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Interpreted Drill Cuttings Description

200/c-071-A / 094-O-09/00

Formation:

Sample Quality: Fair - v finely ground

Well Name: APACHE MISSILE
Status/RR: POTENTIAL WELL/ 2003
TD Depth/Fmn: 2420m / Dchinch
Examined: JUN-2009
JC Consulting Inc.
J Clow, P Geol
403 651-7890
File No: 2009-024

BLUESKY
GETHING
UPPER RUNDLE
MIDDLE RUNDLE 2
LOWER RUNDLE

The Cretaceous sandstone (formation on ticket) consists of a very fine to fine grained sandstone that is kaolinitic and has no visible porosity.

The underlying upper Mississippian carbonates consist of a thick, approximately 15m, weathered chert interval. This silcified LS has up to 6% dissolution porosity with common patchy dark brown oil stain with an estimated 0.5 to possible 1-2 mD, higher?

A second thin weathered zone at the depth of 586m consists of common dissolution porosity up to 6% (+?) and 1-5 mD and possibly greater.

A porous LS interval exists at the depth of 625m and consists of very fine to medium crystalline LS that has an estimated 2-5% intercrystalline porosity and 0.1-0.5 to pos 1 md permeability.



