

Oil Plays Away from the Subcrop Edge in the Williston Basin of Southeast Saskatchewan

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Summary

The Subcrop Edge Play has reached maturity in the Mississippian of southeast Saskatchewan. We have reached the point of enhanced oil recovery in many of these pools. This core display looks at a combined stratigraphic/structural oil play away from the subcrop edge. The key trapping features include a facies change combined with a structural rollover. The stratigraphic component is a facies change from carbonates to evaporates; the structural rollover is created by post-Mississippian dissolution of the Devonian Prairie Evaporite section. A computer generated structure map will aid in outlining the prospective exploration targets including those in the U.S. portion of the basin.