

Lunch & Learn



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Enhanced Oil
Recovery Institute



April 18th, 2019

Featuring Morteza Dejam & Saheed Olawale Olayiwola

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& Applied Science, University of Wyoming*

Fluid-Clay Compatibility Tests for Wyoming Oil Reservoirs

Join us from:
**11:30am-1pm on
Thursday, April 18th**

Lunch & refreshments
provided by EORI

**Bighorn Mountain Conference Room (#113)
Wyoming Technology Business Center (WBTC)
2435 King Boulevard, Casper, WY**

*(Note: This building is home to EORI & is just west
of the WY Oil & Gas Conservation Commission Building)*

Incompatibility between fluid (especially water) and clay can create significant reactions that may damage the reservoir permeability permanently due to the clay swelling. In order to avoid this issue, the fluid-clay compatibility test is conducted before the fluid injection into the reservoir. This test is in fact a series of tests performed to check that no undesirable reactions occur when a certain fluid is in contact with (or flows through) a core sample of the reservoir rock (including clay minerals). It is true that the fluid-clay compatibility test is very old; however, it still remains as a highly controversial topic in both academia and industry. Therefore, a project is defined here in order to experimentally address the compatibility between different fluids and a core sample of a specific oil reservoir in the state of Wyoming. It is worth mentioning that the outcomes of this study can significantly impact the decisions making with regards to large scale implementation of waterflooding in Wyoming oil reservoirs.

Register online:

eoriwyoming.org/events/eori-lunch-learn

Questions? Contact Lon Whitman at 307-315-6450

There is no charge for this event. Registration is required as space is limited.