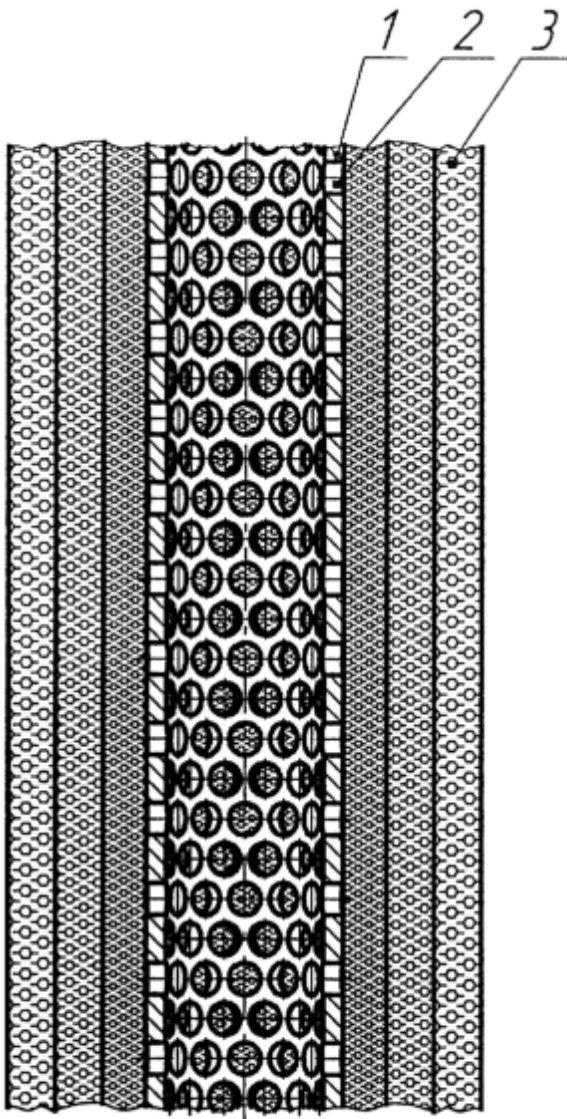


№2258131



FIELD: oil production industry, particularly devices preventing ingress of formation sand and propane with extractable formation fluid from bottomhole formation zone into well.

SUBSTANCE: well screen comprises perforated tube and filtering member with pore dimensions increasing in radial direction from outer screen surface to inner one. Filtering member is installed coaxially to perforated tube surface and made of foamed metal having three-dimensional cellular structure. Cellular structure includes many-sided cells with permeable faces so that solid sand filter of deposited particles may be formed inside foamed metal. Deposited particles are mechanically attached to randomly oriented ribs and faces of the cellular structure.

Фиг. 1

EFFECT: increased filtering performance.

2 dwg