

## **Senslytics eyes commercializing Contamination Forewarning after a successful trial through Shell GameChanger**

### *Intuition Technology in Oil Operation Proves Valuable*

ATLANTA ([PRWEB](#)) June 10, 2020 -- Senslytics has successfully delivered Contamination Forewarning Application to optimize Wireline Formation Testing (WFT) operation which plays a crucial role in production planning, operation contingencies and well evaluation. Contamination beyond accepted limits in collected sample can have disastrous production results and huge economic loss.

Senslytics uses Scientific Learning as opposed to Machine Learning in Intuition Technology framework and thus needs fewer data for Forewarning. The current application is capable to Forewarn the state of the fluid and recommend operations to the Field Engineers. Standard Machine Learning such as Deep Learning is unable to model the complexities of WFT operation, especially in situations that produce noisy data and confusing interpretations.

Shell GameChanger™ helped Senslytics prove its claims about its technology. Founded in 1996, GameChanger works with start-ups and businesses on unproven early-stage ideas with the potential to significantly impact the future of energy, providing them with seed funding, subject matter expertise, and industry connections to test the technical and commercial viability of their concept.

“I am really excited to see that Senslytics technology can change the game in Wireline Formation Testing by Forewarning fluid cleanup state from mud contamination,” says Jeroen Smith, the GameChanger project sponsor.

“This tool from Senslytics is going to be very valuable to the Field Engineers who are involved in Wireline Testing,” says Dr. Chengli Dong, a senior Shell wireline-logging expert. “It is also an important step forward in digitalization effort of deep-sea operation. We want to continue working with Senslytics in commercializing the Contamination Forewarning application and potentially exploring other use cases,” adds Hani Elshahawi, Digitalization Lead, Deepwater Technology, also of Shell.

“Now that we have proved the value of Intuition Technology in Oil operations, we are moving onto more complex Use Cases like Flow Assurance Forewarning,” says Dr. Rabi Chakraborty, Founding President of Senslytics Corporation.

“Shell has given us a foothold inside the O&G market from where we can expand into more complex Forewarning challenges,” seconds Anupam Awasthi, Chairman of Senslytics Board.



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