

8/30/93 RAP "L.F." #43-32-65 Tool In: 02:15  
2367'N 1009'W Frm SE Cor Tool Out: 04:38  
DIL-GR, LDT-CNL-GR, FMS-GR, SWS  
30 Shot gun. Rec. 29 shots, 1 Miss-fire. All Sam.s measured  
on DIL.

Notes:

1. Pulled first five shots, max. tension 738# @ 1904:
2. After 5 shots, operator pulled then set back down which  
changed tension. No pull over 200#.
3. All Samples had gun powder smell.

All Samples described wet:

1905' - 20cc. rec. 40% Sam.: lt.-m. gy, uncons., vf, w.  
srtd, occ. lt. grn. hue, sl. fri, ang., sl. calc., gen. floc.  
clay w/mois., pred. S&P Arkosic Sand: dom. wht, occ clear  
qty: ang, fn., mnr. wht fspr, clvg not discernable, mnr: lt.  
grn min.?, fn, ang-sl. sbang., tr-r biot, r alt of clay, w  
hyd, sol, film on gr.

1904' - 50cc. Rec 100%, 2 segment: clay oder, Sam.: m. gy.,  
more s & p than 1905', uncons - sl. cons., gr/gr cont, cmpt,  
r elng, vf. occ fn, w.srtd Arkosic Sand: R lt. grn hue.,  
sl. calc., w. hyd, sbang., r clay film: wht, sft, w.hyd

1902' - 45cc. Rec 95%, 1 seg., Sam.: lt-m gy, mas, cmpt,  
ang., w. srtd, occ-R. fn. biot Arkosic Sand. Pred. wht,  
ang, cmpt, xln, qtz, tr. wht, ang, fri, fspr., R fn, cren,  
blk-grn-brn, frm-hd, occ v brit, stn biot, R carb mat,  
elong, fri-bit, vf-fn, R gn hue on sd grn., vr rd - rd/brn,  
vf, brit, bot, vol. chps. tr-r wht, sft clay, sam. sl. calc.  
vr anhedral pyr: vf, frm-hd, dism.

1895' - 40cc. Rec. 90%, 4 seg., Sam.: lt-m gy, uncons, w to  
mod w srtd, vf, r fn, ang, gr/gr contact Arkosic Sand. vr  
wht cly, grn stn on sd grn., Pred. wht, r clean qtz/fspr:  
ang, occ-tr sbang, r sbrd, cmpt - sl elong., com biot:

approx. 10%, blk, alt to grn, com fn, tr m-crs, hd, occ brit,  
cren, no ptrn, tex. cren, frm-hd, grn stn alt biot/fspr.  
to chlorite: sft, r rd to rd-brn sft lim? or altered biot,  
less likely vol. rk.; r yel, ang, vf epidote, r f-m grn  
muscovite: clr, frm, occ brit, cren, r dism w/ pyr.

1887' - 30cc. 50% Rec. 75'/hr ROP, Sam.: m gy, hd, uncons, w.  
srtd, calc, gen cmpt, strkd w/ blk and grn hues, pred  
Arkosic sand, dom wht, cmpt-sl elong, ang, com blk-sl grn  
biot/chlor: mnr crs grn, com fn, R vf.

1884' - 20cc. 30% rec., 15'/hr., Sam.: lt-m gy, com sft, w  
srtd, uncons, v. fri, occ strks rd grn hues, mott Arkosic  
Sand: , Pred wht, cmpt, xln, fn grn, r pit, ang, qtz w/ com  
wht, sl alt to kao, cly film, sbang, gen cmpt, occ elng  
fspr.: fn, r vf, w. srtd, com biot: blk, com stain rd, tr  
vf musc, R red, brick, cmpt, ant. vol frag.? R cmpt, ang,  
epidote, com yel, R vf-fn anhedral pyr dism w/qtz, mica.

1878' - 25cc. 30% rec., 75'/hr., 55 units, Sam.: lt-m gy,  
S&P Arkosic Sand: uncons, sft, v. fri. pred wht, ang, r  
clear, cmpt, sl plty qtz/feldspac, tr biot: fn, occ crs, frm  
- hd, com stn, r musc: m-crs, frm, t vf rd-brn, com cmpt,  
occ elong. v little grn in this Sam..

1872' - 30cc. 50% Rec., 1 seg., 30'/hr., 60 units, Sam.:  
lt gy, uncons, frm in pt, w-mod sortd Arkosic Sand, sl calc,  
mnr - tr biot, r red grag, r dism w/ qtz grn pyr.

1870' - 22cc, 30% rec., 1 seg., v. fri, 20'/hr, 40 units,  
Sam.: m gy, sft, uncons, cly, grn/grn cont Arkosic sand:  
w. srtd, v. mnr wht cly, v. sl. slty, mod hyd, pred  
qtz/fspr: wht, cmpt, xln, cmpt, r biot: vf - fn, ang,

plty, occ sl cmpt, com stn to brn, no grn stn, r grn gr, no  
mott.

1864' - 30 cc, 50% rec. broken up, m-sl dk gy, uncons, not  
opened due to fri.

1855' - No rec.

1851' - 25cc, 30% rec. 1 seg., 25'/hr. 62 units, Sam.: m-dk  
grn gy, frm, semicons, mott grn, lt gry Arkosic Sandstone:  
w srtd, grn/grn cont., gen. cmpt, occ elong, ang, r sbang.,  
mnr. grn stn/grns, com ~10% dk brn biot: fn, occ crs, r vfn.,  
sft-sl frm, r amber, rd brn, grns. r wht calc Ss: hd, occ  
S&P, brit, appears lam. r. pyr riblons on biot chps. r yel,  
shny epidote.

1845' - 30cc, 65% rec., 2 seg., 24'/hr, 40 units, Sam.: m.  
gy, frm, no oder, arkosic sand: mnr-com. wht - sl gry,  
sft, kaol. com. blk, brn, grn biot: fn, occ crs, brit, stn,  
cren. r blk, sft carb chps, v dirty Sam.. Com grn. vf grn.?

1843' - 35cc, 70% rec., 1 seg., 40'/hr., 78 units, Sam.:  
broke in half when taken out of bottle. Sam.: m-dk gy,  
uncons, frm, com fri Arkosic Sand, mnr visable cly: lite  
gy, sft, w hyd: w srtd, vf, sl slty, dom gy, r grn gr, no  
mott. qtz: ang, vf-fn, cmpt, xlin, vis fldps: wht, sbang,  
cly sheen, cleav. com, alt to wht kaol., biot <5%, fn grain,  
r m grn, dirty Sam. from cly.

1840' - 32cc, 50% rec., 1 seg., 60 units, com lt grn hue, gen  
mas, Arkosic Sand, inc. amt. mica and alt grn stain grains  
(chlor), inc. amts. to 15% of total Sam..

1838' - 20cc, v. broken up, 72 units, 43'/hr Sam.: lt  
grn/gy, occ m gy, v. fri, sft in pt., v. dirty, uncons, mod  
w srtd, grn/grn contact, good to excel. P/P, pred arkosic  
sand, com grn, vf-f, sbang, cmpt, r elong grains (Chlor?)  
com-abndt biot, r muscovite

1836' - 34cc, 70% rec. 55'/hr, 75 units, Sam.: dk gry, frm,  
ccm-totally mud covered, v. dirty, com grn, disern to sl.  
mott, inc. amts of grnsih wht clay, sl calc Arkosic  
Sandstone: sft, mod w hyd, slty in pt, abndt biot: grn fm  
grned, cren, stned/alt., mnr-tr. dism pyr w/qtz, mica. r  
orange, bot, vol. frg.

1835' - 33cc, 60% rec. Sam.: md grn/gy, v. dirty, com biot,  
grn chlor grn, no evd of clay, sl. calc in pt, maybe SS grns.  
pred arkosic sand: vf-fn, w srtd, ang, calc, cmpt.

1834' - 35cc, 60% Sam.: lt grn/gy, occ m gy, v. fri, sft in  
pt., v. dirty, uncons, mod w srtd, grn/grn contact, good to  
excel. P/P, pred arkosic sand, com grn, vf-f, sbang, cmpt,  
r elong grains (Chlor?) com-abndt biot, r muscovite

1833' - 20cc, 50% rec. Sam.: lt grn gy, uncons, v. fri,  
dirty, inc. amts of silt. Pred Arkosic Sand: mod srtd, sl  
calc, mnr wht, lt gy sft, sol, w hyd cly, cly mtx, no longer  
grn supported., com. fsprs: wht, ang-sbang, r Biot, no grn  
grains. Inc pyr.

1830' - 22cc, 30% rec. Sam.: m. grn, occ lt gy, v. dirty,  
cons, v. calc, frm, occ hd, w srtd, pred Arkosic Sandstone:  
w srtd, slty, com grn chlor grns: ang, occ sbang, sl sbrd,  
vf - fn,.

1824' - 50cc, 100% rec. Sam.: dk gry, hd, mud covered,  
Mudstone, mnr grn glauc pellitoid, first occurance, rd,  
elong, hd, no calc, occ bluish green,

1821' - 50cc+, 100% rec., 1 seg. Sam.: dk grnsh gy, frm-  
hd, pred: dk grn claystone, very wxy, sft, sm, fri, ply hyd,  
sl calc, mnr grn pellitoids, rnd, hd, fn, glauc.

1820' - 47cc, 95% rec., 1 seg. 100'/hr., 15 units Sam.: dk  
brn, occ-sl grn brn, hd-frm, v. shiny, wxy, grn glauc  
pellitoids, upon frac surface appears slickd.

1807' - 40cc, 90% rec., 2 seg., 120'/hr., 10 units, Sam.: m  
gy, hd, mnr. fn grd biot, sl wxy, sl slty, no visible sand,  
Pred dk rd-brn cly.

1720' - 50cc, 100%, 3 seg., Sam.: lt-md gy, frm-hd, sl wxy,  
ply hyd, sl calc mudstone, r grn glauc oolid.

1650' - 45cc, 80%, 1 seg., Sam.: mudstone: lt gry, frm, ply  
hyd, sl sndy, vf qtz gr.

1450' - 40 cc, 65%, 4-5 seg., Sam.: md gy, brit, mod frm,  
ply hyd, non-calc. pred siltstone: dk gy, sandy, frm.