

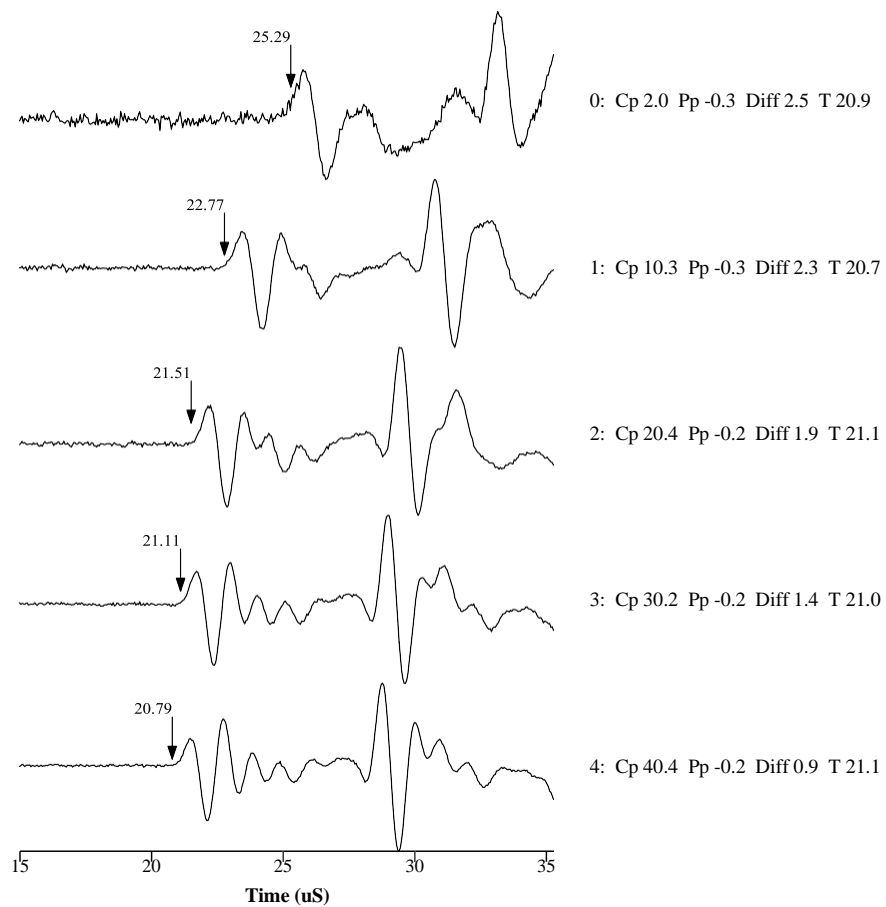
Ultrasonic Velocity Measurement Report

Sample and Experiment Information			
Well:	JROC	Organization:	UND/EERC
Depth:	4692 ft	Transducer:	Vel_1in_new
Formation:	Opeche	Rock type:	Sandy-shale with
Dry bulk density:	2.605 g/cm ³		presence of anhydrite
Sat. bulk density:		Porosity:	5.88%
Diameter:	25.40 mm	Pore fluids:	
		Entered Length:	53.00 mm

Expt name: Ultrasonic Velocity Measurement at Different Confining Pressures

Observed Velocities and Moduli for Opeche 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	2.0	-	3159	2190	2217	25.96	0.026
1	10.3	-	3718	2412	2425	34.53	0.133
2	20.4	-	4079	2534	2547	39.78	0.183
3	30.2	-	4209	2591	2604	41.92	0.192
4	40.4	-	4318	2616	2632	43.31	0.207

Waveform waterfall for p arrivals	
Well:	
Depth:	4692 ft
File name:	Opeche

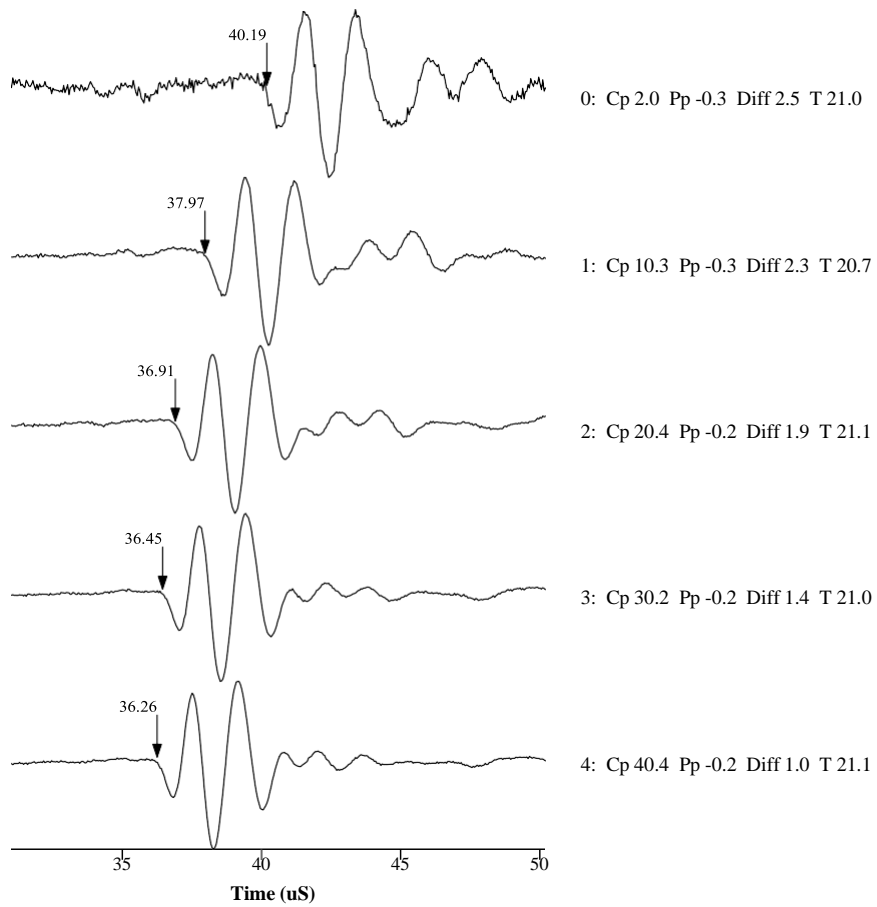


Waveform waterfall for s1 arrivals

Well:

Depth: 4692 ft

File name: Opeche



Waveform waterfall for s2 arrivals

Well:

Depth: 4692 ft

File name: Opeche

