

# Thermatek<sup>®</sup> Conformance Service – Case History 2

## Challenge

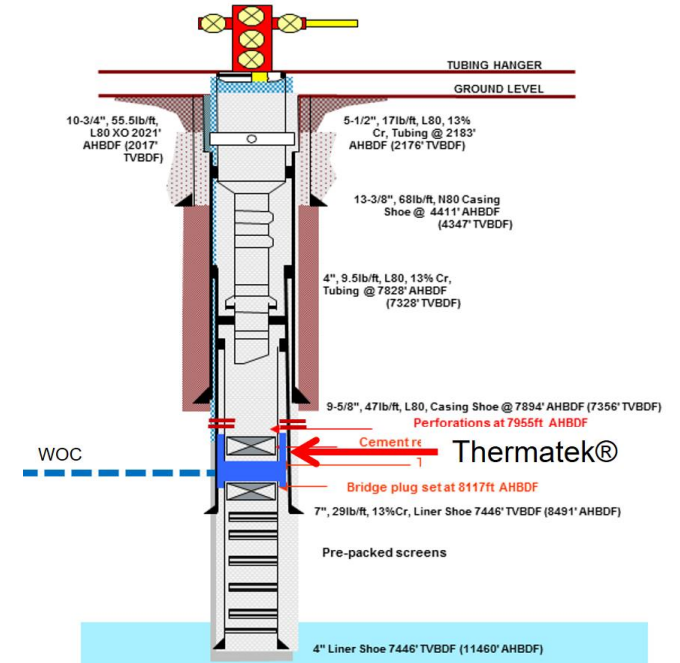
- Depleted sandstone oil reservoir – North Sea
- Horizontal completion with pre-pack screens
- BHT ~ 200°F
- Wellbore was eventually shut-in as the horizontal drain watered out, 100% WC

## Solution

- Identify current WOC
- Isolate production from pre-pack screens: Thermatek<sup>®</sup>
- Re-perforate above current WOC

## Results

- Watercut reduced by more than 90%
- The same process was successfully applied to 4 wells.



Well	Pre-intervention		Post-intervention	
	Oil Production (BOPD)	Water Cut (%)	Oil Production (BOPD)	(Water Cut) %
E	0	100	2000	<1
F	0	100	400	5
G	0	100	1500	<1
H	0	100	800	<1