

Grafton
Worth Co

DOCKET IOWA I255-DS

Owner- Town of Grafton, Worth Co., Iowa

Contractor-Thorpe Well Co., Des Moines, Iowa
Contract No. I-Well

QUANTITY TEST OF 8" HOLE- 172 Feet 6Inches Deep
TEST CONDUCTED FOR 8 HOUR PERIOD ON JANUARY 7, 1938

PUMP CYLINDER 5-3/4 " BY 4 FEET 6 INCHES
BOTTOM OF CYLINDER- 125 FEET 3 INCHES IN HOLE
23 FEET-6 INCHES OF 1 1/2" SUCTION LINE BELOW CYLINDER

| TIME | 24" STROKE PER MINUTE | STATIC HEAD | DRAWDOWN | STATIC HEAD ON GUAGE # | DRAWDOWN ON GUAGE POUNDS | TIME TO FILL 300 GAL TANK | G.P.M. |
|----------|--------------------------|----------------|----------|---------------------------|--------------------------------|------------------------------------|--------|
| 8:20 AM | 38 | 41' | 13.86 | 36# | 30 | 2.37 M | 114.6 |
| 9:20 AM | 37 | 41' | 13.86 | 36# | 30 | 2.32M | 118.2 |
| 10:20 AM | 37 | 41' | 13.86 | 36# | 30 | 2.37M | 114.6 |
| 11:20 AM | 37 1/2 | 41' | 13.86 | 36# | 30 | 2.35M | 115.8 |
| 12:20 PM | 37 | 41' | 13.86 | 36# | 30 | 2.33M | 117.6 |
| 1:20 PM | 37 | 41' | 13.86 | 36# | 30 | 2.35M | 115.8 |
| 2:20 PM | 39 | 41' | 11.55 | 36# | 31 | 2.41 | 111.6 |
| 3:20 PM | 38 | 41' | 13.86 | 36# | 30 | 2.27M | 122.4 |
| 4:00 PM | 38 | 41' | 13.86 | 36# | 30 | 2.37M | 114.6 |

THIS 8 HOUR TEST CONDUCTED WITH OPEN WHEEL, BEFORE THE ANNULAR SPACES
BETWEEN CASINGS AND HOLE WERE SEALED.

See attached sheet for source