

BAKE 760

BAKE 760 Pg 2 of 3

8/46-8Q

Information from daily drilling log sheets of City of Halfway well, drilled by Rudd W. Davis, 8-10 to 10-~~8~~-55.

- 5' Top Soil
- 20' Gravel, boulders, cement gravel. Enough surface water to drill well.
- 20' - 22' No water
- 22' - 29' Cement gravel, soil, boulders, some loose ground.
- 29' - 40' Hard pan - brown in color
- 41' Picked up little water
- 43' Picked up water
- 40' - 54' Hard pan
- 54' - 64' Dark brown clay
- 67' Picked up water
- 75' - 80' Drove in 33' - ⁴/₂" pipe, cleaned hole to 75'.
- 80' - 95' Sand and gravel, clay and gravel, brown.
1 1/2' of 10" casing
- 95' - 140' Packed clay and gravel, some water at 108', 123' and 136'
- 140' - 180' Soft clay and gravel
- 141' - 145' Some gravel, little water
- 155' - 160' Picked up more water. Water level gaining all the time
- 180' - 193' Clay, brown. Some sand and gravel.
- 193' - 195' Gravel. Water raised in well.
- 195' - 198' Hard pan - possibly some water at 198'. Picked up water all the time, raised 18', never boiled down more than 10'.
- 226' - 233' Soft grayish clay and gravel to 237'.
- 237' - 240' Med ~~240'~~ to 246', soft, some gravel. ~~246'~~ - 250' gray, hard. Tools come out clean.
- 250' Water 6' from top. Pipe in hole 112'.
- 250' - 275' Grayish hard pan, drilled slow. Some water at 260' and some between 270' and 275'. Water strata 12' from top then dropped to 18' and stayed there. Bailed 120 gallons in 4 minutes.
- Run pump in September 7. 6" pipe and 8" imp. 78' tail pipe and all. Broke suction at 500 gallons per minute. But would pump steady at 150 - 175 gallon per minute.

8" perforated casing from 113 to 275

(Over)

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Also, I found out from those who were around here when the well was drilled at Halfway Ranger Station that this well has 6" pipe for full depth. The reason being it was drilled during the war and this was the only pipe available.

Edwin B. Abbott