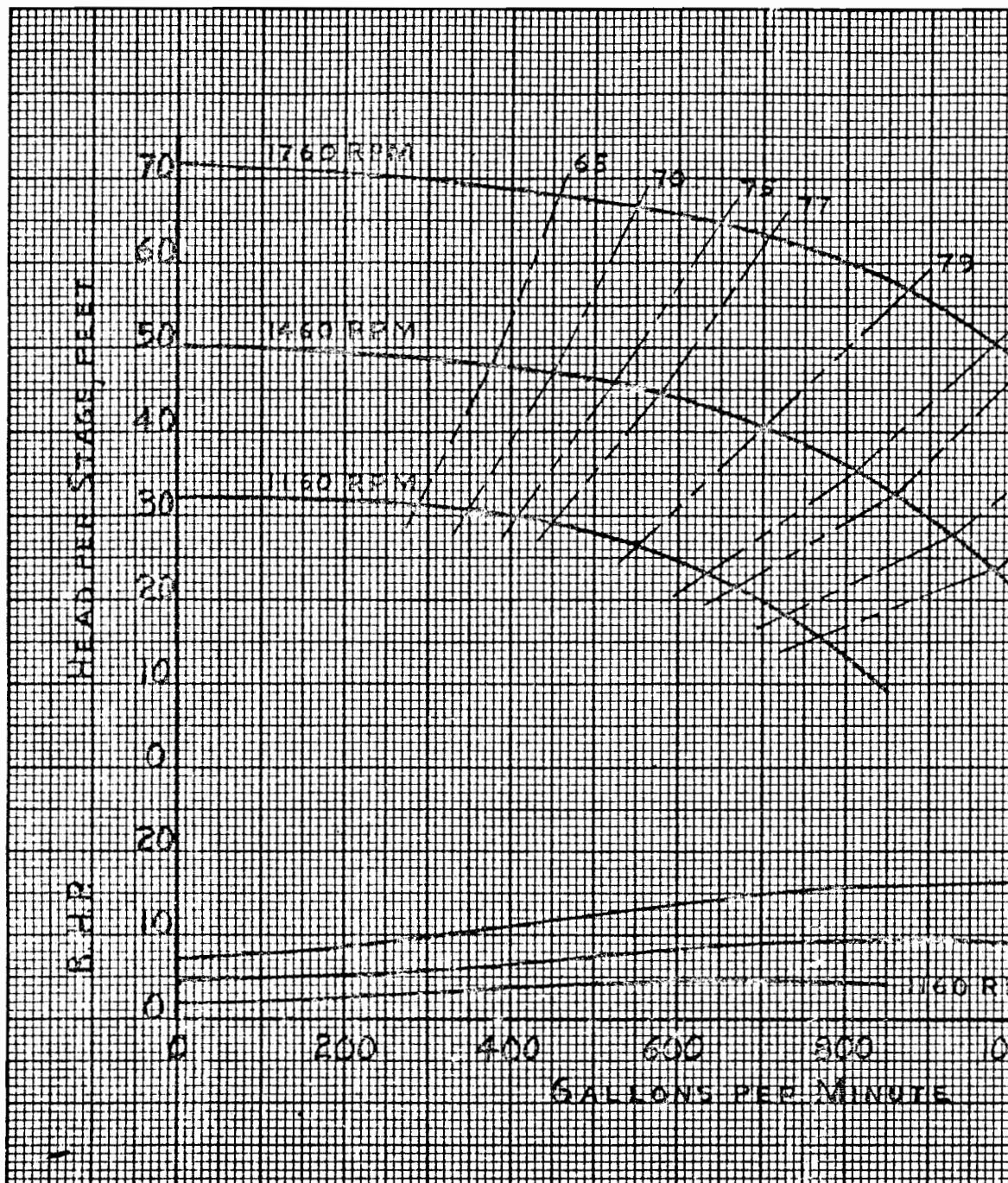




TEST NO.
12CH544
IMPELLOR H
BOWL 12-C
R.P.M. ALL
DATE 2-1-54

WESTERN
LAND ROLLER
COMPANY
Hastings, Nebr.
Pump No. 12-C

NO. STGS	PEAK EFFICIENCY
1	77
2	79
3	
4	
5	

Performance Per Stage with clear non-gaseous water and without column corrections

BOWL HYDRAULIC PERFORMANCE BASED ON STANDARD MATERIALS OF CONSTRUCTION AND HANDLING CLEAR, FRESH, NONAERATED WATER FREE OF FOREIGN MATERIALS.

CHANGE IN EFFICIENCY

NO. OF STAGES	NO. OF POINTS
1	-2
2	0

WESTERN LAND ROLLER™

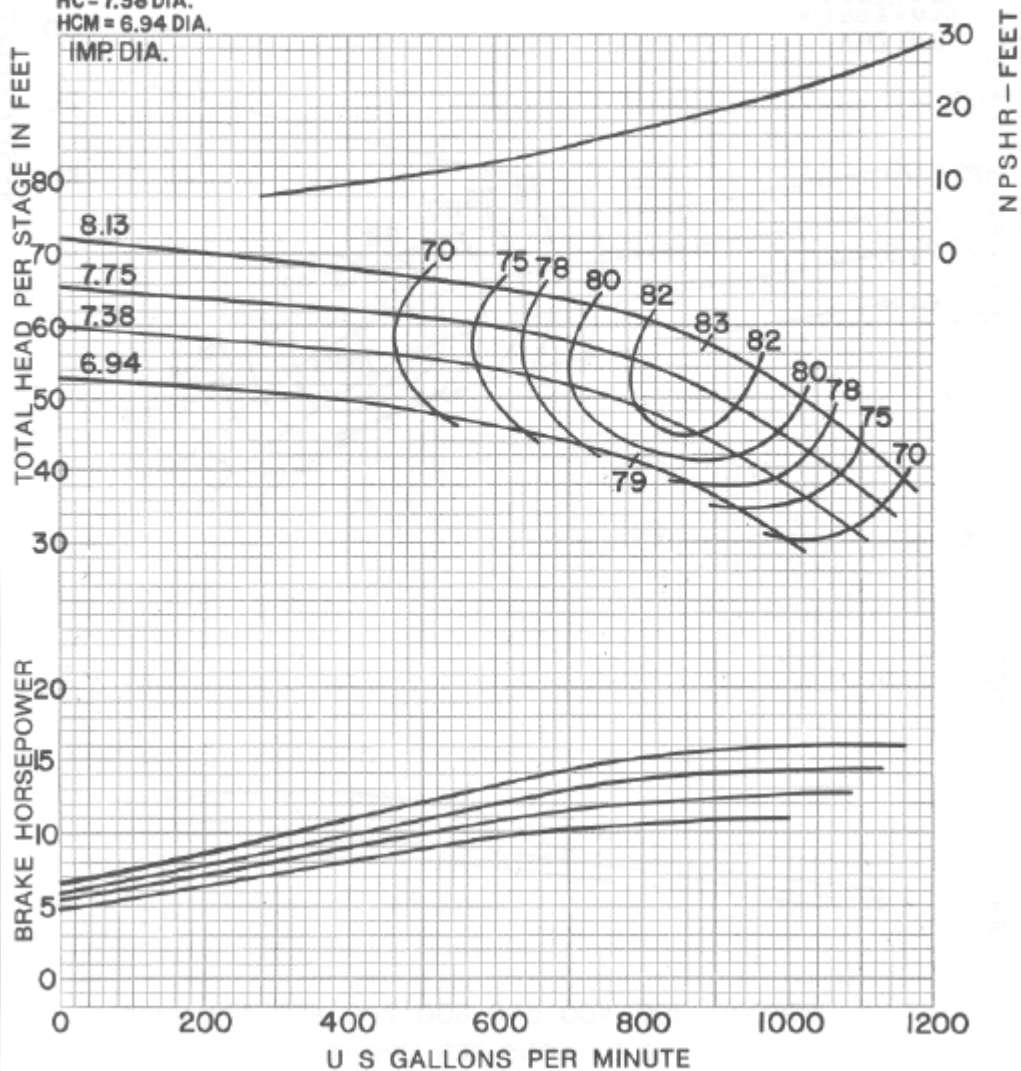
12 C BOWL

H IMPELLER

1760 R.P.M.

FOR LINED BOWLS, MULTIPLY HEAD AND EFFICIENCY BY 1.005

H = 8.13 DIA.
H/2C = 7.75 DIA.
HC = 7.38 DIA.
HCM = 6.94 DIA.
IMP. DIA.



SEMI-OPEN IMPELLER

THRUST FACTOR 12.5

CURVE NO. EC-1354

DATE 2-16-84