

Play: 6752 *Central Appalachian Basin - Central Basin*

Province: 67 Appalachian Basin

Play Type coalbed gas

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

Status: confirmed

Play Probability: 1.00

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

Area of Play: 3,271 sq mi 26,168 cells

Productive Cells: 465 **Tested Nonproductive Cells:** 0

Untested Cells: minimum median maximum mean distribution
4,000 8,000 15,000 8,418 bell-shaped

Success Ratio for Untested Cell0.70

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	150	275	440	650	1,100	1,800	521

Depth (ft): minimum median maximum mean
500 1,200 2,500 1,286

Analog play:

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

12 20

Mean Number of Potentially Productive Coal Seams: 10

Mean Thickness of Potentially Productive Coal-Bearing Interv 750 ft

Total Dissolved Solid 30,000 ppm

Water Disposal: injection

Gas Quality: C1% C2+% CO2% N2% Btu
97.0 2.5 0.5

Is there active underground coal mining? yes

Mined-Out Areas: 186 sq mi 6.0 %

Is compression needed for transmission? yes

Are coalbed gas wells generally stimulated in this playes

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>
1,880.30	2,454.71	2,954.36	3,555.72	4,641.96	3,067.95	858.86