LAYNE & BOWLER, INC.
MEMPHIS, TENN.

DEEP WELL TURBINE PUMP PERFORMANCE CHART

CURVE SHEET NO. 3147
DATE 7-24-56

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.

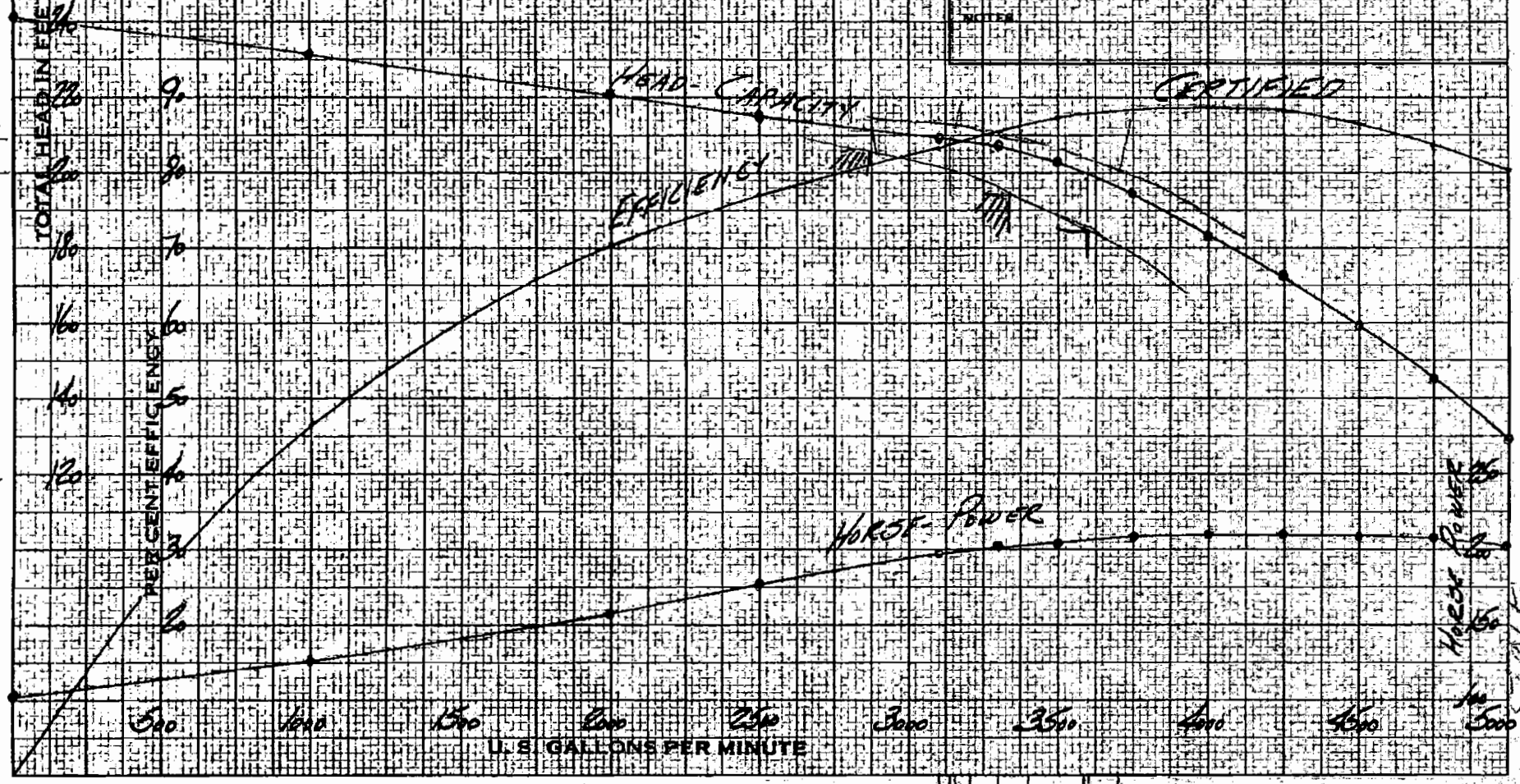
FOR U.S. BUREAU OF RECLAMATION
ADDRESS BOISE, IDAHO
TYPE OF PUMP PTG. PKLC R.P.M. 1190
SIZE OF PUMP 20 INS. 3 STAGES 6.0 IMPELLER 16 C.W.P.

ITEM 12 - WELL 218883
PUMP No. 33376

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
MOTOR



KEUFFEL & ESSER CO. N.Y.