TARISON INTO HUSTLER

Farmington, San Juan County, New Mexico. Thursday, November 2, 1922

Bringing In Of Pioneer Oil Well At Hogback By OIL CON. DIV Midwest Is Climax To Thirty Year Search For Oil

The Long Search For Oil In The San Juan Basin Region Region and the long to th Tribal Lease Twenty Miles West Of Farmington; Adds the of carbonardous and bituminous account to the state of the fine of the state of the bituminous account to the state of the fine of the state of the bituminous account to the state of the bituminous accounts. Another Chapter Of Romance To The Navajo.

Burface Indications of Oil

Yesterday an unknown reservation waste, scant pas- Observed ture for the flocks of the Navajo, haust of the roving Surface indications, such as oil, as sessing, the the hole is bailly shoked

Such was the transformation wrought by the discove Herefrestion and hear failup:

structure on the Western part of the Farmington oil fields. Very high grade oil was brond in the In 1913 another local company drill. The Glade Oil and Gas Symicate, per storage familia for a pipe of the Charles of t When the Midwest Refining company byot in its 350 xepassour in the Universal Middle First Wesdown Well Drilled barrel well of high grade petroleum in the Hogback dome Creaceous and Upper Carboniferous First Wesdown Well Drilled barrel well of high grade petroleum in the Hogback dome Creaceous and Upper Carboniferous Fig. 1912 of romance to a land whose picturesque natives have been from the bluffs on the banks of the In the San Juan Dasii region, is an arrive when we prove Juan in the Permian or Upper Car. For No. 1. 18 W) after miles (financed by Farmington and Ohio cap. can be provided the presence of commercial oil. It added another chapter bunderous, and oil seeps copiously west of Farmington to a depth of 1,600 call, is now drilling around 12M feet Kildent That treat Oil Full and the San In all the Committee of the San In San thrilled with great adventure before. This part of the "veri

reservation was visited by Kit Carson and his men in '63 innacement shall interup of the Lar-Gan and oil seeps occur in the war. The work was abandoned

challed That are present in the Puerco. A word drilled in 1021-22 by another crimeted in the form of the straight of the present that the form of the showings were also observed in Midwest Oil company in the McElino-Midwest Baings in Fraduces the Lewis shall at 1,500 to 2,000 feet, "anon, in the southwest context of the local produces the basis and 1,500 to 2,000 feet, "anon, in the southwest context of the local produces the basis and the southwest that the southwest of the southead of the southwest of the southwest of the southwest of the sou while large gradulan of congulated oil orado is reported to have atrue oil in Ch. Herback theme hirocare

ery of commercial oil on the Navajo Indian reservation. I in the Pagina Springs section oil tabliferous elaubning in this region

feet. Some oil .was reported at that in Section 24, T 30 N, K 13 W. Raids in Nam Juan Region depth, the tools were later tost and about 6 miles northeast of Farming

Today an oil field in the mitial stage of development, and gas emenations, were observed ably the migration product from a water came in The well was plugged than reversal on it is neglected to the migration product from a water came in The well was plugged than reversal on it is neglected to the migration of geologists, oil scouts, and period and replacement of this region. Oil oil to carry this halo took foot suspended until production can be from the Nava black tribal carry. seeps exist along the rim and in the deeper, the heart times of the Mana Taken care of by pipe line of inflavory, and the well are condition at our transfer of the first of t phaltum and paraffin saturated rocks and full of water. This of was problems continued to 4000 feet where sait their J. will beautiful equited, which are proven to be for formativania strate in both of which the titol of betternian at a digit. consists from at 2000 feet. Class is still around 6000 feet another heavy flow big gaower in the fite time the Mich cannot up for several days with the enformmental quantity at 1865 feet. At ... After successions contains in the the high grade oil of the Bloff herd about will feet the company here of generated oil was struck Driding west started brilling francista The oil was found in Fermian and middle of Augus of this was

the Midwest well, its value is readily then government land. As the western the of this land practically adjoins

other opportunity for drilling apera, ed as a dissected plateau, in which Depth of 1,860 Feet time, altho on a different structure. , the deeper valleys are nearly 800 feet

the department of the interior can indrilling permits.

been prospected for all. This march learfibed For over thirty years this region has. The Great Heghech ilace Fred. Arthur Lakes, a former racter in geology at the Odorado tura is the Orast Haghack, which com: Farmington leum has been pairted on W.

logists thereased the laterest, as discharmes and terranes. The Mary Mediuphs to locate com

reservial oil for the bushe calculated in Kupecus First burgest Feedbilty miles west & Farmington. he final success of the Midwest Re Of Of Berr

has made a detailed study of the field

ment laws and departmental PERSON (Journey) about longitude (long applying to other non-reserve) (real in minutes) and the Armona line.

Farm lands north of the river only westward and is one of the must lime of the tools raused the abandonment leval years. These wells were reported for miles distant. the deeds to ordant tributaries of the Colorado, of the enterprise. which include all oil rights, afford an. Governsphically it may be characterie. (b) later Found in l'agone At San Juan valley.

organist games, stury a source in warry parts coal fermation, and practically. In the early mineties a well was some great, the relievening ballion warry forms the western boundary of the started on the Blake farm, one mits Section is at the name township, to a formable for the developing of town-coal area. From this rim the strate west of Farmington; but as the rif copit of about 1900 feet. Good above of bringing in the flam Juan Be, the active many the rester was one of innited capacity, a depth ings of ell are reported, and at 800 sin region.

In the basis—at their viseply (15 to of only 350 feet was attained, at which ings of ell are reported, and at 800 sin region. continued because of the persistant from the rim with a moderate helina- of orable reports by other extinent your developed a series of anticipal folds, tained, the striking of sait water and showings of all or gas that appeared than (I to 6 degrees). On this peneral every bold mak. Schooquest far- monotinel dip, minor faxifring had The effort to find the oil pool was 80 degrees) and at a abort distance joint considerable gas was encounter. Seet several gallons of oil were baled of Mines, after a thoro investi- prince the entire strath of the Messligition of petroleum.

whom belongs the honor of bringing. The possibility of developing come. In neveral wells drilled for water second well was immediately accurate to the property will in the head, funding productive oil and gas reads in and near Farmington gas was with the aim of tapping the same gas, in the property will in the field, funding the same gas, and seem farming the same gas was with the aim of tapping the same gas. dit in pointing out the possibilities of thority as western pobling; Fred. Pay. The sum of \$14,000 was raised by howing carefully compliand authorite Flaher, lermorite with the U. B. Gate feet when the cable bruke and the total a miles sorth of Aston pared for the Times Boatler the fol. eral resources of this state; C. A. thin well had reached a depth of Prior to Re-field to the field secured years are, the pre- an included the secondary and man Fermington. In the feltering spring Williams Synchotic special the field secure are the secondary and the secondary and the feet secondary of grant in the feltering spring Williams Synchotic special to find the feltering spring Williams Synchotic special to the feet secondary of grant in the feet se first Midwest periograms who estered the New Maxico School of Misses and was apurised in one mile north of the Hugheck dome structure to the etta A. James, farmenty president of and to whom, belongs some of the ere. School of Mines, and a twognized as: Oil and fear company was organized E. T. Williams Well to 1936 He-Juhn A. Wighter, a well known head degineers among when may be not Revent Gas Flow With Oil young the past 16 years turned Frod Arthur Lakes, formerly history of the search for potenieum in logical Burvey; and Dr. John E. Bont, when her; non what, little live make the dell had po in this region has been suggested by struck, at shallow depths instructor in geology at the Coheredo. In the fall of 1906 the Parmington are supposed to undertie the gras some many noted prolygists and petroleum Farmington, Well in 1966 Shows

the San Juan nier, which drains some gas and oil was struck, but loss has been done there for the past sevboundary at about the New Mexico five weeks. Soon after making his relittle sawer part of the Mexico-five for green, it minutes, and the western still, which covered a period of about number of weits at a last to Tue feet in The region revelves its name from to a depth of 1500 near that city, and panied the oil, and no further work port, the Parango people drilled a well mation. Canaderable water accom-

High Grade Oil

of land north of the river on which Continental Divide to 5,000 feet in the oil was struck that wall estimated to Farmington and Astac business meet There is also an initiations acreads alrestions vary from 5,060 feet on the gran Springs, Collyado. At 1000 feet Verde Oil company, organized by er sand, but an incontrollable flow of Farmington. A depth of about 1800 hole was carried down to reach a low- R. 12 W., about 9 miles northeast of make about twelve barrels a day. The started a well in Section 16, T. 30, N. water necessitated its shandonment.

"Altho the oil has so far been ob Arter Last Year Of this well frof Lakes maid:

parrelielie gradegiel of Mountal, Total. Historia, is reverse thing, a string of anotheres of the Mountains steph nates, and in November a well

The most pronounced structural fee- Gas struct at Make Well in . by shandowed. The toy reports some and daking trouble caused this wall to some gas. The following year the good showings of high grade oil and feet was reached when caving ground

Five Million Foot (samer at

the second of the second structure is recognized in all the great The strate is a smith for boring, and one with the Agiec Oil Synderate and the second state of the strate as an important there is a gently curved satellinal other well was financed and drilled geologic factor generating the accumu- structure of surrounding mesa, which one mile south of the Lewis of Asiac This type of pas are good indirect signs of oil. By's pooling of Mesa bords inter-, Itial wall in given for oil and gas." I was their phone with light and fust. A he as legitionate proposition for the granger was brot in. The sun was some as not unfavorable. We think it would be 1000 feet a f. william cubic feet temple of Farmington to put down a set this the thrun and is now supply

reenmented up to supply the town with "gas and work in now" in progress at Well No I to tay the oil strate which

Barrey Can Flore

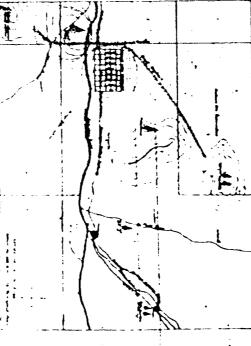
In the summer of 1890 the E. Ja

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NAVAJO CIT TOWNSITE

In the Heart of the Oil Field

covery well. Navajo City is destried to be the BOOM town of the On the main highway and only the miles from the Midwest the-



to business dualines mosths time. Prices But, \$100, \$130, \$156 depending on mearment two purchased cheaply new may be worth thousands in a few WARRANTY DEED INCLUDING ALL OIL BIGHTS. A IN OF due it as under the Mubinest location. EVERY 107 NOLL: WITH Lineated on a district of structure and the same oil said runs on

gtructure on the western part of the Farmington oil fields. Very high grain oil was found in the ... in 1012 another local company defining to the control of the Wasdows. Cartion of the control of the Wasdows. Cartion dians who have lived to crowd both events into a lifetime. the famed Bosque Redondo. And there are a few old Inwhen they captured the Navajoes and deported them to reservation was visited by Kit Carson and his men in '63 of romance to a land whose picturesque natives lister been from the binds on the banks of the in the San Juan Basin region, it did more than to prove barrel well of high grade petroleum in the Hogbuck dome (retaceus am ceper cartanderous em "rauves "en cruses thrilled with great adventure before. This part of the the presence of commercial oil. It added another chapter pariferous, and oil seeps copiously

Navajo may such foreske his flocks ket may become an art work of the plateau province on the western slope miny holds, and in northwestern tolo-2,100 feet, where a large volume of April - result of the oil strike the

tique applying to other non-reserva ment laws and departmental regulaeral and oil development under govern -16 miles wide and over 90 miles in on the north, to latitude of Gallup, known as the Fruchmation Addition, from latitude of Durango, Colorado, ties that the first scientific explora oil at Shallow Dapidas Struck brother. A portion of the reservation, less circular in outline and extends will be equally shared by his pale-face line of this land practically adjoins Arrisons line the Secretary of the Interior for minlength, has recently been opened by New Mexico, on the south, a distance the Midwest well, its value is readily However, the Navajo's greed furture liasin boundary about longitude of nearly 200 miles. Its width is green, 45 minutes, and the

tions, altho on a different structure. ; the deeper valleys are nearly 800 feet garm tands norm of the freeds to fortant; tributaries of the colorado, of the enterprise a few miles distant, the deeds to fortant; tributaries of the colorado, of the enterprise a few miles distant, the deeds to fortant; tributaries of the colorado of the enterprise and in frageas At which include all oil rights, afford an Ceorcaphically it may be characteris. Oil Later Feund in Fageas At other opportunity for drilling operated as a dissected plateau, in which Depth of 1,800 Feet below the general upland level

the department of the interior can is-There is also an immense acreage elevations vary from 8,000 feet on the drilling permits. San Juan valley.

for petroleum has been barried on PVoun prospected for all. This mearth laserfiled For over thirty years this region has. The Great Haghach since Pred. Arthur Lakes, a former sol of Mines, after a thoro investi prises the entire strets of the Messa-on, reported that conditions were verte coal ferniation, and practically tal oil Walls to the Ben Juan uctor in prology at the Colorado ture is the Drust Hagback, which com- Farmington P

in every beld wint. Bilinequent theorable reports by either emissait growcontinued becames of the persistent begings of all or gas that appeared tion (I to 6 degrees). On this general The about is and the oil pool was rists sparsesed the totarest, as dis-nomes and serrange.

the final success of the Midwest Re- Of Qf Herr mercial oil for the busine enimented in Expects First frances Femilish The Rich Manual to locate rem. liation of petroleum

The penalbility of developing com-

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mer; Just, in the Permissi or Upper Car

if the Continental Divide, and they rado and northeastern Clahunity, six miles west of Farmington; Second Meadows Well Put le naccous phale outerop of the Larmany of anga were reported in the the Maziene, with its included In the Hayden survey (1870-74) Down 2100 Feet

(by JOHN A. WEHRER)

firm a part of the Great San Juan Durango Well in Early Ninetles Show a Oil

about 150 miles, having its sealers This is a structural basin, more or The region receives its name from tion to determine the oil possibilities in Beven Lakes Fields of this region was undertaken A It was in the latter part of the nine-

of land north of the river on which Continental Divide to 5,000 feet in the oil was struck that wall estimated to I armington and Asiac business mee, gram Springs, Loldrado. At 1000 feet Verde Oll company, organised water mecessilated its abandonment In 1901 a well was drilled mear Fa-

The most pronounced structural fee-I Gas struck at Stake Well in

80 dagrees) and at a short distance chal srea. From this rise the strate west of Farmington; but as the rig from the rise with a wederate inclina- ed. of the basis was first steeply (15 to of only 350 feet was attained, at which lings of oil are reported, and at 200 dy southeasterly breards the renter was one of limited capacity, a depth loopth of about 1800 feet. Good show juint considerable gas was errounter. started on the Blake farm, one mile in the early nineties a well was

monominal dip, minor flattring but. "Althe to oil has so far been ob- Aster lant lear developed a series of satisfinal folds, tained, the striking of salt water and pas are good indirect signs of oil Of this well frof Lakes said

Gas and oil sceps occur in the garthe work was abandoned

Colorado Crelaswoos outerop Later Ind. The San Juan Basto Oil company 'ported in the log of the well

then government land. As the western boundary at about the New Mexico-live weeks. Soon after making his re-lithe lower part of the Meseverile for Farm lands north of the river only wratward and is use of the most im of the tools caused the abandonmentieral years. These wells were reported 106 de Frof lakes to make a thoro examin much attention. Oil was struck in a western ation, which covered a period of about number of wells at 4,560 to 700 feet in some gas and oil was struck, but lossiban teen done there for the past sevto a depth of 1500 near that city, and panied the oil, and no further work port, the Durango people drilled a well mation. Canaderable water accomfund for this purpose and engaged miles south of Farmington attracted number of Durango people created at In 1912 the Seven Lakes held 60

Mana Verde Well in 1918 Bhows High Grade Oil

er sand, but an incontrollable flow of Farmington. A depth of about 1200 hole was carried down to reach a low- K. 12 W., about 9 miles northeast of make about twelve barrels a day. The started a well in Section 16, T. 30, N the abundoned. The log reports some and casing trouble caused this wall to name company drilled another well to Section 15 of the asme township, to a some gas. The following year feet was reached when caving ground feet several galions of oil were good showings of high-grade oil and In the spring of 1918 the Mass

Five Million Foot Conner at

regarding Individual for all seeps structure is recognised in all the great. The strate is a light for borner, and one with the Agic Oil Syndrate and The strate is a grain curved anticlinal other well was franced and drilled the structure of th goologic factor governing the accumu- structure of surrounding mean, which one mile bouth of the town of Aster ... Itial wall in givet for oil and gas." I may that place with light and fuel two pie of Farmington to put down a ed this the turn and is now supply be a legitionate proposition for the gaager was brot in. The gas was peris not unfavorable. We think it would be 1000 fact a 6 million cubic feet in several wells drilled for water by a pooling of Mean Verde inter second well was immediately started

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may have to be this dimen into

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west of Jarmington to a depth of 1,000 bital, is now drilling around 1280 for heident. That treat titl Just 21, 7 30, N. R. 15 W.) fifteen miles linanced by Farmington and Chiu cap depth. The tools were later just and about 6 miles portheast of Farming Some oil was reported at that in Section 24, T. 30 N., K. 13 W. Kanda to Non Juan Region The filade (hi and fas Hynorais ton. Hume gas is reported from this

in Midwest Well on Laplata Thirty-Five Million Foot Govern

of calleding off royaltas. This will combinestern here Mexico and annulation members, is the princi crassed. Later Calabona operators in the Ute laftan reservation, is taken extribit, and annulation members, is the princi crassed. Later Calabona operators in the Ute laftan reservation, is taken extribit, according leases on the mean feefful Navajo biang expenses of Colorado are situated in the jud source of oil in the famous Wyo-kieck hold and put the hole down to a midical source. as the Manuel shale formation, and (Section 16, T. 30, R. 15 W.) is 1913, in the ancient of this section ment of which seems now seatered at luny but you down shoul 400 feet, when the Well No 1 of their 4,000 are least infine white representatives time funds. Seemine exhausted and work to the lift lafter reservation. In term, of the ground since the lift difficult to offician casing during the the derived and most of the deriving. Pjeuditure of militars of dollars, that period, the well had to be abade apparatus. A new rig was set up. Threefor, with the application doned. Several oil showings are recognitive will be a derived and the control of a contro water was encountered and as it was ally became ignited, totally destroying delling campaign that will involve th become it is allowed to the control of million of dellars. 'at pround 1200 feet, which are bless in preparations for an

well and small showings of oil. ran be provided

The Midwest Refining curpany by of the han Jian Basis, the devolop reference of a huge oil peed in this part of the madia deflied in this regard, we theretely is you as not be to belt, in and have every reason to promine the In view of the foregrand facts the

street flow (Lealed) of gas was struck should be decembed here, in the 487 und Well No. 2 drilled rapidly to a himic atear of months and look ide thad 2300 feet, where a 35 million is all methods anown to oblion, there This gue may be piped to Durango, several thousand square noise Several weeks were spent in bring year fiture an oil and you field of INK this miabl master under control vast initeritative, environ on an area of A new rig was set up. Thruther, with the application

NAVAJO CIT

In the Heart of the Oil Field TOWNSITE '

covery well, Navajo City is destined to be the BOHM town of the On the main highway and only the miles from the Midwest the Beath

