

# EXAMPLE B01

## Multiphase Oil & Gas Producer

1. **DESCRIPTION** -

Single survey in an oil gas well  
Identify the source of the gas and oil split  
GR, FBS, TEMP, GRADIO, CS

2. **EXAMPLE OBJECTIVES**

Perform a complete interpretation from LAS files through to interpreted report

3. **DATA FILES**

LAS files can be located with the EMERAUDE installation  
B01d1-B01d4  
B01u1-B01u4

4. **ADDITIONAL INFORMATION**

Oilfield units  
Vertical well  
Casing ID 6.184"  
Use Absolute roughness default for new steel  
Perfs  
8170 – 8220  
8350 – 8390  
8450 – 8480  
Set Top perfs as Markers A  
Set Bottom perfs as Markers B  
Qo = 2700bopd  
Qg = 4.5MMscfd

Gradio already corrected for deviation  
Flowmeter Blade size = 3"

PVT  
Rs = 1100cuft/bl  
Gas SG = 0.7  
Oil = 38API