



BULLETIN OUTLINES GEOLOGICAL WORK IN THE ARTESIAN BASIN
 from the finat report which extract be be
published in the natr uture oy the
U. s . Geological Survey as a Water
f. As denoted by the above title,
much of the contents are eiven to
the reeommendations for conserva

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classed as the principal area of in-
take may be considered that portion
west of Hope and east of the Y. .the Rio Penasco, and that which lies
between the Border Ridge Fault at
its point of crossing the Rio Hondo
and the Sixand
cludes a strip approximately 18 miles
wide and 80 miles long or an area

 water in the valley fill is art valuable
resorce that remains relatively un-
developed and merits more considerdition than has thus far been given
to ot Athough the shanlow ground
water in many places is not sita Yor domestie purposes, most or it it
can probably be used for irrigiotion
if the land is well drained and proper care is taken in using the water.
There are many large trate of land
within the artesian arrea, especially aby be irrigated with shallow, ground
water obtaninbel from dephs of 50
feet. There are also many farms wells has diminished greatly or
censed entirely anh oher atemts
should be made to develop supplies of the shallow ground water for
irrigation flthoun the possibity
of overdraft on the ground water in the valley fill seems rather re-
mote at present it hhuld not be
tirely disperand quite possible to withdraw by pump.
ing more water than is being con. tributed to the zone of saturation in
the valley fin and olowerth water
table to such an extent that maty now maintaining observation wells effect excessive pumping will have
on the drawdow on the water table.
While the report bility or future development and also
the opssibe losses, it is in $n \mathrm{mo}$ way
 and basin ir a program of economy
and conservaion is develope to a
maximum deerree of efieien the state engineer in the Ninth bi-
ennial Report and in Bulletin No is almost tmpoossble to distinguish be tugo the pearl and examining by cut
neectoo.




\section*{| BURLINGTON WOULD BUILD |
| :--- | :--- |
| FROM PLAINVIEW TO N. M. |

 THEATE <br> Fri.-Sat.-Dec. "IN OLD ARIZ Don't fail to s picture! <br> 24 \% <br> We wish our many friends and custome <br> MerryChristma <br> and a Happy New Yea}

May 1931 prove prosperous and healthf to you!

WORTMAN'S SUPER SERVIC
为


## Wishing each and every Merry Christmas and a Happy New Year <br> Dexter Service Station <br> D. HERBST, Prop.

## COMING! THE THREE HAWKS

WITH A FLEET OF MODERN AIRCRAFT All government and licensed planes and pilots, passengers will be carried at special reduced rates-don't miss this opportun-
Parachute Exhibition Dro
AND EXHIBITION FLYING SUNDAY, DECEMBER 28t ARTESIA AIRPORT

$21 / 2$ miles west on hope road



| How to Press Flowers to Get Best Re |  |
| :---: | :---: |
| noting towers they stuuld |  |
| y pressed und dried. Ti |  |
| $h$ as bletting, covering each layer with another |  |
| et of paper and placing some heavy |  |
| books on top to press them well. Ir |  |
| ting with a hot fron hasteus the drying but spolis the color and is not advised. | WASHINGTON, D. C.-The following statement, issued by the |
| The blotting paper must be changed |  |
| day until the llowers |  |
| wers may also | tion for the state and counties of |
| Ime by dipping them in candle wax |  |
|  |  |
| ed, not too hot, and the llowers dipped |  |
| for a moment. The petals are cov- |  |
| 1 m | County |
| nsparent and prevents | Bernalillo - .--.- 15,71 |
| properly done the | Catron |
| ut two | Chaves |
| ent also. | Colfax - ....-... 33,414 66,187 |
|  |  |
| How Watches Ar | Eddy - .-------..- 52,433 51,353 |
| 23 jewels, 1 | Grant - .--------- 6,7 |
| ng band or center wheel and | Guadalupe . ...- 3,431 |
| heel, the fourth wheel, | Hidalgo - ------ 3,6 |
| wheel, the lever and the | Lincoln - .------- 4,7 |
| hole jewel at each end of each ar. | Luna - .--------. 6,9 |
| bor, making 14. The balance, the lev- | McKinle |
| and the escape wheel | Mora - .-------- 45,837 |
| nes as well, which make six mo | Otero - .------.- 5,349 |
| Then there are three Jewels in the | Rio Arriba - .-... 41,249 |
| pement, whilch make | Roosevelt - ----- 4,823 |
| ement has 21 Jewels, then the thin | Sandoval - ----- 20,621 23,214 |
| vels of the golng barrel have been | San Juan …-.-. 38,696 ${ }_{\text {42,470 }}$ |
| ed. If 19, the | San Miguel - .-.- $25,337 \quad 16,565$ |
| escapement wheel have been omitted | Santa Fe ------. 13,692 10,582 |
| If the watch has only seven |  |
| els, they usually consist of the | Socorro - .-.-.-.- $7,32881811,110$ |
| , | Taos . .-.------ 47,903 |
| Jewels, and two end stones for balance arbor. | Torrance - ------ 477 |
| balance arbor. | Union - .------. 706 6,774 |
|  | Valencia - ------ 28,334 19,241 |
| How Forests Petr | All other ------- 3,432 <br> 0,810   |
| Hed petrified forest | Total - ---------551,420 538,3 |
| the trunks and branches ch were petrified whit |  |
| ad later exposed. Many of |  |
| fled trees in the wes |  |
| main in their original itton and rise to helght |  |
|  |  |
| sh and pumice ages ago. Con- |  |
|  |  |
|  |  |
|  |  |
| $\begin{array}{ll} \text { ec } \\ \text { nama } \end{array}$ | To read carefully all that our ad- |


| Variation in Bank Doors <br> The weight of the doors on bank vaults may range anywhere from 200 pounds to 40 tons or more. Such doors are made of laminated steel; that 1 s . layers of chrome steel alternated with layers of softer steel. <br> Wonders of Nature! <br> LIghtnting bugs are said to be so blg out Oregon way that they catch them and paint them black to keep them from flagging trains.-Pathfinder Mag azine. |
| :---: |
|  |  |

Business Directory
W. H. WHATLEY, Produce ROSWELL, N. M.
in the market with the highest cash price for poultry,
nomizicums
$\qquad$
Department of The Interior, United
States. Land Office, Las Crues,
N. M., November 14, 1930.
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days of Suffering
Now QUickly ended Tis Natime wat our ENDED


## BY SPECIAL REQUEST

a return date, December 26-27 for "Hot Shot Kid Thomas," the one man band, and his Virginia Minstrels in a complete change of program each night. Both pictures and vaudeville, entrance to entire show, 15 c and 25 c -bring the family.

## HAGERMAN THEATER

## IF YOU WANTTO ECONOMIZE IN USING GAS

## REMEMBER THIS:

Turn out the stoves in the rooms when you do not really need the heat. Turn down the stove after you have the room warmed to suit you. See that your stoves are properly adjusted, both as to air and gas, as they are both necessary in the mixture to get best results. You will use less gas by turning it off at night and heating your room again in the mornings, rather than burning stove all night. Call our service man to adjust your appliances and demonstrate to you how to adjust them.

## Pecos Valley Gas Co.




-famous the world over

Pinaud's


Shampoo


for follisise kerle to Pimand




Our Sincerest Wish Is That
You fet lotst of Happiness and Joy ,
LET'S hope you spread Good Cheer and make everyone else Happy ....after all bringing Joy to others is your main pleasure
CFE•MODEL




is spending the Christmas vacation
in Hagerman.
The many friends in this com-
munity of Louis Bitney wish him
every success.
 Tom Utterback, of State College
arrived to spend the Christmas vaca
tion with parents and friends here Wallace Goodwin, of Atresia play-
ed a clarinet solo during the Christ-
mas program at the Baptist church
Tuesday night.
L. J. Hash accompanied Harold
Dye to Loving Sunday, where three
deacons were ordained in the LovDye to Loving Sunday, where three
deacons were ordained in the Lov-
ing Baptist church.
The beautifuly lighted Christmas
trees in the C. G. Mason and the The beautifuly lighted Christmas
trees in the C. G. Mason and the
E. S. Bowen yards, are pretty re-
minders of the holiday spirit. Spurgeon Wiggins has returned
for the holidays from Lubbock, and
Max Wigins has come in from
State College for the vacation. Mrs. Heitman, who has spent a
month at State College with her month at state College with he
sons, William and Frederick, , has re
turned with the boys for Christmas turned with the boys for Christmas.
Miss Helen Thurston, sister to Mrs.
Bryan Bryan Hall is visiting here through
the holidays. Miss Thurston is pres.
ident of the freshmars. the holidays. Miss Thurston is pres-
ident of the freshman class at T. W.
C. Frank White is at home for the
holidays. He suffered a severe ac-
cident playing football at the Normal



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\begin{aligned}
& \text { liamson are visiting with parents } \\
& \text { and relatives here during Christmas. } \\
& \text { They have bee teaching in the } \\
& \text { schools at Gallup. }
\end{aligned}
$$


 records of the naval batteries brought
Into action. Each was a .50. callber,
14-1nch navy rifle, capable of throwing
and claratory Statement No. o37221.
The purpose of this notice is to al-
low all persons claiming said land Rev. L. L. Thurston of Gallup is
expected to arriv Friday for a visit
in the home of Mr. and Mrs. Bryan m, $\begin{array}{lll}\mathrm{nm} \\ \text { and } & \text { nel } \\ \text { mas } \\ \text { esia }\end{array}$ plete
wer
Cher

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\text { and } 0
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 planes. The string of revolving bercons stretclies form
ent cons stretclies from the Atlantle
the Pacifc, and deep into thie south.
The towers, Hikhthenses of The towers, lighthouses of a new
comnerce, are buitit and operated by
the government, primarily for alit
mall service, while the airplanes me government, primarily for alr
mati service, whille the airphanes
whlch earry the mail are owned and which carry the man are owned and
operated by private compantes.
The towers are cu feet high. The beacoo Ulights cost s475 each, and the
lamps, which have a life of 60 hours,
sell for so.50 eact Messenger Want Ads pay


