

Section 4 T27N R10W

Current Producing Dakota Wells

Well	12/99 CUM (mmcf)	Decline EUR (mmcf)
Hargrave Federal #1	1,076	1,076
RP Hargrave L #1	2,565	3,065
RP Hargrave L #1E	851	1,260
Federal F #2	5,616	6,411
Total (Section)	10,108	11,813

Note: Hargrave Federal #1 was P&A'd and
redrilled as the RP Hargrave L #1

Recoverable Gas In Place (RGIP)

Sand		RGIP (mmcf)
1st Dakota Sand		2,059
2nd Dakota Sand		3,278
3rd Dakota Sand		8,692
Total		14,029

Estimation of Remaining Recoverable Gas

	(mmcf)
Calculated RGIP from Net Sand Isopach	14,029
Net Pay >6% Phi-d/Net Sand Isopach	0.88
Adjusted RGIP for Productive Net Pay	12,346
Less Decline EUR Current Producers	11,813
Estimated Remaining Recoverable Gas	533



