ANCIENT RACE TRACES FOUND IN WYOMING

"Spanish Diggings" Mystery Led to Discovery of Humans Who Lived Previous to Indian Times.

mystery of the "Spanish Diggings?" so called, the strange settlement of aborigines which existed ages ago and which are located three miles west and eight miles south of this raider, who posed as a government

direction since. This year, how-ever, Mr. Robinson plans a more mosaic figure in stones that has complete and thorough investiga-tion and some interesting and val-uable information from a scientific and archaeological standpoint may develop. Credit for discovering the five in width, the border being of Woman creek, driving a herd of cat- tion of religion. tle to what is now known as the "O.

Finds Weapons and Tools. After crossing the moutains east Laramie peak and fording the Platte river, the party missed sev-eral horses, which strayed away during the night. In searching for the missing equines, Spaugh ran across the quarries and rows of tepee circles and collected a number of specimens of the jasper and agate weapons and tools which were strewn in profusion over the entire tract of perhaps a thousand acres. The announcement of the discovery did not attract much attention at the time, and as the years passed and the country was hampered by lack of railway facilities and pass-able roads, the "Diggings" remained comparatively unknown. The location, requiring a detour of 35 miles off the main highway be-tween Cheyenne and Yellowstone park, was also a factor in keeping these antediluvian riches obscure and little known.

Nature Has Been Lavish. Nature has been lavish in its dispensation of scenery throughout Niobrara county in southeastern Wyoming and tourists will be awed by the striking views. The old town of Hartville lies at the head of Whalen canyon and is an historic mining camp, having changed century. The original Oregon trail fish and quadrupeds. Great sea turtles that doubtless weighed a ton who ventured west in prairie ichooners in the early days, made what is now known as Cold Springs valley. For miles may be seen wide stretches of upland, both vailey and trags and peaks. The west is the center of the white-capped Laranie range, which stretches over a distance of 100 miles, grim, gaunt, old Laranie peak lording it over them all, lifting its giant head 11,000 feet toward the sky. It makes a never-failing landmark for the visitor in this strange and beautiful "wonderland."

The "Spanish Diggings" remain unchanged from that moment centuries ago when some fell visitation apparently annihilated every living being. The scene indicates that an outburst of possibly carbondioxide gas, expelled presumably from Laramie peak, similar to that of Mount Pelee in 1902, which snuffed out the lives of 30,000 almost in an instant, was responsible for the extermination of the settlement. The ground is covered with agate and jasper spalls and cores, also quartz of various colors. The quarry pits range in diameter from 20 to 40 feet, and wherever found are closely spaced, the refuse from one being thrown

Graphite Wedges Exposed. Excavations have been made to a depth of 22 feet, but it is probable that the ancient miners went much further. The present time depressions are about eight feet in depth Graphite wedges are to be seen, still fast in the rock crevices, just as they were left by the workmen when their operations were so unexpectedly interrupted. Battered hammer stones are numerous, some grooved and others ungrooved, mostly of granite or greenstone and ranging in weight from three to 20 pounds.

The work shops, located close - to the quarries, are also of deep interest. There were cardules as the case might be, of jasper, agate, flint, chalcedony or quartzite to the aboriginal mechanic, seated no doubt, so as to handle the material from the mines, from which he - spalled off and roughed out his primitive utensils, tools, weapons and other articles essential in the stone age. As a workman is known by his chips, so today may be seen the results of the labors of the an-1 cient worker in all stages of manufacture, and many varieties of crude, flinty articles. They include colored scrapers for removing the flesh from skins, arrow and spear tips, hatchets and knives and mortars in which 1. maize may have been crushed.
2. Many of the formations are ex2. tremely puzzling, and it is difficult
3. to conceive to what uses various peculiar shaped formations were put

Polished Pebbles Found. Numerous highly polished pebbles are to be picked up, carrying the high gloss of gem stones fresh from a lap wheel and in many shades and colors. These could not be produced by glacial abrasion, but were doubtless the product of the stone age workers polished by an art long since lost to man.

The tepee circles which exist by the thousand, and which consist of stones utilized in holding down the dge of the skin tents or wigwams

still lay in orderly rows just as they did when the ancient city teemed with life and activity. Bones and everything else perishable, apparently long since crumbeled into dust and there is naught left but the weather-proof stone, mute remind-ers of the race long since merged

with the shadowy past. Cave Yet to be Explored.

Crystal cave yet to be explored, and which is situated three miles north of the "Diggings," is entered from the summit of a lofty hill. Its first discoverer was the buffalo. Tradition holds that in years gone by when the buffalo roamed the western plains by the myriads, that the weight of a passing herd crushed in he thin roof of the cave and that

Some unknown race which an- station agent during the days of the tedated the American Indian, possi-bly coming from Mexico or South who was privately the chief of a America, and which occupied the "Diggings" long before the discovery of America by Columbus in all probability, was apparently blotted out of existence almost in the twinkling of an eye by some strange cataclysm of nature, and disappeared, leaving behind evidences of their occupation, which are of intense interest to archaeologists. of the cave are covered with quartz crystals. It is planned to explore the cave during the coming year and some interesting discoveries may remote may remote and nothing of importance has been done in the cave are covered with quartz crystals. It is planned to explore the cave during the coming year and some interesting discoveries may remote the searching parties, perhaps to determine that Wyoming has a continuous of importance has been done in this rival for Mammoth cave in Ken-

Spanish Diggings" belongs to A. A. ten inches, while between were Spaugh, now a banker of Manville, smaller shapes. Another row at Wyo. In 1879 he was working his way across the country from the Laramie Plains to the head of Old stone age people had some concep-Fossil Beds of Interest.

Of even greater interest than the stone formations of the diggings are the fossil beds to the north and which are also to be the scene of extensive explorations by archaeologists this year. The Deadwood stage barns, long since abandoned, are located near the fossil stratas. All sorts of grotesque figures are to be found here, weathered out of the tertiary formations. The fossil beds lie in a treeless, criss-crossed canyon-cut basin about 25 miles in width and which would only be entered by venturesome spirits willing to risk their lives for the sake of science. The fossil beds indicate that in the ages gone by the country was the bed of some vast ocean and which later was hoisted by some gigantic uplift of nature until it be came one mile above sea level. Prehistoric fossils are to be found in bewildering abundance and can be carted away in wagon loads if de-

It is only a question of what one wants and how to get it away. From the chalk rock of the tertiary formation may be secured the rhinocerous, three-toed horse, the huge brontosausus and other creatures. many species of which have been extinct for ages. There are in-numerable forms of reptiles, both of but little in appearance in a half land and ocean, and many forms of century. The original Oregon trail fish and quadrupeds. Great sea are numerous, and thorough search of the great chalk beds may reveal the animal that corresponds to the their camping ground. To the southeast appears the wonderful panoramic view of the North Platte barely started. When commenced upon an extensive scale and when the searching parties are properly equipped to tear apart the great masses of rock which have kept in preservation the animals and ocean occupants which existed aeons ago, he archaeological world may startled by the richness of the dis-

> Japan Takes Fifty Millions U. S. Treasury Certificates

Washington, April 19.-In announcing today that the ninth biweekly offering of treasury certificates of indebtedness in anticipation of the Victory Liberty loan had been oversubscribed by nearly 30 per cent,/Secretary Glass disclosed that a subscription of \$50,000,000 by the Japanese government had been reported from the New York

federal reserve district. "The action of the Japanese government," said a treasury statement, "is very helpful in its effect upon international exchange and is greatly

appreciated by the treasury.' Secretary Glass said the total subscriptions to certificates aggregated \$646,024,500 on an offering of \$500,-000,000. The total amount of certificates now outstanding is approximately \$5,315.878,000.

New York Harbor Tieup Averted by Compromise

New York, April 19.-The threatened tieup of the port of New York was averted today after the marine workers, appealed to by Mayor Hylan, agreed to return to work on a 10-hour basis, and submit the question of wages to arbi-

> **INCOME TAX** SERVICE

Corporations Partnerships Individuals

Owing to the extension of time in which to file returns and the formation of an advisory committee of Certified Public Accountants and former Revenue officials to assist me I am now in a position to handle a larger clientage and will be pleased to make additional appointments.

CALL HARNEY 1192 OR ADDRESS 524 BEE BLDG.

Former Deputy Collector, Income Tax Inspector and Revenue Agent, U. S. Treas. Dept.

MARINE NEEDS MANY OFFICERS

Men With Two Years' Sea Service or Knowledge of Engineering Eligible to Federal Sea Courses.

order properly to man the several weeks hundred new ships that will slide down the ways and be placed in chanical or engineering experience. free navigation school here, and its steambcat inspectors. free school in marine engineering at Graduates requiring additional sea Berkeley, Cal., and the recruiting service before being qualified for service of the shipping board has be sent out by the sea service but made an appeal to men to enter into be sent out by the sea service buthe work. It is important that we anticipate

meant a battle won.
"What the shipping board really needs now are men who see in the merchant service all its vast possimerchant service all its vast possi-bilities, and who join not only for the fine purpose of helping this country establish her prestige as a maritime power, but because they know by proper effort in this serv-ice they can gain for themselves a profitable vocation. Each of these icensed officers, four on deck and

four in the engine department."
Applicants with two years sea service and physically sound will be admitted to the new navigation class at once, after the approval of their applications by the local in-San Francisco, April 19.-More spectors of steamboats. The avermerchant marine officers are need- age length of the course, if attended ed today than during the war in during the day is from four to six

Qualified for Enginemen. Men of a certain amount of mecommission during the next few not necessarily at sea, are qualified months. New classes are opening in the United States Shipping board's rine engineering, subject to the approval of their applications by the

\$15,000 FOR EACH \$100 IVESTED

CORWOOD WELL FLOWING 13,000 BARRELS DAILY

knows how many more are now in the making. Never before in the entire history of our country

was such great wealth accumulated by so many people in so short a time. The big money is yet to be made here. New millionaires are being added to the list almost weekly. This great field, the marvel

The Fowler Farm Oil Company has just sold its 125 acres of lease to the Magnolia Petroleum Company for \$1,800,000, giving the shareholders \$15,000.00 for each \$100 invested in addition to the moneys already received by the shareholders from oil sold since the first well came in, July 26, 1918.

OUR THIRD WELL—BETWEEN 5,000 AND 13,000 BARREL GUSHER

Oil Field. The Norwood gusher, reported now flowing 13,000 barrels of high-grade oil daily, is one mile north of us; the Connellee gusher, reported flowing 8,000 barrels daily is less than one mile in another direction—the Harris gusher which is now drilling itself in and reported flowing 5,000 barrels is less than three-fourths of a mile in another direction from us. We are nestled among and almost

surrounded by the largest high-grade oil wells in the world. We are only 900 feet from Magnolia tank

farm and pipe line. One well on this lease, as good as either of these wells would be worth Millions.

YOU WANT QUICK ACTION—2 WELLS ALREADY DRILLLING

It is midway between the Tippett and Downing wells and right in line with the great Duke and Knowles gushers in Comanche County. Texas. The Duke gusher came in reported making 2,500 barrels each and the Knowles gusher 3,500 barrels, which has just been drilled three feet deeper and is

and day. We also own four splendid 40-acre tracts in close proximity to this lease in Comanche

McColloch Counties, Texas, which are increasing rapidly in value as development is getting closer to

KNOWLES WELL IN COMANCHE COUNTY FLOWING 10,000 BARRELS DAILY

We believed in Comanche County so strongly that the officers of our Company spent \$75,000.00 of their own money in shipping engines, boilers, tools, pipes, casing and other equipment from our

We didn't ask our stockholders to put up money to buy this equipment. We went right at it—mud or no mud. That's the way we do things.

SEE WHO OUR NEIGHBORS ARE!!

joining and surrounding our two drilling wells—around our 100-acre Fritts lease are the Humble Oil & Refining Co., Texas Company, Sun, Gulf, Atlantic, Empire, Cosden, Prairie, Sinclair and Invader

Around our 168-acre Montgomery lease are the Humble Oil & Refining Company, Texas Company, Ohio Cities Gas, South Penn., Sun, Cosden, Empire, Gulf, Atlantic and Invader Oil & Refin-

We are now offering only \$35,000 of our stock for sale—out of our authorized capital of \$250,000. If either of our wells come in good, this will be sufficient. We reserve the right to advance the price or withdraw it from the market entirely without notice. You can buy our stock today at par

of over 4,000 wells in Texas, Oklahoma, Kansas and the eastern oil fields because they know that we

have been in the oil business for many years—they know that we know how to get production and how to take care of producing wells after we get them. They know we are reliable. Don't you for-

Mr. Donnelly is also President of Invader Oil Company, which has over 40 producing wells and has paid 28 cash dividends to its stockholders. Mr. O. A. Wood, our Vice President, drilled the discovery well in the famous Bixby field. Mr. Garrett Donnelly, who superintends all of our drilling, is second vice president of our company. He's been supervising the drilling of oil wells for the last 15

We GUARANTEE that you will be given a square deal—that you will share in all the wells we drill—in all the properties we own—in the properties that we hereafter buy—in all the profits of

Tulsa Producing & Refining Company

References-Bradstreet's Commercial Agency, Fort Worth; Texas State Bank, Fort Worth.

USE THIS COUPON —

If either of these wells come in big, the shareholders of the Tulsa Producing & Refining Com-

You will feel pretty good some of these fine mornings when your shares jump to 5 or 10 for one.

BANKERS AND OIL MEN ARE BUYING OUR STOCK - WHY?

See what the big Companies THINK of our Fritts and Montgomery leases !!!

We also own four additional leases of 40 acres each close to the Montgomery lease and located

Because they know that Mr. A. M. Donnelly, our President, has drilled or supervised the drilling

The largest and most successful Oil Companies in America have purchased leases immediately ad-

Oklahoma Supply Yards BEFORE WE OFFERED A SINGLE SHARE OF STOCK FOR SALE.

Our first well on our 100-acre Fritts lease is now down 2,825 feet. This well will soon come in.

Our second well on our 168-acre Montgomery lease is now down 1,500 feet and going deeper night

We also own over 1,000 acres of well selected and splendidly located leases in Hamilton and

Comanche County is rapidly coming to the front and already has several big gushers to her

We picked that county for big production—we were right. There is not a dry hole in the County.

We spent \$5,000.00 IN FREIGHT BILLS alone to get our equipment onto our Comanche County

Our third well will start immediately on the Sue lease located near the heart of this Wonderful

The great Ranger, Texas Oil Field has already made twenty-five new millionaires-and no one

Wonderful Ranger, Texas Oil Field

25 Millionaires Already Made in the

and wonder of the world, has barely been scratched.

rported now flowing 10,000 barrels of high-grade oil daily.

County, Texas-We own 428 acres of leases in this County.

among the leases owned by these giant Oil Companies.

get that. We are Producers-not promoters.

pany will cash in strong—and do it quickly.

We believe this is going to happen—and happen soon too Now is your chance to get in with successful oil men.

Tulsa Producing & Refining Company, Texas State Bank Bldg., Fort Worth, Texas.

711-715 Texas State Bank Bldg. "A TEXAS COMPANY"

leases-over 200 wagon loads.

value-\$1 per share.

100 YEARS AGO

Elias Howe, Who Manufactured First Machine in Boston, Made Two Million Dollars in Royalties.

Washington, D. C .- One of the most interesting centenaries to be Elias Howe, inventor of the first practical sewing-machine, who was born in the town of Spencer, Mass., in 1819. In 1837 he moved to a machine, shop in Cambridge and the found it extremely difficult to chiefly with improvements to existing the moved to a machine, shop in Cambridge and the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to existing the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found it extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly with improvements to exist the found is extremely difficult to chiefly a second in the found is extremely difficult to chiefly celebrated this year will be that of chine shop in Cambridge, and soon after to one in Boston, where he conceived the sewing machine that made his name famous. He experimented continuously for five years, completing his first invention in

The epoch of the sewing machine reau as reserve officers for eight began with Elias Howe, whose maweeks at \$90 a month.

Graduates of the navigation school passing their examinations before the stramboat inspectors will before the stramboat inspectors will before the stramboat inspectors will be a stramboat inspector will be a stramboat will be a stramboa this need," said C. W. Saunders, chief of section five of the shipping board, with headquarters at 120 before the steamboat inspectors will be section for the steamboat inspectors will be set to see the section for the steamboat inspectors will be set to see the section for the steamboat inspectors will be set to see the section for the steamboat inspectors will be set to see the section for the steamboat inspectors will be set to see the section for the section for the section of the section for the section f Market street, "and prepare to sup- be licensed as third mates and high- curved, eye-pointed needle was carply the men, as the proper opera-tion of our merchant fleet is just as perience they have had. Similarly ting lever which had a motion simunecessary now, if not more so if we look to the future of this nation's welfare, of which the new merchant marine is a vital part, as it was third assistant engineers and higher. In the nation and the tension on the thread was

produced by a spring brake whose semi-circular end bore a spool, the pressure being regulated by a vertical thumb screw. The work was held by a row of pins projecting from the edge of the thin metal "baster plate," to which an intermittent motion was given by the teeth of the pinion. Above and to one side of the baster plate was the shuttle race, through which the shuttle carrying the second thread was driven by two strikers, that were operated by two arms and came on the horizontal main shaft.

Introduce his invention because of the opposition of the workers to labor-saving machinery. He went to England, hoping to introduce it there, but met with no better success than at home. When he returned to America he found his invention has been devoted to the development of the "factory machine," at the expense of the domestic or household sewing-machine. This accounted for largely by the rapid advance in the "women's wear" trade, which has resulted in annually increasing purchases of ready-to-wear apparel where formerly the garments were made in the homes on the domestic machine. With the aid of wealthy friends, in establishing the priority of his in-

zontal main shaft. Although this machine bears little vention. When his patents expired resemblance to the present day do-mestic or household sewing-ma-chine, it embodied several elements than \$2,000,000. that appear in a modified form in practically all modern lockstitch ma- more than 500 applications for patchines, namely, a needle with an eye cuts relating to the sewing-machine at the point, a shuttle adapted to have been filed each year in the pass through the needle loop and an United States patent office, of which

establishing the priority of his in-

Since Howe's day an average of

produced by a spring brake whose introduce his invention because of ing machines. Of late years most

Two facetious cockneys were passing Dublin butcher's shop the other day when, seing the owner standing at the door, they decided on a laugh at his ex-

pense.
"Well, old boy," said one of them to
him, "according to your notice on the
window you have cuts to suit all purses."
"An' sure so I have," replied the butch-

A Few Facts From a Land Saturated With Oil

A Little Knowledge Might Make You Wiser, Wealthier, and Altogether Much Happier; Ponder and Consider Carefully.

YOU certainly can trust your own judgment. Anyone can see through a Stone Wall if there is a hole in the wall. The wall we have built contains a big hole, and by looking throug it your line of vision will extend over a scope of country, rich in OIL and MINERAL.

MILLIONS have been made by those who have dared to invest a small amount of money against a big proposition.



The Texas Development Co.

Located in BRAZORIA COUNTY, TEXAS, are organizing for the development of 640 acres, divided into quarter, half or acre lots. To those who realize what a real opportunity means, and are not too weak hearted to grasp the situation before the next advance takes place, the chance of, perhaps, a lifetime is before you.

Our Holdings

We are three miles from DAMON MOUND, and four miles from the Famous WEST COLUMBIA fields. WEST COLUMBIA and DAMON MOUND Districts are at present writing leading all other fields in the GULF COAST territory.

The daily production for the week ending April 12th, was approximately 39,095 bbls., at WEST COLUMBIA, DAMON MOUND came in for the same period with approximately 12,500 bbls., making a combined showing, within only a few miles of our holdings of about 273,665 bbls. for the week. DON'T THAT LOOK LIKE WE WERE IN A PRETTY GREASY NEIGHBORHOOD.

An anticline ridge extends across our entire section, which means, in the judgment of experts, a strong indication of a prolific OIL production, only awaiting development.

We Are in No Wise a Stock Co.

There are no CHAIR WARMING lines of officers to absorb the profits that may be produced from money you may invest. You own the lots or acres you buy and we back up ownership with a Warrantee Deed as well as a profit-sharing contract. By your contract you are entitled to 50% of the net profits accruing from the production of the entire 640 acres owned by the TEXAS DEVELOPMENT CO., on all OIL OR MINERALS. That is, your share of the profits to be in proportion that the lot or lots purchased by you are to the total number of lots in this subdivision.

Kindly read the following from the OIL WEEKLY, under date of January 11th, 1919. We are right in this field.

> The Oil Weekly, January 11, 1919. To Develop Sulphur Deposits.

Following the filing of a charter by the Universal Sulphur Products Co., at Austin this week, with a capital stock of \$12,000,-000, it was announced at the Houston headquarters that immediate steps would be taken to develop the extensive sulphur de-posits at Damon Mound in Brazoria county. The stockholders named in the corporation papers include E. F. Simms, H. T. Staiti, John Hamman, W. S. Hardcastle and F. L. Phair.

The company announces that the organization has been per-fected in conjunction with strong Pittsburgh and New York banking and mining interests with the purpose in view of developing and operating sulphur deposits in South Texas. The first real development will be at Damon Mound, where the company owns 7,000 acres of land rich in sulphur. It is understood the company had interests at Big Hill in Jefferson county and at other points in South Texas.

We have only to represent the facts to you, and they are cold, hard and indisputable of the real conditions. Aside from our Oil prospects, the above clipping will give you some idea of our expectations in the mineral production from our holdings.

For a quick disposal, to those who wish to join us in this development.

we have divided tracts into Quarters, Halves and Acres. Quarter Acres, \$65.00. Halves, \$125.00. Acres, \$250.00. The small investor's rights is as securely protected, as far as his holdings go, as the ones who are able to invest thousands in the enterprise.

It should not be a question with you of how much you want, but how much you are able to carry.

Will You Act at Once, or Wait for the Next Advance Call, write or 'phone for further information to

Texas Development Company Offices: Omaha, Neb. 210 Farnam Building. G. E. Slaughter, Mgr. Phone Douglas 7781. Thos. Faust, Owner, Le Mars, Iowa.

TEXAS TEXAS-OKLA OIL ROYALTIES COMPANY OKLAHOMA CITY AND WICHITA FALLS, TEXAS.

The state of the s

Capital, \$200,000.00. Organized February 6, 1919.

Paid 3% dividend March, April and announced same for May from royalties in producing wells, Burkburnett, Texas, fields. Less than \$15,000 of the first \$50,000 worth of stock is available at par, \$50 per share. Dividend earnings will justify an advance in price if it is decided to offer another

JOIN THESE BUSINESS MEN. ACT TODAY!

Texas-Okla Oil Royalties Company JOHN J. GERLACH, President; President Gerlach

Bank, Woodward, Okla. WADE E. HAMPTON, Trustee; President American National Bank, Wichita Falls, Texas.

W. L. ALEXANDER, Vice President; Ex-State Treasurer Oklahoma City, Okla.

R. JARRETT, Secretary-Treasurer; Oklahoms
City, Okla., 225-27 American National Bldg.

........... Name Address

DETACH AND MAIL TODAY.

225-27 American Nat'l. Bank Bldg., Oklahoma City, Okla. I would like to have more information

about the Texas-Okla Oil Royalties Company.

Texas-Okla Oil Royalties Co.,

Please explain time payment plan.

Fort Worth, Texas