

Case Study 5

Issue

- Cased and Perforated wells with oil decline due to high water cuts
- Primary screen completions cannot control water

Retrofit

- Designed wells for optimal ICD sizes to choke water
- Completed ICD retrofit completions in 4 wells

End Result

- Average oil uplift of >3x over a 5-year period
- Renewed life on legacy wells
- Progressed to liner deployed ICDs on new wells

	Average Uplift of well				
	Year				
Well	1	2	3	4	5
1	9.3x	7.0x	5.9x	5.8x	5.1x
2	4.7x	3.3x	3.2x	2.6x	1.6x
3	1.6x	1.7x	1.4x	1.5x	1.5x
4	1.6x	1.2x	1.2x	1.2x	

