

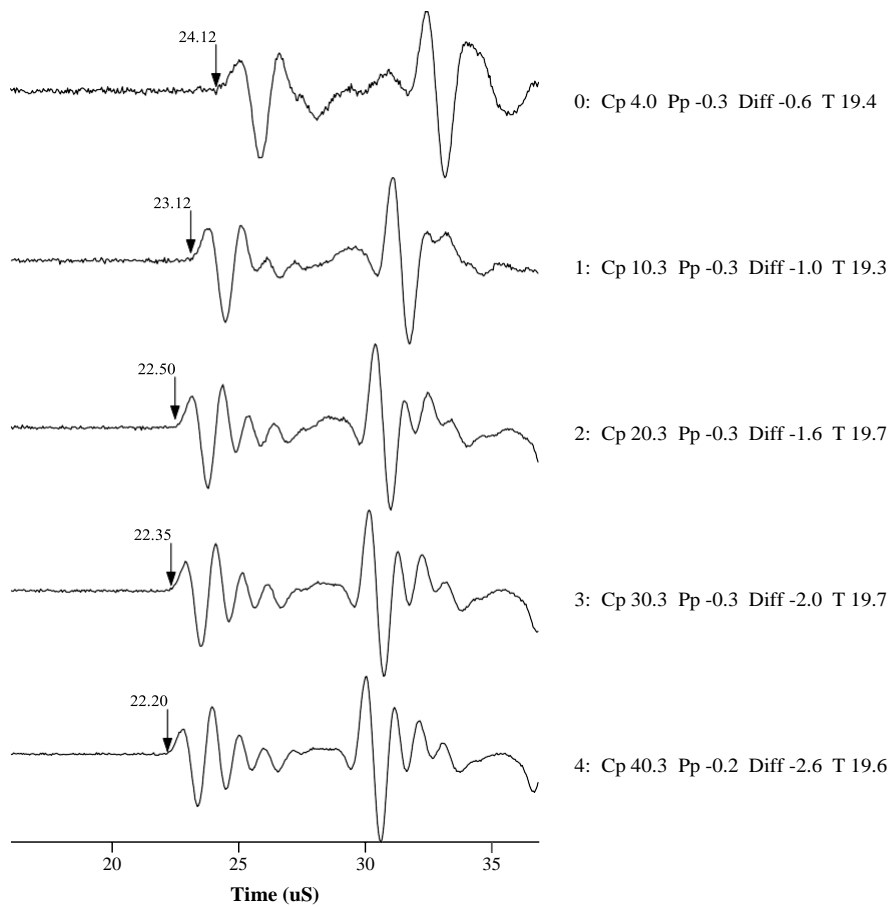
## Ultrasonic Velocity Measurement Report

Sample and Experiment Information			
Well:	JROC	Organization:	UND/EERC
Depth:	4714 ft	Transducer:	Vel_1in_new
Formation:	Opeche	Rock type:	Interbedded sandstone & shaly-sandstone
Dry bulk density:	2.330 g/cm <sup>3</sup>	Porosity:	13.62%
Sat. bulk density:		Pore fluids:	
Diameter:	25.40 mm	Entered Length:	59.30 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	4.0	-	3794	2387	2381	31.09	0.174
1	10.3	-	4053	2523	2519	35.08	0.184
2	20.3	-	4232	2597	2585	37.55	0.200
3	30.3	-	4280	2632	2618	38.48	0.199
4	40.3	-	4325	2643	2632	39.03	0.204

Waveform waterfall for <b>p</b> arrivals	
Well:	
Depth:	4714 ft
File name:	Opeche

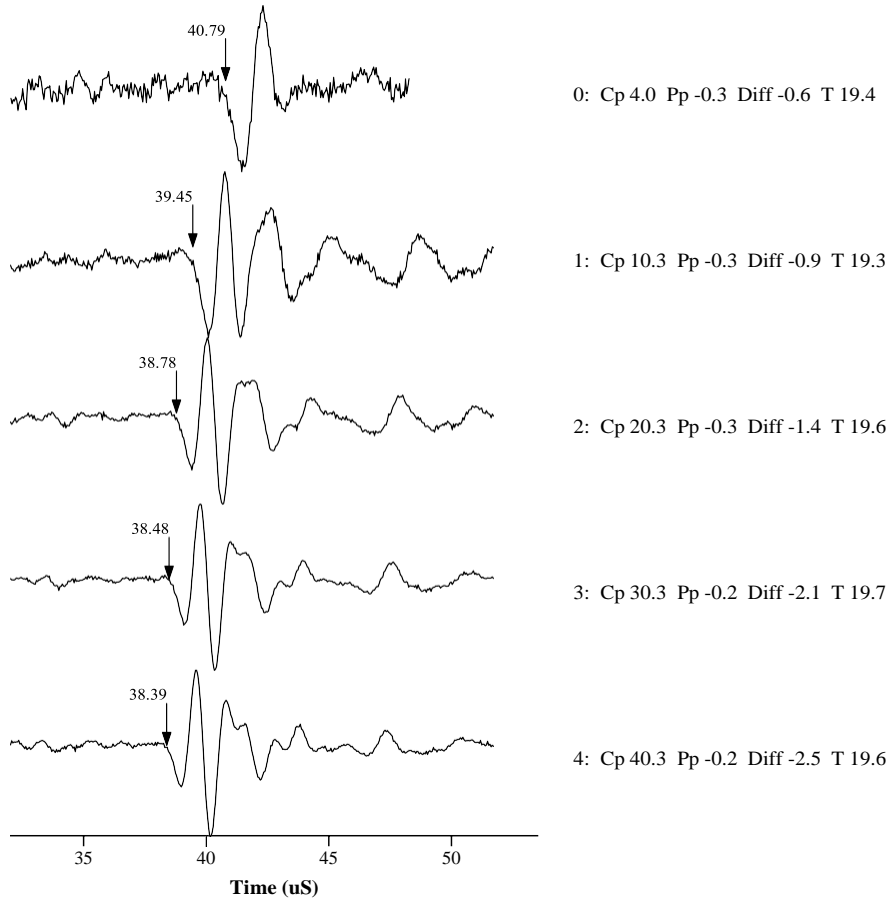


# Waveform waterfall for s1 arrivals

Well:

Depth: 4714 ft

File name: Opeche



# Waveform waterfall for s2 arrivals

Well:

Depth: 4714 ft

File name: Opeche

