

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