

Compressor Replacement

Middle East - Onshore

Issue

- Capture low pressure gas being flared, using a Surface Jet Pump (SJP) which replaced 1st stage compressor

Solution

- High pressure gas from the 1st stage separator was used to power the Surface Jet Pump

Benefits

- Flare gas of 2 MMscfd gas at 1bara captured, and delivered at the suction pressure of 2nd stage compressor
- Used energy that was already available
- 1st stage compressor was removed from service. It simplified system operation & reduced maintenance costs
- Gas no longer burned to power this compressor



Existing
compressors

Installed SJP after
compressor removal

