

**Company: Shell Canada**  
**Location: 11-27-57-25W5**  
**Field: South Cecilia**

**Company Contact/Reference: Bryan Labrie 780-614-0445 – Shell Canada**

**Case History:**

- Originally the well was free flowing, 14.5 E<sup>3</sup>m<sup>3</sup> with condensate production from averaging 0.3 m<sup>3</sup>per day
- ProChem gathered a water sample from this well and tested our lineup of foamers
- Foamer injection started at 12 liters/day and was optimized to 3 liter/day

**Production Increase:**

- Foamer was started and gas production from 11-27-57-25W5 jumped from 14.5 E<sup>3</sup>m<sup>3</sup> to 21.4 E<sup>3</sup>m<sup>3</sup>
- Condensate production spiked at this location after the foamer was started and averages 0.7 – 1.2 m<sup>3</sup> per day

**Cost Analysis:**

3 liters per day of foamer @ approximately \$5 dollars per liter = \$15/day  
 Increase in condensate production = 0.5m<sup>3</sup>/day x \$629/m<sup>3</sup> = \$315/day  
 Increase in gas production = 6.9 E<sup>3</sup>m<sup>3</sup>/day x \$142.3/E<sup>3</sup>m<sup>3</sup> = \$980/day

