

Interpreted Drill Cuttings Description

200/b-096-E / 094-O-10/00

Formation

**MATTSON
GOLATA
DEBOLT**

Sample Cutting Quality: GOOD

Well Name: CREW ET AL TATTOO
Status/RR/TD: SUSP MATTSON GAS WELL / 2663 ft
Examined: SEP / 2009
JC Consulting Inc
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403 651-7890
File No. 2009-045

The Mattson sandstone is a very fine to fine grained sandstone with varying secondary cementation and quartz overgrowths. Generally, the very thick Mattson has very good grain relief and visible porosity in the 3-6 and commonly 6-12% range with permeability in the 0.1-0.5 mD to commonly 1-5 and 50+ mD ranges. The entire sand interval has a very weak light brown oil stain with no fluorescence and very weak yellow blooming solvent cut.

A long DSI interval resulted in OTG at the rate of 500 inches.

