



Before



After

1478 HP, 3-Stage, Reciprocating Compressor Package (Retrofit)

Compass Model No: WK1478-RAK4-3

- Application:** Optimize compressor package from 4 stage to 3 stage
- Location:** Northern Alberta
- Objective:** Re-stage from 4 stage to 3 stage to maximize horsepower and increase production flow rates

- Project Scope:**
- Replace stage 1 cylinder
 - Replace stage 1 pulsation bottles
 - Remove stage 2 cylinder and guide supports and replace with balance guide
 - Change PSV on stage 1
 - Replace existing stage 3 scrubber with vane pack design
 - Modify process piping to accommodate stage change
 - Inspect engine and compressor

Major Equipment Specifications

Compressor:
Ariel JGK/4

Driver:
Waukesha L7042GSI

Air Cooler:
Air-X-Harsco 156EH

Control Panel:
MicroLogix 1400 PLC

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