Action or Production by Year	Year 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	Yr 13	Yr 14	Yr 15
Year 0: Drill 5 wells to produce 5 units of gas in Year 1	1	0.3	0.2	0.16	0.13	0.11	0.1								
	1	0.3	0.2	0.16	0.13	0.11	0.1			**The decline rates shown are based on**					
	1	0.3	0.2	0.16	0.13	0.11	0.1			**data from Chesapeake Energy**					
	1	0.3	0.2	0.16	0.13	0.11	0.1			3 wells must be drilled each and every year					
	1	0.3	0.2	0.16	0.13	0.11	0.1			after the first year to roughly maintain the					
Total Production Year 1	5	1.5	1	0.8	0.65	0.55	0.5			production of the original 5 wells					
Year 1: Drill 3 wells to maintain production approximately = Year 1		1	0.3	0.2	0.16	0.13	0.11	0.1							
		1	0.3	0.2	0.16	0.13	0.11	0.1							
		1	0.3	0.2	0.16	0.13	0.11	0.1							
Total Production Year 2		4.5	1.9	1.4	1.13	0.94	0.83	0.3							
Year 2: Drill 3 wells to maintain production approximately = Year 1			1	0.3	0.2	0.16	0.13	0.11	0.1						
			1	0.3	0.2	0.16	0.13	0.11	0.1						
			1	0.3	0.2	0.16	0.13	0.11	0.1						
Total Production Year 3			4.9	2.3	1.73	1.42	1.22	0.63	0.3						
Year 3: Drill 3 wells to maintain production approximately = Year 1				1	0.3	0.2	0.16	0.13	0.11	0.1					
				1	0.3	0.2	0.16	0.13	0.11	0.1					
				1	0.3	0.2	0.16	0.13	0.11	0.1					
Total Production Year 4				5.3	2.63	2.02	1.7	1.02	0.63	0.3					
Year 4: Drill 3 wells to maintain production approximately = Year 1					1	0.3	0.2	0.16	0.13	0.11	0.1				
					1	0.3	0.2	0.16	0.13	0.11	0.1				
					1	0.3	0.2	0.16	0.13	0.11	0.1				
Total Production Year 5					5.63	2.92	2.3	1.5	1.02	0.63	0.3				
Year 5: Drill 3 wells to maintain production approximately = Year 1						1	0.3	0.2	0.16	0.13	0.11	0.1			
						1	0.3	0.2	0.16	0.13	0.11	0.1			
						1	0.3	0.2	0.16	0.13	0.11	0.1			
Total Production Year 6						5.92	3.2	2.1	1.5	1.02	0.63	0.3			
Year 6: Drill 3 wells to maintain production approximately = Year 1							1	0.3	0.2	0.16	0.13	0.11	0.1		
							1	0.3	0.2	0.16	0.13	0.11	0.1		
							1	0.3	0.2	0.16	0.13	0.11	0.1		
Total Production Year 7							6.2	3	2.1	1.5	1.02	0.63	0.3		
Year 7: Drill 3 wells to maintain production approximately = Year 1								1	0.3	0.2	0.16	0.13	0.11	0.1	
								1	0.3	0.2	0.16	0.13	0.11	0.1	
								1	0.3	0.2	0.16	0.13	0.11	0.1	
Total Production Year 8								6	3	2.1	1.5	1.02	0.63	0.3	
Year 8: Drill 3 wells to maintain production approximately = Year 1									1	0.3	0.2	0.16	0.13	0.11	0.1
									1	0.3	0.2	0.16	0.13	0.11	0.1
									1	0.3	0.2	0.16	0.13	0.11	0.1
Total Production Year 9									6	3	2.1	1.5	1.02	0.63	0.3

New production from wells drilled the previous year

Production from wells drilled prior to the previous year

Total production for a year

Total production for a year from existing wells

Definitions

The total production of a well in its first year of operation = 1

New production is from the first year of operation of a well (only)