USGS Parameters – Increased $C_r$, 50 mbd

- Simplest model to capture key observations

Static Input Data:
- Bo: 2.350 rb/stb
- Oil Viscosity: 0.168 cP
- Well Bore Radius: 0.350 ft
- Gauge Resolution: 5.000 psi
- Fluid Compressibility: 14.6 $\mu$psis
- Water Compressibility: 3.0 $\mu$psis
- Rock Compressibility: 14.0 $\mu$psis
- Total: 27 $\mu$psis
- Net Thickness: 90 ft
- Porosity: 21.0%
- Water Saturation: 10.0%
- Initial Pressure: 11,856 psia
- Initial Pressure (WHP): 8,562 M56E Sand
- Model: Linear (homogeneous)

Pore Volume: 1.610E+09 ft³
H/C Pore Volume: 258 mmrrb
Original Oil In Place: 110 mmstb

Note: +/- X split assumed