

LAYNE & BOWLER, INC.
MEMPHIS, TENN.

DEEP WELL TURBINE PUMP PERFORMANCE CHART

48955
CURVE SHEET NO. 8113
DATE NOV 2, 1963

THESE CURVES SHOW THE GENERAL STATE OF THE PUMP BOWL CHARACTERISTICS UNDER SHOT 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 DETRITUS, AT A TEMPERATURE NOT OVER 88° FAHR., AND WITH THE LOWEST IMPELLER SUBMERGED.

FROM H.T.F.T. # 2279

MILNER IRRIGATION - IDAHO

PLANT NO. 2.

TYPE OF PUMP FIG. SKMC R.R.M. 885

SIZE OF PUMP 30 INS. / STAGES 15 SK151 IMPELLER

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 14 INS. LENGTH 10 FT. SHAFT DIA 1 1/2"

CAPACITY 6200 U.S. GPM. FIELD PUMPING HEAD 50

FIELD B.M.P. FIELD EFFICIENCY

MOTOR EFF. WIRE TO WATER EFFICIENCY

NOTES:

