

K. W. BOWLER, INC.
MEMPHIS, TENN.

DEEP WELL TURBINE PUMP PERFORMANCE CHART

48954
CURVE SHEET NO. 104-
DATE NOV. 2, 1963

THESE CHARTS SHOW THE GENERAL SHAPE OF THE PUMP BOWL CHARACTERISTICS UNDER BASE TESTS AT THE CONSTANT SPEED INDICATED. A TOLERANCE OF PLUS OR MINUS 2% MUST BE ALLOWED IN THE GUARANTEED CAPACITY, HEAD, AND EFFICIENCY AT THE RATED POINT WHEN PUMPING NON-GASEOUS WATER, FREE FROM DEBRIS, AT A TEMPERATURE NOT OVER 50° FAHREN, AND WITH THE CORRECT IMPELLER SUBMERGED.

FOR **MILNER IRRIGATION-IDAHO**
ADDRESS ~~WEEB~~ **PLANT NO. 2.**
TYPE OF PUMP **RK SPL.** R.P.M. **1780**
SIZE OF PUMP **20** INS. 1 STAGES **10RK21** IMPELLER **STD.**

75512

FIELD PERFORMANCE
THE FIELD PERFORMANCE AS SHOWN BELOW, MAKES ALLOWANCE FOR ALL THE HYDRAULIC AND MECHANICAL LOSSES IN THE COLUMN AND SHAFT OF THE INSTALLATION ACCORDING TO THE STANDARDS OF THE HYDRAULIC INSTITUTE. THE FIELD PUMPING HEAD IS THE LIFT FROM THE WELL PLUS THE DISCHARGE HEAD MEASURED AT THE DISCHARGE CONNECTION AT THE SURFACE.

COLUMN **12** INS. LENGTH **10** FT. SHAFT DIA. **1 1/2"**
CAPACITY **4400** U.S. GPM FIELD PUMPING HEAD **50**
FIELD B.H.P. FIELD EFFICIENCY
MOTOR EFF. WIRE TO WATER EFFICIENCY
NOTES

