

Rectangular Model – No Aquifer; 30 mbd

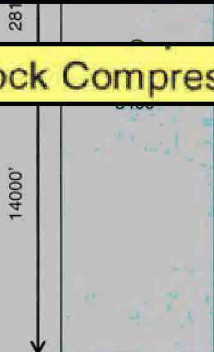
- Simplest model to capture key observations

Static Input Data:

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Bo	2.310	rb/stb
Oil Viscosity	0.210	cP
Well Bore Radius	0.350	ft
Well Bore Storage	0.100	bbls
Gauge Resolution	5.000	psi
Fluid Compressibility	14	μsips
Water Compressibility	3	μsips
Rock Compressibility	6	μsips
Total	23	μsips
Net Thickness	93	ft
Porosity	21.6%	Includes M56D, M56E, M56F (v2) Multi-weighted Average

Rock Compressibility

6 μsips



Model		
Linear (homogeneous)		
Wellbore Storage	0.51	bbl/psi
Permeability	363	mD
Skin	50.0	
PI	8,562	psia
+X	2,810	ft
-X	14,000	ft
+Y	1,700	ft
-Y	1,700	ft
Pore Volume	1.148E+09	ft3
H/C Pore Volume	180	mmrb
Original Oil In Place	78	mmstb