

inexhaustible with a small Worthington steam pump. A 12-hour test was made on the seven wells with a steam pump having a capacity of 25 gallons per minute. The level of the water was not perceptibly lowered. They are now being pumped at the rate of about 20 gallons per minute. The water gives a slight red scale in boilers.

At Grimesland several wells have been sunk to depths of from 40 to 240 feet, the water rising to within 15 feet of the surface.

The A. G. Cox Manufacturing Company at Winterville obtains its water supply from a 33-foot driven well which penetrates Peedee beds. The water is ferruginous, but is reported to scale but little. This well is pumped 10 hours a day at the rate of $5\frac{1}{2}$ gallons per minute.

On the farm of G. W. Cox, 6 miles east of Ayden, on land the elevation of which is between 20 and 30 feet above sea level, a well driven to a depth of 16 feet yielded a flow of about 2 gallons per minute.

In the town of Grifton deep wells 80 to 125 feet deep and from $1\frac{1}{4}$ to 5 inches in diameter are used. There are about fifteen deep wells in all, of which the town owns eight. The water rises to within a few feet of the surface. The first well was drilled about 1896. The water comes from limestone layers in the Peedee beds.

At Bruce a water highly impregnated with iron and sulphur was found at a depth of 85 feet in the Black Creek formation. The springs

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Number.	Location.	Owner.	Date completed.	Elevation of surface above datum—feet.	Datum.	Depth—feet.	Diameter—inches.	Depth to principal water supply—feet.	Height of water, $\pm$ surface—feet.
1	Grimesland	Alston Grimes	1905	about 40.	sea level.	100	—	—	—
2	do.	do.	previous to 1861.	about 40.	sea level.	240	$1\frac{1}{2}$?	—	—12
3	Littlefield	Mr. Lang				150	—	—	—
4	Ayden	I. J. McLawhorn	1905	67	sea level.	65	$1\frac{1}{4}$	65	— 5
5	Ayden, 5 miles from	Mr. Tripp				220	$1\frac{1}{4}$	—	—
6	Ayden, 5 miles S. of	J. W. Quinlan Bros.		about 60?	sea level.	114	$1\frac{1}{4}$	114	—
7	Shelmerdine	Mr. Stokes		about 40.	sea level.	150	—	—	—
8	Winterville	Bryant Tripp		about 70.	sea level.	140	—	—	—
9	do.	R. H. Hunsucker		72	sea level.	63	$1\frac{1}{4}$	—	—
10	Greenville	Greenville Ice Factory	1906	$45\pm$	sea level.	157	2	—	—18
11	Greenville, at Hooker's gin.	O. Hooker	about 1901.	50	sea level.	156	$4\frac{1}{2}$	—	—15?
12	Greenville, Cox's distillery.	do.	1906	5	sea level.	101	3	—	+ 5
13	do.	do.	1906	5	sea level.	106	2	—	+ 5
14	do.	do.	1906	5	sea level.	114	2	—	+ 5
15	do.	do.	1903	5	sea level.	40	2	—	+ 1