

TABLE 7-5

PARAMETER SUMMARY FOR PYROLYSIS GAS CHROMATOGRAPHY

Well name: YOLLA 1

Sample: 2174-2183m

Date: 1986

Parameter	-----Value-----			
	A	B	C	D
C1-C4 abundance (all compounds)	60.96	91.996	2.000	
C5-C8 abundance (all compounds)	16.47	24.852	0.540	
C5-C8 abundance (alkanes+alkenes)	6.64	10.015	0.218	
C9-C14 abundance (all compounds)	16.43	24.795	0.539	
C9-C14 abundance (alkanes+alkenes)	4.07	6.148	0.134	
C15-C31 abundance (all compounds)	6.15	9.277	0.202	
C15-C31 abundance (alkanes+alkenes)	2.77	4.184	0.091	
C5-C31 abundance (all compounds)	39.04	58.924	1.281	
C5-C31 abundance (alkanes+alkenes)	13.48	20.347	0.442	
C5-C31 alkane abundance	5.38	8.126	0.177	
C5-C31 alkene abundance	8.10	12.222	0.266	
C5-C8 alkane/alkene				0.536
C9-C14 alkane/alkene				0.656
C15-C31 alkane/alkene				1.102
C5-C31 alkane/alkene				0.665
C1-C4 abundance/S2				0.610
C5-C31 abundance/S2				0.390
(C1-C5)/C5+ abundance				1.947
R	64.12	96.768	2.104	
PI x PC x TOC				55.81

nd = no data
 A = % of S2
 B = mg/g Rock
 C = (mg/g Rock)/TOC
 D = (no units)
 R = [(C1-C4)+(Proportion alkenes x (C5-C31))]
 N.B. C1-C4 and C5-C31 are for all compounds
 PI = Production index
 PC = Pyrolysable carbon
 S2 = Rock-Eval S2 value
 TOC = Total Organic Carbon