

Nash Pumps for Marginal/Stripper Well Applications



The NASH Vectra XL can operate as both a Vacuum Pump and Compressor, increasing production in marginal/stripper oil and natural gas wells.

Vacuum Assisted Artificial Lift

Marginal/Stripper wells are wells that produce less than ten barrels of oil or 60,000 cubic feet of natural gas per day. In some applications, the flow of oil and natural gas is impeded by reduced pressure, water (liquid loading) or low pressure natural gas that blankets oil wells.

The NASH Vectra XL series of liquid ring pumps was designed to operate as both a vacuum pump and a compressor with a maximum pressure differential of 30 psig. This allows a negative pressure to be applied to the wells and can:

- assist in the production of low pressure natural gas
- remove low pressure gas to aid in the production of oil

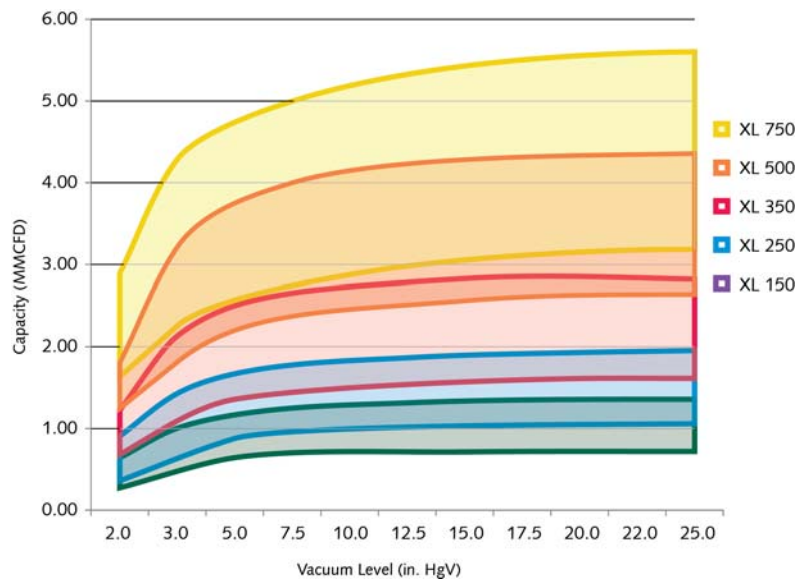
The discharge gas can be sent to a high pressure reciprocating compressor for pipeline transport.

The advantages of Nash liquid ring technology over mechanical vacuum devices (such as rotary screw and rotary vane) are:

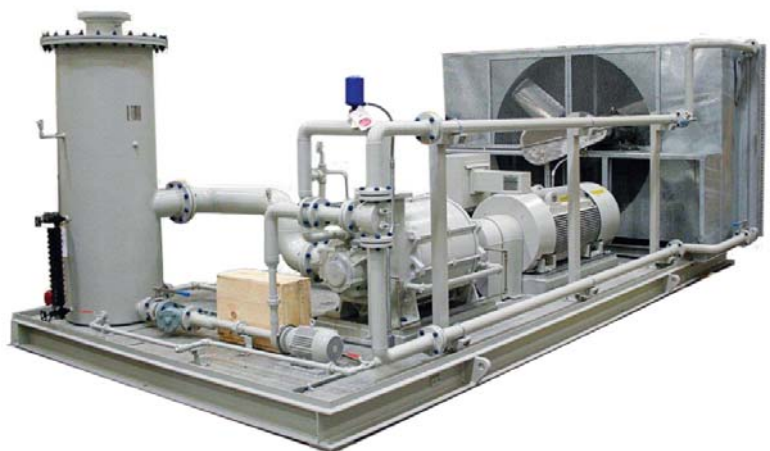
- the ability to handle liquid carover (slugs) without damaging the pump or affecting performance
- minimal maintenance requirements, increasing meantime between failures
- over 100 years of experience
- a long history of reliable operation

The Right Choice

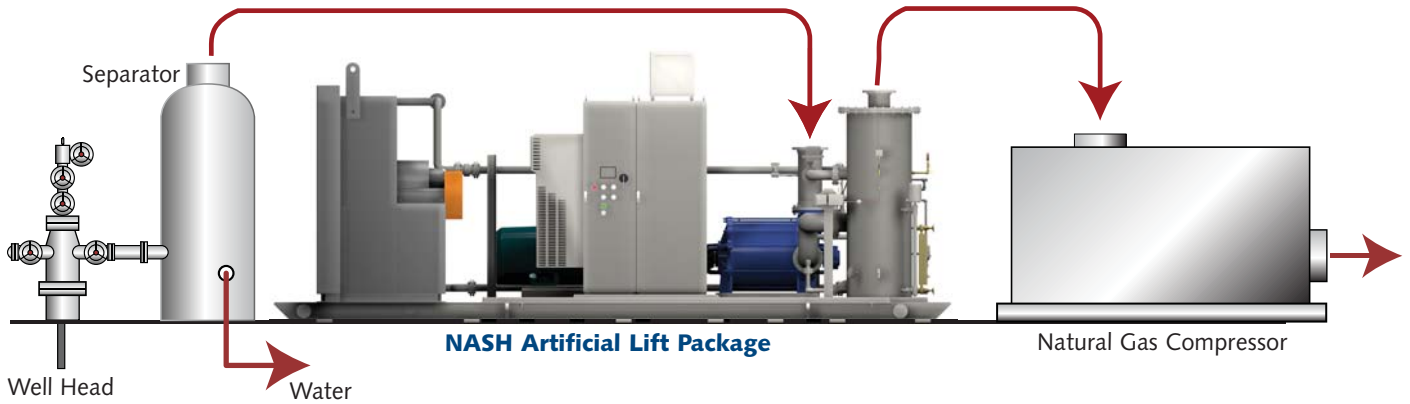
Whether electric motor or gas engine driven, oil or water sealed, stationary or trailer mounted, Nash can design the right package for your needs.



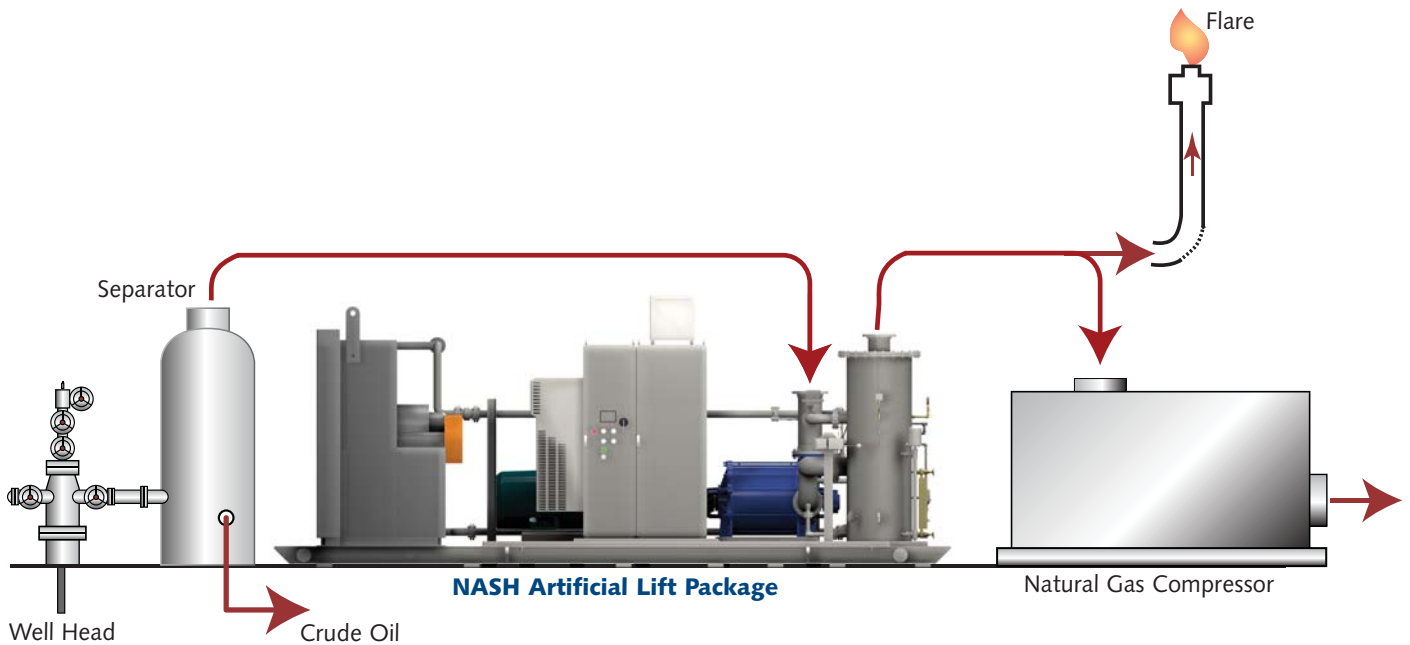
Air-Cooled, Artificial Lift Packages



Natural Gas Stripper Well



Oil Stripper Well



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