



## 3750 HP, 1 Stage Reciprocating Compressor Package

COMPASS MODEL NO: CT3750-RAC4-1

<b>Application:</b>	Higher Pressure Sour Sales
<b>Customer Objective:</b>	Client's requirement for a high pressure sour sales gas compressor moving ~ 300 mmscf of product.
<b>Design Challenges:</b>	Space limitations on site required the installation for a single unit.
<b>Compass Solution:</b>	Compass looked at the conditions and proposed high efficiency pipeline cylinders with HE valve unloaders for turndown when required. The application was a good fit for the Caterpillar G3612A4.

### Major Equipment Specifications

**Compressor:**  
Ariel JGC/4

**Vessels and Towers:**  
Caterpillar 3612LE

**Air Cooler:**  
AXH Air-Coolers 132FF2

**Control Panel:**  
AXH Air-Coolers 132FF2  
Allan Bradley CompactLogix PLC

**Other Features:**  
No processing cooling required after compression, as the ratios were low and heat of compression produced was below the pipeline limitation.

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