



1480 HP Reciprocating Compressor Package (Custom Unit)

COMPASS MODEL NO: CT1480-RAT4-2

Application:	CO ² Injection
Location:	Riverton, Wyoming
Customer Objective:	CO ² injection for enhanced oil recovery
Compass Solution:	Compass focused on fabricating a modular package design with multiple units built together to minimize the requirement for construction in the field, while decreasing the amount of time for field installation.

Major Equipment Specifications

Compressor:

- Ariel JGT/4 four throw, two stage natural gas compressor.
- STAGE 1: (2) 7-1/4T10, 7.250" bore cylinders rated 2415 psig, c/w VVCP.
- STAGE 2: (2) 5-3/8T-DW, 5.000" bore cylinders rated 2515 psig c/w VVCP

Drive:

Caterpillar G3520 natural gas engine rated 1480 bhp @ 1200 rpm.

Air Cooler:

Air-X-Changers 132-2Z forced draft cooler assembly (ships loose)

Control Panel:

Allen-Bradley ControlLogix PLC based control panel c/w accessories

Other Features:

Full stainless steel weld package (vessels, piping, vales and instrumentation)

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