indian Head.

The country eurrounding Indian Head has for years been known as one If the it hest wheat sections in Assiniola and still produces yearly large quantities, of grain. Last season bout 240,000 bushels were handled bout 10.000 bushels were brough the mill and the eight elevators, but this is only about one-third of the amount susually marketed. Among his there was a good-proportion of No. hard wheat. The country surroundng Indian Head may be said to be

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find out what are the best suited to this country and some very satisfactory work has been done. A large proportion of the buildings here are constructed of white brick which gives to the place a bright and clean appearance. The brick is made at a point in the Qu'Appello Valley, about eight or ten miles north of Indian Head. The most important building erected during the last year is the cight room public school. This is of brick and cost about \$12,000 or \$14,000 or \$1 present and the remaining rooms will not be finished until required. Jos.

A Sun Motor.

After Years of experimenting a suc-After years of experimenting a successful sun motor has been constructed, and is now in operation pumping water at the ostrich farm at Pasadena, Cal. Various types have been made by different inventors, but this one is the nearest to perfection to anything yet produced to ac a model for the construction of innumerable motors of this character, which may be utilized later on In appearance it is like a huge umbrella, perhaps forty feet in diameter. The concave side is formed of

us it follows the sun automatically all day, requiring no further attention. The boiler is kept full automatically by a pump which feeds from the main pump. Thus the mirror keeps likelf in position and supplies itself with sufficient water to run it without any attention beyond swinging it into focus in the morn inc.

ing.

It takes about an hour to get up steam in the boiler with cold water, but for the purpose of pumping water the element of time is not so important, and proposed improvements are expected to reduce that time



Episcopal Church, Indian Head



Methodist Church, Indian Head

Glenn built a solid brick block in which he has his office and implement show rooms, and a number of very fine dwelling houses were also erected. There are a large number of stores and other business places, there being a planing mill, a 100-barrel flour mill, five general and two hardware stores, two lumber yards, etc. No business changes of importance took place during the last year which may be taken as a sign that the merchants are satisfied that they cannot better their lot by r. change. tirely wheat kand, as very few of the rmers have more stock than they re-the for their own uses. To the south the town there is some mixed farmdone and north of the Qu'Appelle in the Touchwood Hills, there aley, "I the Touchwood Hills, there is a lot of ranching done, but only portion of this trade is handled at alian Head. A short distance to the arth of the town is the Dominion overnment experimental farm for the lorthwest Territories, which is under be control of Angus McKay. Tests remade in cultivating different kinds a state of the state grains, vegetables, trees, etc., to

by a change.

By courtesy of the publishers of the Vidette we show cuts of some of the principal buildings at this point.

mirrors, the one now here having about 1,800. They are so arranged that they focus their heat, reflected heat upon a cylindrical boiler, which extends across the umbrella-shaped reflector. The reflected heat of the sun is focused on the long boiler in exactly the same manner that the rays are focused through a burning glass. The boiler is black, that cotor absorbing more heat than any other.

or absorbing more near the cother.

The mirror is supported on an iron frame-work not unlike the frames which support windmills. It is swung into focus by turning two cranks a few times, and once in focus of the country of the coun

somewhat. All the parts of the machinery work automatically, the pump being of a special pattern, which requires no attention beyond occasional examinations to see that the parts are not reading.

The pump draws I also gallons of water a minute, and the limit of any particular plant is determined only by the size of the reflector motors.

The machinery was made in Boston, a company having been formed there to construct them, and Southern California was selected as the most suitable locality for the first long experiment. So far it has proved successful beyond the wildest dreams of its inventor and builders. This utilization of the sun's rays in pumping water opens a long series of suggestions in irrigation problems. There is an empire in this country now awaiting the touch of water to make it as productive as the lands already brought under the skilful manipulation of the professional water purveyor.

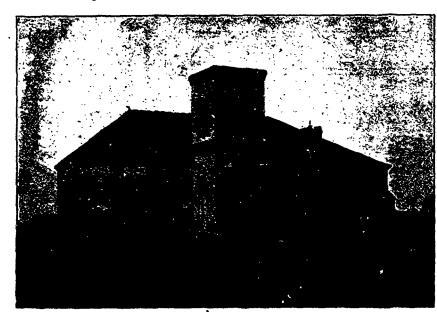
Some enthusiastic members of the community, when they see this motor in operation, see visions of this great empire yielding enormous cops in the near future.

It doesn't require as much water as this motor raises to irrigate the average farm, and with the arid plains dotted with these motors, even as Holland is dotted with windmillis to keep the water out, the great American dessert would speedily become nothing but a memory.

The Boston company is said to be making more machines of varying sizes which will be tested under its.

The Boston company is said to be making more machines of varying sizes, which will be tested under different conditions. If they prove as successful as this it will not be long hefore there will be others set up in this part of the state. Several have expressed their determination of installing them if this one proves satisfactory.

The severe tests to which it has been put have so far falled to produce detrimental results. It may not be long before the arid plains will be dotted with machines filching energy from the sun with which to overcome the effects of his power.—New York Commercial.



Presbyterian Church, Indian Head