

## COMPUTER RESERVOIR SIMULATION STUDY

## Buffalo Valley (Penn) Study Area

## MODEL INPUT DATA

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