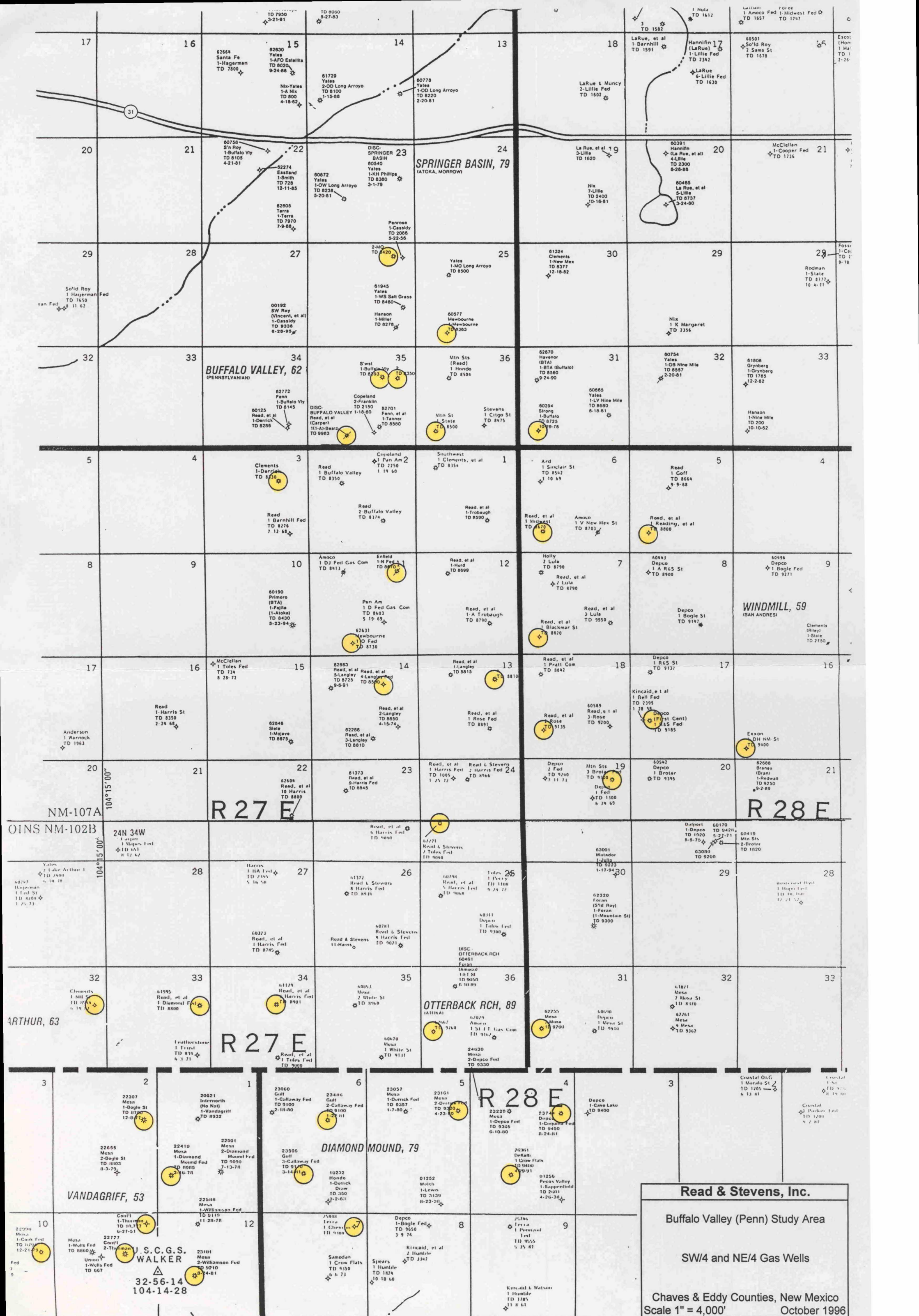


Comparison of Reserve Estimates

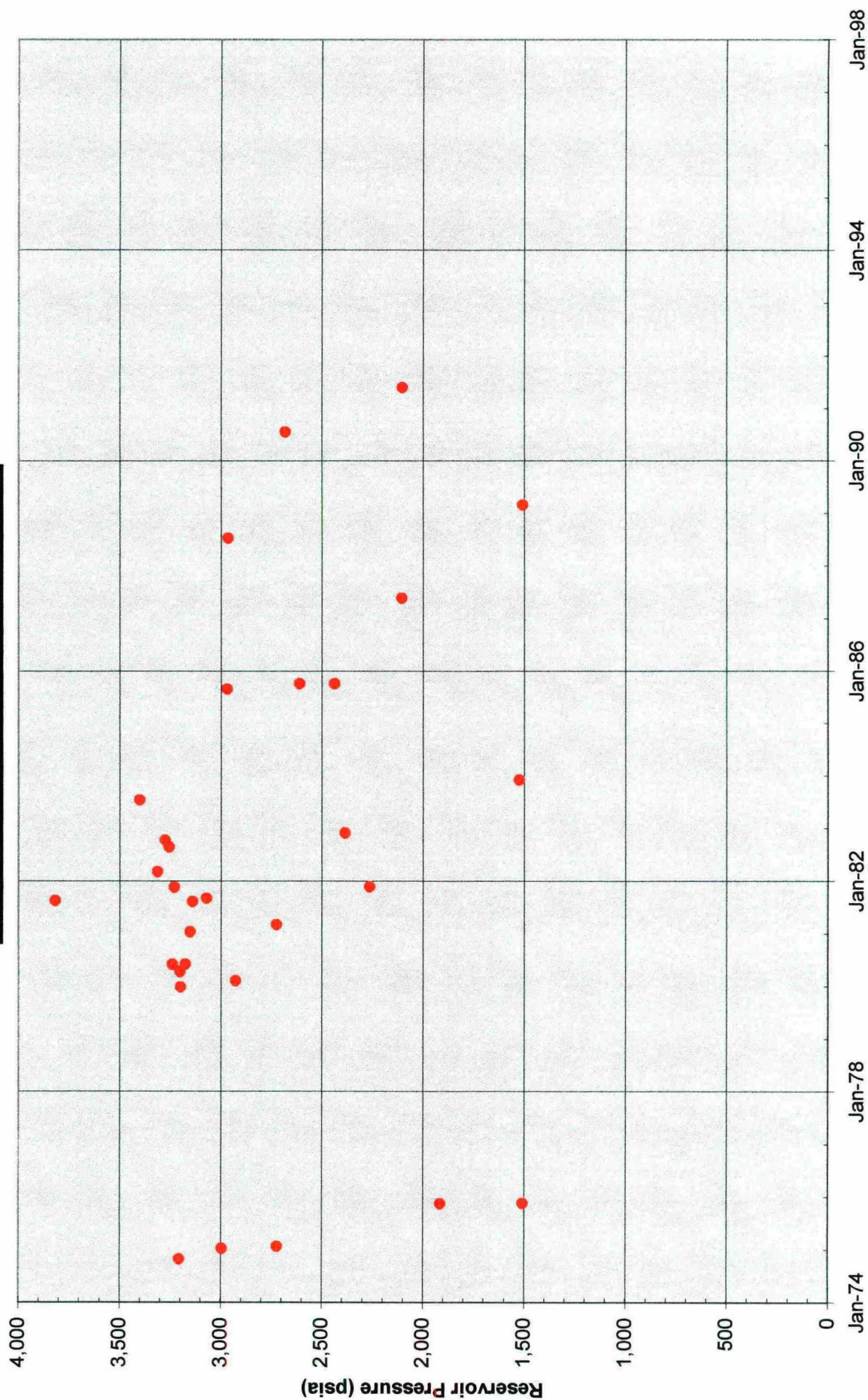
(Without Proposed Well)

Well	Current Cum Gas (BCF)	Rate vs. Cum EUR (BCF)	P/Z EUR (BCF)	
Langley Federal No. 5	0.8	1.0	1.0	*
Langlie Federal Com No. 3	2.7	4.0	4.5	
Harris Federal No. 10	0.4	0.7	0.7	
Harris Federal No. 9	5.5	8.0	8.0	*
Harris Federal Corn No. 6	3.7	5.4	4.9	
Toles Federal No. 2	0.8	1.3	1.2	
Harris Federal Corn No. 5	1.8	2.6	2.4	
Harris Federal No. 8	5.5	8.0	8.2	
Harris Federal No. 4	0.6	0.7	0.7	
Harris Federal No. 7	0.6	1.0	1.0	
Toles Federal No. 1	3.7	4.1	4.0	
White State No. 2	5.5	9.0	8.0	
White State No. 1	3.6	5.2	4.5	
State Et Gas Com No. 1	3.1	3.1	3.5	
State Et No. 1	1.1	0.8	0.8	
State Et No. 2	1.3	1.8	2.6	
Depco Federal No. 2	1.9	1.9	2.0	
Derrick Federal No. 2	6.8	7.1	7.2	
Derrick Federal No. 1	2.8	2.9	3.2	
Callaway Federal No. 2	1.3	1.2	1.2	
Callaway Federal No. 1	0.7	0.7	1.2	
Callaway Federal No. 3	0.4	0.4	0.5	
Proposed Well	0.0	0.0	0.0	
Totals =	54.5	70.9	71.3	

* - Used Rate vs. Cum method for P/Z estimate.



Initial Reservoir Pressure Data Buffalo Valley (Penn) Field Area



BHP/Z vs. Cumulative Gas Production

