

#22

Formation:

DEBOLT

Interpreted Drill Cuttings Description

Sample Quality:

NOTE: Logs not available above 665m, top of Debolt estimated from adjacent wells, stratigraphy thickness and placement is estimated based on samples only. Gamma log only.

200/b-100-G / 094-O-8/00

d-89-G/94-O-08/00

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

The upper Debolt consists of a dense Limestone which overlays a thick very porous and permeable dolomite with porosity in the 6-10% range and 1-10 and as high as 50+ mD. The upper interval indicates the presence of oil.

No testing data available.
No observed fracture evidence.

Depth (m)	Grain	Size	Lithology	Porosity Total Poros (%)	Porosity Type Oil Shows	Perm (mD) Visually Estimated Perm	Geological Descriptions
575				20 Estimated Porosity		0.01 0.1 1 10 100	NO LOGS AVAILABLE ABOVE 665m.
585							SH: blk, bituminous, blkly, fissile.
590							
595							SH: blk, bituminous, blkly, fissile.
600				20 Estimated Porosity		0.01 0.1 1 10 100	
605				3-6%	X	1-2 to pos 3-6%, 1-5 to pos 10+ mD	CONGL: abund varicol chert pebble (?) fragments, 1-2 to pos 3-6%, 1-5 to pos 10+ mD. DEBOLT ?
610				1-3%		<0.1 mD	LS: micro-f xln, lt-med brn, com off wh chalky, com interxln arg mat, 1-3% intxln por, <0.1 md.
615				1-3%		<0.05 mD	LS: vf-f xln, com-abund arg mat, 2-4%, 0.02-0.05 md.
620				1-2%		<0.02 mD	LS: micro xln, earthy- arg-bituminous, 1-2%, <0.02 mD
625							LS: micro xln, tr-com siliceous LS with visible crinoids, bioclastic debris, 1-2%, <0.02 md.
630				1-2%		<0.03 md	LS: crypto-micro xln, tr-com crinoidal, sl arg, crinoidal mudst-wackest, <0.03 mD.
635							
640				6-9%	X	0.1-0.5 to pos 1-5+ mD	DOL: micro-vf xln, com earthy, dk brn OIL stained, tr-com arg mat, com V GOOD INTXLN POR, com pin pint VUGGY porosity, 3-6 to com 6-9%, 0.1-0.5 to pos 1-5+ mD.
645				1-2%		<0.02 md	DOL: crypto-f xln, brn, sl arg, p intxln por, 1-2%, <0.02 md.
650				3-6% & pos 6-9% Porosity	X	1-5 to pos 1-5-50 mD	DOL: micro-med xln, com SUCROSIC texture, tr arg mat, med-dk brn wi OIL stain with fnt golden yel flor and instant fast streaming yel-wh solvent cut, fair to excellent intxln & com pin point and possible larger vuggular porosity, 3-6% & pos 6-9% por, 1-5 to pos 5-50 mD.
655						0.01 0.1 1 10 100	DOL: med-dk brn, com vf xln, com ANHYDRITE, com

