



WBM SUCCESSFUL APPLICATION TO DRILL AN **EXPLORATORY HP/HT WELL GAS RESERVOIR**

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ENBRIDGE



HOST PARTNERS





OPERATIONAL SCENARIO & CHALLENGES

Scenario

- Exploratory well
- Gas reservoir
- 6 in bit diameter
- TD 14,760 ft
- WBM
- 361 °F
- 17.2 ppg
- Acid gases

Challenges

- Operational uncertainties
- Risk of influxs
- Product degradation
- HPHT filtration
- HPHT rheology
- Corrosion control



DEVELOPMENT

Planning

Exhaustive lab tests

Bottom hole conditions

Contamintation tests

Engineering simulations

Execution

Operational procedures

Mud properties control

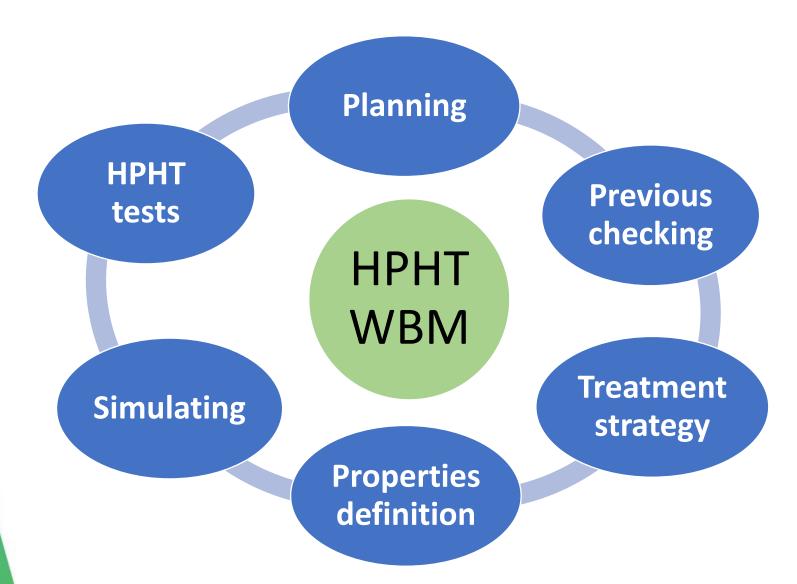
Specific mud tests

Preventive treaments





CONCLUSIONS & RECOMENDATIONS



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