

COMPUTER RESERVOIR SIMULATION STUDY

Buffalo Valley (Penn) Study Area

MODEL INPUT DATA

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|----------------------------|--------------|
| Grid Orientation | 24 x 43 x 1 |
| Number of Gridblocks | 1032 |
| Gridblock Dimensions | 660' x 660' |
| Number of Producing Wells | 22 |
| Net Thickness | Net Pay Map |
| Porosity | Log Analysis |
| Water Saturation | Log Analysis |
| Initial Reservoir Pressure | 3,400 psia |
| Gas Gravity | 0.65 |
| Reservoir Temperature | 165 °F |
| | |
| Original Gas In Place | 85.7 BCF |

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