



CASED HOLE LOGGING Channel Behind Pipe

APPLICATION

Production Log Survey
to Determine Water
Channeling Behind Pipe

TECHNOLOGY

.....Production Log Survey
..... Temperature Decay Analysis
..... Indepth Performance Monitoring

LOCATION

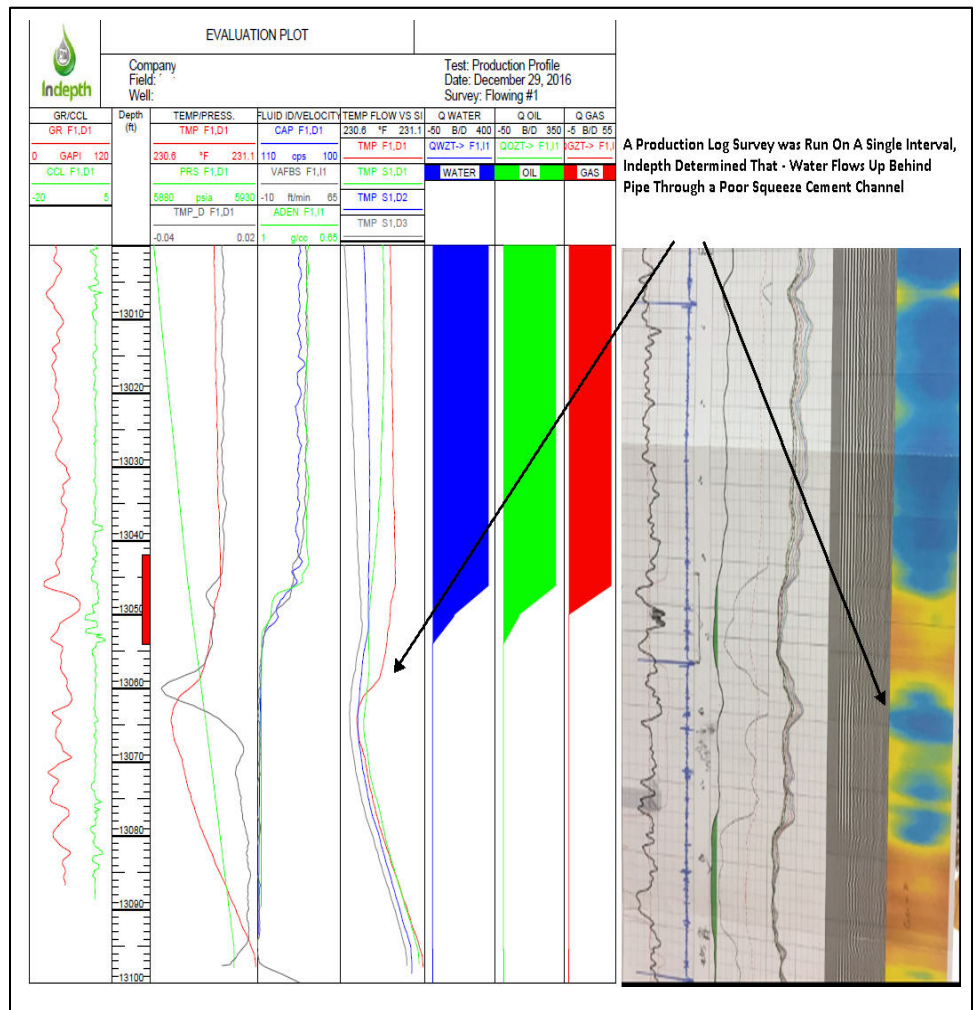
.....Louisiana, USA

CHALLENGE:

To identify the source of increased water production. In addition to determine the possibility of adding additional perforated interval to increase gas production. Previous logs on file indicated depth control issues, cement squeezed intervals and suspected channel behind pipe below perforated interval.

INDEPTH SOLUTION:

Ran a series of flowing and shut in passes to first evaluate the inflow and second to evaluate the possibility of water channeling from below. An Indepth Well Performance Monitor was ran in conjunction with the survey to confirm well flow stability.



CLIENT VALUE:

It was determined from the Indepth Production Log, that the lower interval was infact contributing to the increase in water production. The lower interval was then deemed not to be a potential gas producer and was selected for remediation instead, thus lowering future costs and increasing efficiency.

