rev. Wright n his introductory sermon.

Methodist Church.

The children will be much in evidence Sunday. Pastor Hamilton will preach specially to them at 11:00 o'clock. Their parents and friends are invited to be present. In the evening there will be a Missionary Rally service in which the children will lead with songs and recitations. Mrs Leighner and Miss Nettie Lee have devot day. He will return home in about two ed much time to the training of the little weeks to begin work in his line again here ones and no pains have been spared to make this service a success. You will regret it if you miss it.

D. I. Gelder, of the firm of Gelder's & Co., Chicago jewelers and diamond brokers, is at the Baxter. Mr. Gelder is interested with the Eagle Mining & Imp. Co. and the American Cold Mining Co. He has been a guest of Mr. Pice at Parsons for several days and came over from Parsons Tuesday afternoon. Newton Ellis of Canton, Ohio, J. M. Rice was over from Parsons Wed- also a guest of Mr. Rice is with Mr. Gelder nesday. Charles Elley Hall and his moth- and likewise a stockholder in the Eagle and

Baxter Register.

S. J. Stein, Denver, Geo. L. Thomson Gerscher, Ill., Albert Johnson, Monroe Ill. Rev. A. C. Olson and wife, and O. T. Olson, Herscher, Ill., J. Q. Welch, Parsons Mrs. M. L. Blodgett, Rev. S. M. Johnson and Prof. Wilson, New York,. J. M. Rice, Parsons, S. T. Gray, Capitan, Philetus Rev. R. P. Pope, Nogal, preached here Smith, Chicago, A. R. Maupin, Kansas Downing and wife, Oakland Cal., Walter Fawcett, Capitan, W. S. Ross, Joe Ross and Ed Fox, Jicarilla, Oscar Hyde, Oscura W. C. McDonald, Carrizozo, H. G. Foster, ter.

> The Pathfinder gives the following interesting comparison between the 57th and 58th congresses:

R. D. R. D. East 137 .40 142 49 West 53 10 60 10 4 121 South 8 ros 206 180 198 158

Commission Merchant, CAR OF FURNITURE, STOVES & GENERAL HOUSEHOLD GOODS 2ND HAND GOODS
BOUGHT AND SOLD.
LOOK AT MY STOCK BEFORE
YOU BUY, EVERYTHING IN
STOCK THAT IS NEEDED TO

COMPANY.

zation Effected and Officers Elected

INCORPORATION PAPERS FILED,

Enthusiastic Meeting With Many Subscribers to Stock of the Company Present Three Hundred Thousand Shares of Stock to be issued.

As per announcement in last week's Eagle a meeting for the organization of the Comrey Oil Company was had at the Congregational church Monday night. After plans of organization were explained, articles of incorporation drawn and agreed to those present who desired to subscribe for thousand or more shares were, asked to sign for amounts previously agreed to between them and the incorporators, stock to be issued after charter is granted and the States Commissioner at Lincoln, New Mexico. company is ready to receive and receipt on November 29; 1302: Viz. John B. Patton, for amounts taken for amounts taken.

Ninety-one thousand shares were disposed of in this manner at 1/2 a cent a share, the receipts for same to go for immediate; expenses of the company. One hundred and nine thousand shares were reserved by the incorporators and one hundred thousand shares treasury stock are to be offered at 10 cents a share for general development purposes. These sums total three hundred thousand shares of one dollar each being the amount for which the company is incorporated.

The incorporators are Harry S. Comrey.

John A. Brown, Arthur P. Green, Frank . Sager and S. M. Wharton.

The officers of the company, are Harry S. Comrey, president, John A. Brown, vice-president, Arthur P. Green, secretary and treasurer. 👡

More interest is being taken in this enterprise by home people than we have ever before witnessed in White Oaks. Several hundred dollars have already been subscribed for roc stock and is available as soon as the company is prepared to issue it, and when it is understood that this ry stock is obtainable it is

The secretary of the company is now in orrespondence with manufacturers of oil well machinery to obtain prices of etc.

A complete plant for treating Zinc and Lead well be installed at the Cerillos Smel-医磷酸 医腺性淋巴球腺性结膜性 网络格拉拉

Real and Sampson Windmills; Alamo Gazoline Engines, Ideal Freezers. Everything in and out Season at

ATTORNEYS AT LAW

WHITE OAKS, N. M.

M. H. KOCH,

Carpenter and Builder,

Undertaker aud Embalmer. Calle in or Out of Town Receive Prompt Attention

NOTICE FOR PUBLICATION. LAND GFFICE at Roswell New Mexico

Oc. Jeu 16, 1902 Notice is hereby given that the following amed settlers has filed notice of his intention to make final proof in support of his claim. and that said proof will be made before the United States Commissioner at Lincoln, New Mexico, on November 29, 1902. viz; Sylvester I. Woodland, homestead No. 705, for the lots 2 & 3, Sec. 1, Lots 1, 2 & 3, NW14 NK & NEW BW1, Sec. 12, T. 8 S., R. 9 E.

He names the following witnesses to prove his continuus residence upon and cultivation of said land, viz; John R. Patton, White Oaks, N. M., Petes M. Johnson, Nogol, N. M., Charles O. Heyser, Nogal, N. M. and Edward W. Harris, Carrizozo, M.

HOWARD LELAND.

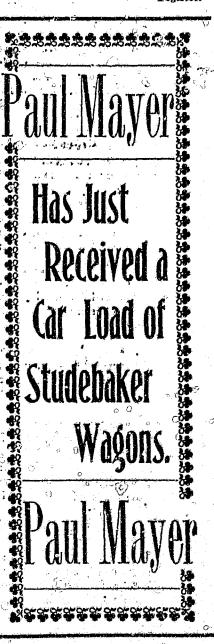
NOTICE FOR PUBLICATION.

LAND OFFICE at Roswell N. M.

Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the United SWM Sec. 2): Sald SEM Sec. 20, and NEM NEM Sec. 35, T. 7 S., R. 10 E.

He names the following witnesses to prove his continuous residence upon and cultivation, of suid land, Viz: Sylvestor J. Woodland, White Oaks. N.M., Edward W. Harris, Carrizozo, N. M. Peter M. Johnson, Nogal, N. M. and Charles O. Heyser, Nogal, N. M.

HOWARD LELAND.



RELIABLE ASSAYS

OGDEN ASSAY CO.

From Picacho.

Regular Correspondence,

Election went off very quietly. Mr. hip Owens received a majority of 19 votes in this precinct for the office of sheriff,

An exceedingly pleasant dance was given at the Kimbrell Hall on election hight, Judge Kimbrell donating the use of the hall on the strength of the "rooster" ticket.

Mr. Cole, who recently purchased the Guz e place, has just brought in about 500 cattle to range on the creek. He is also most reasonable, viz: that petroleum and making general improvements on his dams bitumens are "principally derived from and ditches.

The measles which were not expected to amount to anything seem to be more serious than expected. Thirty-two of the school children; were sick at one time. Few cases existed, however, outside of the

The case of Mr. Klasner vs. Mr. Lumbley was tried before justice of the peace, George Kimbrell, resulted in a verdict for the defendant, the court refusing to place defendant under peace bond.

The report comes of new purchases in the Analla settlement by Mr. Hyde, but we have been slow to learn the particulars.

Mrs. Klasner is visiting her brother, Mr. John Casey and attending to business in Lincoln.

A masquarade ball was arranged at the Junction school house last Saturday night. We wish to express our thanks for the hospitality shown us.

Trial of New Air Ship.

The new airship built for Pierre and Paul Lebaudy was tried near Nantes on Nov 13. The flying machine, after making revolutions in every direction over fields and woods, bordering the Seine, says the Scientific American, returned each time to place of starting. The Lebaudy ship is similar to and about twice the size of the Santos-Dumont. It was first tried on November 8, when it was successfully operated for half an hour. It now really begins to dawn on the world that the airship is a future posibility.

Sale Crackers at Albuquerque.

The jewelry store of S. Vann & Sons of Albuquerque was broken into last week and \$10,000 worth of jewelry taken. The goods stolen were, 238 gold watches, over 1,000 rings of various kinds, and set with all kinds of jewels, and a package of diamonds just received, valued at \$500, 75 diamonds in stock and \$125 in cash.

Even the Santa Fe New Mexican ac knowledges that the Statehood Committee found much that is against the admission of New Mexico.

English · Orthography.

Aren't you glad that you are to the "manner born" when it comes to speaking the English language. What a puzzle the following two stanzas must be to one who is it learning our language:

There is a farmer who is YY. Enough to take his EE, And study nature with his II. 'And think of what he CC: He hears the chatter of the JJ As they each other TT And sees that when a tree DKK It makes a home for BB.

A showman to the jungle went And caught a fierce young gnu; Said he, "I'll teach him to perform And sell him to the zoo.

This man was very much surprised And quite delighted, too, For, lo, each quick and novel trick The new gnu knew.

Notice.

On and after Dec. 1st, 1902, Owe, the andersigned, will not deliver goods after jop, m., during the winter months,

PAUL MAYER. ZIEGLER BROS. WIENER & SON,

Probable Origin of Petroleuch.

It is of practical importance to the oil prospector to know the probable origin of petroleum. This interesting subject we cannot discuss at length, but the theory propounded by Prof. Joseph Le Conte and A. S. Cooper, former state in neralogist of California, both of whom have had abundant opportunities in those field experiences which are often such necessary counterbalances to the theoretical results of the chemist's labratory, appears to us the terrestrial and marine vegetation deposited in sedimentary strata, then changed to carbonaceous matter and afterwards distilled by the heat of metamorphism. We would emphasize here particularly 'marine vegetation to counteract the popular idea that petroleum or so-called 'coal oil,' has much to do with ordinary coal deposits, which were formed by ancient peat mosses and land vegetation. In these petroleum is rarely found, but the world over occurs. for the most part, in strata and periods of strictly marine origin and with few or no coal beds. Anyone who has lived by the seaside knows how prolic the sea is in vegetable as well as other forms of organic life. Anyone who has peered down from a vessel into the ocean depths knows the vastness, size, rampant growth, and abundance of the seaweeds in those 'wild ocean moorlands. Whilst terrestrial vegetation, peat mosses and the like, formed the coal beds, these unctuous, gelatinous seaweeds doubtiess give us, after various geological and chemical changes and distilliations, the fossil bitumens, asphaltum, and petroleum we find in the rocks.-Prof. Lakes in "Mines and Minerals."

DeMeir a Locator.

J. R. DeMeir was the first locator in the Pastura oil field just opening. De-Meir will be remembered as the lucky individual who discovered the Phosphate deposits near Lava Station, on the Santa Fe Railroad a few years ago, and who recently sold out for a handsome fortune to the California Guano company. DeMier has a large track of oil lands adjoining the location on which the Pastura, or Solado strike was recently made. The latest information from Pastura is that oil is standing more than a hundred feet in the well. Excitement is now running very high there and people with money to invest are coming in from various places looking over the field: Mr. DeMeir lives at Las Cruces.

Oysters' and celery at

T. M. & T. Co.

Letters remaining uncalled for in the White Oaks Postoffice Nov. 1st., 1902: F. J. Smith Mrs. Tom Webber

Fred Smith John E. W. Starton U. F. Weber Athur T. Atkinson (2) OK Building & Lumber Co. Mr. Rainbow J. P. Mains W. Johnson W. J. Guelliance Marsas Gomes Walter Drye S. Tonquin Ortis Char. Adams Nestor Gallagos

J. H. Davenport Harry Atkinson Mrs. Louisa Atkinson



THE EAGLE WILL SOON BEGIN PRINTING

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DESCRIPTIVE

LINCOLN COUNTY

RESOURCES

E. P. &. N. E. System Hotel Baxter

HOLIDAY EXCURSION

TICKETS ON SALE

DECEMBER 13-17-21 ---22-23-26, 1902,--- |

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Continuous passage in both directions. Final return limit, 30 days from date of sale * * * *

TICKETS WILL BE SOLD TO POINT:

East of the Mississippi River, including Memphis. Tenn. and New Orleans, Lz. on and south of a line drawn from Memphis via the Illinois Central R. R. to Central city, Ky; thence to Glasgow, Ky; thence to Somerset, Ky; thence to Carbon, ky; Bristol, Tenn., and Pennington, Va., thence along the North-ern state line of North Carolina to the Atlantic Ocean..

ALSO TO POINTS IN

ARKANSAS, MISSOURI WISCONSIN

/ NEBRASKA

N. DAKOTA

A. N. BROWN, A., E. P. R. I. ROUTE, EL PASO, TEXAS.

Democrats Win Out.

According to the face of the returns the Chieftain's ticket was defeated. This paper has already expressed itself as opposed to any contest of the election. However, the defeated candidates have a legal right to bring a contest if they choose to do so. Neverless they as well as everybody else should abide loyally by the result. -- Socorro Chieftain.

According to the returns published in the Chieftain, Nov. 22nd, election certificates have been issued as follows: Sheriff, L. Baca, democrat, majority 304; Col. and Treas., H. G. Baca, independent republican, majority 81; Clerk, B. A. Pino, democrat, majority 242; assesor, Benj. Sanchez, democrat, majority 319; Probate Judge M. Miera, democrat, majority 104; Supt, of Schools, A. C. Torres, democrat, majority 75, Surveyor, W. W. Jones majority 310, Commissioner, 2nd dist., A. Contreras, democrat, majority 81;3rd dist., C. Padilla, democrat, majority.126.

Some Kraut at

T. M. & T. Co.

Experience Convinces.

Prove its value by investing 10 cents in trial size of Ely's Cream Balm. Druggists supply it and we mail it. Full size 50 cents. ELY BROS., 56 Warren St., New York. Clifton, Arizons, Jan. 20, 1899.

Mesars. Ear Bros.:—Please send me a 50 sant bottle of Cream Balm. I find your remedy the quickest and most permanent cure for catarrh and cald in the head.

DRIA. M. POTTES, Gem. Mgr. Ariz. Gold M. Co. Mesars. Ell. Bros.:—I have blen afflicted with catarrh for twenty years. It made me

with catarrh for twenty years. It made me so weak I thought I had consumption. I got one bottle of Ely's Green Balm and in three days the discharge stopped. It is the best medicine I have used for extern.

Proberts, Cal. Frank E. Kimpusseum,

Has the very best of accom-

modations to be found in this

section of New Mexico.

ome and see us.

F. M. Lund, Prop'r.

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Stock Farm For Sale

ANCH on the Ruidoso, 6 miles below Dowlins mill, 8 miles above Coe's orchard, 560 acres, 300 acres under fence and ditch, and in cultivation; 11/4 miles on the creek; two adobe houses. range adjacent; small orchard in bearing; a few acres in alfalfa. Rented for 1902; purchaser to take it subject to lease, receiving the rental. A considerable portion could probably be taken off the hands of the renter.

Inquire of or Write

Wharton Bros

WHITE OAKS, N. M.

Carrizozo Livery Stable

Good Rigs .-- Meet Every Train --- Always There.

L. M. N. Mc REYNOLDS, Prop., Carrizozo, N. M.

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This coal is guaranteed as good as any that can be secured west of the Pennsylvania fields. Unless otherwise specified in orderscreened coal will be given. Leave orders with Tuliaterro

Mercantile and Trading Co. JAMES MORRIS.

\$3.10

White Oaks Eagle



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Official Paper Lincoln County

THURSDAYS...........\$1.50

THURSDAY NOV. 27, 1902

Leslie's Representative.

Charles Elley Hall, General Staff corres pondent of Leslie's Weekly, has spent the week in White Oaks. He was here for the purpose of collecting data for the first of a series of articles he is to write for Leslie's Weekly on the "New Southwest." From what we have learned of his plans, the article on the White Oaks country will certainly result in great good to us.

Leslie's has 90,000 weekly circulation, and the paper's subscribers are among the best poeple of Europe and this country. It also goes into the offices of the leading newspapers and trade journals of both countries. Hence, such information as is now being compiled by Mr. Hall, descriptive of the resources and possibilities of the White Oaks country, must necessarily bring good results, as he, through Leslie's Weekly, will reach people it is impossible for us to get at. He is a direct representative of that publication and through years of experience is probably the most thoroughly by half; no lamkin shares her airy flight fitted of Leslie's entire Staff for this kind of but you can see her calf. But who is there service. In his series of articles on the "New South," he has been highly praised and his plans endorsed by all industrial concerns of the states he has visited.'

What our country needs is truthful publicity and from what we know of his intentions here, he is going to give us just this kind of an article.

It doesn't seem to be Leslie's object to make money out of this class of service, but rather to acquaint the people with the merits of the paper after which a reward is expected through an increased and permanent patronage.

Mr. Hall has met with the kindest treatment among our people, most of them aiding him, where possible, in the collection of such information as he desired for his

MINER'S HOSPITAL.

A Miner's Hospital will probably be located in some part of New Mexico during the coming session of the territorial legislature; since Lincoln Co. has never had any legislative favors from this source we can urge with vigor our right to this institution to which we are so justly entitled. There is a greater number of men engaged in the occupation of mining in Lincoln county than in any other county of the territory and our county is most favorable located for this institution.

It is a matter of necessity that our people immediately manifest an interest in this piece of legislation and mature plans to aid by the best means possible our rep resentative in carrying it to a successful conclusion.

NEWSPAPER MAN CHOSEN.

Hon. Nestor Montoyo, editor La Bandana Americana, Albuquerque, was elected by a large majority to the House of the territorial Assembly, to represent Bernalillo county. Montoyo is a Candidate for Speaker and will likely have no opposition. He has filled the position of Court Interpreter in the second Judicial district for many years and is Said to be a finished scholar.

YARDS ARE COMPLETED

Forrance New Looks Like a Junction Point-Grading is Being Pushed.

The yards at Torrance have been com pleted as well as the grade for five miles northwest of there. The work is very heavy and slow. The grade has been completed from here south for a distance of 45 miles is being pushed. The graders are now about ten miles north of Moriaty and when they pass that point there will be 60 miles of easy work.

A MULTIPLICITY OF ROBBERIES.

There has been more hold-ups during this month than has ever been before recorded in the same length of time in this country. Trains have been robbed, safes cracked and business and private houses broken into all over the country, and in many instances large amounts have been taken. The Rock Island railroad company lost last week, in one hold-up, \$20,000. The whole train crew were captured and the express safe opened and robbed.

An old volcano in Utah, for centuries silent, has broken out afresh. We will keep an eagle eye on the Mal Pais.

One of the new fads is men's socks for women. There is a rumor prevalent that some wives wear the trousers, but no one imagined that the socks would also be appropriated. If the women continue the invasion of the wardrobe of the men there will be mighty few articles of wearing apparel that man can call his own. His hat, shirt, vest, coat, collar, tie and socks are gone. He has remaining his chewing tobacco and suspenders-not much of a layout for a cold day.-Western Publisher. .

Mary had a little lamb; that time has passed away. No lamb could follow up the gait that Mary goes to-day. For now she rides on air shod wheels in skirts too short that can complain or cry in woe. 'Alas!' So long as Mary's calf's all right the lamb can go to grass. So all the men delight to gaze, their joy is not a sham, for while the other criter's out they have no use for lamb.-Western Publiser.

A prominent stockman en route to Kansas City the other day was complaining of feeling badly, and he was coughing a great deal, was asked if he had caught cold. No," he indignantly replied, off the Santa Fe, and I would like to see the color of a man's eye who could 'catch anything on that road. I may have a bad. cold, and doubtles have, but I did not catch it on the Santa Fe. It just simply overtook. me," and he settled down in his seat with the air of a man who had at least partially relieved his mind.—Colorado Stockman.

After studying the money question through the gold rimmed spectacles of American Capital Mexico has decided to continue business on the silver basis. Let good enough alone is Mexico's financial policy. Mexico is prosperous and advancing rapidly. A worthy successor to President Diaz is of more importance to Mexico than a change in national finances.

Have you noticed that all our Republican papers have begun to account for how it happened? No hedging goes on the statehood question boys! Remember you told 3 us before the election that Rodey's election would bring it, now deliver the goods.

The reign of martial law has been lifted in South Africa, and the country is again peacefully employed.

The city of Las Vegas is feeling its oats. She is to introduce to other 'alive'; towns in New Mexico, the first electric street railway.

Tucumcari wants a new county created out of Guedalupe and a county seat located at Tucumcari.

THANKSGIVING.

Thanksgiving Day! Your voices raise To God on high in hymns of praise. The fruitful yield

Of vine and field Has brightened all over earthly ways. Give thanks to God who rules on high For welcome rain and sunny sky,

For peace and love Praise God above, And all His mercies glorify! Thanksgiving Day! Praise God and sing Till every vale and hil! hall ring,

Thanksgiving Day! From work apart Let mankind come. From field and mart Let anthems rise

To praise the skies ·To prove the thanks within each heart. Give thanks to God for mercies shown, And kneel today before His throne.

For peace and joy . . Without alloy The loving Father's kingship own. Thanksgiving Day! Let ev'ry voice Show how our grateful hearts rejoice.

Thanksgiving Day! Forget not those Who know naught save life's bitter woes, Be not delayed-

Give them the aid That brother unto brother owes. Lift up the brother bowed by care, Divide your blessings everywhere; The highways scan

For fallen man Who needs the help that you may share. Thanksgiving Day! Give from your store To aid the hungry, sick and poor.

Thanksgiving Day! From distance wide Let loved ones come to sit beside

The festal board Whose joys afford Long hours of love whate'er betide. Give thanks to God for earthly ties;

For love that beams in shining eyes. Sing songs of praise Until your lays Are echoed back from vaulted skies.

Then at God's throne kneel down and pay Your homage this Thanksgiving Davi -Will M. Maupin.

A. B. Fall's majority according to Secretary Reynolds' count, in the 9th district is only 40. Fall needed the 100 unregistered sworn in votes at Alamoogrado.

Farmers near Hagerman will put out r,000 apple trees this season.

MONTH OF DECEMBER Means at Our Store a saving to Purchasers on

ALLKINDS 0f

GROCERIES always fresh.

PRICES THE OWEST

Dry Goods, Notions, Hats, Underwear and Shoes SELZ SHOES SELL.

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Made by celebrated K. N. & F. Co. Manufacturers. and invite the public to come and inspect them, for they are sure to please

Telegraphers on the Southern Pacific, including El Paso, have been given a 10



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We will not put out shoddy work even at your ? own prices, but will guarantee you first class work and quick service.

Do° No

Disappoint

An Annual Celebration of the Senece Andique in the Hills of Their. Reservation.

The annual green corn dance of the Seneca Indians was recently held in the hills of their reservation, 25 miles east of Vinita, L. T. Sent as number about 200 people, and they old mary different celebrations during the year, mong which are the trawherr reast, supper for the dead, dance for rain, war danges and the green-corn dance.

The dance occurs every year at the drying up of the corn, and the time is fixed by the Seneca Indian council. The chief and six members of the council meet and make preparations for the green-corn dance by appointing a medicine man and a number of hunters to secure wild ment for the occasion. A hunt is made, and when the hunters return the dance takes place.

The Indians meet under their large shed or arboriand early in the morning the leader of the band or medicine man makes a speech, standing in the center of the shed, and talks in a slow and solemn voice. At intervals he puts small bits of ground leaves from a plant sacred to the Senecas on a slow-burning fire, and as the smoke and the fumes raise he makes his prayer, believing that the smoke conveys the words to the Great 'Spirit' . After these proceedings are over dinner is ready and the meal is served by waiters under the shed. In the afternoon the dance commences in the old-fashioned Indian style and continues for several

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The greatest ambition of American men and women is to have homes blessed with children. The woman afflicted with female disease is constantly menaced with becoming a childless wife. No medicine can restore dead organs, but Wine of Cardui does regulate derangements that prevent conception; does prevent miscarriage; does restore weak functions and shattered nerves and does bring babies to homes barren and desolate for years. Wine of Cardui gives women the health and strength to bear healthy children. You can get a dollar bottle of Wine of Cardui from your dealer.

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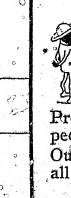
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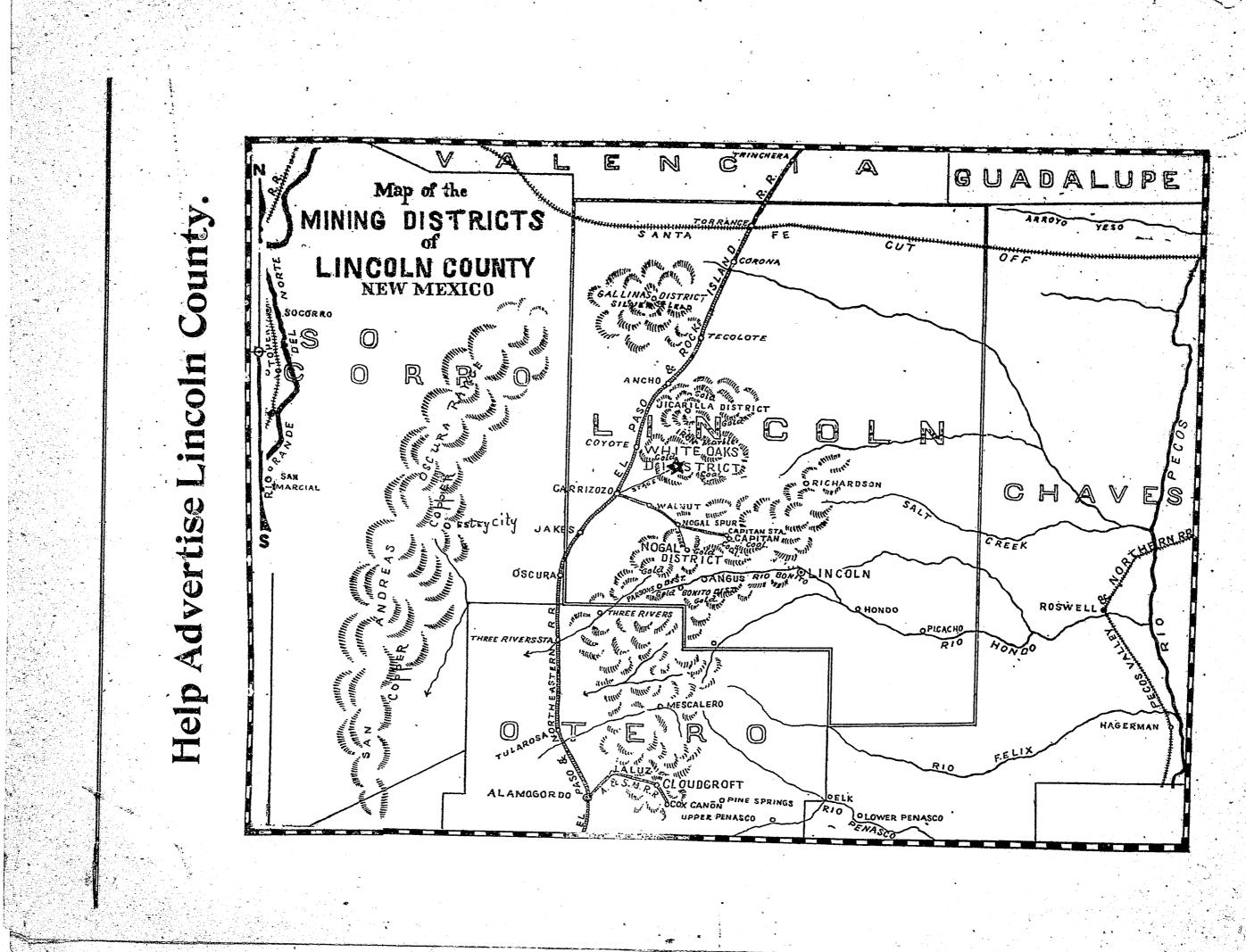
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tchoose. 🙈 Presents for the children, old people and sweethearts.

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