

SILVER LAKE WELL

J. ARMSTRONG CO. SURVEYOR

SEPT. 1913.



ELEV. TOP OF CASING 290.90



ELEV. WATER 214.15

END OF CASING

588.25

66.5

WATER

MICROFILMED
RAMSEY CO. ENGR.

Table showing amount of Water that can be pumped into the Lake for the Same Cost
 With pumps of differing Efficiency 25. foot. Lift.

Efficiency of Pump	Gallons per Minute	Gallons per 24. Hrs.
50%	1080	1155000
60%	1296	1865000
70%	1510	2170000

E.F.J. Plan and Bid

Max. draught on Well 27 ft.
 Est. " delivery of " 1350. Gal. per min.
 " lift of pump 34 ft.
 Power required 70% eff. 16.4 H.P.
 " Yearly delivery 708. Million Gals.

Cost of Plant

Well 2000.
 Pumping pl. 1784.
 Power for 1yr 2623.
 Total 6407.

Est. Cost per Year per Million Gal. \$9.05

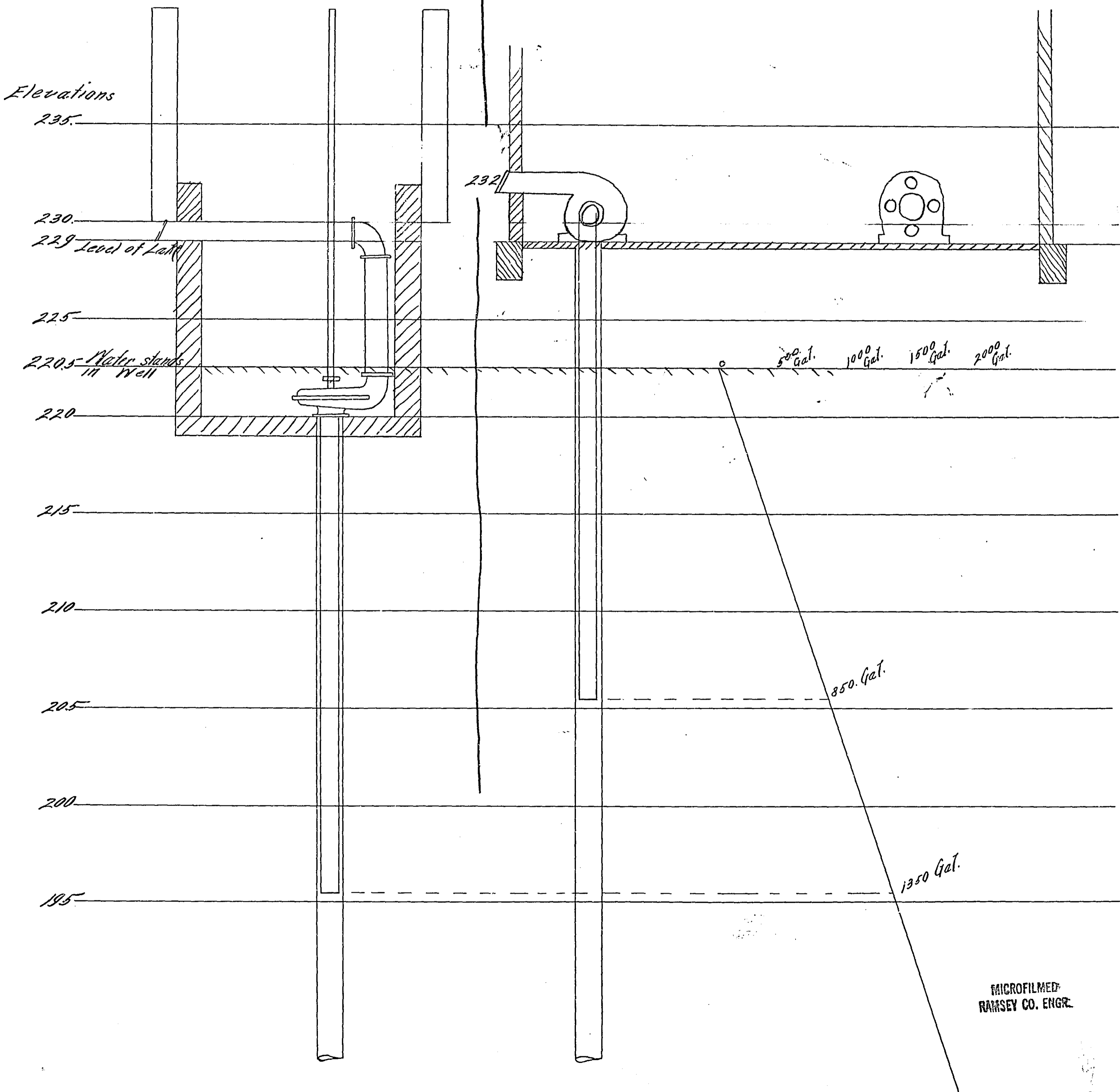
J.B.I. Plan #A Gorman's Bid

Max. draught on well 17 ft.
 Est. " delivery of " 850. Gallons per min.
 " lift of pump 26 1/2
 Power required 70% eff. 8. H.P.
 " Yearly delivery 4.45 Million Gallons

Cost of Plant

Well 2000⁰⁰
 Pumping plant 750⁰⁰
 Power for 1 year 276⁰⁰
 Total 5026⁰⁰

Est. Cost per year per Million Gallons \$11.30



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