

San Juan 28-7 Unit Simulation: Stage 1

- Calibrate Geologic Model
 - Extract Historical Volumes from Existing Wells
 - Match Observed Pressure Drop at 6 Pilot Wells
 - Update OGIP estimates

- Model Inputs (Initial Guess)

	Porosity	Sw	Net Pay	Perm (md)	Initial Press	OGIP (Bcf/Sec)
Two Wells	0.08	35%	29	0.0249	3200	8.1
Cubero	0.08	35%	21	0.0133	3200	5.8
Lower Cubero	0.08	35%	31	0.0033	3200	8.8

- Additional Constraints
 - Type-Curve Production Analysis (kh)
 - Initial Pressures at 160 acre wells