Fruitland CBM Recovery
Based on the Adsorption Isotherm

COMMON INPUT DATA

Current Area, acres/well	320
Average Thickness, ft*	28
Langmuir Pressure, psia	792
Langmuir Volume, scf/ton*	988
Average Coal Density, tons/acre-ft	1800
Initial Potentiometric Elev., ft MSL	5100

3 PRESSURE CASES CONSIDERED

	Min P	Avg P	High P
Structural Elev., ft MSL	4750	4550	4450
Computed Initial Pressure, psia	164	251	294
Computed Gas Content, scf/ton	169	237	267
Initial Gas in Place, Bcf/320 acres	2.73	3.83	4.31

Avg. Reservoir Pressure at Abandonment, psia					
25	Recovery Eff., % IGIP	74%	79%	80%
	EUR, Bcf/320	2.02	3.01	3.44
50	Recovery Eff., % IGIP	59%	68%	70%
	EUR, Bcf/320	1.61	2.60	3.03
75	Recovery Eff., % IGIP	45%	58%	61%
	EUR, Bcf/320	1.22	2.21	2.64

* Note: The average Langmuir Volume was reduced by 10% in the Upper Coal to account for higher ash content. The net thickness was reduced by about 10% in computing recovery efficiencies to account for uncompleted or unconnected coals.

Application of Richardson Operating Co.
Record on Appeal, 910.

BEFORE THE
OIL CONSERVATION COMMISSION
Case No. 12734
Exhibit # C-6
Submitted By:Richardson Oper.Co.
Hearing Date:October 28 & 30, 2002