

Typical Pictured Cliffs Gas in Place and Recovery Efficiency

COMMON INPUT DATA

Current Area, acres/well	160
Initial Pressure, psia	300
Reservoir Temperature, °F	85
Z Factor	0.95
Assumed Porosity, %	20%
Assumed Gas Saturation, %	50%

3 NET THICKNESS CASES CONSIDERED

Average Thickness, ft	5	10	20
Assumed Porosity, %	20%	20%	20%
Assumed Gas Saturation, %	50%	50%	50%

Initial Gas in Place, Bcf/160 acres	0.071	0.143	0.286
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Avg. Reservoir Pressure at Abandonment, psia	25	Recovery Eff., % IGIP	92%	92%	92%
		EUR, Bcf/160	0.066	0.131	0.263
	50	Recovery Eff., % IGIP	84%	84%	84%
		EUR, Bcf/160	0.060	0.120	0.240
75	75	Recovery Eff., % IGIP	76%	76%	76%
		EUR, Bcf/160	0.054	0.108	0.217

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 12734 Exhibit No. C7
Submitted By:
Richardson Operating Company
Hearing Date: November 11, 2001