

#44

Interpreted Drill Cuttings Description

200/d-013-L / 094-O-09/00

Formation:

Sample Quality: Fair to Good

Well Name: ESSO BCRIC STANISLAS
Status/RR: Drld & Abd / 1979
TD Depth/Fmn: N/A
Examined: SEP-2009

DEBOLT

JC Consulting Inc.
J Clow, P Geol
403 651-7890
2009-045

File No:

The Debolt at this location consist of earthy to vf-f crystalline limestone - no dolomitization was observed. Porosity and permeability is very poor.

No DST or other testing within the Debolt.
No fracture evidence was observed.

Depth (m)	Grain				Size	Lithology	Porosity		Porosity Type Oil Shows	Perm (mD)		Geological Descriptions		
	Congl	v. crs	crs	med			Total Poros (%)	Visually Estimated Perm		Conduct				
565							20	Estimated Porosity		0.01	0.1	10	100	DEBOLT LS: crypto-micro xln, sl arg, intermixed with arg, glauconitic SS and COAL, com crinoids, reworked - higher energy near shore/shoreline environment, NO VIS POR observed, 1-3%, <0.02 md. LS: micro xln -earthy with com solitary septate corals and crinoids, rare possible bryzoa, 1-2%, <0.02 md. LS: argillaceous micro xln. LS: micro-vf xln, very bioclastic, crinoidal, pelecypod (' shell frags, 2-3% por, <0.03 mD LS: crypto-micro xln, dk gy blk, tr shell fragments, arg, LS: micro-vf xln, v bioclastic, crinoids, tr corals, favositid corals, shell frags, tr bit, tr pyrite, com carbonaceous SH. LS: micro-vf xln, com earthy texture, tr-com crinoids, tr dk CHT - silicified bioclastic, 1-2% por, <0.02 md. LS: micro-vf xln, earthy brn, sl arg, slty, LS: micro-vf xln, earthy brn, sl arg, slty,
570								SHORLINE ENVIRONMENT						
575						GLAUC COAL MX CRIN ARG SS SLT FINE SAND CRIN CORAL FRAG TR PYR BIT SH	1-3%					<0.02 md		
580						MX CRIN CORAL FRAG TR PYR BIT SH	1-2%						<0.02 md	
585							1-2%						<0.02 md	
590							2-3%						<0.03 md	
595							1%						0.01 mD	
600							1-2%						<0.02 md	
605							1-2%						<0.02 md	
610							1-2%						<0.02 md	
615														
620							1-2 to strky 3-5%						<0.02 TO STRKY 0.1-0.5 to pos 1-2 md ?	
625														