

Play: 6407 *Illinois Basin - New Albany Shale Gas*

Province: 64 Illinois Basin

Play Type continuous-type gas

Geologist: Hatch, J.R.

Status: hypothetical

Play Probability: 1.00

Cells: **Cell Size:** 160 acres 0.25 sq mi

Area of Play: 15,200 sq mi 60,800 cells

Productive Cells: 117 **Tested Nonproductive Cells:** 28

Untested Cells: minimum median maximum mean distribution
800 30,727 60,655 30,727 uniform

Success Ratio for Untested Cell 0.50

EUR Distribution for Untested Cells (MMCF):

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
>0	27	47	80	140	260	1,000	123

Play: 6407 *Illinois Basin - New Albany Shale Gas*
Province: 64 Illinois Basin **Play Type** continuous-type gas
Geologist: Hatch, J.R. **Status:** hypothetical

NGL/Gas Ratio: 1 bbl/MMCF **API Gravity:**

Depth (ft):

<u>minimum</u>	<u>median</u>	<u>maximum</u>	<u>mean</u>
500	3,000	5,300	3,000

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

<u>the play itself</u>	<u>a deeper horizon</u>	<u>a shallower horizon</u>
0.95	0.05	0.00

Fraction of Play with "Tight" FERC Designation: 0.00

Fraction of Wells Likely to Be Stimulated: 0.70

Potential Reserve Additions:

NGL (MMBNGL)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.70	1.16	1.65	2.34	3.90	1.89	1.06

Gas (BCFG)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
695.03	1,156.03	1,646.42	2,344.82	3,900.08	1,888.95	1,062.39