LAYNE & BOWLER, INC.
MEMPHIS, TENN.

DEEP WELL TURBINE PUMP PERFORMANCE CHART

CURVE SHEET NO.
DATE

THESE CURVES SHOW THE GENERAL SHAPE OF THE PUMP BOWL CHARACTERISTICS UNDER SHOP 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 86° FAHR., AND WITH THE LOWEST IMPELLER SUBMERGED.

FOR U.S. BUREAU OF RECLAMATION
ADDRESS MINIDOKA PROJECT - IDAHO
TYPE OF PUMP FIG. BRLC R.P.M. 1170
SIZE OF PUMP 17 INS. 4 STAGES 8DA/AA IMPELLER

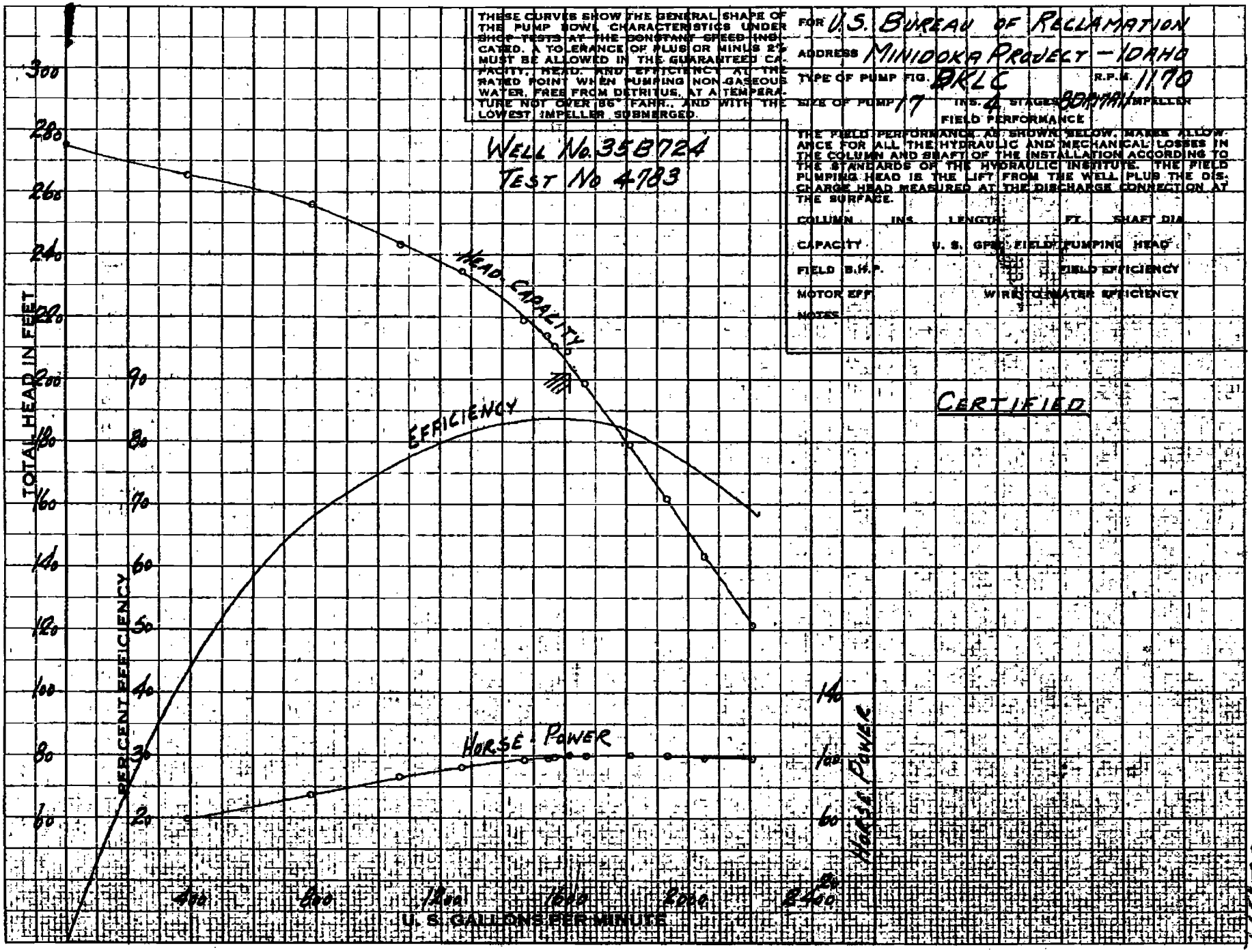
FIELD PERFORMANCE

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 INS. LENGTH FT. SHAFT DIA.
CAPACITY U. S. GPM. FIELD PUMPING HEAD
FIELD B.H.P. FIELD EFFICIENCY
MOTOR EFF. WIRE TO WATER EFFICIENCY
NOTES

WELL No. 35B724
TEST No 4783

CERTIFIED



35B724

KEUFFEL & ESSER CO. N.Y.