

Well Name: AEC (West) Renaissance Tate Lake G-18			Onshore
	RT (m)	4.50	
	Water Depth (m)	0.00	
	Total Depth (TVD, (m))	2200.00	
	Mud Weight (kg/cu. m)	1121.00	
Line # in Casing Database	186	105	
Type	Surface	Production	
Mud Weight (kg/cu. m)	1121.00	1121.00	NOTES:
Next Casing Mud Weight	1121.00	1121.00	A gradient of 11 kg/m was used with a EMD of 1121
Top Depth (m RT)	4.50	4.50	
Bottom Depth (TVD, (m RT))	580.00	2200.00	Is the production casing API and what is the API recommended
Next Casing Depth (m RT)	2200.00	2200.00	make-up torque.
Grade	J-55	IK-70	Values individual entered for the production casing which was
Casing Size, O.D. (mm)	244.50	139.70	not listed as conventional casing.
Casing Weight (kg/m)	53.57	23.07	
Collapse (kPa)	13900	32100	
Burst (kPa)	24300	42290	Casing design <u>is satisfactory</u> .
Tensile (kN)	201500	122700	
% Cased	26.36%	100.00%	
Safety Factor			
Collapse	2.18	1.33	
Burst	1.90	2.01	
Tensile	6.66	2.47	
Satisfaction			
Collapse	OK	OK	
Burst	OK	OK	
Tensile	OK	OK	