

# HYDRAULIC CASING GAS

## NOVEL COMPRESSION ELEMENT

COST EFFECTIVELY **INCREASE PRODUCTION** WITH NO HASSLE



### KEY FEATURES

- ✓ Fit for purpose design for low volume casing gas applications
- ✓ Low capital, installation and operating cost
- ✓ Capable of processing liquids and slugs
- ✓ Maximum  $\Delta P$  up to 380 psi
- ✓ 100% turndown capability
- ✓ Independent of lift system
- ✓ NHSP (No Hassle Service Plan) & SkyView



- ▶ PROCESSES LIQUIDS
- ▶ WORKS WITH ANY LIFT SYSTEM
- ▶ NO PNEUMATIC VALVES OR VESSELS
- ▶ AUTOMATED CAPACITY CONTROL
- ▶ SKYVIEW REMOTE MONITORING
- ▶ SET & FORGET PLC CONTROL

### BENEFITS

- ✓ Decreases casing pressure at wellhead to increase production — cost effectively
- ✓ Reduces head and power requirements for downhole pumps
- ✓ Eliminates flaring from separator vessels at satellites
- ✓ Low capital and operating cost
- ✓ Very quick turnaround for repair and maintenance

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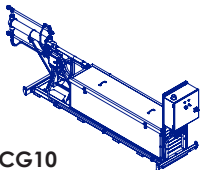
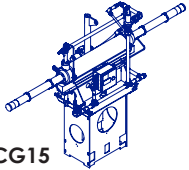
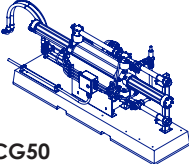


## APPLICATIONS

- ☑ Casing Gas Compression (Sweet & Sour Service)
- ☑ Tank Vapour Recovery
- ☑ Flaring / Venting Reduction
- ☑ Gas Recovery From Treaters/Separators
- ☑ Pressure Boosting
- ☑ Pigging / Pig Launching
- ☑ SAGD / CSS Production Optimization
- ☑ Compressor Seal Vapour Recovery
- ☑ Frac Flowback Gas Recovery

## TYPICAL PERFORMANCE

Refer to HCG Performance charts for your conditions

Model	Option	Casing Pressure psi / kPa	Line Pressure psi / kPa	Flow mscfd/e3m3
 HCG10	High Volume Pump	10 69	100 690	36 1.0
	High Pressure Pump	50 345	350 2415	28 0.8
 HCG15	Low Pressure Cylinder	30 210	175 1200	86 2.5
	High Pressure Cylinder	75 520	400 2760	109 3.1
 HCG50	Low Pressure Cylinder	30 210	175 1200	233 6.6
	High Pressure Cylinder	75 520	400 2760	271 7.7

## OPTIONS

- ☑ Hydraulic Heat Trace
- ☑ Inlet Particle Filter
- ☑ Electric or Gas Drive
- ☑ Skid or Trailer Mounted Units
- ☑ Flexible Rental Options

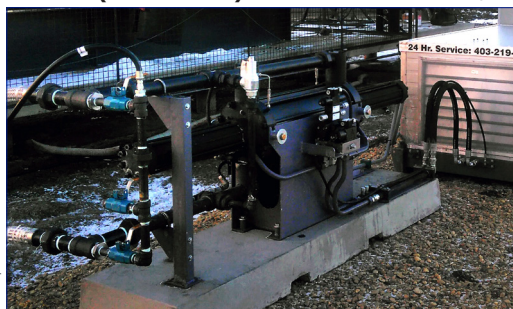


HCG15 with 613 cylinder

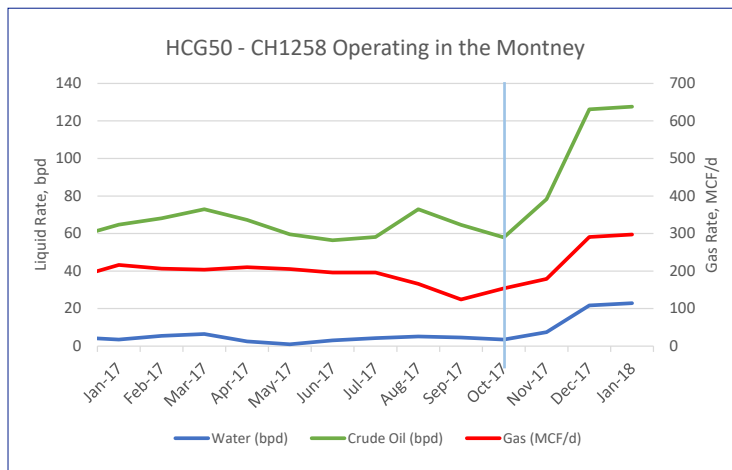
## CASE STUDY

### Production More Than Doubled After HCG Installation

Field: Worsley  
Formation: Montney A  
HCG: HCG50  
Oil Flow (No HCG): 58 bbl/d  
Oil Flow (with HCG50): 128 bbl/d



HCG50 with 1022 cylinder - CH1258



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