



CNRL Heavy Oil SCVF/GM Prevention

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Summary

A discussion of CNRL's current primary cementing practices and the positive effect they have had on preventing SCVF and GM in the heavy oil area.

Introduction

CNRL drills a large number of wells within the gas migration problem area each year. Various work has been done over the years to decrease the number of SCVF/GM issues within this area. We have experimented with cement blends, tried external casing packers and currently we are using a slow rate cementing technique on the primary cement job. This presentation will explain, in detail, this technique.

Theory and/or Method

Field trial and error

Conclusions

By using the slow rate cementing technique we have decreased the number of SCVF/GM issues we see on new drills.