

Turner Valley, Applying Modern Technology to a 100 Year Old Oil Field

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Abstract

On its 100th anniversary, Turner Valley continues to be an active oil and gas field, and hub of activity. Modern evaluation, drilling, completion and production techniques have pushed the Turner Valley field to its highest production rate in over 50 years.

Legacy Oil and Gas Inc. is drilling multi-lateral wells targeting three different reservoir zones within the Turner Valley Formation. A new 3D seismic shot in 2013 and logging while drilling (LWD) tools have allowed for longer horizontal drilling runs in the highest quality reservoir, leading to improved production results and increased capital efficiencies.

Modern Analysis of the complicated 100 year old field has breathed new life into this important piece of Canadian Oil and Gas history.