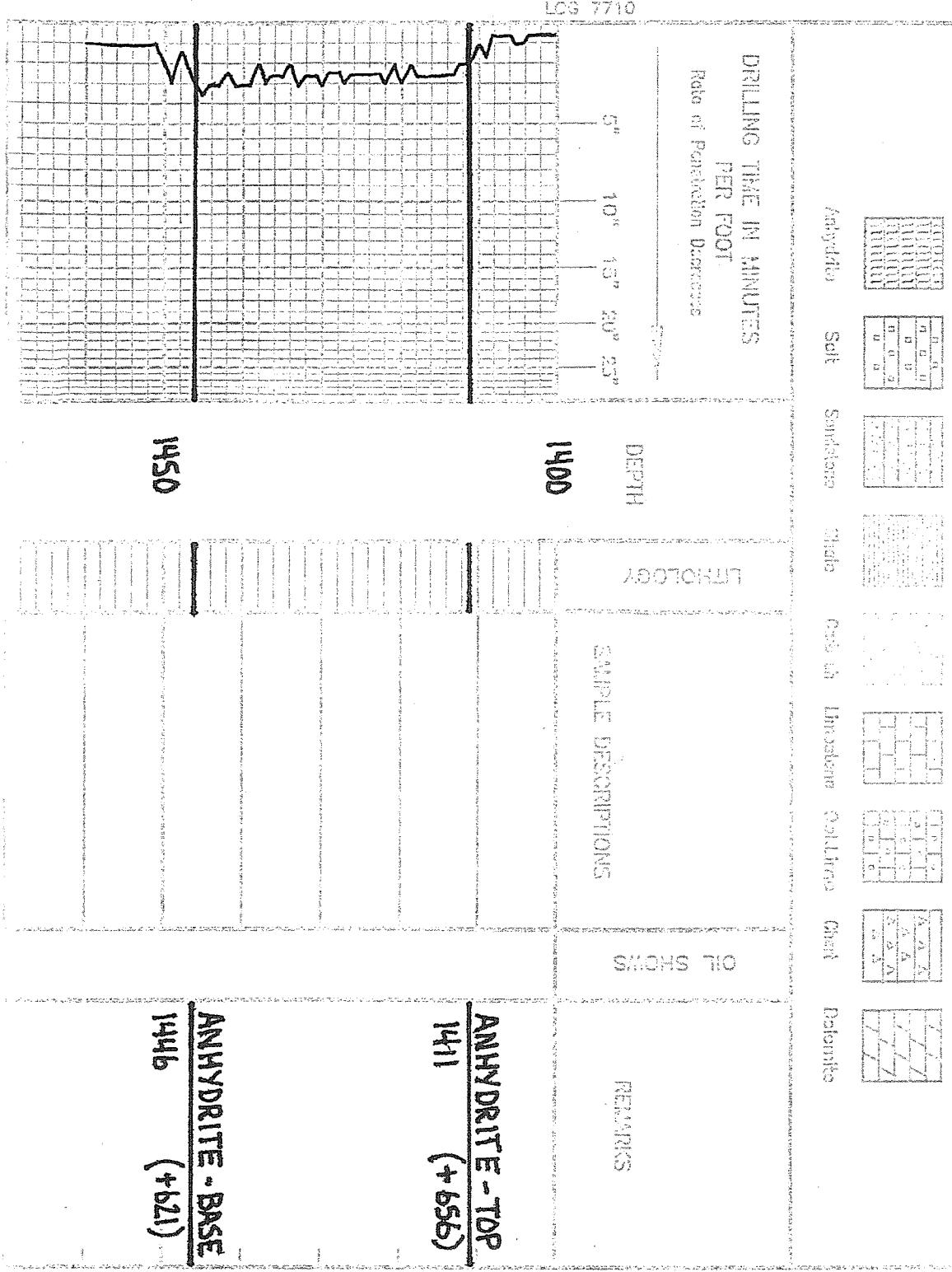
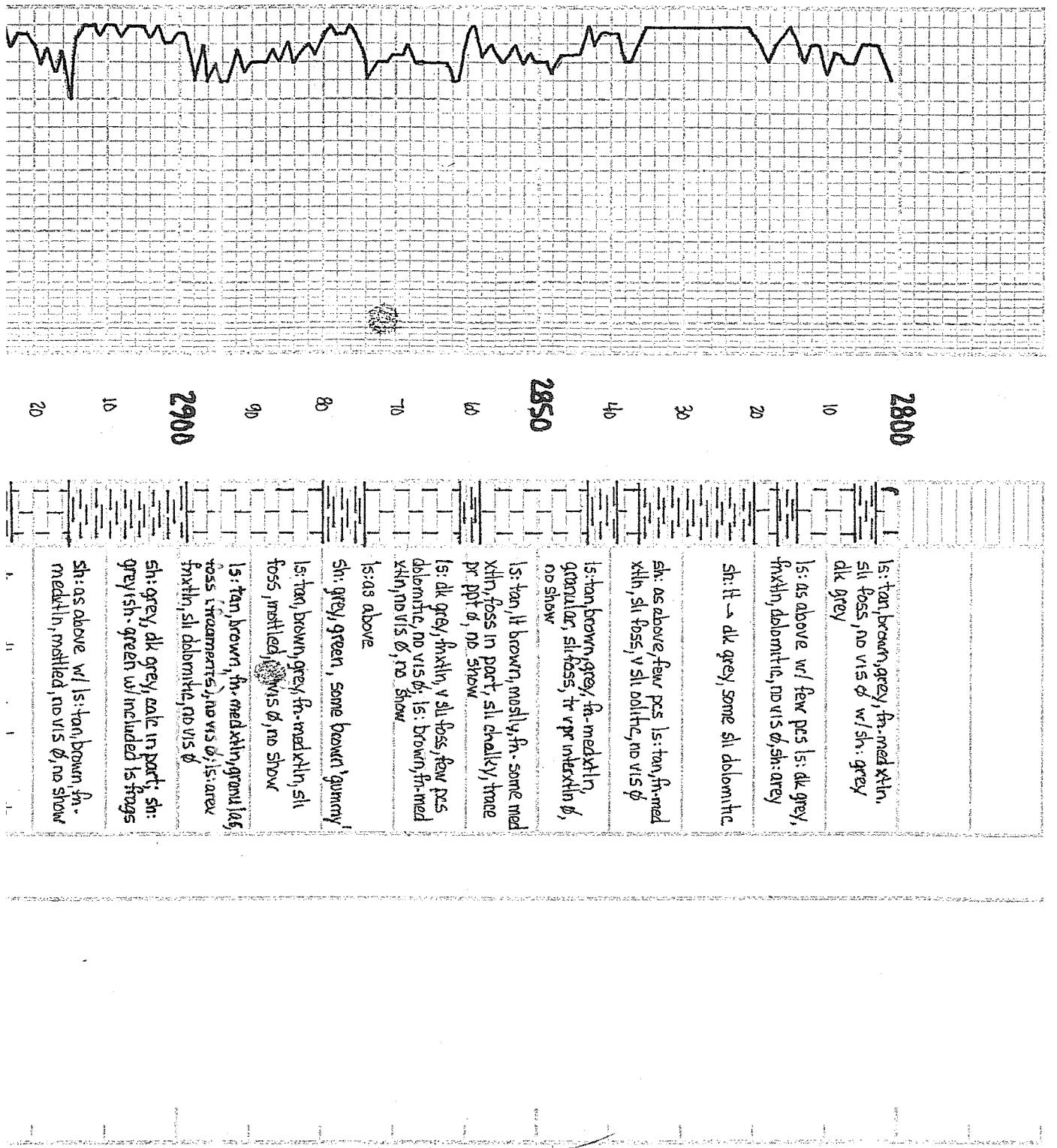
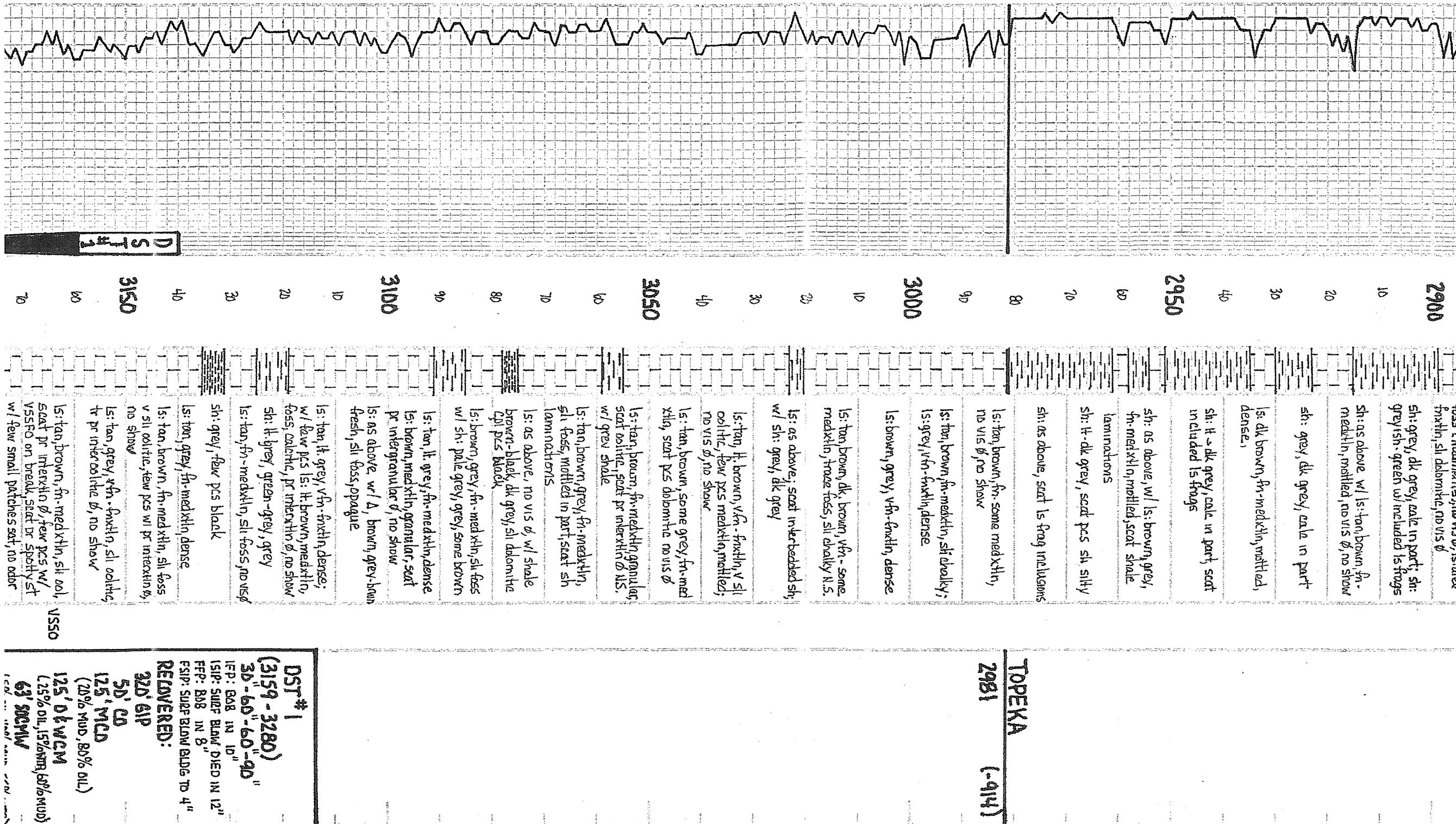


50DR E 411 C/L STAHL THERM 1 + 1
SERIAL NO. 11-795-R1BW, ROCKS CITY, K

RECOMMENDED FOR THIS COURSE





3150

no show

ls: tan, grey, fm. medxtn, sli. oclitic,
tr pr intercalitic, ls, no show

ls: off-wh, tan, fm.-medxtn, granular,
scat pr intercalitic, few pes w/
VSSFO on break, scat pr spotty st
w/ few small patches sat, no odor

ls: tan, lt. grey, fm.-medxtn, foss,
no vis, & no show

ls: off-wh, tan, fm.-medxtn, foss,
tr ungranular & part of few pes w/
SSFO on break, scat spotty pr st, E
sat, no odor

3200

sh: dk grey, few pes black
ls: tan, fm.-medxtn, dense

sh: as above

ls/off-wh, fm.-medxtn, pale, E
scat pr intercalitic, cd, pc
w/ few minute ppp's to on break,
pr spotty st & sat, no odor

sh: dark to dk grey, green, few
pes brown

ls: tan, lt. brown, fm.-medxtn, scat pr
ppt vuggy & few pes w/ VSSFO,
pr-2 pes w/ ft st & pr patchy sat,
no odor

ls: tan, lt. grey, fm. - some medxtn,
sl. fiss, no vis & no show

3250

ls: as above w/ sh: lt. grey, green-
grey, grey, scat included ls frags

ls: tan, lt. brown, fm.-medxtn, sl.
foss, pr-fr ppt & vuggy (some large)
por, SSFO, pr-ft st & sat, ft odor

ls: tan, brown, fm.-medxtn, dense
no vis of ls: wh, fm.-medxtn, chalky
sh: grey, greenish, grey w/ ls:
brown, fm.-medxtn, dense

sh: grey, fm.-medxtn, mostly
cemented (calcare), scat pr intercalitic
por, SSFO mostly pr spotty & pr patchy
sat, ft ft odor

ls: wh, lt. grey, fm.-medxtn, scat vpp-pr
ppt & vuggy & scat large vugs (isolated)
fine stn vugs, rare ppt to pr patchy
sat, ft ft odor

ls: tan, lt. grey, fresh, opaque
ls: tan, fm.-medxtn, scat pr very fine ppt
& scat pr vuggy & VSSFO, pr apes
fe patches medxtn st, ft sat
ft odor

ls: as above, den in shoul w/ win
fm.-medxtn ls, & tan, fresh, pp. A.

sh: grey, greyish-green, some
brown

ls: off-wh, fm.-medxtn, sl. fiss, mostly
dense, sat pes w/ vpp-pr vuggy &
intercalitic tr vpp fiss & pr spotty st
cpd pes w/ pr sat, rare, ppt to, no odor

ls: off-wh, tan, fm.-medxtn, dense, no vis &
chalky in part

sh: mostly grey, few pes brown/grey
ls: tan, brown, fm.-medxtn, finely granular,
scattered fine vpp & vuggy w/ sl. fiss
sheen on w/ ft after break, few oil coated
of, NSFO, ft-med even brown st w/ gd
to full sat, ft odor

sh: lt-med grey
ls: off-wh, tan, grey, fm. some
medxtn, scat pr ft intercalitic
vuggy (isolated), & rare ppp's scat
pr - ft ft st, scat pr sat, no odor

VSSFO
IFP: SURF BLOW TO 2 1/4"
FFP: SURGE BLOW TO 2 1/2"

DST #5
(3399 - 3460)
30"-60"-60"-90"
IFP: SURF BLOW TO 2 1/4"
FFP: SURGE BLOW TO 2 1/4"
RECOVERED:

CFSE@00
LS: tan, grey, fm.-medxtn, sl. oclitic,
tr pr intercalitic, ls, no show

LS: off-wh, tan, fm.-medxtn, granular,
scat pr intercalitic, few pes w/
VSSFO on break, scat pr spotty st
w/ few small patches sat, no odor

LS: tan, lt. grey, fm.-medxtn, foss,
no vis, & no show

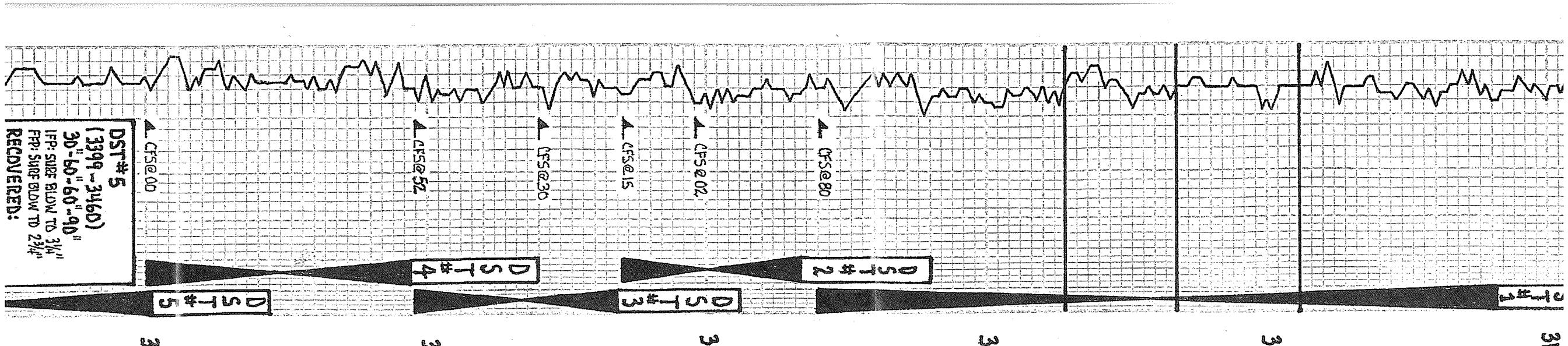
LS: off-wh, tan, fm.-medxtn, foss,
tr ungranular & part of few pes w/
SSFO on break, scat spotty pr st, E
sat, no odor

LS: tan, lt. grey, few pes black
LS: tan, fm.-medxtn, dense

sh: dk grey, few pes black
LS: tan, fm.-medxtn, dense

sh: as above

LS: off-wh, fm.-medxtn, pale, E
scat pr intercalitic, cd, pc
w/ few minute ppp's to on break,
pr spotty st & sat, no odor



50' CO
125' MCW
(25% MUD, 80% OIL)
125' O & MCW
(25% OIL, 15% LOM, 60% MUD)
63' SCL/M
(5% OIL, 40% MUD, 55% WTR)
LS: tan, grey, fm.-medxtn, sl. oclitic,
tr pr intercalitic, ls, no show

LS: off-wh, tan, fm.-medxtn, granular,
scat pr intercalitic, few pes w/
VSSFO on break, scat pr spotty st
w/ few small patches sat, no odor

LS: tan, lt. grey, fm.-medxtn, foss,
no vis, & no show

LS: off-wh, tan, fm.-medxtn, foss,
tr ungranular & part of few pes w/
SSFO on break, scat spotty pr st, E
sat, no odor

LS: tan, lt. grey, few pes black
LS: tan, fm.-medxtn, dense

sh: as above

LS: off-wh, fm.-medxtn, pale, E
scat pr intercalitic, cd, pc
w/ few minute ppp's to on break,
pr spotty st & sat, no odor

sh: dark to dk grey, green, few
pes brown

LS: tan, lt. brown, fm.-medxtn, scat pr
ppt vuggy & few pes w/ VSSFO,
pr-2 pes w/ ft st & pr patchy sat,
no odor

LS: tan, lt. grey, fm. - some medxtn,
sl. fiss, no vis & no show

LS: tan, lt. grey, fm.-medxtn, dense
no vis of ls: wh, fm.-medxtn, chalky
sh: grey, greenish, grey w/ ls:
brown, fm.-medxtn, dense

LS: tan, lt. grey, fm.-medxtn, mostly
cemented (calcare), scat pr intercalitic
por, SSFO mostly pr spotty & pr patchy
sat, ft ft odor

LS: wh, lt. grey, fm.-medxtn, scat vpp-pr
ppt & vuggy & scat large vugs (isolated)
fine stn vugs, rare ppt to pr patchy
sat, ft ft odor

LS: tan, lt. grey, fresh, opaque
LS: tan, fm.-medxtn, scat pr very fine ppt
& scat pr vuggy & VSSFO, pr apes
fe patches medxtn st, ft sat
ft odor

LS: as above, den in shoul w/ win
fm.-medxtn ls, & tan, fresh, pp. A.

LS: grey, greyish-green, some
brown

LS: off-wh, fm.-medxtn, sl. fiss, mostly
dense, sat pes w/ vpp-pr vuggy &
intercalitic tr vpp fiss & pr spotty st
cpd pes w/ pr sat, rare, ppt to, no odor

LS: off-wh, tan, fm.-medxtn, dense, no vis &
chalky in part

LS: tan, brown, fm.-medxtn, finely granular,
scattered fine vpp & vuggy w/ sl. fiss
sheen on w/ ft after break, few oil coated
of, NSFO, ft-med even brown st w/ gd
to full sat, ft odor

LS: off-wh, tan, grey, fm. some
medxtn, scat pr ft intercalitic
vuggy (isolated), & rare ppp's scat
pr - ft ft st, scat pr sat, no odor

VSSFO
IFP: SURF BLOW TO 2 1/4"
FFP: SURGE BLOW TO 2 1/2"

DST #5
(3399 - 3460)
30"-60"-60"-90"
IFP: SURF BLOW TO 2 1/4"
FFP: SURGE BLOW TO 2 1/4"
RECOVERED:

CFSE@00
LS: tan, grey, fm.-medxtn, sl. oclitic,
tr pr intercalitic, ls, no show

LS: off-wh, tan, fm.-medxtn, foss,
tr ungranular & part of few pes w/
SSFO on break, scat spotty pr st, E
sat, no odor

LS: tan, lt. grey, fm.-medxtn, foss,
no vis, & no show

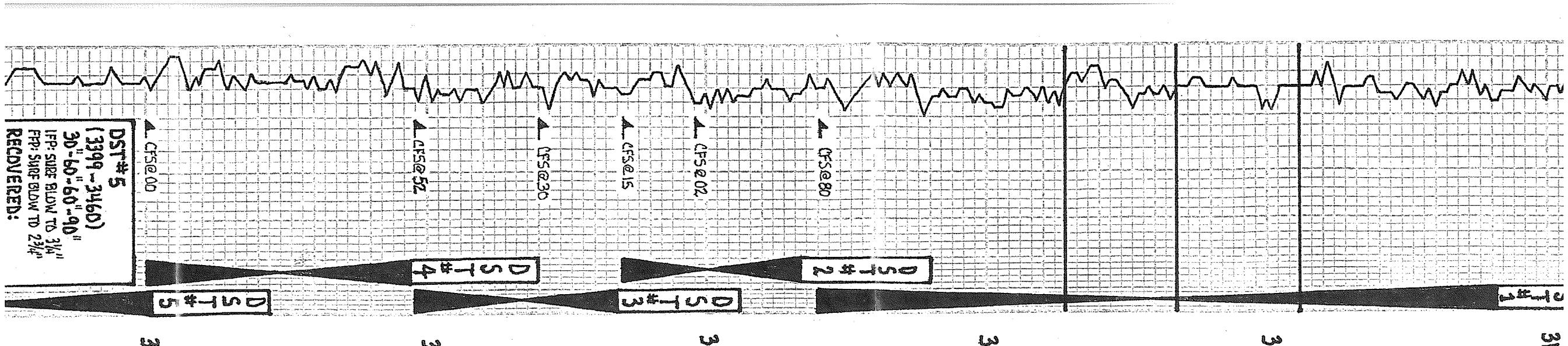
LS: off-wh, tan, fm.-medxtn, foss,
tr ungranular & part of few pes w/
SSFO on break, scat spotty pr st, E
sat, no odor

LS: tan, lt. grey, few pes black
LS: tan, fm.-medxtn, dense

sh: as above

LS: off-wh, fm.-medxtn, pale, E
scat pr intercalitic, cd, pc
w/ few minute ppp's to on break,
pr spotty st & sat, no odor

LS: tan, lt. grey, few pes black
LS: tan, fm.-medxtn, dense



HEEBNER (-1127)

3194 (-1149)

TORONTO

3216 (-1149)

LANSING (-1169)

3236 (-1169)

DST #2
(3283 - 3315)
30"-60"-60"-90"

(10% GAS 35% MUD 55% OIL)
IFP: SURF BLOW BLDG TO 2 1/2"
FFP: 11" BLOW DEC TO 1/2"

HSP: 1626# - 1595#
FP: 12# - 24# / 18# - 32#
SIP: 980# - 972#
BMT: 97°F

FSP: NO BLOW
FSR: NO BLOW

DST #3
(3316 - 3352)
30"-60"-60"-60"-90"

CHL: 57000 PPM SIS: 4000 PPM
IFP: BOB IN 1b"
LSIP: NO BLOW
FFP: BOB IN 2b"
FSP: NO BLOW

DST #4
(3353 - 3400)
30"-60"-60"-60"-90"

HSP: 1653# - 1587#
FP: 18.74# / 7b# - 17.1#
SIP: 966# - 954#
BMT: 102°F

DST #5
(25% MUD 75% WTR)
MCW

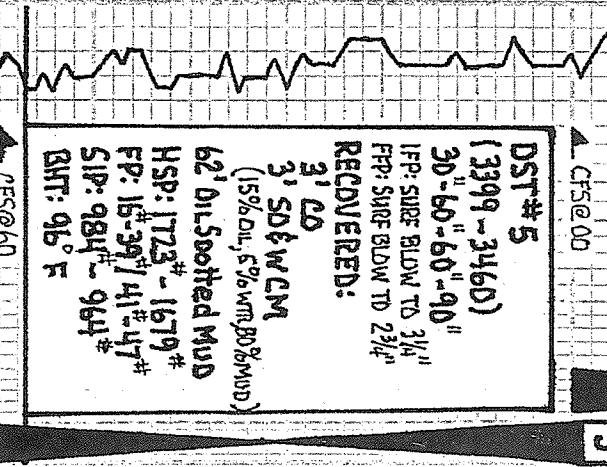
CHL: 17500 PPM SIS: 4000 PPM
IFP: BOB IN 1b"
LSIP: NO BLOW
FFP: BOB IN 2b"
FSP: NO BLOW

RECOVERED:

440' MCW
(25% MUD 75% WTR)

HSP: 16B6# - 1643#
FP: 23.9# / 162# - 229#
SIP: 1001# - 979#
BMT: 102°F

RECOVERED:



DST#5
(3399-3460)
30"-60"-60"-90"
IFP: SURGE SLOW TO $3\frac{1}{2}$ "
FPP: SURGE SLOW TO $2\frac{3}{4}$ "
RECOVERED:

10
20

—
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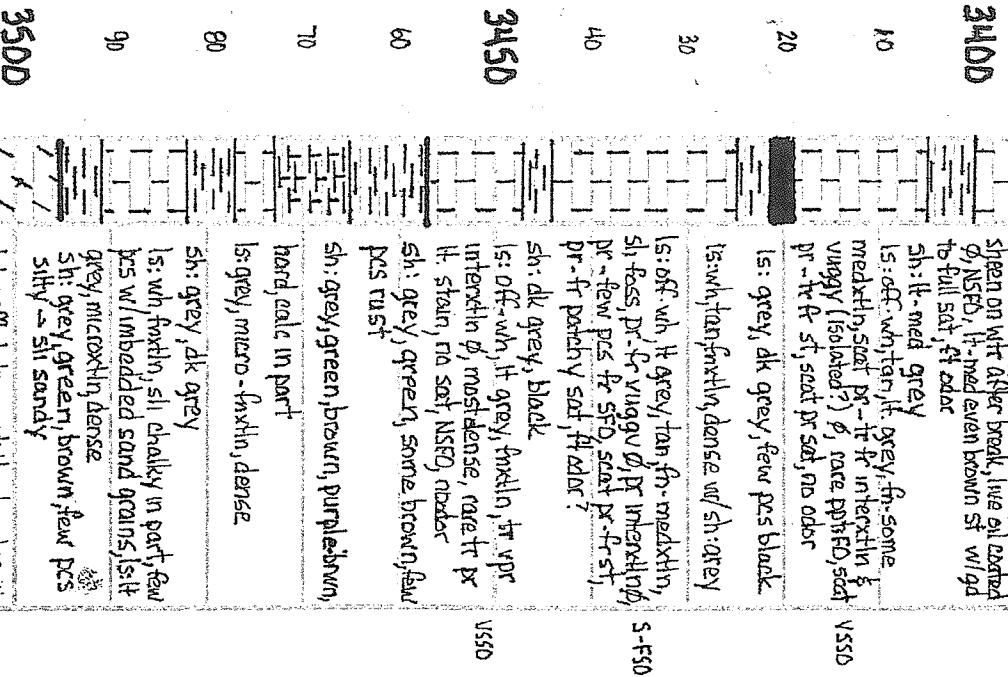
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BKC

ARBUCKLE
3495 (-142B)

DST #6
(3490 ~ 3506)
30" - 60" - 60" - 90"
FPP: SURF BLOW GLUE TO 1"
FPP: SURF BLOW THRU AFT
RECOVERED:

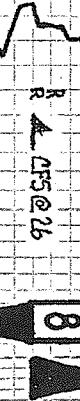
52', 50CM
(50% DIL 50% W/W)
HSP: 177# - 1684#
FP: 1425# / 26.28#
SIP: 1033 - 1036#
BHT: 99°F

DST #7
(350b - 352b)
30"- 60"- 60"- 90"
FPP: SURF BLOW BLDG TO 1 1/4"
FPP: SURF BLOW BLDG TO 1 1/4"
RECOVERED:

3600

(5% OIL, 20% WTR, 75% MUD)
 30' OIL SPOTTED W/CM
 (20% WTR, 80% MUD)
 CBL: 2000D PPM SYS 6100 PPM
 HSP: 1781[#] 1697[#]
 FP: 17[#] 30[#] 32[#] - 43[#]
 SIP: 1090[#] - 1070[#]
 BHT: 99°F

DST #8
(3526 - 3548)
30" 60" 60" 90"
IFP: BDB IN 29"
ISP: NO BLDW
FFP: BDB IN 30"
FSP: NO BLOW



dolo: wh, medxlin pr interxlin smpy -
xthn & GSO - hvy, gd dk st w/ gd
scat, gd odor

dolo: wh, fatlin pr interxlin smpy -
d - cp, pcc fr vuggy d, SSO, pr st
w patchy sat, gd odor

dolo: brown, tan, foxlin dense, no
vis d, no show

dolo: wh, medxlin app fr inter-
xthn d, s - few pcc FSO, fr st w/
imbedded sand grains, scat pr.
(sat fr odor) scat dol residue

dolo: wh, mostly medxlin scat
pr - fr interxlin & vuggy d, vss dol
oil residue, no show, live oil, sh;
green, grey

is: wh, tan, lt grey, fr medxlin few
fr interxlin d, no show.

dolo: as above, no show, wl grey,
green sh.

FPP: SURF BLOW THRUOUT
RECOVERED:
3' Hvy LD
52' SOCM
(5% oil 95% mud)
HSP: 1772# - 1684#
FP: 14# 20# / 26# 28#
SIP: 1063# - 1036#
BHT: 99°F

DST #7
(3526 - 3526)
30" - 60" - 60" - 90"
(20% WTR, 80% MUD)
CHL: 2000 PPM SVS: 600 PPM
HSP: 1781# - 1697#
FP: 17# 30# / 32# 43#
SIP: 1090# - 1070#
BHT: 99°F

4' LD - (BR 20°)
31' SD + WCM
(5% oil, 20% WTR, 75% MUD)
30" Oil SPOTTED WCM
(20% WTR, 80% MUD)
CHL: 2000 PPM SVS: 600 PPM
HSP: 1781# - 1697#
FP: 17# 30# / 32# 43#
SIP: 1090# - 1070#
BHT: 99°F

DST #8
(3526 - 3548)
30" - 60" - 60" - 90"
IFP: BDB IN 24"
ISP: NB BLDW
FFP: BDB IN 30"
FSIP: NO BLOW

RECOVERED:

70' MUD
250' MCW
(45% MUD 55% WTR)
CHL: 28000 PPM SVS: 4000 PPM
HSP: 1786# - 1733#
FP: 17# 76# / 79# 160#
SIP: 1063# - 1027#
BHT: 103°F

5'
10'
15'
20'
25'

BORING TIME Minutes/Foot

DEPTH

INTERVAL

SAMPLE DESCRIPTIONS

TDS
OF
OIL

REMARKS

Date of Penetration Recovery