

Capillary Pressure Curve (Mercury Intrusion) Test Report

(Sample-SS6)

Wells: Zhuhai Formation, Pearl River Mouth Basin, South China Sea.

1. Petrophysical properties:

Oilfield:	/	Sample ID:	SS6
Depth, m:	3852.25		
Formation:	Zhuhai Formation	Permeability, $10^{-3} \mu\text{m}^2$:	0.21
Porosity, %:	11.7		

2. Capillary Pressure Curve

ID	Intrusion			Extrusion	
	Pressure MPa	3D	Mercury		
		Pore-throat			Permeability
		radius			contribution
		μm	%	%	
1	0.0038	195.278	0.0000	0.0000	
2	0.0073	100.740	0.0000	0.0000	
3	0.0117	62.8160	0.0000	0.0000	
4	0.0183	40.1590	0.0000	0.0000	
5	0.0291	25.2939	0.0000	0.0000	
6	0.0465	15.8108	0.0000	0.0000	
7	0.0739	9.9510	0.0000	0.0000	
8	0.1198	6.1403	0.0000	0.0000	
9	0.1838	4.0022	0.0000	0.0000	
10	0.2809	2.6185	0.0000	0.0000	
11	0.4517	1.6280	0.0000	0.0000	
12	0.7190	1.0228	8.9890	0.7236	
13	1.1647	0.6314	30.9612	7.0994	
14	1.8051	0.4074	44.8237	30.7172	
15	2.9106	0.2527	12.7991	47.2878	
16	4.4970	0.1635	1.6049	52.5595	
17	7.3834	0.0996	0.5431	56.9667	
18	11.7823	0.0624	0.1585	60.3791	
19	18.1669	0.0405	0.0599	63.5994	
20	29.1880	0.0252	0.0324	67.8452	
21	45.6066	0.0161	0.0164	73.3002	
22	74.4129	0.0099	0.0088	80.6268	