

**Play:** 6251 *Arkoma Basin - Syncline*

**Province:** 62 Arkoma Basin

**Play Type** coalbed gas

**Geologist:** Rice, D.D./Finn, T.M.

**Status:** hypothetical

**Play Probability:** 1.00

**Cells:** **Cell Size:** 80 acres 0.125 sq mi

**Area of Play:** 2,519 sq mi 20,152 cells

**Productive Cells:** 0

**Tested Nonproductive Cells:** 0

**Untested Cells:** minimum median maximum mean distribution  
5,000 8,000 13,000 8,272 bell-shaped

**Success Ratio for Untested Cell** 0.60

**EUR Distribution for Untested Cells (MMCFG):**

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
50	130	250	380	575	950	1,500	454

**Depth (ft):** minimum median maximum mean  
500 2,000 5,000 2,219

**Analog play:**

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**Net Thickness of Potentially Productive Coal (ft):** mean maximum

9 20

**Mean Number of Potentially Productive Coal Seams:** 26

**Mean Thickness of Potentially Productive Coal-Bearing Interv** 950 ft

**Total Dissolved Solid** ppm

**Water Disposal:**

**Gas Quality:** C1% C2+% CO2% N2% Btu

**Is there active underground coal mining?** no

**Mined-Out Areas:** sq mi %

**Is compression needed for transmission?** yes

**Are coalbed gas wells generally stimulated in this play**es

**Potential Gas Reserve Additions (BCFG):**

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
1,576.40	1,923.28	2,208.38	2,535.76	3,093.75	2,255.25	467.08