TRANS PACIFIC OIL CORPORATION

TRANS PACIFIC OIL

API # 15-163-24226

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

Geologist on Well Bryce Bidleman

LEASE Kollman Trust 'A' Unit #1-22

FIELD Wildcat

LOCATION 1250' FNL & 1340 FEL

SEC 22 TWSP 6S RGE 18W

COUNTY Rooks STATE Kansas

CONTRACTOR Shields

SPUD 8/11/2014 COMP 8/20/2014

RTD 3918 LTD 3920

MUD UP 2800 TYPE MUD CHEMICAL

SAMPLES SAVED FROM 2800 TO RTD

DRILLING TIME KEPT FROM 1800 TO RTD

SAMPLES EXAMINED FROM 2800 TO RTD

GEOLOGICAL SUPERVISION FROM 2600

REFERENCE WELL Sanders #1-26, Sec26-6S-18W

ELEVATIONS

KB 1963

DF

GL 1958

Measurements Are All From Kelly Bushing

CASING

CONDUCTOR

SURFACE 8-5/8" @ 218'

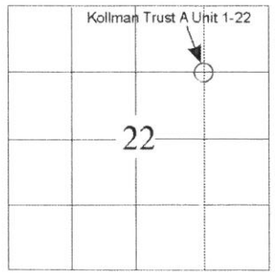
PRODUCTION

ELECTRICAL SURVEYS

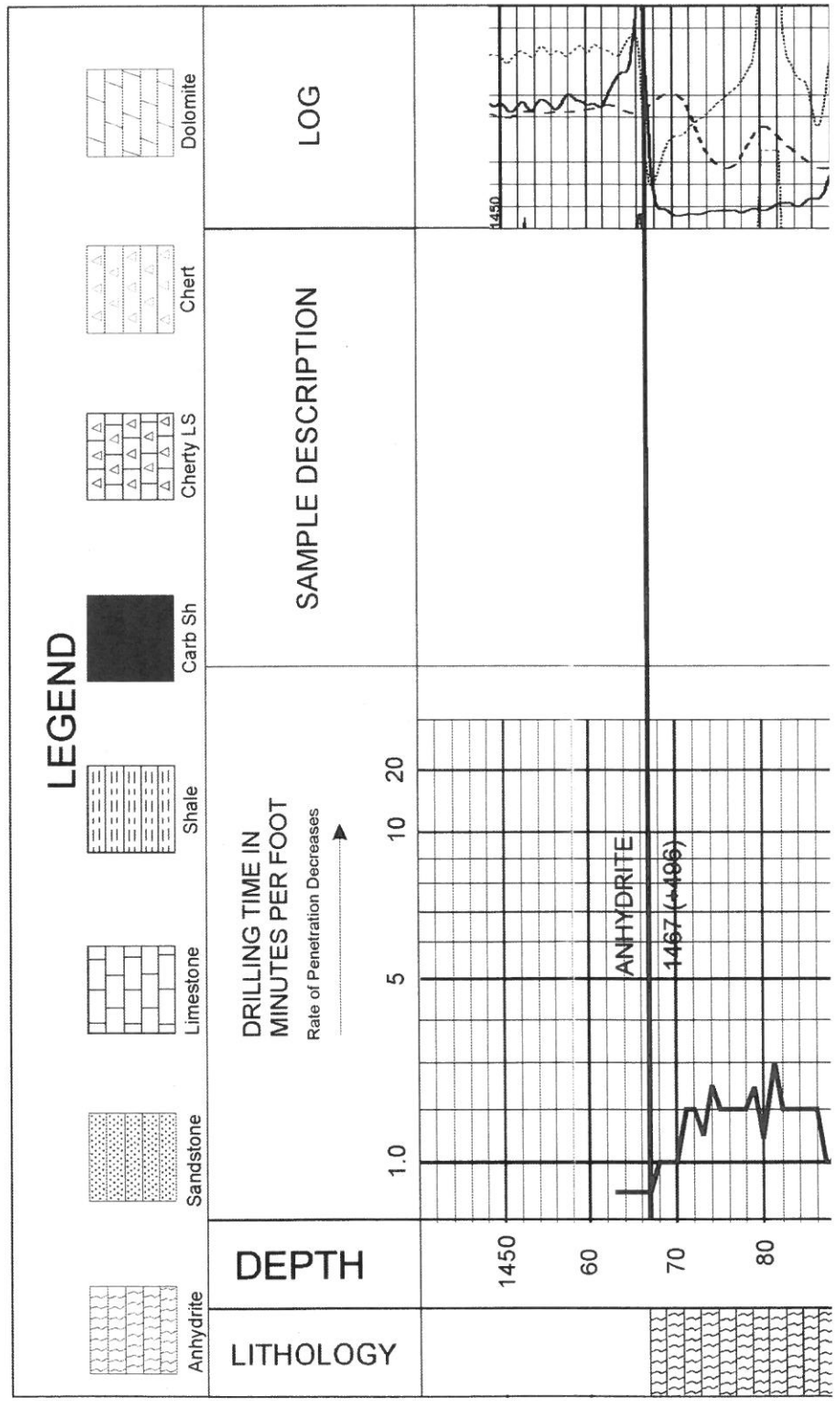
DIL, DUCP, MIC, SONIC, PE

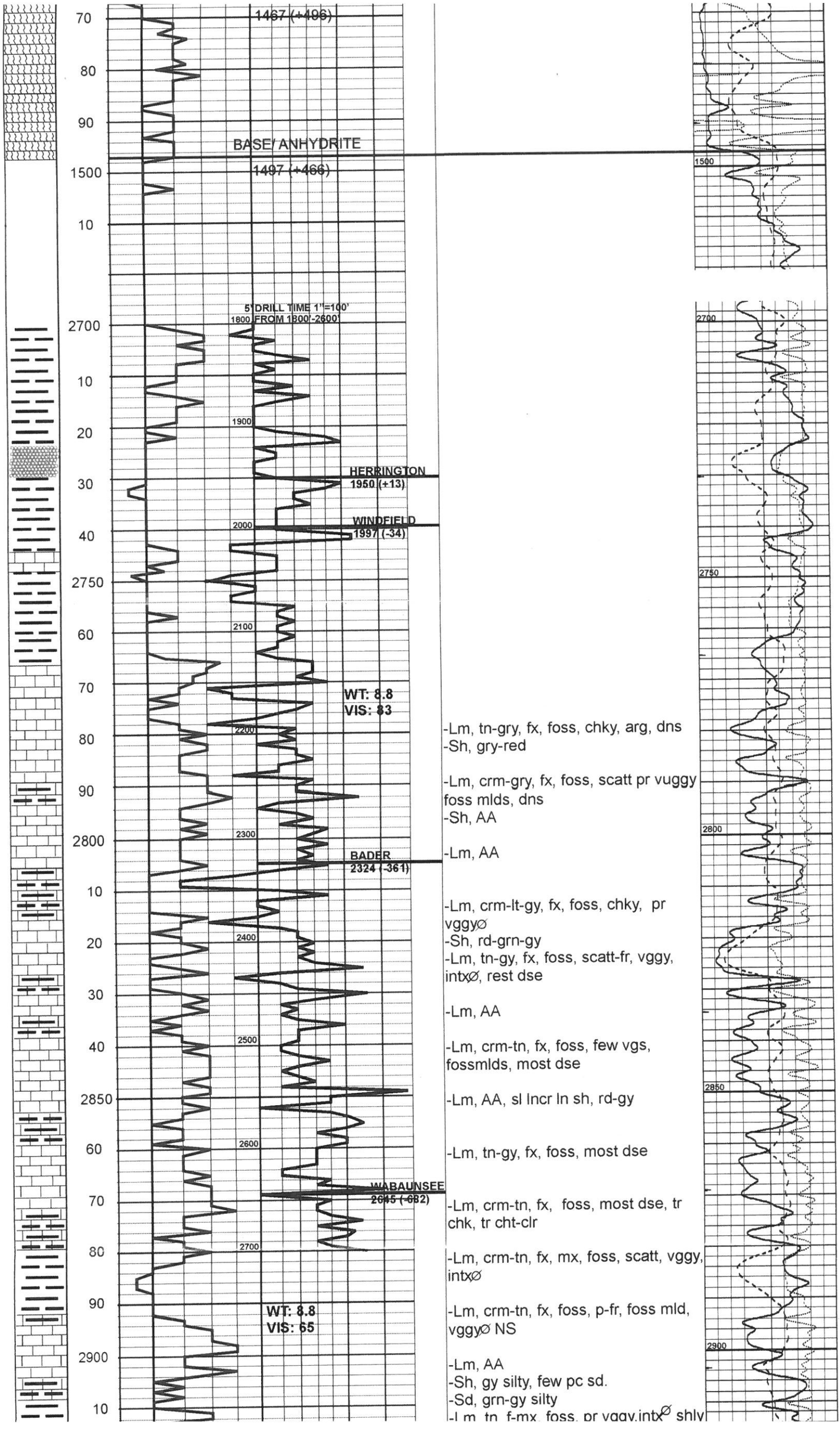
NABORS

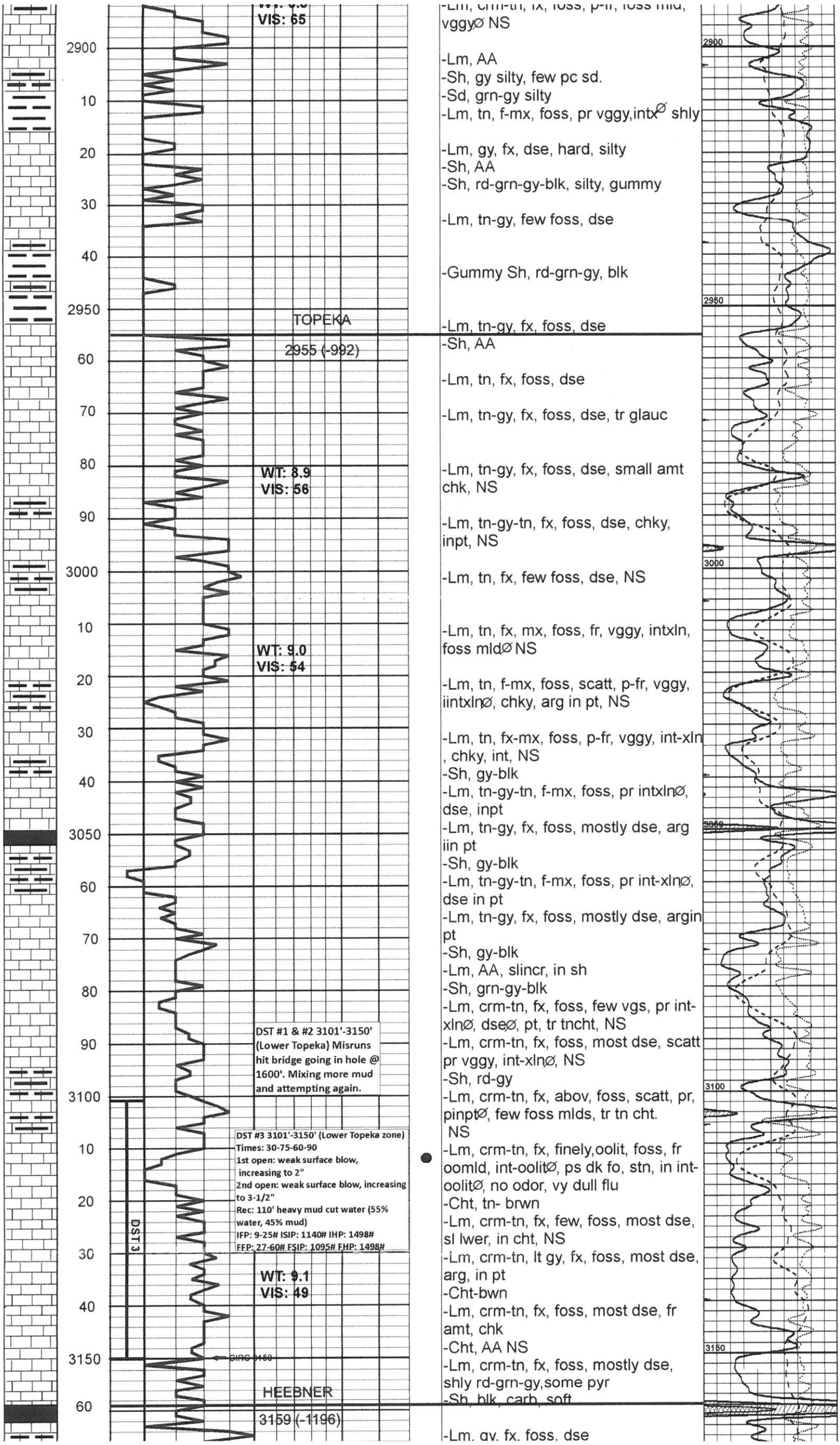
Formation	Sample Tops	E-log Tops	Struct Pos.
Anhydrite	1467 (+496)	1467 (+496)	-2
Base Anhydrite	1497 (+466)	1497 (+466)	+1
Topeka	2955 (-992)	2955 (-992)	-1
Heebner	3159 (-1196)	3159 (-1196)	+3
Lasning	3204 (-1241)	3203 (-1240)	+3
BKC	3429 (-1466)	3428 (-1465)	+6
Arbuckle	3561 (-1598)	3559 (-1596)	+51
Reagan Sand	3863 (-1400)	3865 (-1402)	NA
Precambrian	3890 (-1927)	3885 (-1922)	NA

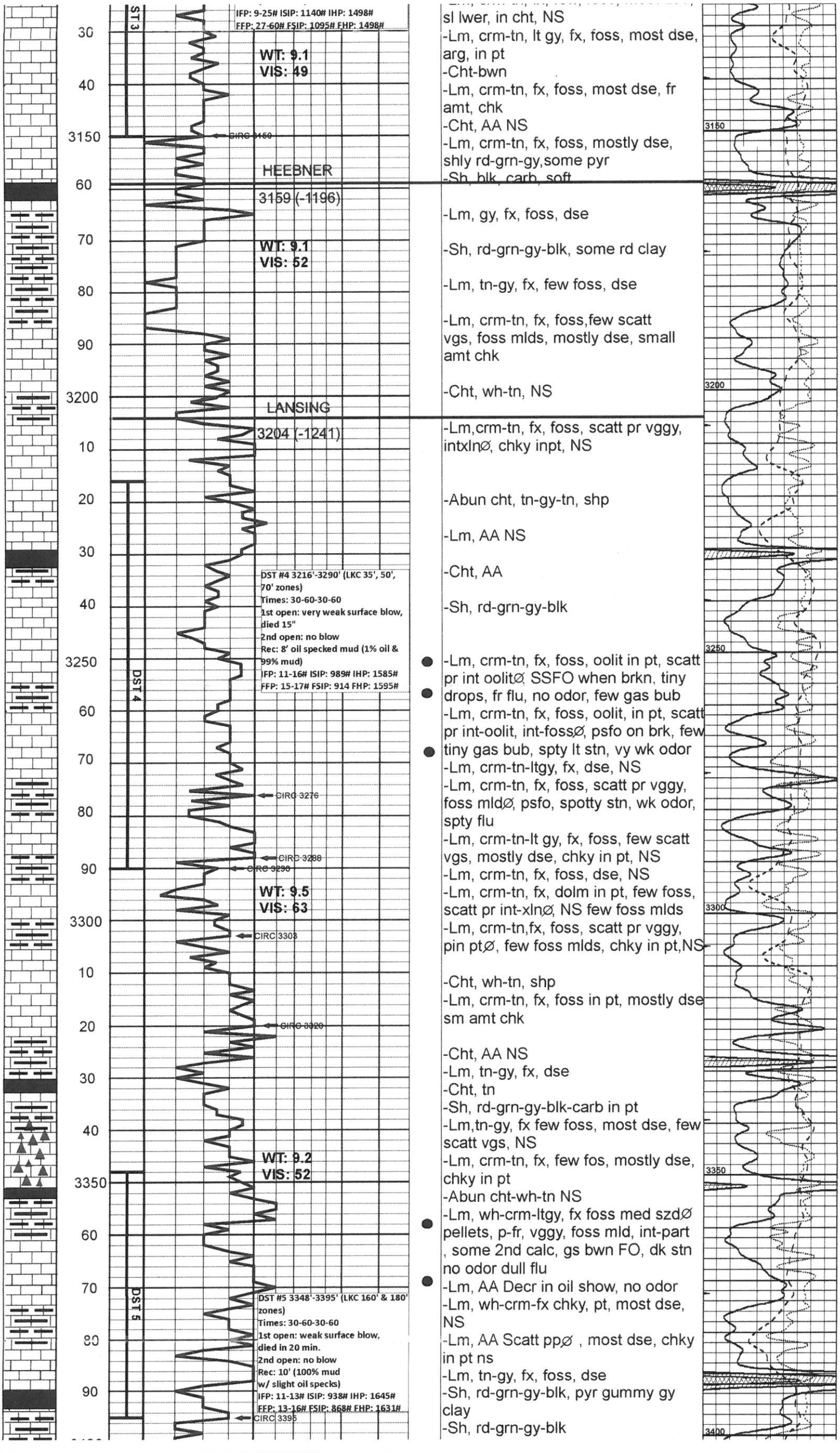


REMARKS The Kollman Trust A Unit exhibited only minor thinning in the Anhydrite to Heebner interval. Seismic data indicated about 5 milliseconds of thinning on Anhydrite to Heebner isochron maps but only 5 feet of thinning was realized when drilled. All zones in the Topeka and Lansing-Kansas City Groups were watched for shows of oil and all shows were evaluated by drill stem testing, with negative results. It was hoped thinning at this location would enhance zones development in in the Lansing-Kansas City but visual sample examination in key zones showed poor porosity development. The interval from BKC to Arbuckle thinned an additional 47' feet when compared to the reference well resulting in a an Arbuckle datum 54 feet high to the reference well but no shows were seen in the drilling samples. Electric logs did not indicate any untested pays in the well so the decision was made to plug and abandon the Kollman Trust A Unit #1-22.




1467 (+496)
BASE/ ANHYDRITE
1497 (+466)
5" DRILL TIME 1"=100'
FROM 1800'-2600'
HERRINGTON
1950 (+13)
WINDFIELD
1997 (-34)
WT: 8.8
VIS: 83
BADER
2324 (-361)
WABAUNSEE
2645 (-682)
WT: 8.8
VIS: 65
-Lm, tn-gry, fx, foss, chky, arg, dns
-Sh, gry-red
-Lm, crm-gry, fx, foss, scatt pr vuggy foss mlds, dns
-Sh, AA
-Lm, AA
-Lm, crm-lt-gy, fx, foss, chky, pr vggyØ
-Sh, rd-grn-gy
-Lm, tn-gy, fx, foss, scatt-fr, vggy, intxØ, rest dse
-Lm, AA
-Lm, crm-tn, fx, foss, few vgs, fossmlds, most dse
-Lm, AA, sl lncr ln sh, rd-gy
-Lm, tn-gy, fx, foss, most dse
-Lm, crm-tn, fx, foss, most dse, tr chk, tr cht-clr
-Lm, crm-tn, fx, mx, foss, scatt, vggy, intxØ
-Lm, crm-tn, fx, foss, p-fr, foss mld, vggyØ NS
-Lm, AA
-Sh, gy silty, few pc sd.
-Sd, grn-gy silty
-Lm, tn, f-mx, foss, pr vggy,intxØ shly


VIS: 65
2900
10
20
30
40
2950
TOPEKA
2955 (-992)
60
70
80
WT: 8.9
VIS: 56
90
3000
10
WT: 9.0
VIS: 54
20
30
40
3050
60
70
80
90
3100
DST #1 & #2 3101'-3150' (Lower Topeka) Misruns hit bridge going in hole @ 1600'. Mixing more mud and attempting again.
DST #3 3101'-3150' (Lower Topeka zone)
Times: 30-75-60-90
1st open: weak surface blow, increasing to 2"
2nd open: weak surface blow, increasing to 3-1/2"
Rec: 110' heavy mud cut water (55% water, 45% mud)
IFP: 9-25# ISIP: 1140# IHP: 1498#
FFP: 27-60# FSIP: 1095# FHP: 1498#
10
20
DST 3
30
WT: 9.1
VIS: 49
40
3150
CIRC 3150
HEEBNER
60
3159 (-1196)
-Lm, crm-tn, fx, foss, p-fr, foss mld, vggyØ NS
-Lm, AA
-Sh, gy silty, few pc sd.
-Sd, grn-gy silty
-Lm, tn, f-mx, foss, pr vggy,intxØ shly
-Lm, gy, fx, dse, hard, silty
-Sh, AA
-Sh, rd-grn-gy-blk, silty, gummy
-Lm, tn-gy, few foss, dse
-Gummy Sh, rd-grn-gy, blk
-Lm, tn-gy, fx, foss, dse
-Sh, AA
-Lm, tn, fx, foss, dse
-Lm, tn-gy, fx, foss, dse, tr glauc
-Lm, tn-gy, fx, foss, dse, small amt chk, NS
-Lm, tn-gy-tn, fx, foss, dse, chky, inpt, NS
-Lm, tn, fx, few foss, dse, NS
-Lm, tn, fx, mx, foss, fr, vggy, intxln, foss mldØ NS
-Lm, tn, f-mx, foss, scatt, p-fr, vggy, iintxlnØ, chky, arg in pt, NS
-Lm, tn, fx-mx, foss, p-fr, vggy, int-xln , chky, int, NS
-Sh, gy-blk
-Lm, tn-gy-tn, f-mx, foss, pr intxlnØ, dse, inpt
-Lm, tn-gy, fx, foss, mostly dse, arg iin pt
-Sh, gy-blk
-Lm, tn-gy-tn, f-mx, foss, pr int-xlnØ, dse in pt
-Lm, tn-gy, fx, foss, mostly dse, argin pt
-Sh, gy-blk
-Lm, AA, slincr, in sh
-Sh, grn-gy-blk
-Lm, crm-tn, fx, foss, few vgs, pr int-xlnØ, dseØ, pt, tr tncht, NS
-Lm, crm-tn, fx, foss, most dse, scatt pr vggy, int-xlnØ, NS
-Sh, rd-gy
-Lm, crm-tn, fx, abov, foss, scatt, pr, pinptØ, few foss mlds, tr tn cht. NS
-Lm, crm-tn, fx, finely,oolit, foss, fr oomld, int-oolitØ, ps dk fo, stn, in int-oolitØ, no odor, vy dull flu
-Cht, tn- brwn
-Lm, crm-tn, fx, few, foss, most dse, sl lwer, in cht, NS
-Lm, crm-tn, lt gy, fx, foss, most dse, arg, in pt
-Cht-bwn
-Lm, crm-tn, fx, foss, most dse, fr amt, chk
-Cht, AA NS
-Lm, crm-tn, fx, foss, mostly dse, shly rd-grn-gy,some pyr
-Sh, blk, carb, soft
-Lm, gy, fx, foss, dse
2900
2950
3000
3050
3100
3150



sl lwer, in cht, NS
-Lm, crm-tn, lt gy, fx, foss, most dse, arg, in pt
-Cht-bwn
-Lm, crm-tn, fx, foss, most dse, fr amt, chk
-Cht, AA NS
-Lm, crm-tn, fx, foss, mostly dse, shly rd-grn-gy,some pyr
-Sh, blk, carb, soft

-Lm, gy, fx, foss, dse

-Sh, rd-grn-gy-blk, some rd clay

-Lm, tn-gy, fx, few foss, dse

-Lm, crm-tn, fx, foss,few scatt vgs, foss mlds, mostly dse, small amt chk

-Cht, wh-tn, NS

-Lm,crm-tn, fx, foss, scatt pr vggy, intxlnØ, chky inpt, NS

-Abun cht, tn-gy-tn, shp

-Lm, AA NS

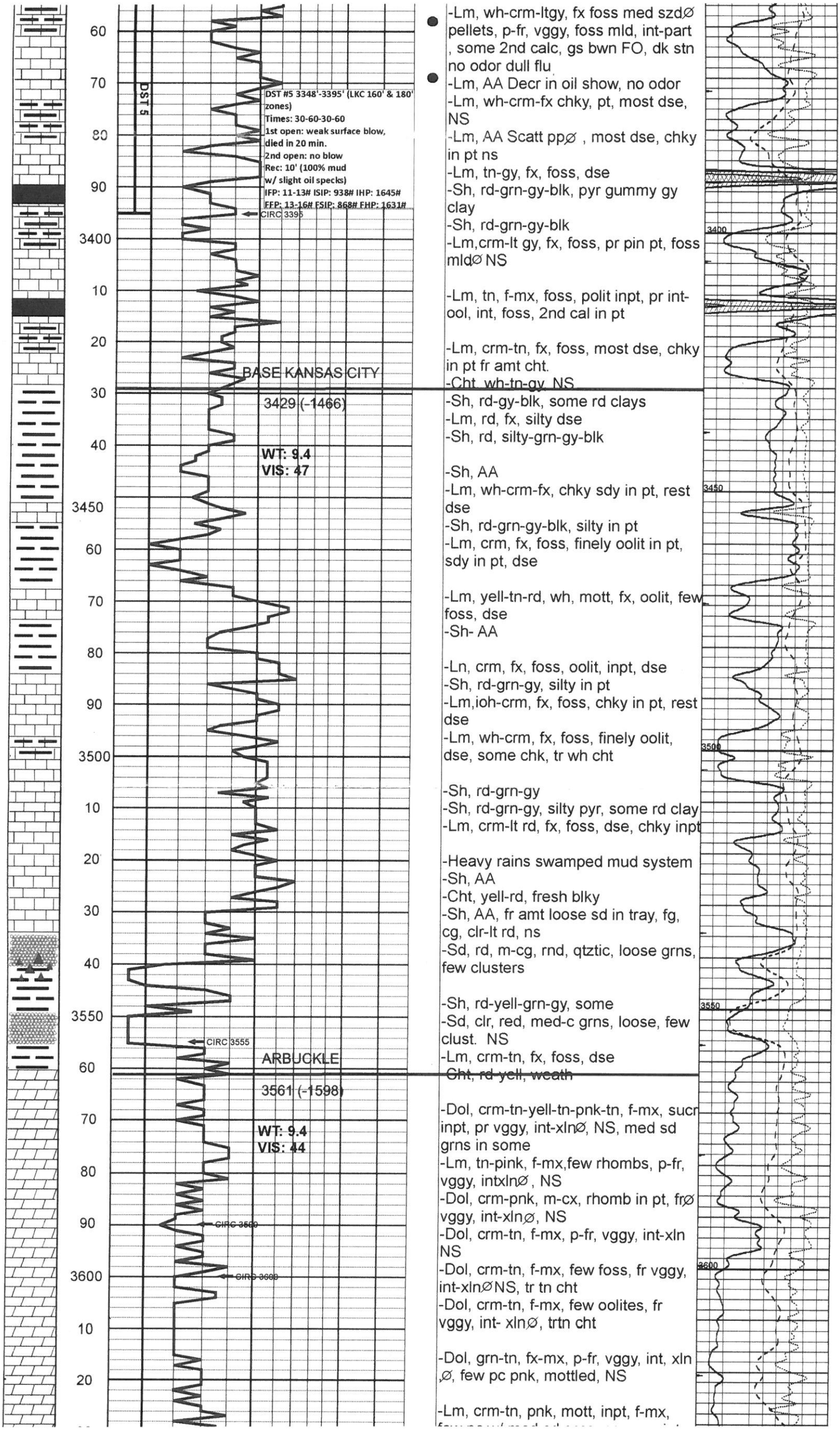
-Cht, AA

-Sh, rd-grn-gy-blk

-Lm, crm-tn, fx, foss, oolit in pt, scatt pr int oolitØ, SSFO when brkn, tiny drops, fr flu, no odor, few gas bub
-Lm, crm-tn, fx, foss, oolit, in pt, scatt pr int-oolit, int-fossØ, psfo on brk, few tiny gas bub, spty lt stn, vy wk odor
-Lm, crm-tn-ltgy, fx, dse, NS
-Lm, crm-tn, fx, foss, scatt pr vggy, foss mldØ, psfo, spotty stn, wk odor, spty flu
-Lm, crm-tn-lt gy, fx, foss, few scatt vgs, mostly dse, chky in pt, NS
-Lm, crm-tn, fx, foss, dse, NS
-Lm, crm-tn, fx, dolm in pt, few foss, scatt pr int-xlnØ, NS few foss mlds
-Lm, crm-tn,fx, foss, scatt pr vggy, pin ptØ, few foss mlds, chky in pt,NS

-Cht, wh-tn, shp
-Lm, crm-tn, fx, foss in pt, mostly dse sm amt chk

-Cht, AA NS
-Lm, tn-gy, fx, dse
-Cht, tn
-Sh, rd-grn-gy-blk-carb in pt
-Lm,tn-gy, fx few foss, most dse, few scatt vgs, NS
-Lm, crm-tn, fx, few fos, mostly dse, chky in pt
-Abun cht-wh-tn NS
-Lm, wh-crm-ltgy, fx foss med szdØ pellets, p-fr, vggy, foss mld, int-part , some 2nd calc, gs bwn FO, dk stn no odor dull flu
-Lm, AA Decr in oil show, no odor
-Lm, wh-crm-fx chky, pt, most dse, NS
-Lm, AA Scatt ppØ , most dse, chky in pt ns
-Lm, tn-gy, fx, foss, dse
-Sh, rd-grn-gy-blk, pyr gummy gy clay
-Sh, rd-grn-gy-blk



-Lm, wh-crm-ltgy, fx foss med szdØ pellets, p-fr, vggy, foss mld, int-part , some 2nd calc, gs bwn FO, dk stn no odor dull flu

-Lm, AA Decr in oil show, no odor

-Lm, wh-crm-fx chky, pt, most dse, NS

-Lm, AA Scatt ppØ , most dse, chky in pt ns

-Lm, tn-gy, fx, foss, dse

-Sh, rd-grn-gy-blk, pyr gummy gy clay

-Sh, rd-grn-gy-blk

-Lm,crm-lt gy, fx, foss, pr pin pt, foss mldØ NS

-Lm, tn, f-mx, foss, polit inpt, pr int-ool, int, foss, 2nd cal in pt

-Lm, crm-tn, fx, foss, most dse, chky in pt fr amt cht.

-Cht, wh-tn-gy, NS

-Sh, rd-gy-blk, some rd clays

-Lm, rd, fx, silty dse

-Sh, rd, silty-grn-gy-blk

-Sh, AA

-Lm, wh-crm-fx, chky sdy in pt, rest dse

-Sh, rd-grn-gy-blk, silty in pt

-Lm, crm, fx, foss, finely oolit in pt, sdy in pt, dse

-Lm, yell-tn-rd, wh, mott, fx, oolit, few foss, dse

-Sh- AA

-Ln, crm, fx, foss, oolit, inpt, dse

-Sh, rd-grn-gy, silty in pt

-Lm,ioh-crm, fx, foss, chky in pt, rest dse

-Lm, wh-crm, fx, foss, finely oolit, dse, some chk, tr wh cht

-Sh, rd-grn-gy

-Sh, rd-grn-gy, silty pyr, some rd clay

-Lm, crm-lt rd, fx, foss, dse, chky inpt

-Heavy rains swamped mud system

-Sh, AA

-Cht, yell-rd, fresh blky

-Sh, AA, fr amt loose sd in tray, fg, cg, clr-lt rd, ns

-Sd, rd, m-cg, rnd, qtztic, loose grns, few clusters

-Sh, rd-yell-grn-gy, some

-Sd, clr, red, med-c grns, loose, few clust. NS

-Lm, crm-tn, fx, foss, dse

Cht, rd-yell, weath

-Dol, crm-tn-yell-tn-pnk-tn, f-mx, sucr inpt, pr vggy, int-xlnØ, NS, med sd grns in some

-Lm, tn-pink, f-mx,few rhombs, p-fr, vggy, intxlnØ , NS

-Dol, crm-pnk, m-cx, rhomb in pt, frØ vggy, int-xlnØ, NS

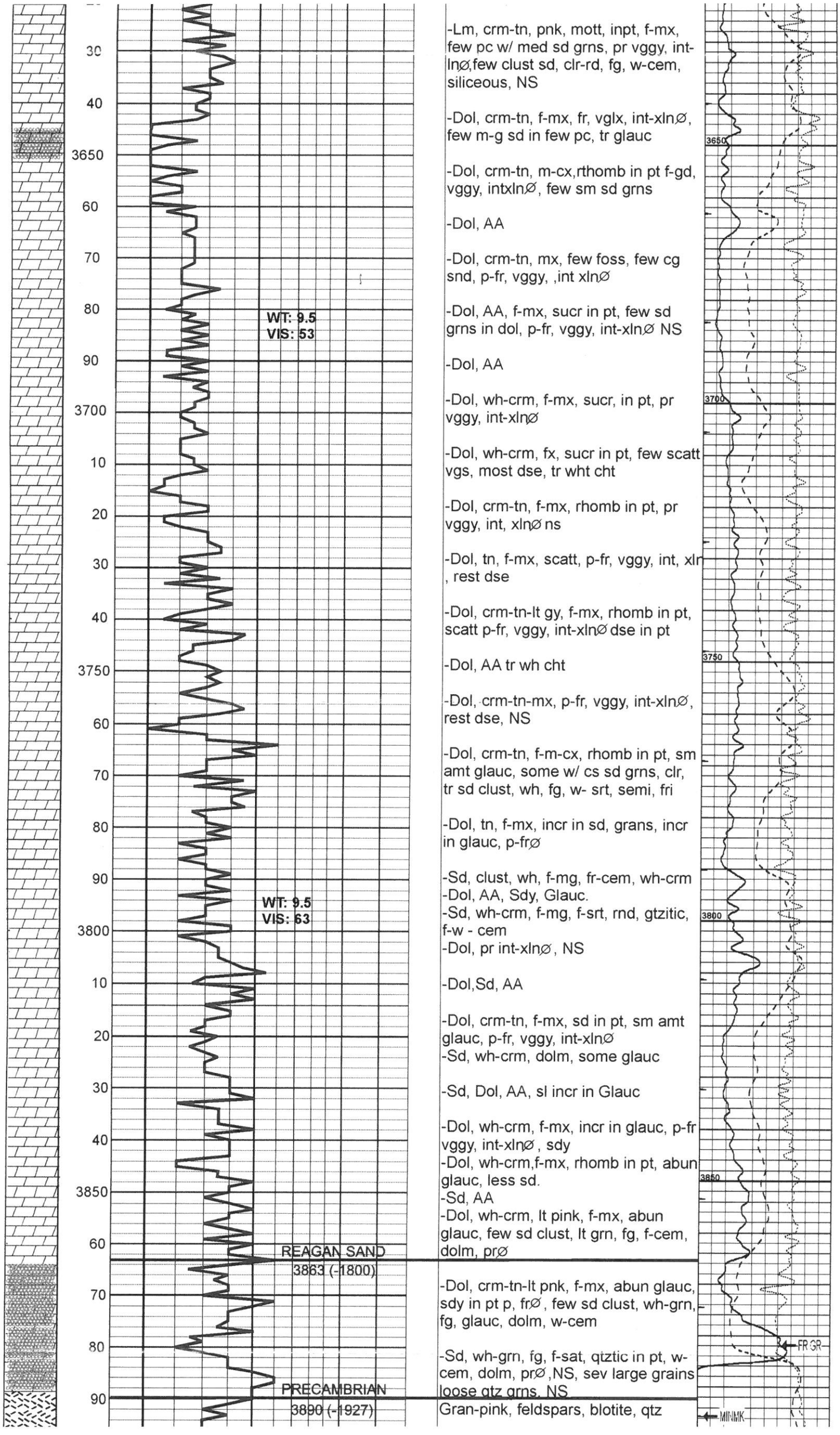
-Dol, crm-tn, f-mx, p-fr, vggy, int-xln NS

-Dol, crm-tn, f-mx, few foss, fr vggy, int-xlnØNS, tr tn cht

-Dol, crm-tn, f-mx, few oolites, fr vggy, int- xlnØ, trtn cht

-Dol, grn-tn, fx-mx, p-fr, vggy, int, xln ,Ø, few pc pnk, mottled, NS

-Lm, crm-tn, pnk, mott, inpt, f-mx,


30
40
3650
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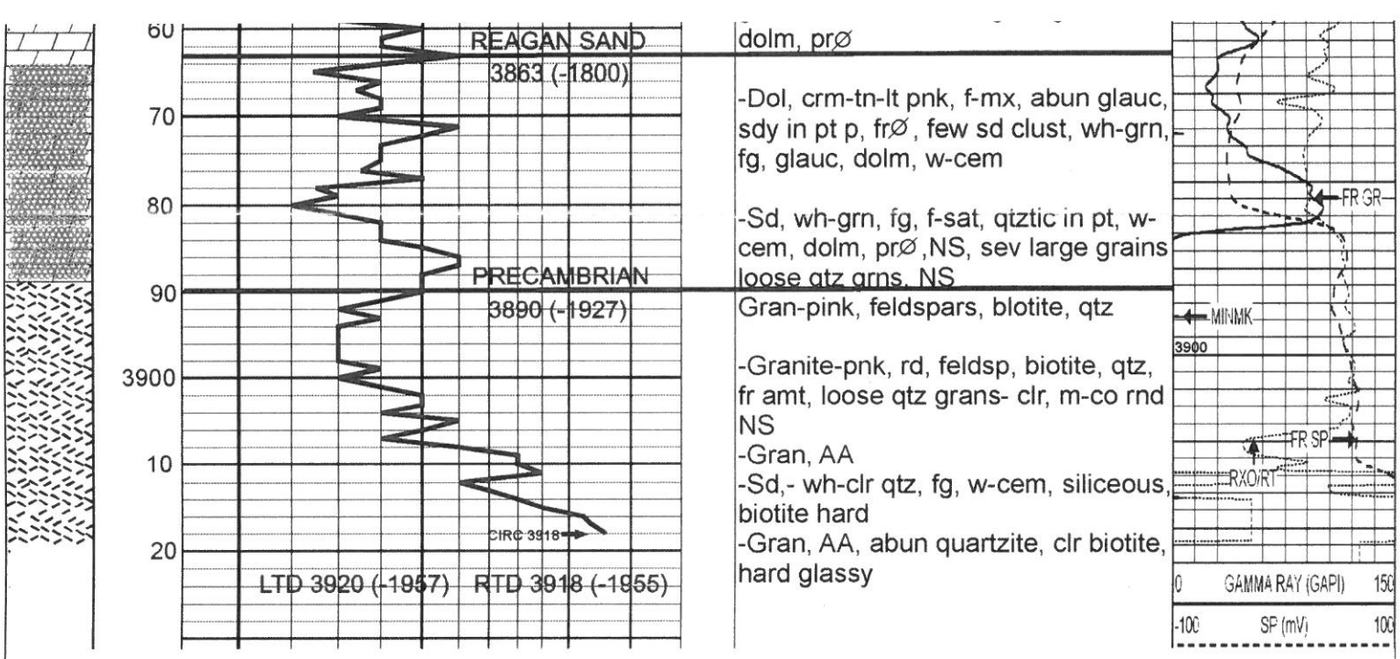
70
80
90
3700
10
20
30
40
3750
60
70
80
90
3800
10
20
30
40
3850
60
70
80
90
WT: 9.5
VIS: 53
WT: 9.5
VIS: 63
REAGAN SAND
3863 (-1800)
PRECAMBRIAN
3890 (-1927)
-Lm, crm-tn, pnk, mott, inpt, f-mx, few pc w/ med sd grns, pr vggy, int-lnØ,few clust sd, clr-rd, fg, w-cem, siliceous, NS
-Dol, crm-tn, f-mx, fr, vglx, int-xlnØ, few m-g sd in few pc, tr glauc
-Dol, crm-tn, m-cx,rthomb in pt f-gd, vggy, intxlnØ, few sm sd grns
-Dol, AA
-Dol, crm-tn, mx, few foss, few cg snd, p-fr, vggy, ,int xlnØ
-Dol, AA, f-mx, sucr in pt, few sd grns in dol, p-fr, vggy, int-xlnØ NS
-Dol, AA
-Dol, wh-crm, f-mx, sucr, in pt, pr vggy, int-xlnØ
-Dol, wh-crm, fx, sucr in pt, few scatt vgs, most dse, tr wht cht
-Dol, crm-tn, f-mx, rhomb in pt, pr vggy, int, xlnØ ns
-Dol, tn, f-mx, scatt, p-fr, vggy, int, xln , rest dse
-Dol, crm-tn-lt gy, f-mx, rhomb in pt, scatt p-fr, vggy, int-xlnØ dse in pt
-Dol, AA tr wh cht
-Dol, crm-tn-mx, p-fr, vggy, int-xlnØ, rest dse, NS
-Dol, crm-tn, f-m-cx, rhomb in pt, sm amt glauc, some w/ cs sd grns, clr, tr sd clust, wh, fg, w- srt, semi, fri
-Dol, tn, f-mx, incr in sd, grans, incr in glauc, p-frØ
-Sd, clust, wh, f-mg, fr-cem, wh-crm
-Dol, AA, Sdy, Glauc.
-Sd, wh-crm, f-mg, f-srt, rnd, gtzitic, f-w - cem
-Dol, pr int-xlnØ, NS
-Dol,Sd, AA
-Dol, crm-tn, f-mx, sd in pt, sm amt glauc, p-fr, vggy, int-xlnØ
-Sd, wh-crm, dolm, some glauc
-Sd, Dol, AA, sl incr in Glauc
-Dol, wh-crm, f-mx, incr in glauc, p-fr vggy, int-xlnØ , sdy
-Dol, wh-crm,f-mx, rhomb in pt, abun glauc, less sd.
-Sd, AA
-Dol, wh-crm, lt pink, f-mx, abun glauc, few sd clust, lt grn, fg, f-cem, dolm, prØ
-Dol, crm-tn-lt pnk, f-mx, abun glauc, sdy in pt p, frØ , few sd clust, wh-grn, fg, glauc, dolm, w-cem
-Sd, wh-grn, fg, f-sat, qtztic in pt, w-cem, dolm, prØ ,NS, sev large grains loose qtz grns, NS
Gran-pink, feldspars, blotite, qtz
3650
3700
3750
3800
3850
FR GR
MINMK



dolm, prø

-Dol, crm-tn-lt pnk, f-mx, abun glauc, sdy in pt p, frØ, few sd clust, wh-grn, fg, glauc, dolm, w-cem

-Sd, wh-grn, fg, f-sat, qtztic in pt, w-cem, dolm, prØ,NS, sev large grains loose qtz grns, NS

Gran-pink, feldspars, blotite, qtz

-Granite-pnk, rd, feldsp, biotite, qtz, fr amt, loose qtz grans- clr, m-co rnd NS

-Gran, AA

-Sd,- wh-clr qtz, fg, w-cem, siliceous, biotite hard

-Gran, AA, abun quartzite, clr biotite, hard glassy