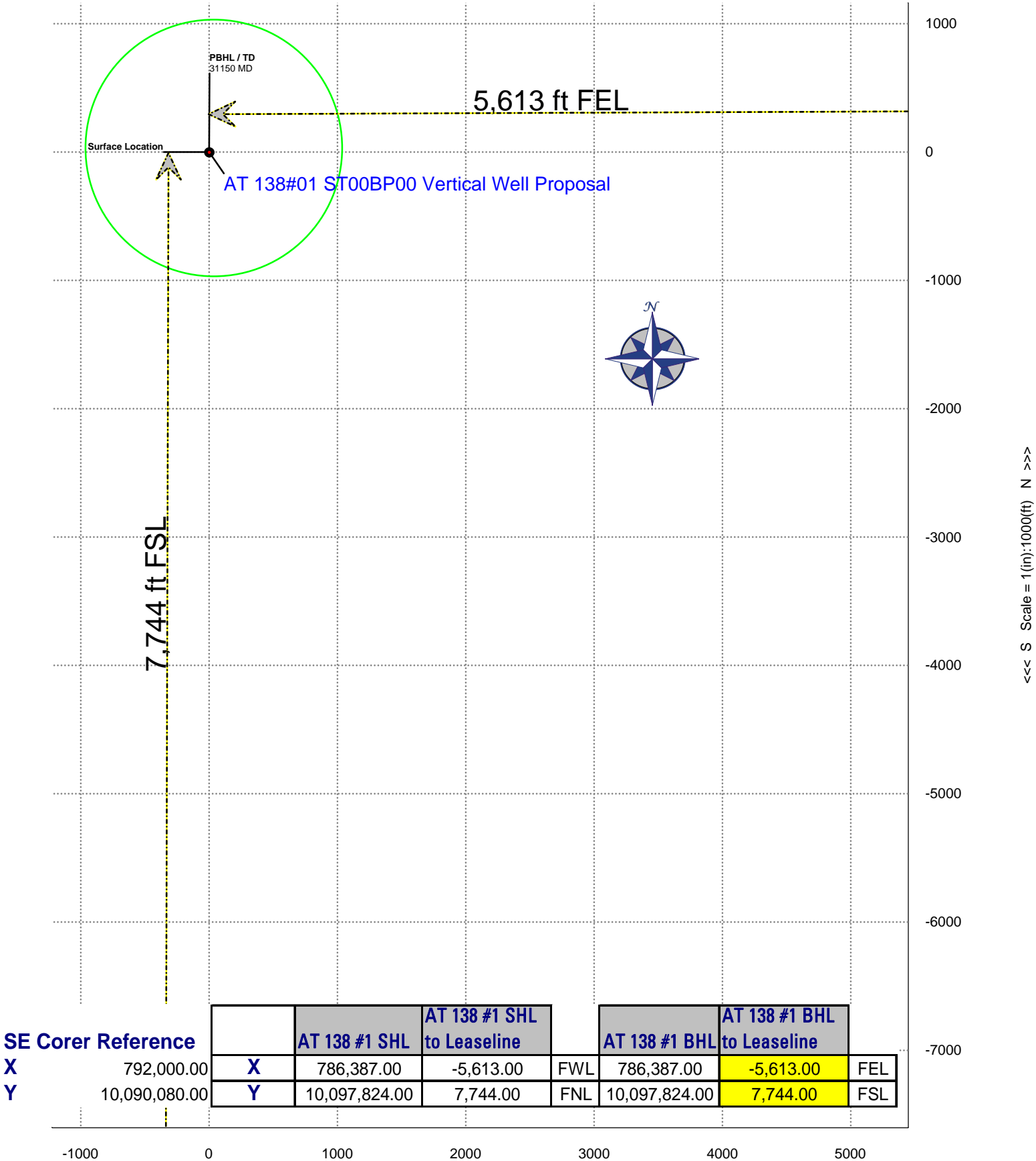




WELL		AT 138 #1 ST00BP00		FIELD		Atwater Valley Block 138		STRUCTURE		Ensco 7500	
Magnetic Parameters				Surface Location				Miscellaneous			
Model:		BGGM 2007		Lat:		N27 48 4.728		Slot:		Sturgis North Loc D	
Dip:		57.829°		Date:		December 11, 2007		North:		10097824.00 RUS	
Mag Dec:		+0.289°		FS:		46948.6 nT		Grid Conv:		-1.23298126°	
				Lon:		W89 38 31.504		Scale Fact:		1.0004364763	
				East:		786387.00 RUS				TVD Ref: RKB (72.00 ft above MSL)	
								Plan:		AT 138#01 ST00BP00	
										Srvy Date: December 11, 2007	





Sturgis North AT 138#1 ST00BP00 Surface & BH Location Coordinates - Lease Line
OCS-G 23018 #1 ST00BP00, Atwater Valley Block 138

Lease Line Coordinates

Well Surface Location

Well TD Location

AT 138

SE Corner Reference

			AT 138 #1 SHL	AT 138 #1 SHL		AT 138 #1 BHL	AT 138 #1 BHL	
			AT 138 #1 SHL	to Lease Line		AT 138 #1 BHL	to Lease Line	
X	792,000.00	X	786,387.00	-5,613.00	FWL	786,387.00	-5,613.00	FEL
Y	10,090,080.00	Y	10,097,824.00	7,744.00	FNL	10,097,824.00	7,744.00	FSL

Coordinates based on NAD27 UTM Zone 16N (US Feet)

