

Exhibit 8

STATE "AW" RESERVE ESTIMATES

	<u>Pennsylvanian</u>	<u>Wolfcamp</u>	<u>Total</u>
Porosity	7.6%	7.6%	
Net Productive Feet	33'	22'	55'
Pore Space Bbls/Acre	19,456	12,971	
Connate Water	30.7%	30.7%	
Oil in Place Barrels/Acre	13,483	8,989	
Formation Volume Factor	2.315	2.315	
Stock Tank Oil in Place Bbls/Acre	5,824	3,883	
Estimated Oil Recovery	20%	20%	
Reserves per Acre-Barrels	1,165	777	1,842
Productive Acres	40	40	40
Total Oil Reserves - Barrels	46,600	31,080	77,680