

#18

Interpreted Drill Cuttings Description

200/a-045-G / 094-O-08/00

Formation:

Sample Quality: Fair to good, finely ground.

Well Name: DEVON ARL KOMIE  
Status/RR: N/A / N/A  
TD Depth/Fmn: N/A  
Examined: AUG-2009  
JC Consulting Inc.  
J Clow, P Geol  
403 651-7890  
File No: 2009-040

DEBOLT  
UPPER RUNDLE  
MIDDLE RUNDLE 2

The upper Mississippian carbonates consist of an upper porous dolomitic interval with good good intercrystalline and vuggy porosity with common sucrosic texture. Porosity is in the 3-6 and 9% range with 0.1-0.5 to common 1-5 and 50+ mD permeability.

No tests were reported.  
No fracture evidence was observed.

Depth (m)	Grain					Size	Lithology	Porosity Total Poros (%)	Porosity Type Oil Shows	Perm (mD) Visually Estimated Perm				Geological Descriptions
	Congl	v. crs	crs	med	fine									
560								20 Estimated Porosity		0.01	0.1	10	100	
565							BIT LCM							SH: blk, bituminous, blkly-fis.
570							BIT LCM							LCM: abundant sawdust.
575							Weathered sfc MX FX DRUSE MX FX SUC			0.1-0.5 to 1-5 & pos 50+ mD				DEBOLT DOL: micro-xf xln, tr ctgs with tr pin point vuggy por & micro qtz druse, WEATHERED sfc, tr ctgs vf xln with dk brn OIL stain, 1-3% to com 4-8%, 0.05-0.5 to pos 1-5 md.
580							FX SUC LCM	3-6 to pos 9%						DOL: micro-vf xln, dk brn wi OIL stain, good intxln por, com vuggy por with drusy DOL lining, tr-com sucrosic texture, 3-6 to pos 9%, 0.1-0.5 to 1-5 & pos 50+ mD.
585							FX LCM	3-6%		0.05-0.5 to com 1-5 to pos 10+ mD				
590							MX MX	1-2%						DOL: micro xln, lt gy, sl arg, sl slty, 1-2% por, <0.02 md.
595							MX	1-2%						
600							MX MS	1%						LS: micro xln, sl arg, bit, v p intxln por.
605								20 Estimated Porosity		0.01	0.1	10	100	SH, arg/bit LS, earthy-microxln.
610								1%						LS: earthy-micro xln, sl arg, com crinoids, MDST.
615							FX MX DRUSE FX	3-6 to com 9%		0.05-0.5 to pos 1-10 mD				DOL: crypto-micro xln, com vf-med xln, tr-patchy vuggy por with drusy dol lining with com OIL staining,
620							FX	1-3 to pos 6%		0.05-0.5 to pos 1-5 md				DOL: vf-med xln, off wh, clean, 1-3 to pos 6% por, 0.05-0.5 to pos 1-5 md.
625														DOL: f-med xln, clean, patchy arg/bit, com SUCROSIC textue and vugs with DRUSY dol lining,
630							C							LS: lt gy chalky, sl arg, tr bit.
635							FX C	1-3 to		0.1-0.5 to strky 1-3				DOL: vf-med xln, lt brn, tr arg mat, tr porous earthy, com cryptoxln 1% to com 1-3 to pos 6% <0.02 to com 0.1-0.

