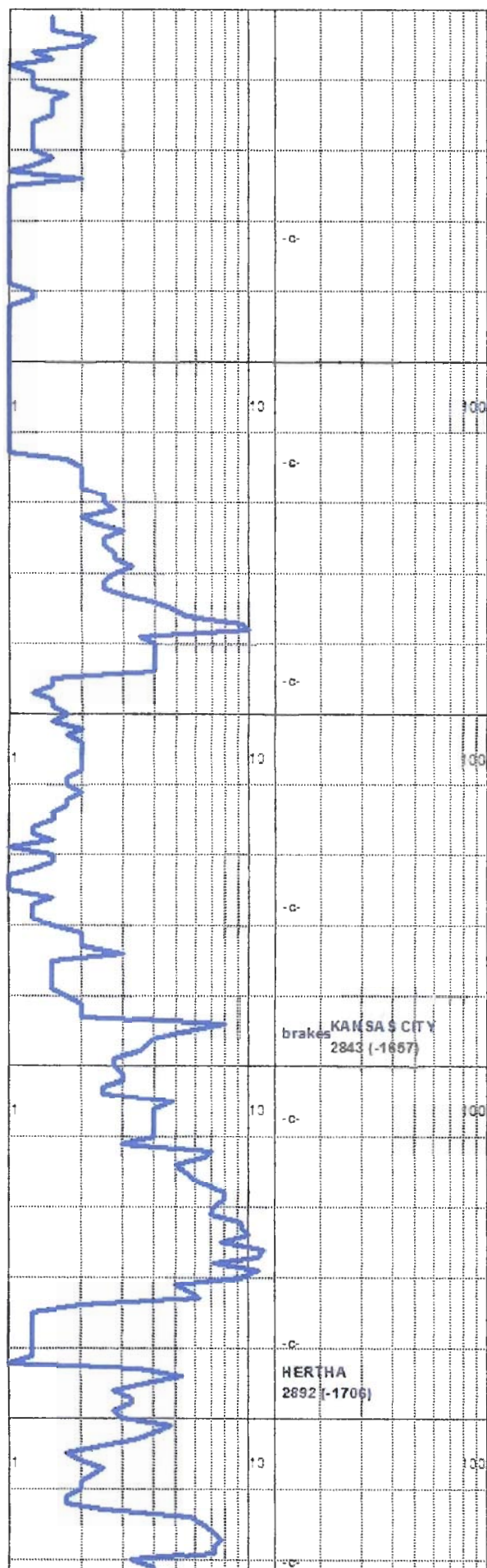


DRILLING TIME
MIN/FT

SAMPLE DESCRIPTION

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 29 2006
CONSERVATION DIVISION
WICHITA, KS



2700

SS - Sd Clust: Gy-wh, Vfn-fn Gr'd, sm frbl w/Fr por. NSFO. NSGB.
NC. Pred well omt'd micaceous w/VP- Pr por. NS.

2800

SH: Abndt Blk carb & subcarb
(Rr Sd Clusters: AA, NS.)

SH: Abndt Blk carb fs & dk Gy-Blk SH.
(Vrr Sd Clusters: AA, NS.)

LS: Tn-Gy-om, microx-dn Mdst-fnxdn LS w/VP- NV por.

SH: AA & Siltst: Lt Gy, sdy, micac
(Vrr Sd Clusters: AA, NS.)

LS: om-Tn-Gy, microx-fnxdn, Rr (Rare) Flst-Grtw/Pr- Fr por: pp por.
I.Gr por, IX por. Vrr (Very Rare) VSISFOIL & Gas Bubs, brt FLR, VLI.
O.STN, Vsf cut, sI odor. SI cherty. sm argil LS.

LS: Gy-Bn-Tn, microx - Rr fnx- dn Mdst-Wkst, sm argil, Pred Pr- NV
por. Vrr micro- Frads & Edgs w/FLR, Tro SFOIL & Gas Bubs.

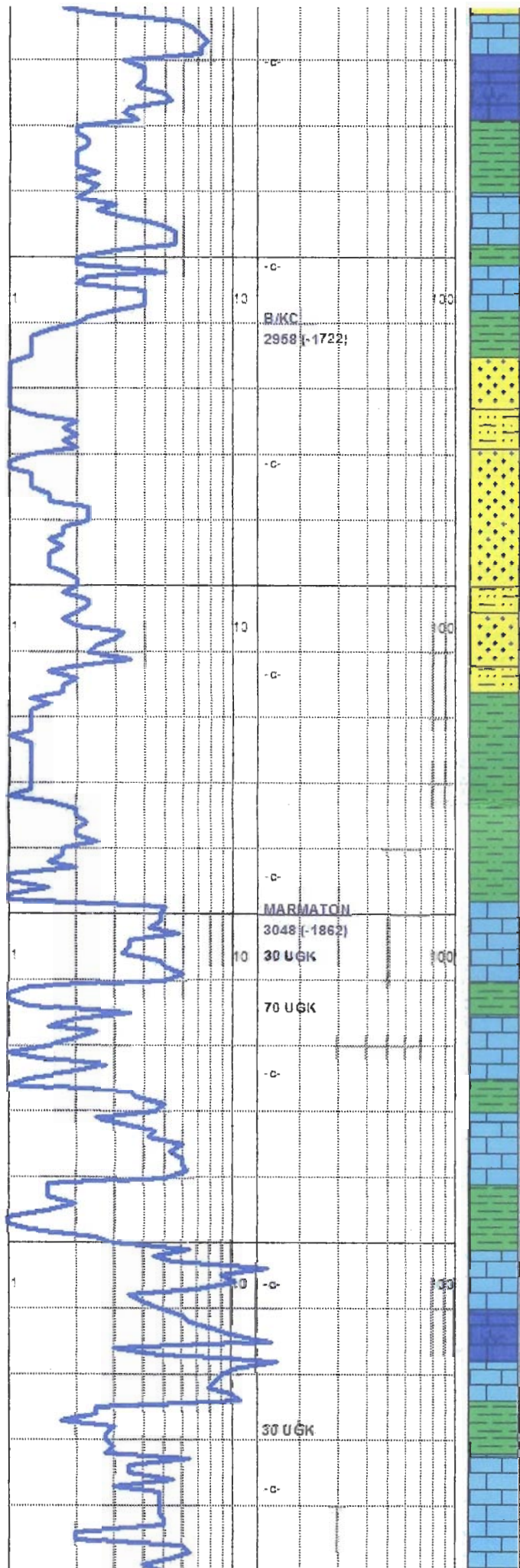
SH: Blk carb- V. carb. ~70 Unit Gas Kick

2900

LS: om-Tn, microx-fnxdn w/Pr- Fr IX por w/FLD, SI SFOIL & cut w/SI
O.STN & Mdst-Wkst w/micro- Frac por & pp por w/brt FLR, VSISFOIL
& Gas Bubs.

SS: Frlly Abndt Sd Clusters: Vfn-fn Gr'd, md'd- angr, sm frbl w/Fr- Gd
I.Gr por. Tro SFOIL & Gas Bubs. Pred barren. Abndt well omt'd micac
silty w/Pr- NV por & SH: Blk carb. Gy-Blk & gn-Gy.

LS: Gy-Tn-om, pred dn Mdst-Wkst w/VP- NV por.



LS: Gy-Tn-om, pred dn Mdst-Wkst w/VP- NV por.

LS: Wh-Tn-Gy, microx- fnx Pkst & Wkst, sm fos w/VP- Fr por: micro-
I. fos por & pp por. Rr FLR, VSI SGas Bubs, Trc SFOI & out.

SH: Gy-Bk & gn-Gy.

LS: Gy-Tn-Wh, microx- fnx - 2nd ReX, Vrr Pkst; VPr- Fr por, sp'd to
sat FLR, VSISFOI & Gas Bubs.

SH: Bk carb.

LS: AA, Pred Mdst-Wkst w/Vrr micro- Fracs & Edg's w/FLR & Trc
SFOI & Gas Bubs.

SH: Gy-Bk, sm carb & gn-Gy.

SS - Sd Clust: Gy & gn-Gy, Wh- Transl, Vfn- fn Grd, sm calc, pred
silty, micac, well cnt'd w/VP- Fr por. NS.

Siltst: Ly Gy, micac & sndy.

SS - Sd Clust: Gy-wh-Transl, Vfn- fn Grd, Rnd'd to subangl, well
sort'd, sm fribl w/Fr-Gd I. Gr por, Trc SFOI & FLR & out, Trc S. Gas
Bubs & Conds. VSI odor (Gas detector down). Pred well cnt'd micac
& silty w/VP- Fr vis I. Gr por w/NS.

Siltst: gn-Gy micac.

SS - Sd Clust: AA, Inors Gy & gn-Gy, Vfn Grd, V. well cnt'd, silty
w/VP vis por & NS.

Siltst: Lt gn-Gy micac.

SH: Bk carb & subperc. & Siltst: gn-Gy, micac, sndy. & SS- Sd Clust:
AA, pred well cnt'd, micac, silty.

LS: Tn-Gy-om Mdst & sm Wkst, microx- fnx, 2nd ReX, sm Fr pp por &
IX por w/FLR, VSISFOI, Vrr Pkst w/ Fr por. Trc Gd vug por, IX por, sat
O. STN FLR, VSISFOI & Gas Bubs, odor.

SH: Bk carb- v. carb.

LS: Gy-Bn, microx Mdst- Wkst, Rr Fracs & Edg's w/FLR, VSISFOI &
Gas Bubs, sm argil.

SH: Gy-Bk, sm carb.

LS: om-Tn-Gy, microx- fnxn, Rr Pkst- Wkst, VPr- Fr por, pp- vug por
w/sp'd O. STN & FLR, VSISFOI. Pred dn Mdst- Wkst w/VP- NV por.

SH: Bk carb Gy & gn-Gy (sm Sd: AA)

LS: Gy-Bn-Tn, microx- fnxn, Rr Pkst w/VP- Fr por, VSISFOI & FLR.

LS: Om-Tn, microx- fnxn Pkst- Wkst, sm fos, sm chky, sm s'dolomc,
Rr fnxn w/VP- Fr por, brt FLR & SFOI & Gas Bubs.

LS: Mdst- Wkst, microx- fnx, Rr micro- Frac/Edg por w/brt substat- sat
FLR, VSISFOI.

SH: Bk v. carb- carb, fis.

LS: Tn-om, microx- fnx, Pred dn Mdst- Wkst w/VP- NV por. Trc micro-
Frac/Edg- micac por w/FLR: AA, Trc SFOI.

LS: Tn-om, microx- fnx, Rr Wkst & wh- chky LS w/VP- Fr por. Vrr
FLR, Trc SFOI. Pred dn Mdst w/VP- NV por.

LS: Tn-Gn, microx-fnx, Pred dn Mdst w/VP- NV por. Tro SFOIL.
Frac Edg - micro por w/FLR: AA, Tro SFOIL.

LS: Tn-Gn, microx-fnx, Rr Wkst & wh- chky LS w/VP- Pr por. Vrr FLR, Tro SFOIL. Pred dn Mdst w/VP- NV por.

SH: Blk carb- v. carb.

LS: Tn-Gy dn Mdst & Wkst w/VP- NV por.

SH: Blk carb- v. carb
Silt: gn-Gy, sm s ndy & SS: gn-Gy, vfn Gr'd silty, micao. Vrr fn Gr'd, well omd'd, micao w/VP- Pr por.

Silt: dk-Lt Gy, micao silt: AA. &
SH: Blk carb & sub-carb.

-3200
SH: Blk carb & Silt: AA

LS: Tn-Gn, microx- dn Mdst, Rr fnx- 2nd ReX, Pred dn w/VP- NV por.
Vrr Sd Clust: AA & SH: AA & gn-Gy SH. Silt: AA & gn-Gy micao.

LS: Gy-Tn, cryptox- fnx dn Mdst.

SH: Blk carb. sm coal
SS: Lt Gy-Wh gn-Gy, Transl, Vfn- fn Gr'd, Vrr prt Md Gr'd, sub rnd'd to angl, well- mod s ort'd, pred silty, micao. Vrr frbl w/Fr- Gd por w/FLR, SFOIL & Gas Bubs & cut. Tro crs Gr's, Prs ort'd. Vrr dn, well s ort'd clust w/Fr- Gd por w/NSFO- NGBB. Tro sat FLR, SISFOIL, Gd Show Gas Bubs.

Pred SH: Blk carb & sub-carb & dk- med Gy & gn-Gy & Silt: Lt Gy & gn-Gy, Vrr pyrto.

LS: dk Gy-Bn, argil dn hd Mdst.

-3300
SH: Iners Blk carb & v. carb & sm coal.

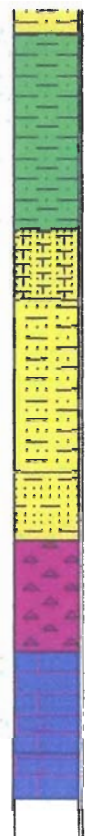
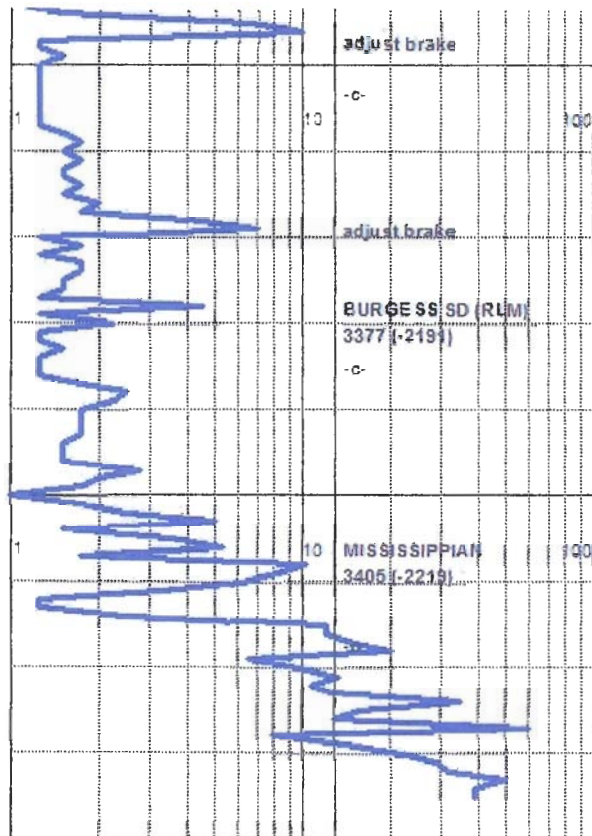
Silt: Gy-Bn-Blk, micao, s ndy, Vfn- fn Gr'd, Vrr Sd Clust: AA & Gy-Wh- Transl Vfn- fn Gr'd. Tro md Gr'd, well omd'd, Tro pyrto.

Silt: dk- Lt Gy, Vfn (s ndy) Gr'd, micao (Tro Sd Clust: AA). & SH: Blk carb, sm micao, sm pyrto. Vrr Sd Clust: Gy-Wh, Vfn- fn Gr'd, submd-subangr, well omd'd- subfrbl w/Fr- Fr por.

Silt: Lt Gy & gn-Gy, micao, sm s ndy

SH: Blk carb- subcarb & Gy-Blk.
Silt: dk- Lt Gy, micao
(Vrr Sd: AA, Vrr LS: AA)

Silt: AA. Vrr Sd Clust: AA.



Silt: Lt Gy & gn-Gy, micac, sm andy

SH: Bk carb- subcarb & Gy-Bk.
Silt: dk- Lt Gy, micac
(Vrr Sd:AA, Vrr Ls: AA)

Silt: AA, Vrr Sd Clust: AA.

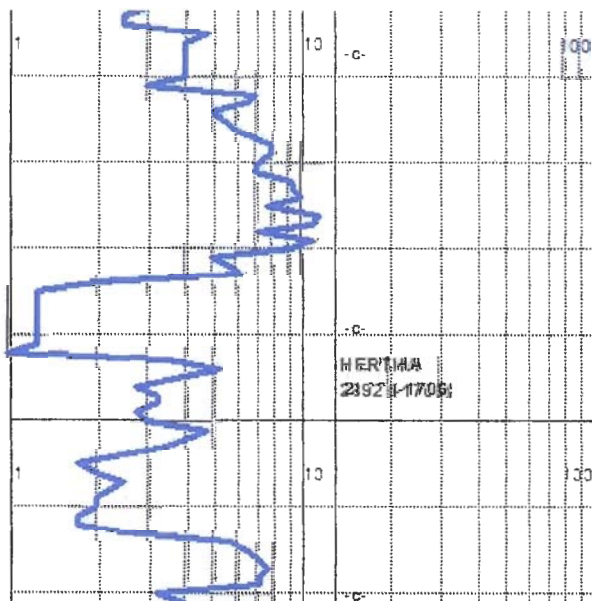
SS- Sd Clust: dk Gy- Trans, Vrr- fr Gr'd w/Vrr md Gr's, angl- subrnd'd, silty, shly w/Pr- Fr por. Rr Gd por. Abndt subest- sat brt FLR. S- Fr SFoil & Gas Bubs, Frly strng cscr. Siltors

-3400 Siltors Sd Vrr Mes Chert in 3410' spl.

Chart: Wh-on-Tn & blu-Gy, ~ 10% trlpw/Pr- Gd vug por & pp por. sp'd- subest O.STN, brt FLR, ~10% slwthr d/w/Edgs w/O.STN & FLR, SIFSFOIL, S- Fr Show Gas Bubs, ~90% frsh shrp opaq chert w/VPr- NV por.

Ls: om-Tn, microxln- vfnxn dolomo & dn Mdst, sm silic & frsh chert. Fred frsh chert: Gy-Tn-on-Wh, opa, shrp. Vrr wthr'd cherty Ls.

Ls: AA, Fred dn Mdst & microxln dolomo Ls. Fred frsh chert: AA.



(Vrr Sd Clusters: AA, NS.)

Ls: om-Tn-Gy, microx-fnxln, Rr (Rare) Pkst-Gst w/Pr- Fr por: pp por, IIGr por, IX por. Vrr (Very Rare) VSIFSFOIL & Gas Bubs, brt FLR, VLT O.STN, VSicut, sl' odor. Silt cherty, sm argil Ls.

Ls: Gy-Bn-Tn, microx- Rr fnx- dn Mdst-Wkst, sm argil, Fred Pr- NV por. Vrr micra- Fracs & Edgs w/FLR, Tro SFoil & Gas Bubs.

SH: Bk carb- V. carb. ~70 Unit Gas Kick

-2910

Ls: om-Tn, microx-fnxln w/Pr- Fr IX por w/FLD, SIFSFOIL & cut w/SI O.STN & Mdst Wkst w/micra- Fracs por & pp por w/brt FLR, VSIFSFOIL & Gas Bubs.

SS: Frly Abndt Sd Clusters: Vrr- fr Gr'd, md'd- angl, sm frib w/Pr- Gd IIGr por. Tro SFoil & Gas Bubs. Fred barren. Abndt well omd' micac silty w/Pr- NV por & SH: Bk carb, Gy-Bk & gn-Gy.

Ls: Gy-Tn-on, fred dn Mdst-Wkst w/VPr- NV por.

Ls: om-Tn (Gy) dolomo, Fred dn Mdst & microxln dolomo Ls. Fred frsh chert: AA.