Play: 6740 *Devonian Black Shale - Greater Big Sandy*
Province: 67 Appalachian Basin **Play Type** continuous-type gas
Geologist: Milici,R.C. **Status:** confirmed

Scenario: Old drilling (larger EUR's); 150-acre cell size

Scenario Probability 0.50

Play Probability: 1.00

Cells: **Cell Size:** 150 acres 0.234 sq mi

Area of Play: 5,000 sq mi 21,333 cells

Productive Cells: 9,000 **Tested Nonproductive Cells:** 1,000

Untested Cells:

minimum	median	maximum	mean	distribution
4,600	11,333	31,700	13,429	bell-shaped

Success Ratio for Untested Cell 0.90

EUR Distribution for Untested Cells (MMCF):

F100	F95	F75	F50	F25	F5	F0	mean
>0	90	250	500	820	1,400	2,000	602

Play: 6740 *Devonian Black Shale - Greater Big Sandy*
Province: 67 Appalachian Basin **Play Type** continuous-type gas
Geologist: Milici,R.C. **Status:** confirmed

Scenario: New drilling (smaller EUR's); 60-acre cell size

Scenario Probability 0.50

Play Probability: 1.00

Cells: **Cell Size:** 60 acres 0.094 sq mi

Area of Play: 5,000 sq mi 53,333 cells

Productive Cells: 10,000 **Tested Nonproductive Cells:** 1,000

Untested Cells:

minimum	median	maximum	mean	distribution
20,300	42,333	95,200	46,973	bell-shaped

Success Ratio for Untested Cell 0.90

EUR Distribution for Untested Cells (MMCF):

F100	F95	F75	F50	F25	F5	F0	mean
>0	33	80	150	270	700	2,000	258

Play: 6740 *Devonian Black Shale - Greater Big Sandy*
Province: 67 Appalachian Basin **Play Type** continuous-type gas
Geologist: Milici,R.C. **Status:** confirmed

NGL/Gas Ratio: 0 bbl/MMCF **API Gravity:**

Depth (ft):

minimum	median	maximum	mean
2,000	3,500	5,500	3,600

Fraction of Untested Cells to Be Tested by Wells Primarily Targeted for:

the play itself	a deeper horizon	a shallower horizon
0.90	0.10	0.00

Fraction of Play with "Tight" FERC Designation: 0.00

Fraction of Wells Likely to Be Stimulated: 0.95

Potential Reserve Additions:

NGL (MMBNGL)

F95	F75	F50	F25	F5	mean	s.d.
0.00	0.00	0.00	0.00	0.00	0.00	0.00

Gas (BCFG)

F95	F75	F50	F25	F5	mean	s.d.
3,844.20	6,198.61	8,493.12	11,282.10	16,439.30	9,088.72	3,945.39