

Play: 6753 *Cahaba Coal Field*

Province: 67 Appalachian Basin

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

Play Type coalbed gas

Status: confirmed

Play Probability: 1.00

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

Area of Play: 387 sq mi 3,096 cells

Productive Cells: 140 **Tested Nonproductive Cells:** 64

Untested Cells: minimum median maximum mean distribution
200 1,000 2,400 1,083 bell-shaped

Success Ratio for Untested Cell 0.50

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>
25	65	160	300	720	1,600	2,500	544

Depth (ft): minimum median maximum mean
500 2,500 9,000 3,203

Analog play: 6552 - *Black Warrior Basin - Coastal Plain*

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

20 50

Mean Number of Potentially Productive Coal Seams: 60

Mean Thickness of Potentially Productive Coal-Bearing Interv 9,000 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 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>
135.58	203.57	270.01	358.14	537.73	294.76	129.06