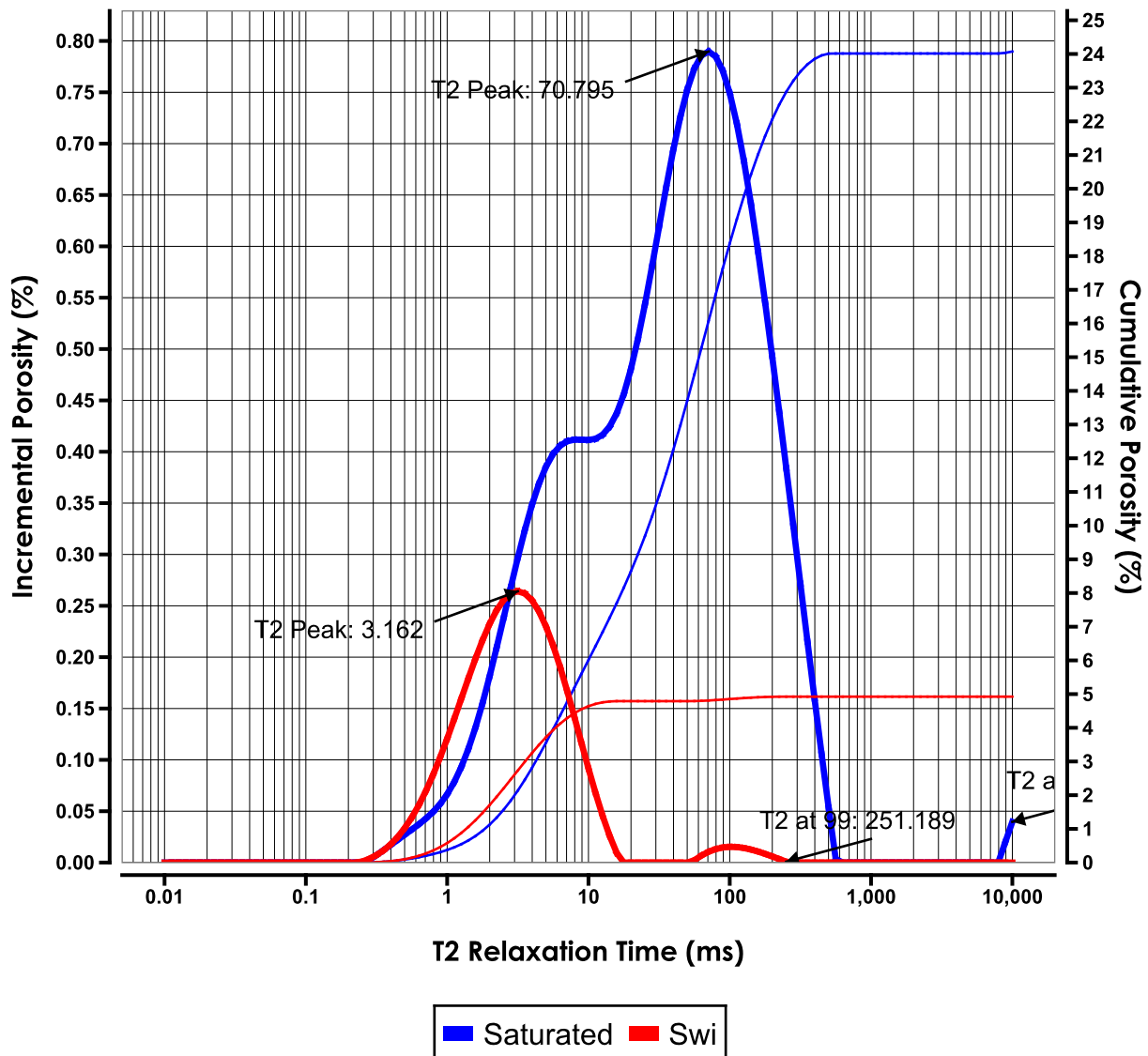


NMR T2 Distribution Data

Sample ID	Rock ID	Helium Porosity	25.5 %
Job ID	Job ID	Permeability	15.8 mD
Acquired	16/01/09 11:16 AM	Confining Stress	0.0 psi
Location	Block x1	Total NMR Porosity	24.07 %
		Clay Bound Water	2.21 %
NMR Field Strength	6.246 MHz	Effective Porosity	21.87 %
T2 Peak Saturated	70.79 ms	Bulk Volume Irreducible	4.92 %
T2 Peak Desaturated	3.16 ms	Free Fluid Index	19.15 %
		T2 Cut Off	7.38 ms
		Coates Coefficient	21.629213 ^{%/mD^{0.25}}



AIR/WATER WORKSHEET

Sample ID: _____ **ID**

Date: **October 21, 2008**

Permeability (mD)	15.8	Rock Diameter (cm)	3.74
Helium Porosity (%)	25.5	Rock Length (cm)	5.22
Brine Density (g/cc)	1.011		
Starting Dry Mass without sleeve(g)	111.77	Pore Volume (cc)	14.31
Starting Dry Mass (g)	118.22	Bulk Volume (Immersed) (cc)	57.22
Immersed Mass (g)	71.88	Grain Volume (Immersed) (cc)	42.90
Saturated Mass (g)	132.69	Porosity (Immersed) (%)	25.01
Ending Dry Mass (g)		Grain Density (g/cc)	2.61
Centrifuge Holder		Bulk Volume (caliper) (cc)	57.35
Centrifuge r (to Outle Face) (cm)	15.1	Porosity (Caliper) (%)	24.96

RPM Speeds

Speed	J	RPM
1	0.5	1414.5
2	1.0	2000.4
3	2.0	2829.0
4	4.0	4000.8

NOTE: All rock masses include a Teflon heatshrink sleeve unless otherwise noted.

Rock State	RPM	Mass (g)	Mass w/o Sleeve (g)	Notes
Fully Saturated	n/a	132.69	126.24	
Actual Speed 1 (RPM)	2000	129.74	123.29	
Actual Speed 2 (RPM)	3000	122.1	115.65	
Actual Speed 3 (RPM)	5500	120.8	114.35	
Actual Speed 4 (RPM)				