

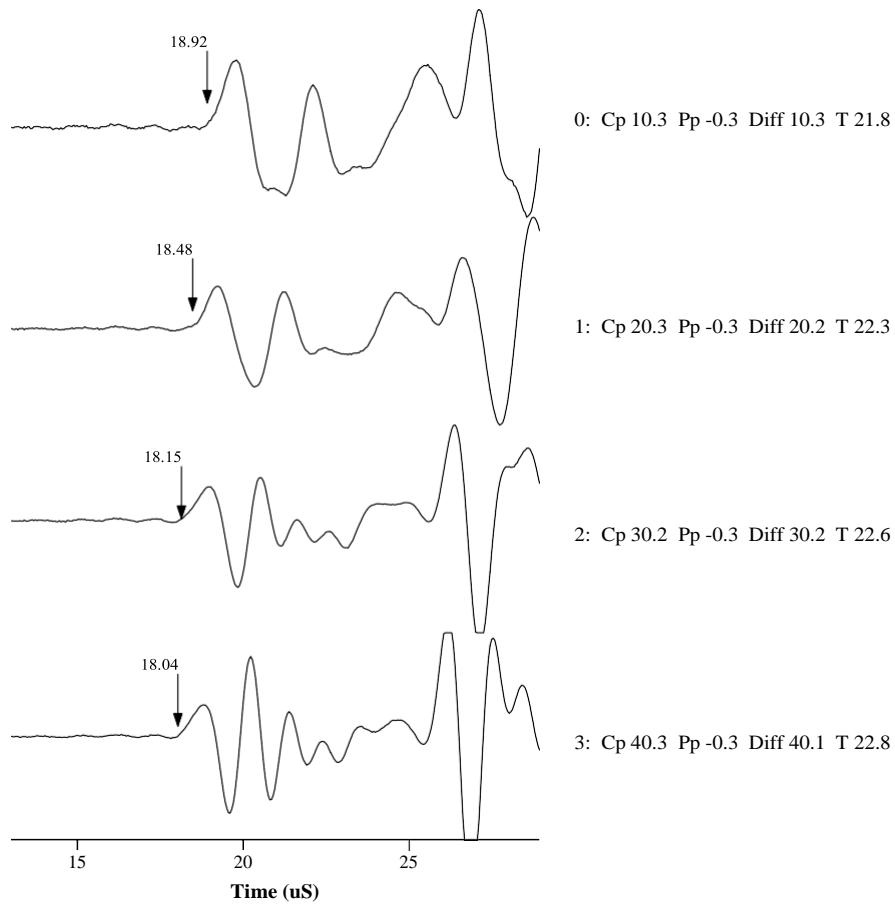
Ultrasonic Velocity Measurement Report

Sample and Experiment Information			
Well:	JROC	Organization:	UND/EERC
Depth:	9468 ft	Transducer:	Vel_1in_new
Formation:	DW/C-Carbonate	Rock type:	Dolo-limestone
Dry bulk density:	2.634 g/cm ³	Porosity:	3.08%
Sat. bulk density:		Pore fluids:	
Diameter:	25.40 mm	Entered Length:	44.80 mm

Expt name: Ultrasonic Velocity Measurement at Different Confining Pressures

Observed Velocities and Moduli for DW/C-Carbonate Sample							
Event	Conf	Diff	V_p	$V_s^{(1)}$	$V_s^{(2)}$	Young's Modulus	Poisson's Ratio
	MPa	MPa	m/s	m/s	m/s	GPa	
1	10.3	-	4306	2472	2494	40.63	0.251
2	20.3	-	4496	2510	2542	42.67	0.269
3	30.2	-	4654	2590	2590	45.08	0.276
4	40.2	-	4705	2613	2622	46.05	0.276

Waveform waterfall for p arrivals	
Well:	
Depth:	9468 ft
File name:	DW/C-Carbonate

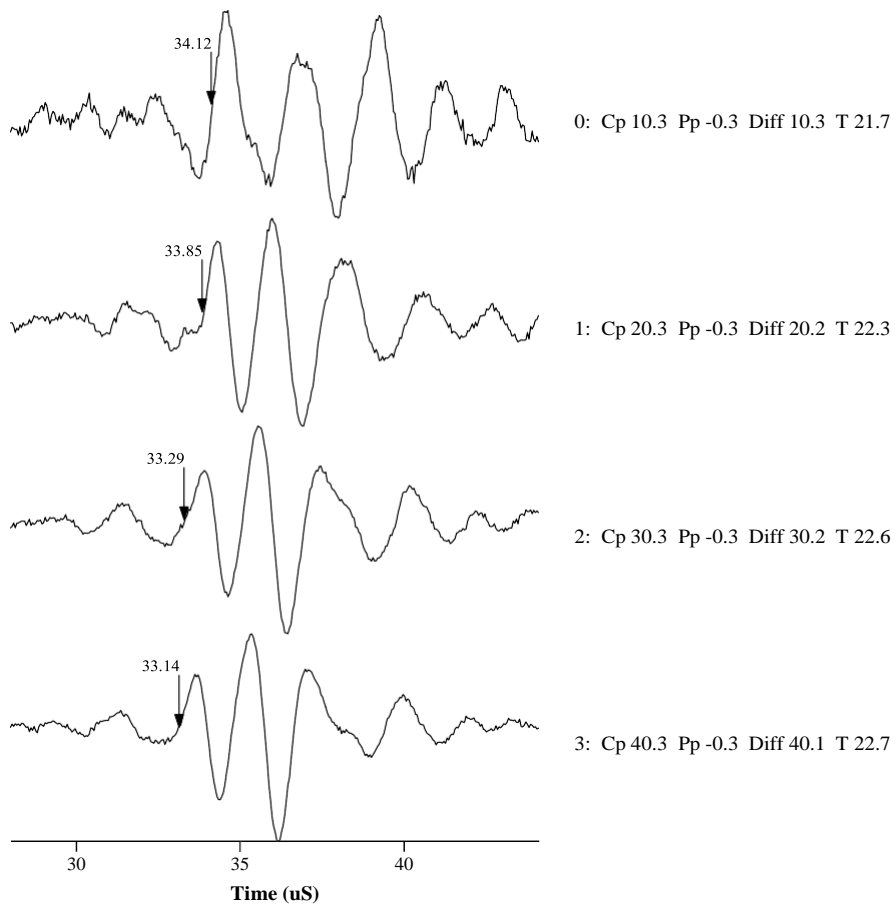


Waveform waterfall for **s1** arrivals

Well:

Depth: 9468 ft

File name: DW/C-Carbonate



Waveform waterfall for **s2** arrivals

Well:

Depth: 9468 ft

File name: DW/C-Carbonate

