

#40

Interpreted Drill Cuttings Description

200/a-097-I-094-O-09/00

Formation:

UPPER RUNDLE
MIDDLE RUNDLE 2
MIDDLE RUNDLE 1

Sample Quality: FAIR, very fine cuttings making por/permeability difficult to ascertain accurately.

Well Name: APACHE ET AL OOTLA
Status/RR: ABD GAS / 2003
TD Depth/Fmn: 2545 TVD / KEG R
Examined: JUL-2009
JC Consulting Inc.
J Clow, P Geol
403 651-7890
File No: 2009-033

Sampling begins well in to the Upper Mississippian carbonates and below the casing shoe. At this depth, 295m, the carbonates consist of a crystalline and possibly vuggy, oil stained dolomite with estimated porosity in the 3-6% and most likely 6-9% range with permeability estimated in the 0/1-0.5 to possibly 1-10+ range, possibly several hundred mD. The dolomite becomes increasingly cherty with depth.

No fracture indicators were observed.
No tests were performed over the Mississippian carbonates.



