

Gerk 407.56 Acre Spacing Unit

- Dakota
 - Gas Saturation 50%
 - Porosity 7%
 - Net pay 55 ft.
 - Average drainage ^{area} radius of existing wells in unit is 55 acres
 - Average EUR 591 MMCF with post 2000 wells averaging 599 MMCF

GERK : 407.56 acre spacing unit

Drainage Radius=

EUR X Bgi

(1-Bgi/Bga) * (.043560 * Gas Sat. * Porosity * Ft.)

Dakota

Wellname	Initial Prod Date	Net Ft. of Pay	Cum Gas Prod MMCF	EUR Gas MMCF	EUR Drainage Radius, acres
Gerk Gas Com B1	Apr-65	38	565	670	71
Gerk Gas Com B1F	May-07	68	202	546	32
Gerk Gas Com B1G	Apr-03	93	224	651	28
Gerk Gas Com B1M	Nov-82	22	417	495	90
Proration Unit Total			1408	2362	221
Per Well Average		55	352	591	55

Bgi

Bga

Porosity

Gas Saturation

cf/SCF

cf/SCF

7%

50%

Economics: Gerk B2

Dakota

- With an EUR of 600 MMCF, payout is 2.0 years.