# Liquid Classification

**Alberta Energy Regulator**

Representative liquid/oil analysis

Sample should be free of contamination, obtained at representative production conditions

**Liquid density @15°C (kg/m³)**
- Condensate — <780
- Crude Oil — >800
- 780–800

**Viscosity abs @20°C (mPa·s)**
- Condensate — <1.5
- Crude Oil — >2.2
- 1.5–2.2

Go to hydrocarbon liquid composition, if available

**C30+ Mass Fraction (frac)**
- Condensate — <0.01
- Crude Oil — >0.03

No C30+ available or inconclusive results

AER may request additional clarification, samples, or studies

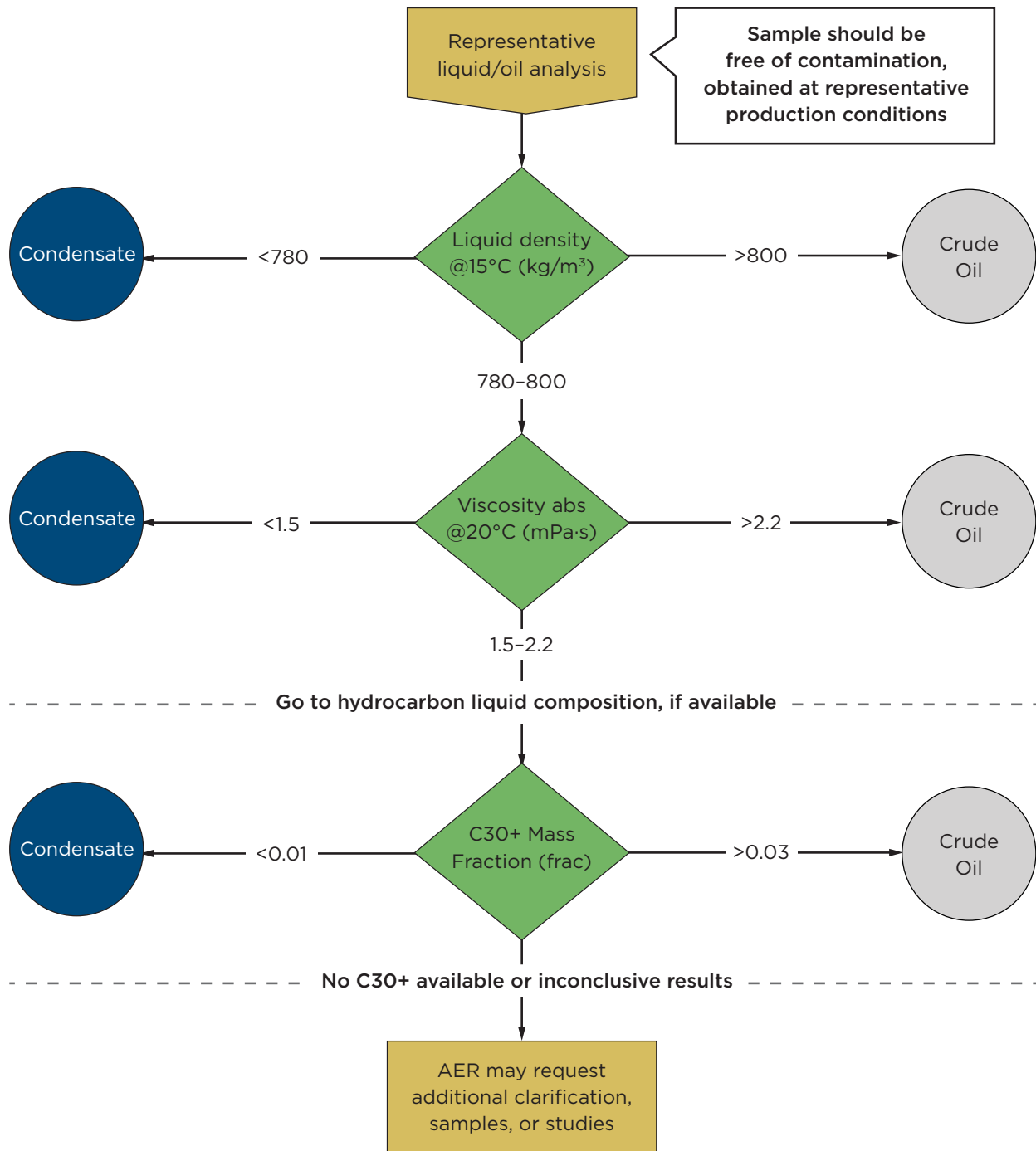## Liquid Analysis and Production

Liquids are interpreted independently of well production volumes from submitted representative liquid analyses. The properties of liquid are examined to determine the product associated with the submitted sample.

Well status is determined in subsequent steps once the sample that is representative of the reservoir liquid has been adequately classified and sufficient production data is obtained.