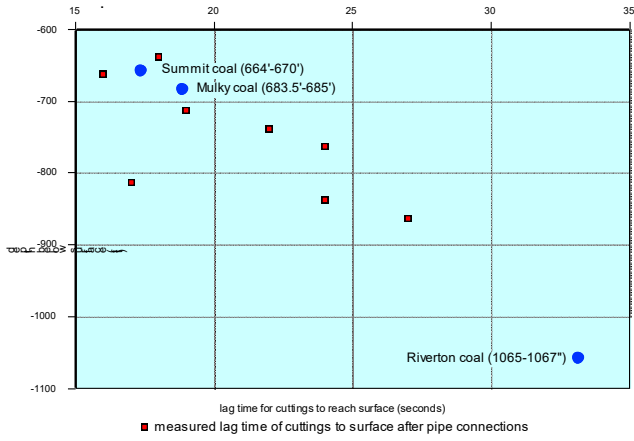
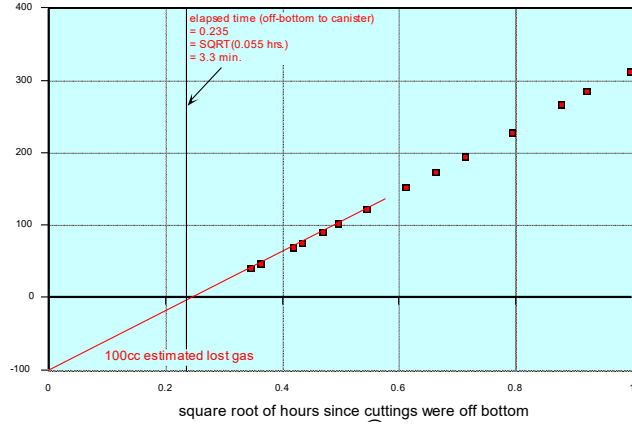


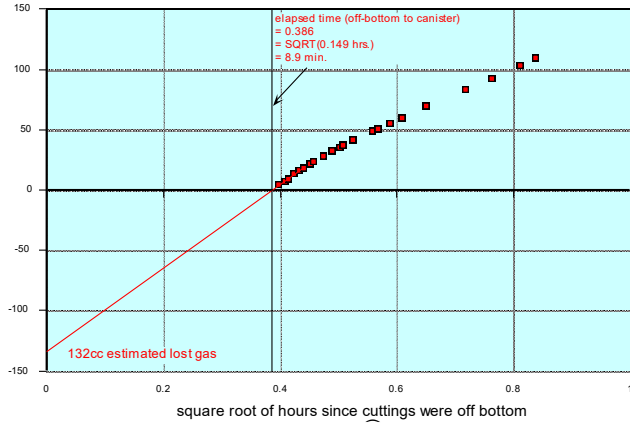
Gene Bailey #12-K Kimball; NE NE SW sec. 19-T.30S.-R.16E., Wilson County, KS
lag-time to surface for well cuttings



683' to 685' (Mulky Coal) in canister 3
Bailey Kimball #12-K; sec. 19-T.30S.-R.16E., Wilson County



1065' to 1067' (Riverton Coal) in canister H
 Bailey Kimball #12-K; sec. 19-T.30S.-R.16E., Wilson County



Desorption Characteristics of Cuttings Samples
 Bailey #12-K Kimball; sec. 19-T.30S.-R.16E.; Wilson Co., KS

LITHOLOGIC COMPONENT SENSITIVITY ANALYSIS for calculation of gas content of Summit coal from 664-670'

GAS CONTENT_{coal} =

$$\frac{\text{total gas desorbed} - ((\text{gas content}_{\text{dark shale}}) * (\text{weight}_{\text{dark shale}}))}{\text{weight}_{\text{coal}}}$$

total gas desorbed = 85 ccs
 weight_{dark shale} = 1289.53 grams
 weight_{coal} = 0.00 grams

TOTAL DRY WEIGHT OF SAMPLE = 1289.53 grams
 weight_{light-colored lithology} = 139.07 grams (10.8%)
 weight_{dark shale} = 1150.46 grams (89.2%)
 weight_{coal} = 0.00 grams (0.0%)

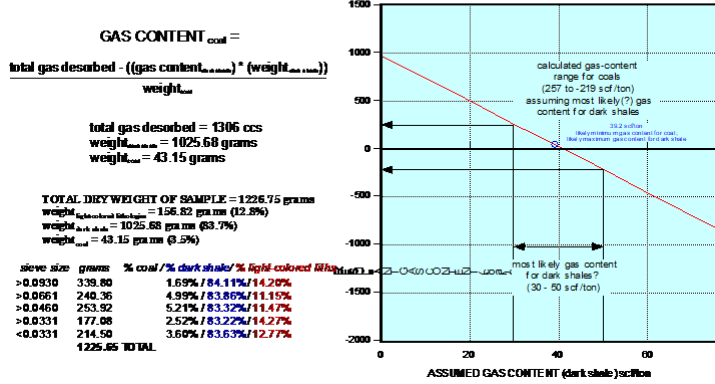
sieve size	grams	% coal	% dark shale	% light-colored liths
>0.0930	756.06	0.00%	89.64%	10.36%
>0.0661	240.99	0.00%	88.79%	11.21%
>0.0460	179.47	0.00%	88.79%	11.21%
>0.0331	70.52	0.00%	87.63%	12.73%
<0.0331	53.49	0.00%	88.71%	11.29%
1289.53 TOTAL				

no graph presented due to no coal being present in the sample

ASSUMED GAS CONTENT (dark shale) scf/ton

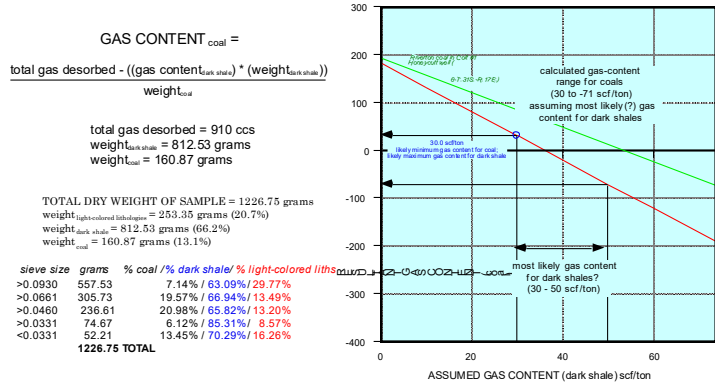
Desorption Characteristics of Cuttings Samples
 Bailey #12-K Kimball, sec. 19-T.30S.-R.16E., Wilson Co., KS

LITHOLOGIC COMPONENT SENSITIVITY ANALYSIS for calculation of gas content of Mulky coal from 683-685'

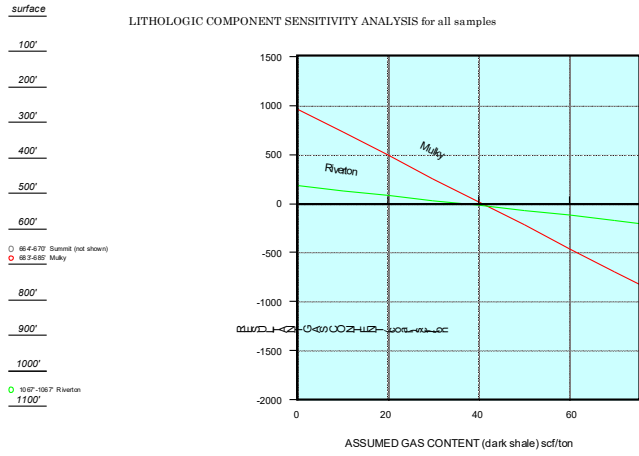


Desorption Characteristics of Cuttings Samples
 Bailey #12-K Kimball, sec. 19-T.30S.-R.16E., Wilson Co., KS

LITHOLOGIC COMPONENT SENSITIVITY ANALYSIS for calculation of gas content of Riverton coal from 1065-1067'



Desorption Characteristics of Cuttings Samples
Bailey #12-K Kimball; sec. 19-T.30S.-R.16E.; Wilson Co., KS



Desorption Characteristics of Cuttings Samples (ie., coal & dark shale)
Gene Bailey #12-K Kimball; NE NE SW sec. 19-T.30S.-R.16E., Wilson County, KS

