

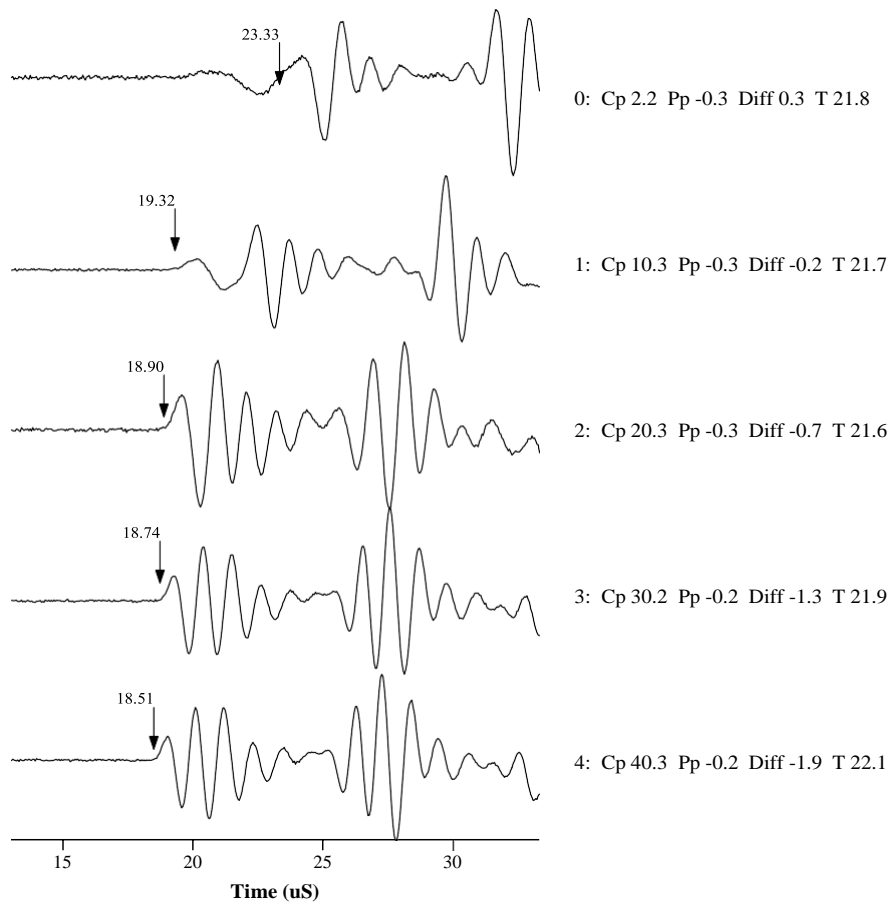
Ultrasonic Velocity Measurement Report

Sample and Experiment Information			
Well:	JROC	Organization:	UND/EERC
Depth:	4983 ft	Transducer:	Vel_1in_new
Formation:	Amsden	Rock type:	Dolomitic-sandstone
Dry bulk density:	2.650 g/cm ³	Porosity:	6.49%
Sat. bulk density:		Pore fluids:	
Diameter:	25.40 mm	Entered Length:	54.80 mm

Expt name: Ultrasonic Velocity Measurement at Different Confining Pressures

Observed Velocities and Moduli for Amsden 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	
0	2.2	-	3718	2913	2945	31.01	-0.318
1	10.3	-	5114	3097	3136	62.01	0.205
2	20.3	-	5327	3264	3280	67.92	0.197
3	30.2	-	5406	3314	3336	70.07	0.196
4	40.2	-	5537	3373	3392	72.91	0.202

Waveform waterfall for p arrivals	
Well:	
Depth:	4983 ft
File name:	Amsden

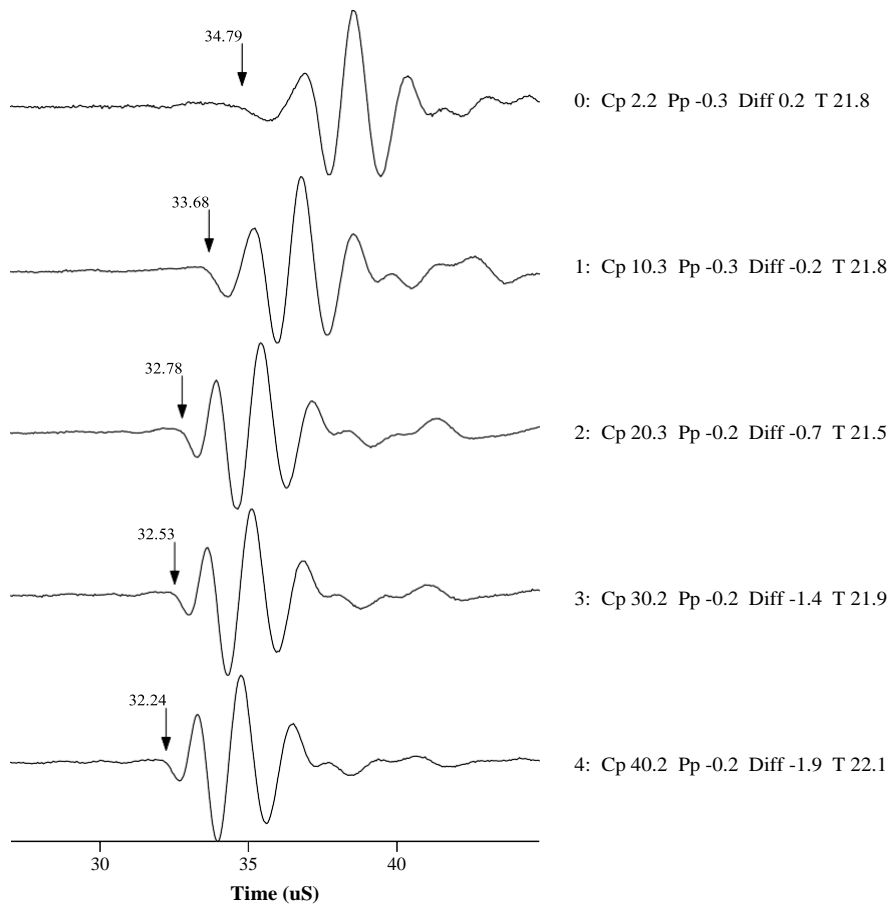


Waveform waterfall for s1 arrivals

Well:

Depth: 4983 ft

File name: Amsden



Waveform waterfall for s2 arrivals

Well:

Depth: 4983 ft

File name: Amsden

