

PetroQuip's **Reservoir ShutOff Valve** is a flow actuated device that prevents fluid from flowing back into the formation when downhole flow is reversed. It is typically installed below an electric submersible pump (ESP) or artificial lift completion.

The **Reservoir ShutOff Valve** utilizes an industry standard safety valve flapper to create a fluid barrier and seal.

Advantages and Features

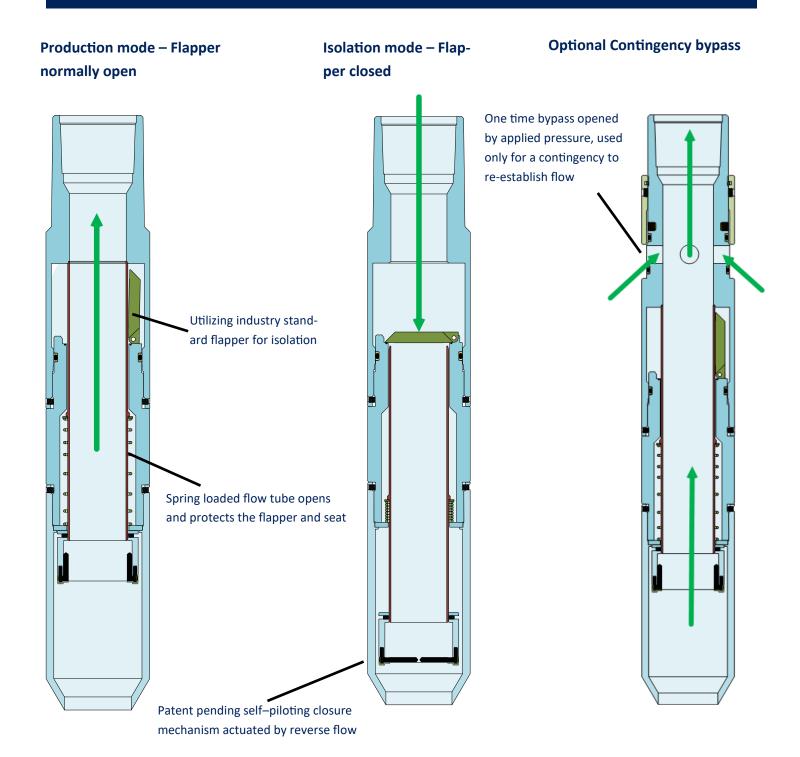
- Significantly reduces kill fluid volume/cost during workover operations
- Reduces rig time by maintaining static fluid level creating a down hole barrier
- Reduces potential reservoir damage due to fluid loss
- Less than 3 psi pressure drop at 2,000 BPD production
- Normally open with all sealing surfaces protected from flow
- Patent pending closing mechanism activated by reserve flow
- Contingency bypass available upon request

Applications

- · Can be installed in new or existing completions
- Installed above or below packer
- Utilized in a SAG-D well to retain heat in the lateral
- Does not hinder the use of a rupture disk for initial well suspension

Tubing Size(in)	Tool OD (in)	ID (in)	ToolOAL	Pressure	Temp Rating (°F)	
			(in)	Rating (psi)	STD	HT
2-3/8	3.63	1.900	30	5,000		
2-7/8	4.40	2.312	32			
2-110	4.65	2.312	32		350	600
3-1/2	5.20	2.750	36	10,000		
4-1/2	7.20	3.810	39			



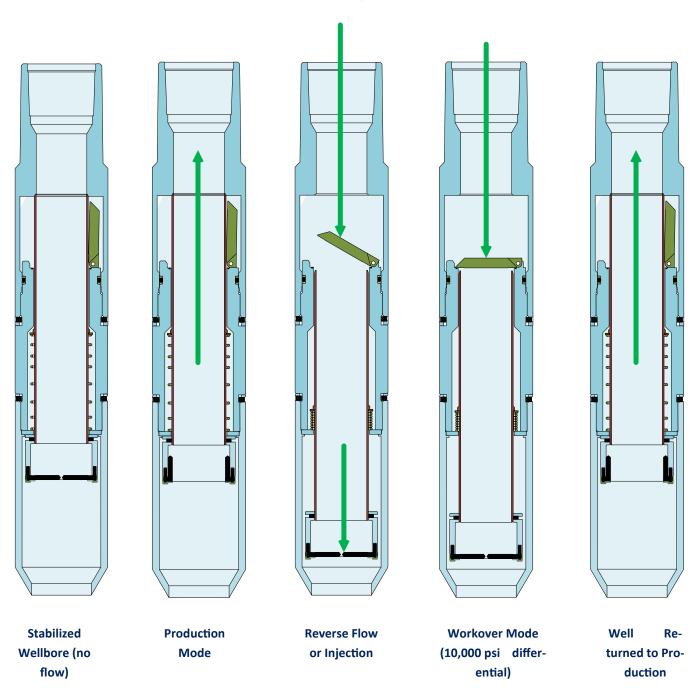


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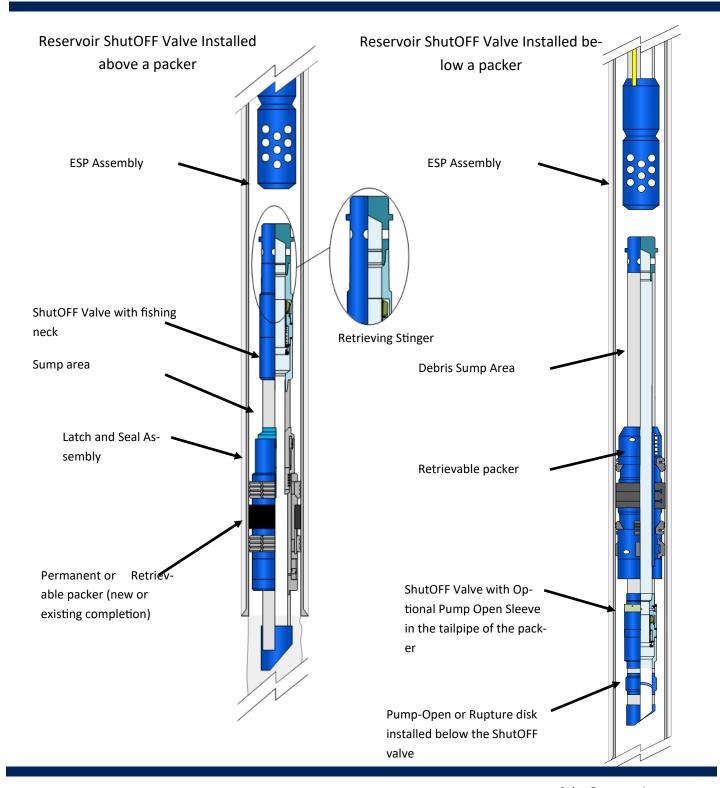
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Modes of Operation







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