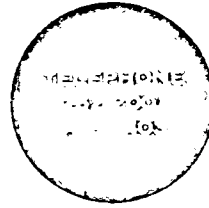


- LEGEND**
- NB — New Bit
 - CB — Core Bit
 - CO — Circulate Out
 - DST — Drill Stem Test
 - LAT — Logged After Trip
 - TG — Trip Gas
 - TGR — Trip Gas Recycle
 - CG — Connection Gas
 - NR — No Returns
 - DS — Directional Survey
 - DC — Depth Correction
 - W — Drill Fluid Weight
 - CK — Filter Cake
 - V — Viscosity
 - F — Filtrate
 - S — Salinity

- Total Gas — T —
- Methane C₁ — 1 —
- Ethane C₂ — 2 —
- Propane C₃ — 3 —
- Iso-Butane & Normal Butane C₄ — 4 —
- Oil Indicator C₁+C₂ — 0 —

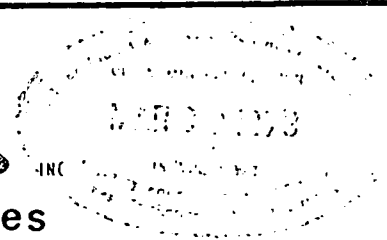
- POROSITY**
- TRACE —
 - POOR —
 - FAIR —
 - GOOD —
 - EXCELLENT —

- Sh
- Slst
- Ss
- Ls
- Dolo
- Salt
- Coal
- Anhy
- Chert



Continental Laboratories

Geological Wellsite Services
1639-17A Street S.E., Calgary 22, Alberta



HYDROCARBON LOG

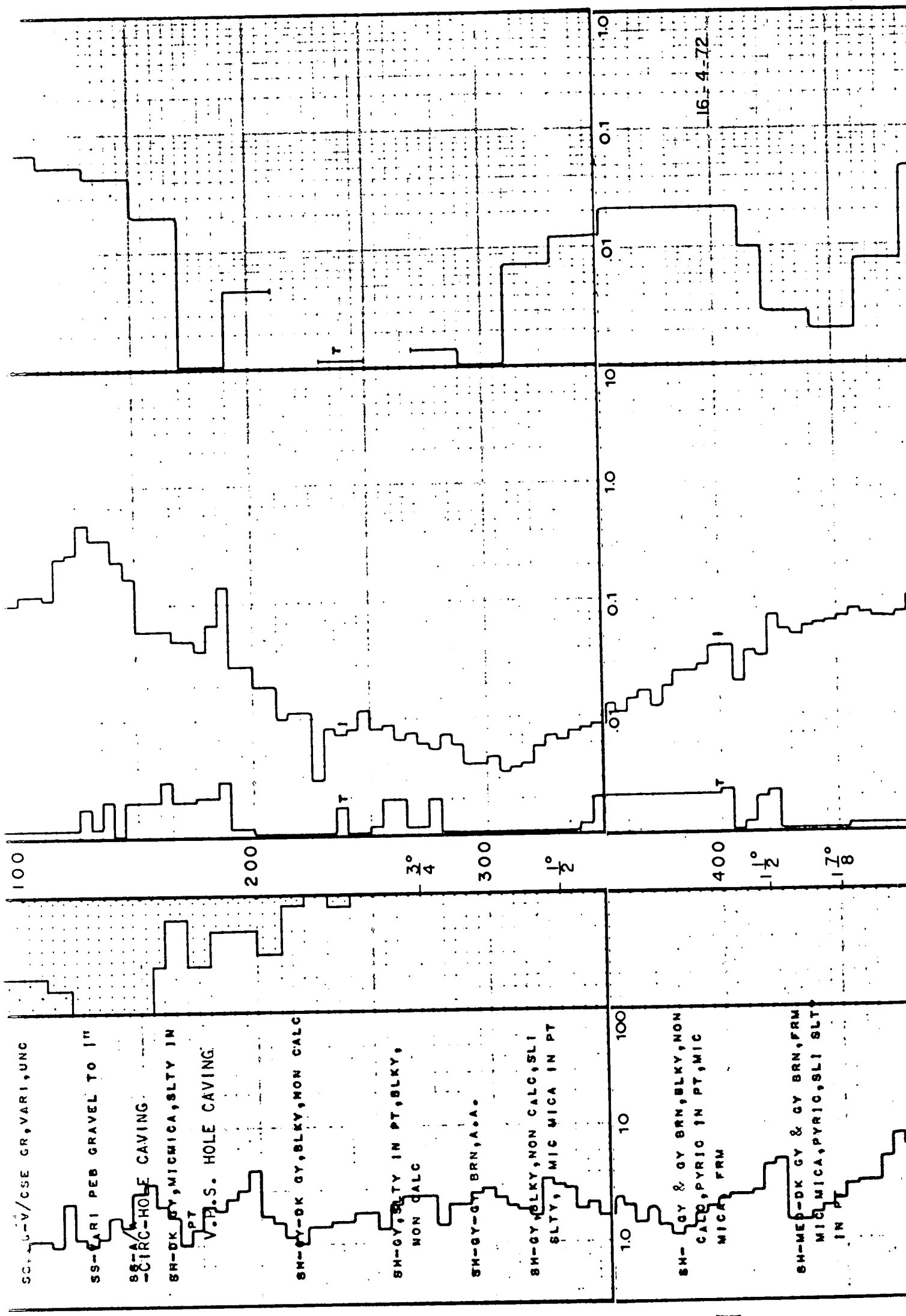
Operator AMOCO CANADA LTD Elevation KB GL + 2230' GL _____
 Well AMOCO PCB-B-1 CRANSWICK A-42 Depth Logged 54.3' To 2200'
 Location 65-41N 133-07W Date Logged 11-4-72 To 23-4-72
 Field WILDCAT
 Province YUKON TERRITORY
 Technicians JOHN S. SCHAFER
 Instrumentation FID, HOT WIRE, ONE MAN SERVICE

Remarks: Total gas (drilling fluid only) is reported as units of gas. Multiply scale by 1000. Total gas (cuttings) is the sum of the gas chromatograms.

- TOTAL SHOW EVALUATOR**
- POOR —
 - FAIR —
 - GOOD —
 - EXCELLENT —

- VISUAL SHOW INDICATOR**
- TRACE —
 - POOR —
 - FAIR —
 - GOOD —
 - EXCELLENT —

PENETRATION RATE min./ft.	porosity	LITHOLOGY IN PERCENT	DEPTH CORE DS DST	HYDROCARBON DETECTION AND ANALYSIS								VISUAL SHOW INDICATOR	
				Reported in Percent by Volume - for ppm. multiply by 10,000									
				DRILLING FLUID				CUTTINGS					
1.0	10	100		TOTAL SHOW EVALUATOR	.01	0.1	1.0	10	.01	0.1	1.0		
CONDUCTOR PIPE AT 54.30'					SAMPLES NOT LAGGED								
NB-1-YTIA					WATER & GEL MUD								
SS-VARI, CSE OR TO PEB SIZE GRAVEL					TOTAL								
SM-LT ON, V/SFT, MUD MAKING W/SCATT PEBS					TOTAL								
					-15-4-72								



16-4-72

SS-CARI PEB GRAVEL TO 11"

SS-CIRC-HOLE CAVING

SH-DK GY, MIC MICA, SLTY IN PT

V.P.S. HOLE CAVING

SH-GY-DK GY, BLKY, NON CALC

SH-GY, SLTY IN PT, BLKY, NON CALC

SH-GY-GY BRN, A.A.

SH-GY BLKY, NON CALC, SLI SLTY, MIC MICA IN PT

SH-GY & GY BRN, BLKY, NON CALC, PYRIC IN PT, MIC MICA FRM

SH-MED-DK GY & GY BRN, FRM MIC MICA, PYRIC, SLI SLT IN PT

100

200

300

400

10

0.1

0.01

1.0

10

0.1

1.0

0.1

0.01

1.0

10

0.1

0.01

1.0

10

0.1

0.01

1.0

10

0.1

0.01

1.0

10

0.1

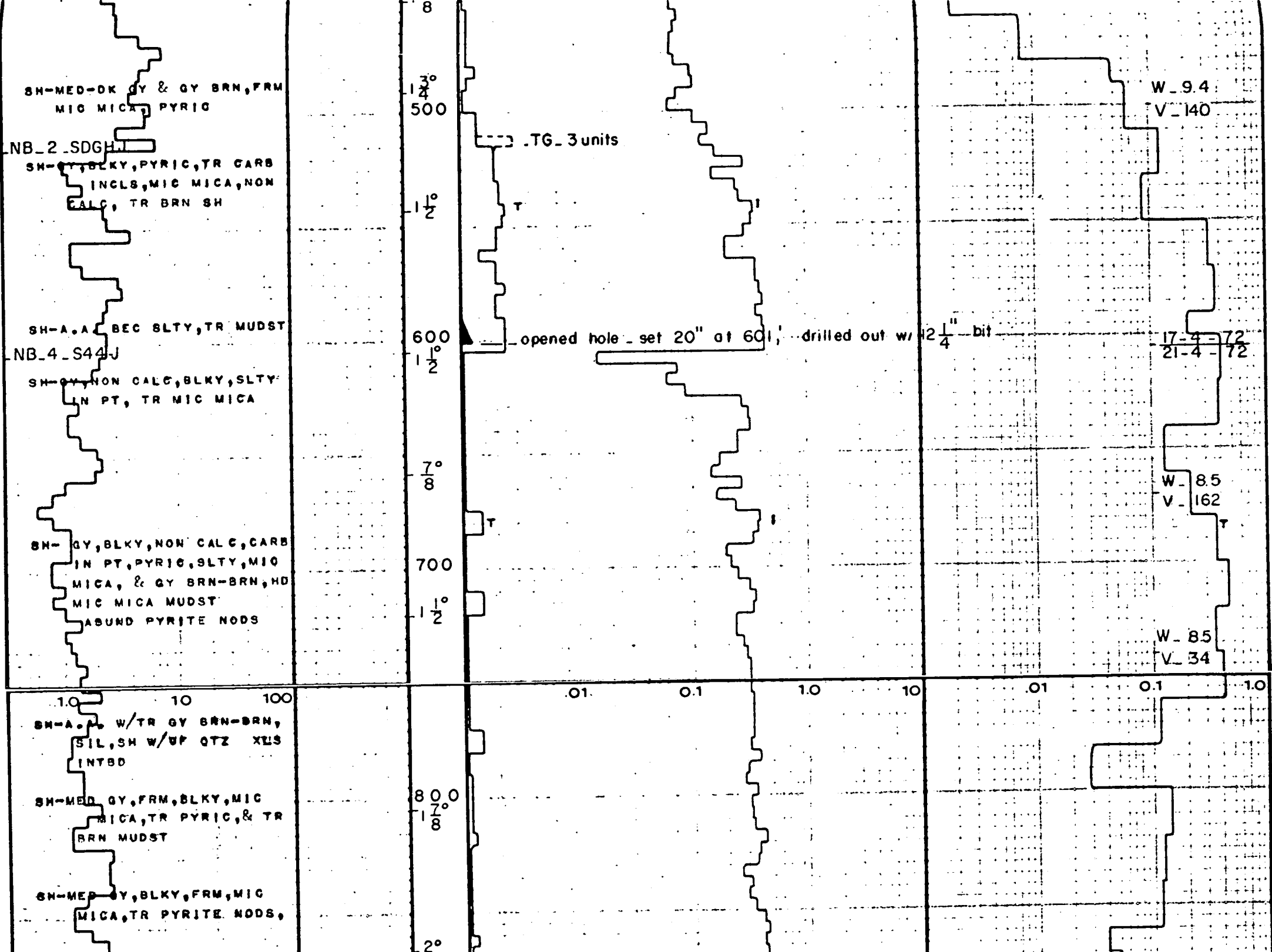
0.01

1.0

10

0.1

0.01



SH-MED-OK GY & GY BRN, FRM
MIC MICA, PYRIC

NB-2 SDGH

SH-GY, BLKY, PYRIC, TR CARB
INCL, MIC MICA, NON
CALC, TR BRN SH

SH-A, A BEC SLTY, TR MUDST

NB-4 S44J

SH-GY, NON CALC, BLKY, SLTY
IN PT, TR MIC MICA

SH-GY, BLKY, NON CALC, CARB
IN PT, PYRIC, SLTY, MIC
MICA, & GY BRN-BRN, HD
MIC MICA MUDST
ABUND PYRITE NODS

SH-A, W/TR GY BRN-BRN,
SIL, SH W/UF QTZ XLS
INTBD

SH-MED GY, FRM, BLKY, MIC
MICA, TR PYRIC, & TR
BRN MUDST

SH-MED GY, BLKY, FRM, MIC
MICA, TR PYRITE NODS,

8
1 3/4
500

TG-3 units

1 1/2

T

600

opened hole - set 20" at 601, drilled out w/ 2 1/4" bit

1 1/2

7/8

T

700

1 1/2

W-9.4
V-140

17-4-72
21-4-72

W-8.5
V-162

W-8.5
V-34

1.0 10 100

0.1 0.1 1.0 10

0.1 0.1 1.0

800
1 7/8

2°

NB.5 S44 J

SH-GY, VF SLTY, PYRIO, BLKY,
NON CALC, & LT BRN
MUDST

SH-GY & GY BRN, BLKY, PYRIC
SLTY IN PT, HD, TR MUD
STONE
TR CLAUO SH

SH-A.A. W/TR MED GY, V/MIC
& V/PYRIO BENT SH

SH-MED GY & BRN GY, A.A.
MIC MICA TO FN MICA,
V/PYRIC IN PT
ABUND TN-LT BRN, HD,
DNS, SH OR MUDST

SH-GY, BLKY, MIC MICA, PYRIC
NON CALC, & LT BRN-TN,
DNS, HD, SH

1.0 10 100
SH-MED-DK GY, BLKY, SLTY, BL
TO V/PYRIC, MIC MICA, HD
ABUND RED BRN, HD, BLKY
SH (RE OXIDIZED?)

TR PYRITE CRINOID FOSS
SH-A.A. & LT BRN-LT GY,
HD, MUDST

SH-GY, BLKY, NON CALC, MIC
MICA, PYRIC IN PT, V/-
SLI SLTY, & BRN, HD,

2°

900

1 1/2°

1000

1100

1 1/2°

carbide lag check

JO

SAMPLES LAGGED

4-22-72

1200

1°

.01

0.1

1.0

10

.01

0.1

1.0

W

9.1

SH-GY, BLKY, NON CALC, MIC
MICA, PYRIC IN PT, V/
SLI SLTY, & BRN, HD,
BLKY SH TR GY-GY BRN
BENT SH

SH-MED GY, BLKY, NON CALC,
SLTY, MIC MICA, TR
PYRIC

SH-MED GY, HD, BLKY, V/PYRIC
NON CALC & BRN RED,
BLKY, V/MICA, TR QTZ
VEINING, ABUND LARGE
PYRITE NODS

SH-GY-DK GY, V/MICA, NON
CALC, BLKY-PLTY, PYRIC

SH-A.A.

SH-A/A/ & RED BRN, PYRIC,
HD

SH-MED GY, FRM, BLKY, MIC
MICA, PYRIC IN PT, TR
LARB INCLS

SH-A.A. TR SH W/VE QTZ

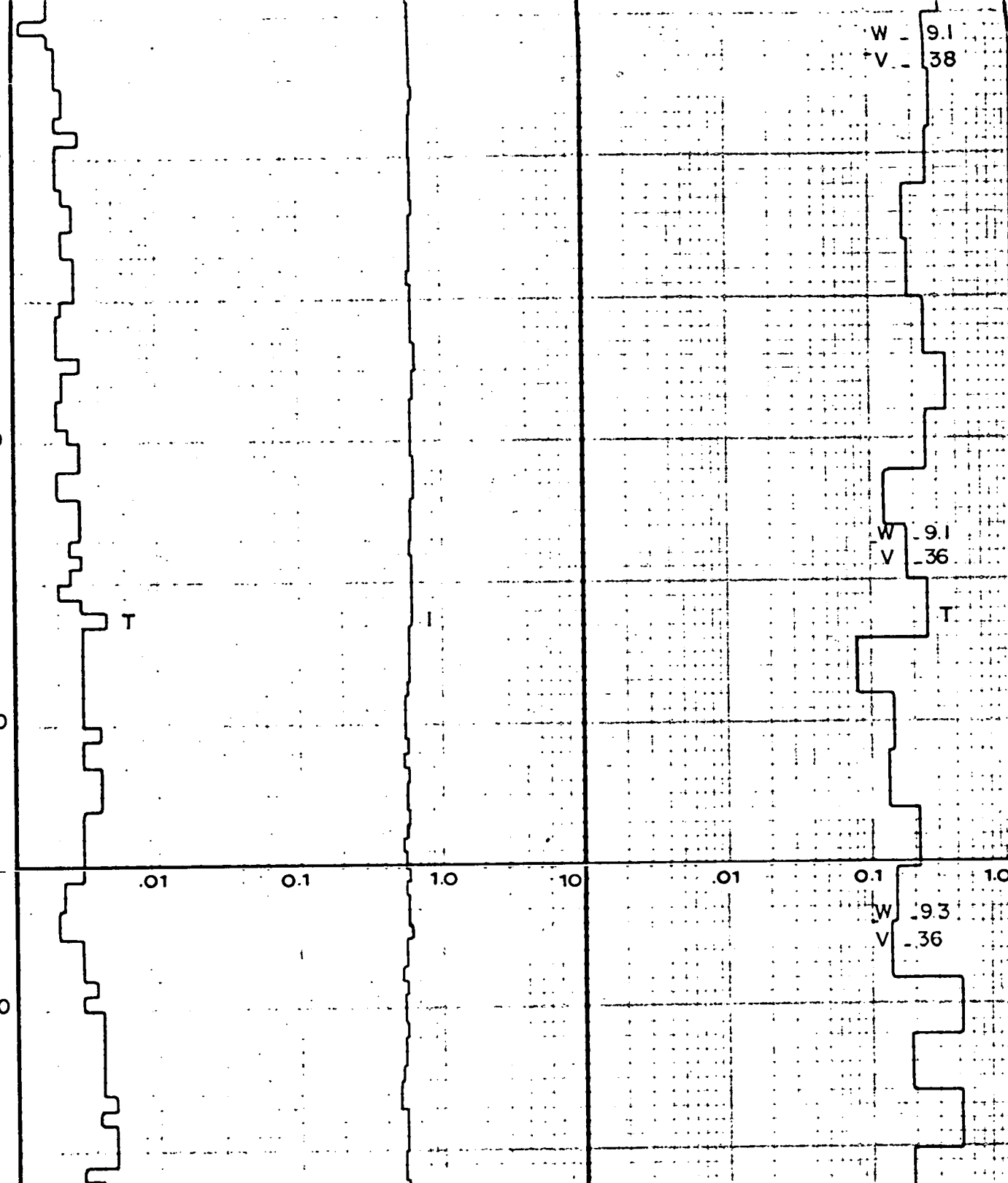
1°
1300

1400
1°

1500

1600

1°



W - 9.1
V - 38

W - 9.1
V - 36

W - 9.3
V - 36

CARB INCLS
SH-A.A. TR SH W/VF QTZ
FILLED VEINING

SH-MED GY-GY BRN, BLKY, MIC
MICA, FRM, PYRITE NODS,
TR W/CARB PTGS

SH-A.A. V/MICA

SH-MED-DK GY, BLKY, V/MICA,
PYRITIC

SH-A.A. TR BLK, MICA, CARB
SH

SH-MED-DK GY, BLKY, V/MICA,
PYRITIC, NON CALC

SH-GY-DK GY, & GY BRN, SLTY
BLKY, PYRITIC, MIC MICA

SH-GY-V/DK GY, V/MICA, SLTY
BLKY, W/FN DISS PYRITE
& PYRITE NODS

SH-A.A. W/TR BLK, FLKY, CARB
SH

SH-DK GY-GY BRN, BLKY, MICA
- BEC V/SLTY, NON CALC,
PYRITIC

1700

1700

1800

1800

1900

2000

2000

.01

0.1

1.0

10

.01

0.1

1.0

W - 9.2
V - 34

W - 9.0
V - 32

W - 9.0
V - 34

W - 9.0
V - 34

4-23-72

SH-MED-DK GY, V/SLTY, TR GR
CO V/ARGIL SLTST, MICA
PYRIC, BLKY

SH-GY-BRN GY, V/SLTY, VLKY,
MICA, V/FRM, PYRIC IN P
NON CALC, W/THIN BLK
CARB PTGS

SH-A.A. V/SLTY, TR LT GY,
ARGIL, SLTY, GLAUC SS

TR COAL
SH-GY, FRM, V/SLTY, MICA,
PYRIC, W/TR VFG, GLAUC,

CO. E LOG SLI CALC SS
NB_3 Hughes XV

cmt-

cmt-sh-dk gy micro-mic
soft abnt cmt

sh-a/a abnt cmt

sh-a/a

1.0 10 100
sh-dk/gy micro-mica
soft abnt cmt

sh-a/a

2100

3°

2200

2300

3 3/4°

2400
4 1/2°

4 1/4°

set T 13 3/8 csg 0.1 2200' drill out 12 1/4' bit

Instruments have not arrived

No pen for H.F.C.

W_89
V_41

W_89
V_68

11-15-72

11-16-72

WOB 5-20m
RPM 150
SPM 60
PP 1150

WOB 25m
RPM 130

.01 .1 1.0 10 .01 .1 1.0

NB 4 M88N

sh-a/a calc in pt

sh-a/a ptly carb

sh-a/a tr calc pyr
tr cmt

10 10 100
sh-dk gy micro mica tr
calc & pyr

4 1/4°

2500

4°

4 1/2°

2600

4 3/4°

2700

4 3/4°

4 3/4°

2800

5°

TG

H.F.C. very nervous
unable to read C3&C4

RPM 130

11-17-72

W 8.8
V 29
Ph 11

WCB 30m
RPM 150

WOB 45m
RPM 120

0.1

0.1

1.0

1.0

0.1

0.1

1.0

sh-dk gy micro mica fi
s in pt tr pyr/calc
soft to med hd abnt
carb mat tr cmt tr
sks

sh-a/a tr foss rep w/
pyr

tr cmt

sh-a/a occ ang qtz gr

sh-dk gy micro mica so
ft/firm fiss in pt
tr vein fill tr ca
carb/pyr mnr amts
sks tr cmt

sh-a/a mnr amts lt/gy
sh

sh-dk gy micro mica w/
tr conc

sh-¹⁰lk gy micro mica ¹⁰
w/ tr conc-pyr-calc ¹⁰⁰

a/a

NB_5M44

sh-a/a tr/sks

5°

2900
4 1/4°

4°

3000

4 1/4°

3 7/8°

3100

3 3/4°

3200

NS

trap line froze

SG

T adj trap

adj trap

.01

.01

1.0

10

.01

.01

NS

RPM 120

W 8.8
V 29
Ph 11
WOB 40m
RPM 130
SPM 60
PE 1200

11-18-72

11-19-72

WOB 35m
RPM 80

NB-5 M44

sh-a/a tr sks

sh-med/dk gy a/a abnt
cvgs

DC.6

sh-sly slty in pt

sh-a/a tr glau

sly dol in pt

sh-med/dk gy micro mi
ca plty calc

NB-6 YMG-J

sh-med/dk gymicro mic
fiss/calc in pt tr
pyr/mol conc mnr
amts sks

sh-a/a

sh-dk gy micro mica¹⁰⁰
w/brn conc calc ca
rb ptgs tr pyr

sh-a/a

sh-a/a silt lt brn
mic glau ss wh s/a

NS

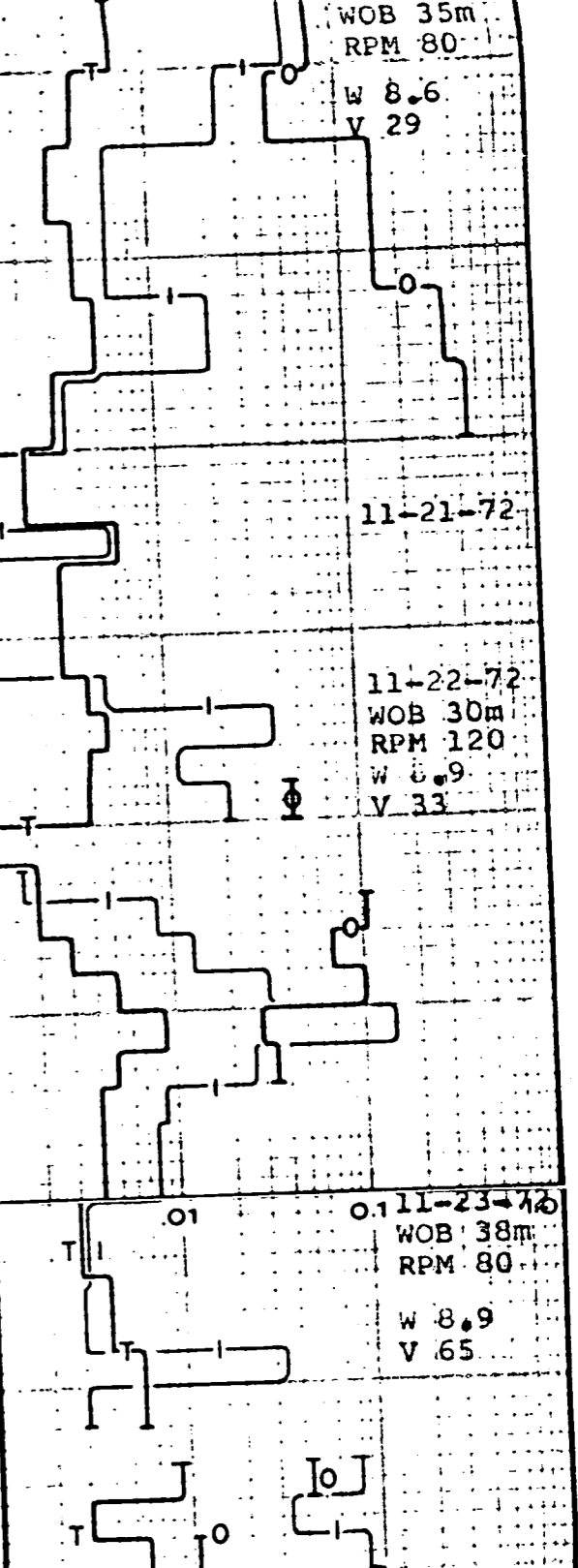
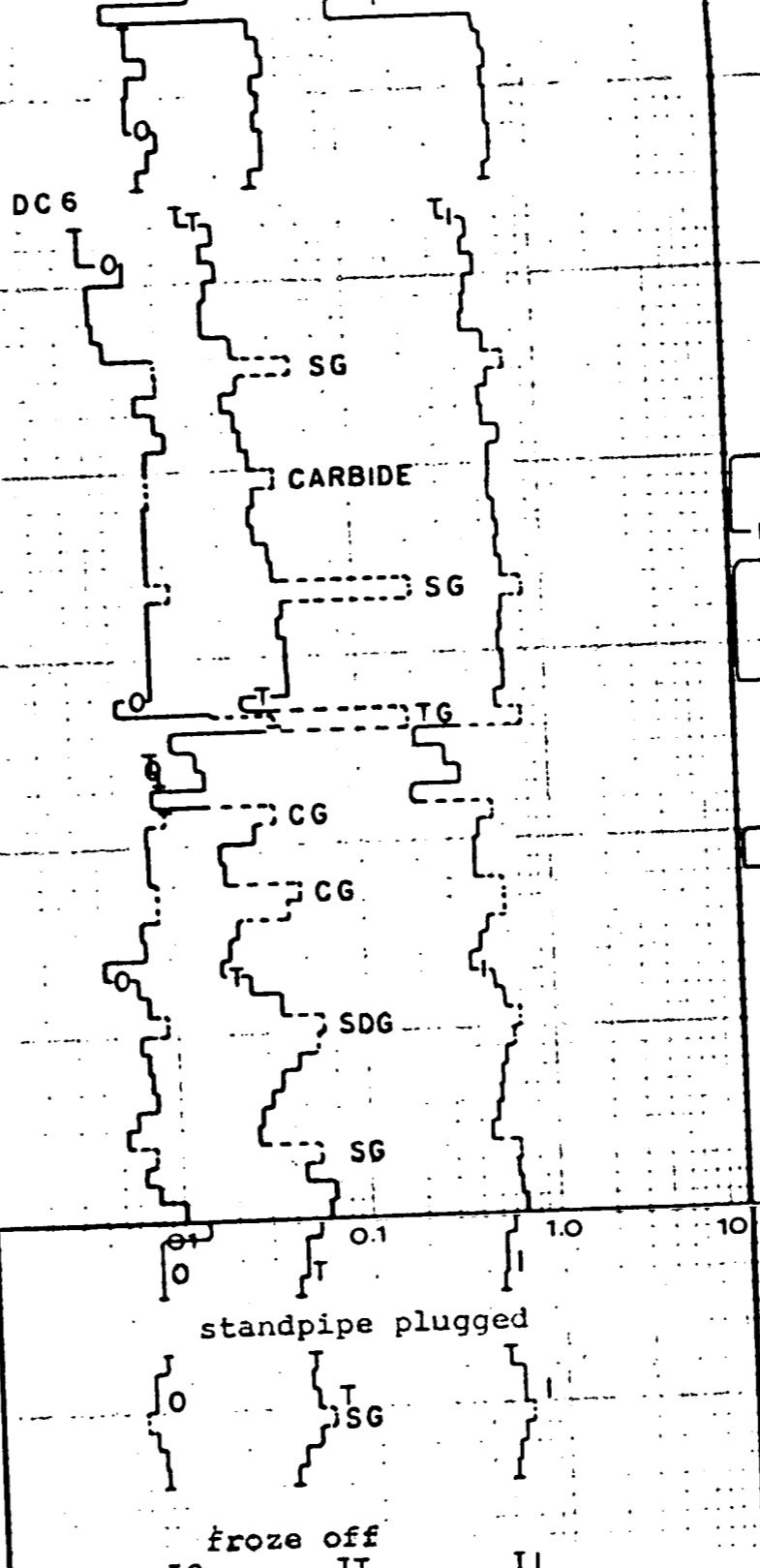
3300
5 1/4°

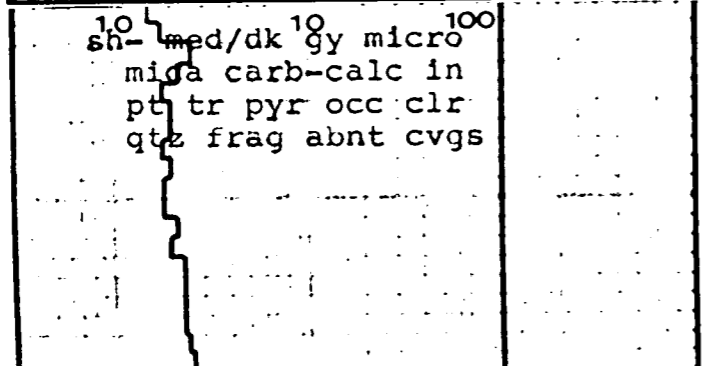
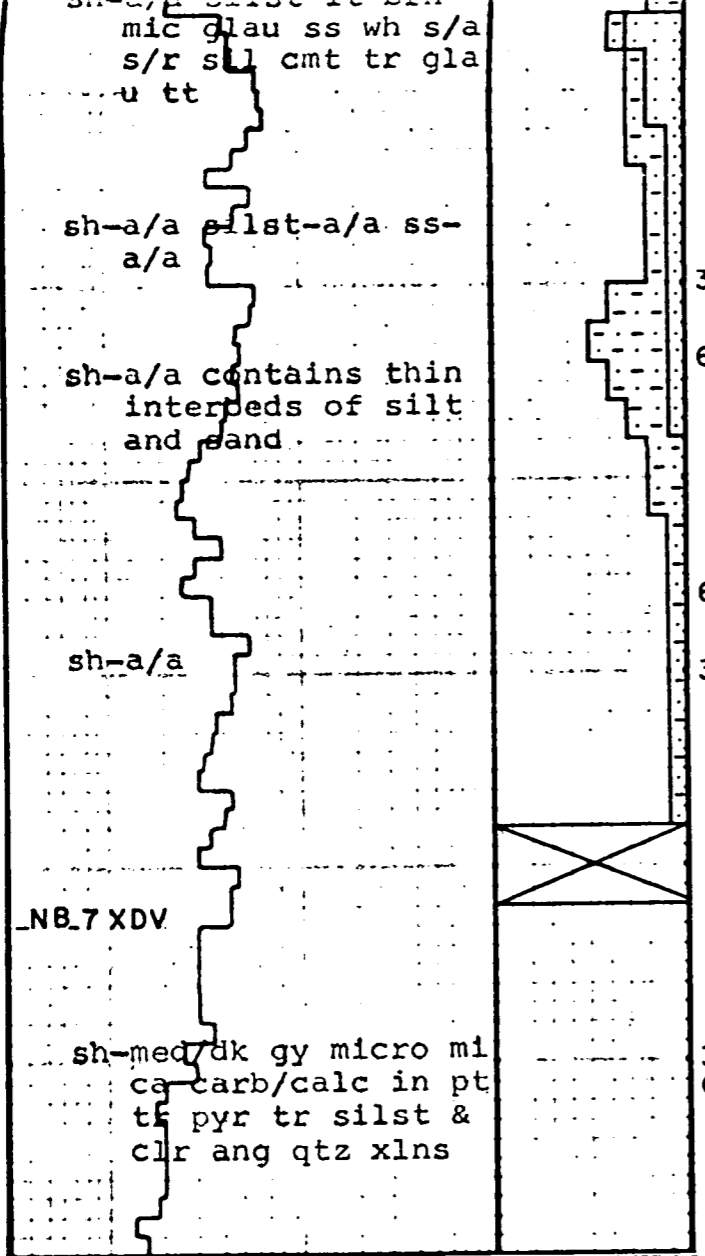
3400

6 1/4°
3500

6°

3600





6°

3700

61/4°

61/8°

3800

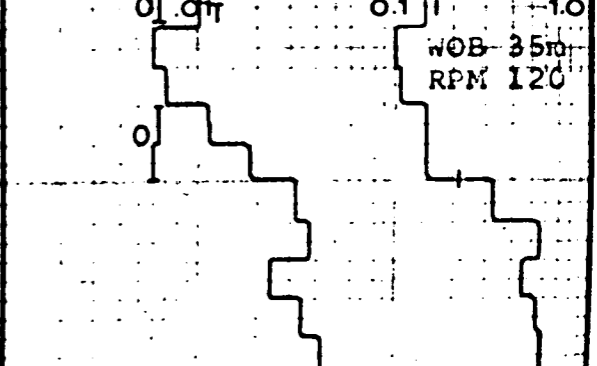
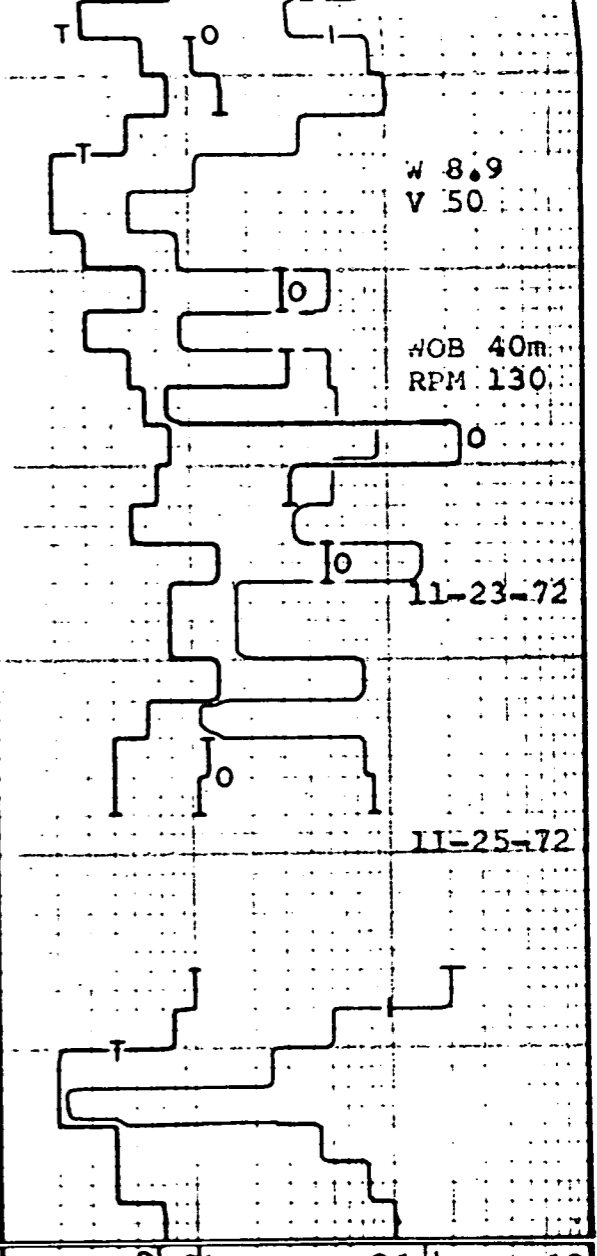
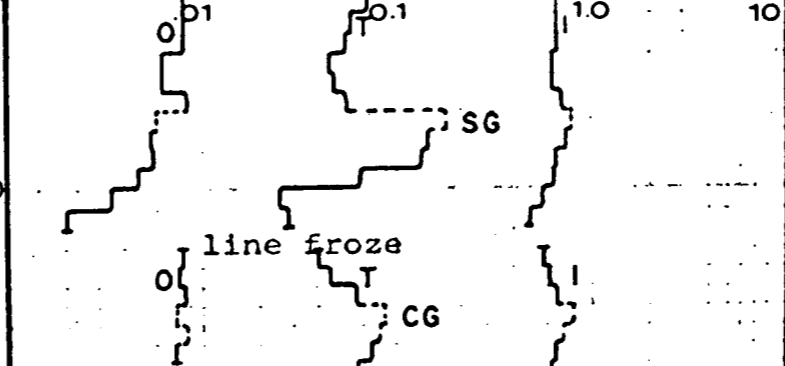
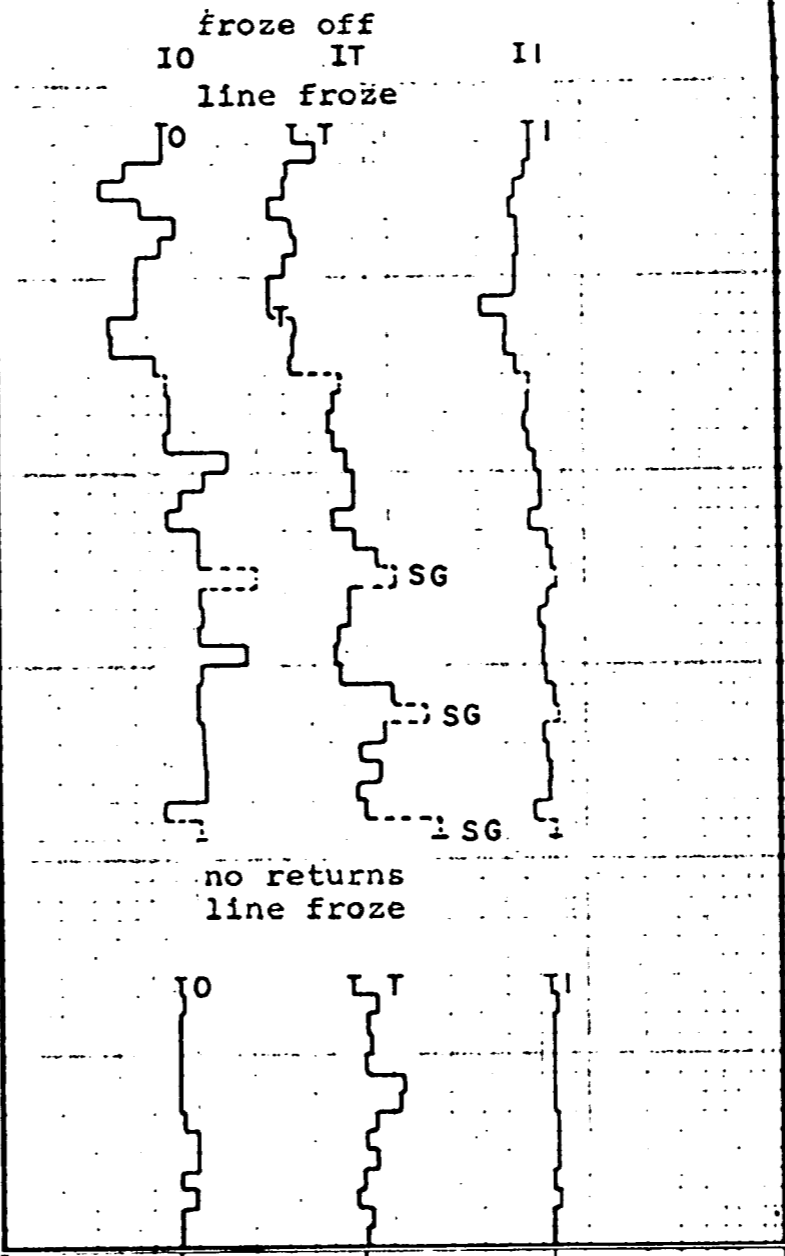
61/8°

3900

61/4°

4000

61/2°



sh-a/a

6 1/2°

4100

line froze

sh-a/a tr gyp

6°

4200

line froze

sh-a/a

6 1/4°

4300

sh-med/dk gy micro m
ica fiss carb-calc
in pt tr brn conc-
gyp abnt cvgs thro
ugh out section.

CARBIDE LAG 58 MIN

sh¹⁰-med/dk gy¹⁰ micro¹⁰⁰
ca fiss w/pyr-carb
tr gyp abnt cvgs

7°

4400

sh-a/a tr brn dol conc
sh is slty in pt

WB.8
V. 50

11-26-72

WOB 35m
RPM 120
W 8.8
V 50

sh-a/a

NB.8544

sh-a/a cvgs-not reper
sentive of section
drag

sh-a/a

sh-med/dk gy micro mi
ca plty ca/qtz vein
fil slty in pt tr
pyr/gyp brn dol co
nc

tr foss pyr replac
en

sh-a/a

sh-med/dk gy micro¹⁰⁰
ica carb in pt tr
pyr/gyp/brn dol c
onc tr calc qtz f
rag

8°

4500

4600

4700

7°

4800

no returns

SG

T TG

SDG

CG

line froze

CG

CG

SG

W 8.8

V 50

11-27-72

insufficient samples

W 9.1

V 85

11-28-72

WOB 35m

RPM 150

W 9

V 85

.01

0.1

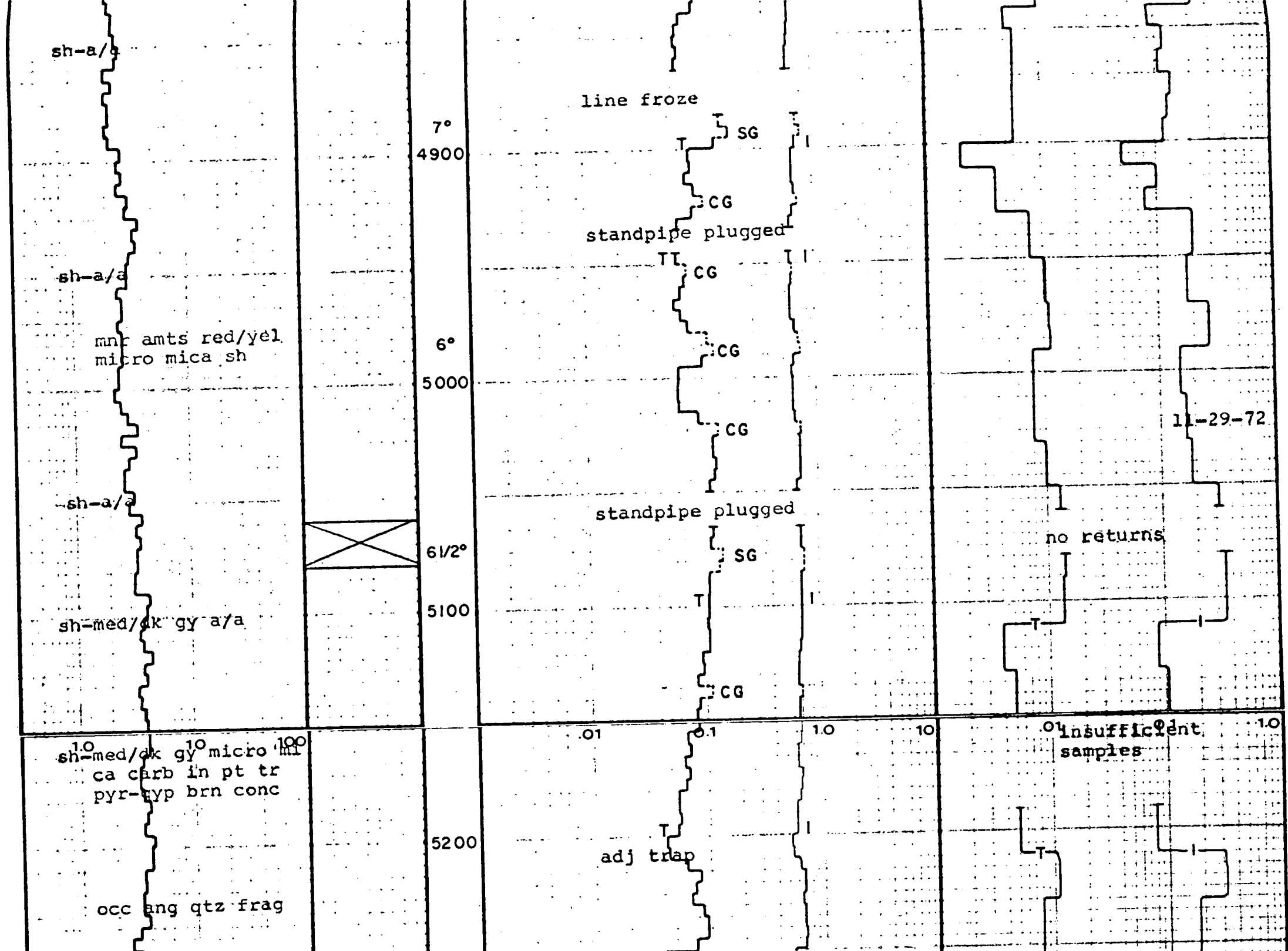
1.0

10

.01

0.1

1.0



sh-a/a

line froze

7°
4900

SG

sh-a/a

standpipe plugged

CG

mn. amts red/yel
micro mica sh

6°
5000

CG

sh-a/a

standpipe plugged

CG

CG

11-29-72

6 1/2°

SG

no returns

sh-med/dk gy a/a

5100

T

CG

sh-med/dk gy micro
ca carb in pt tr
pyr-tyr brn conc

5200

0.1

0.1

1.0

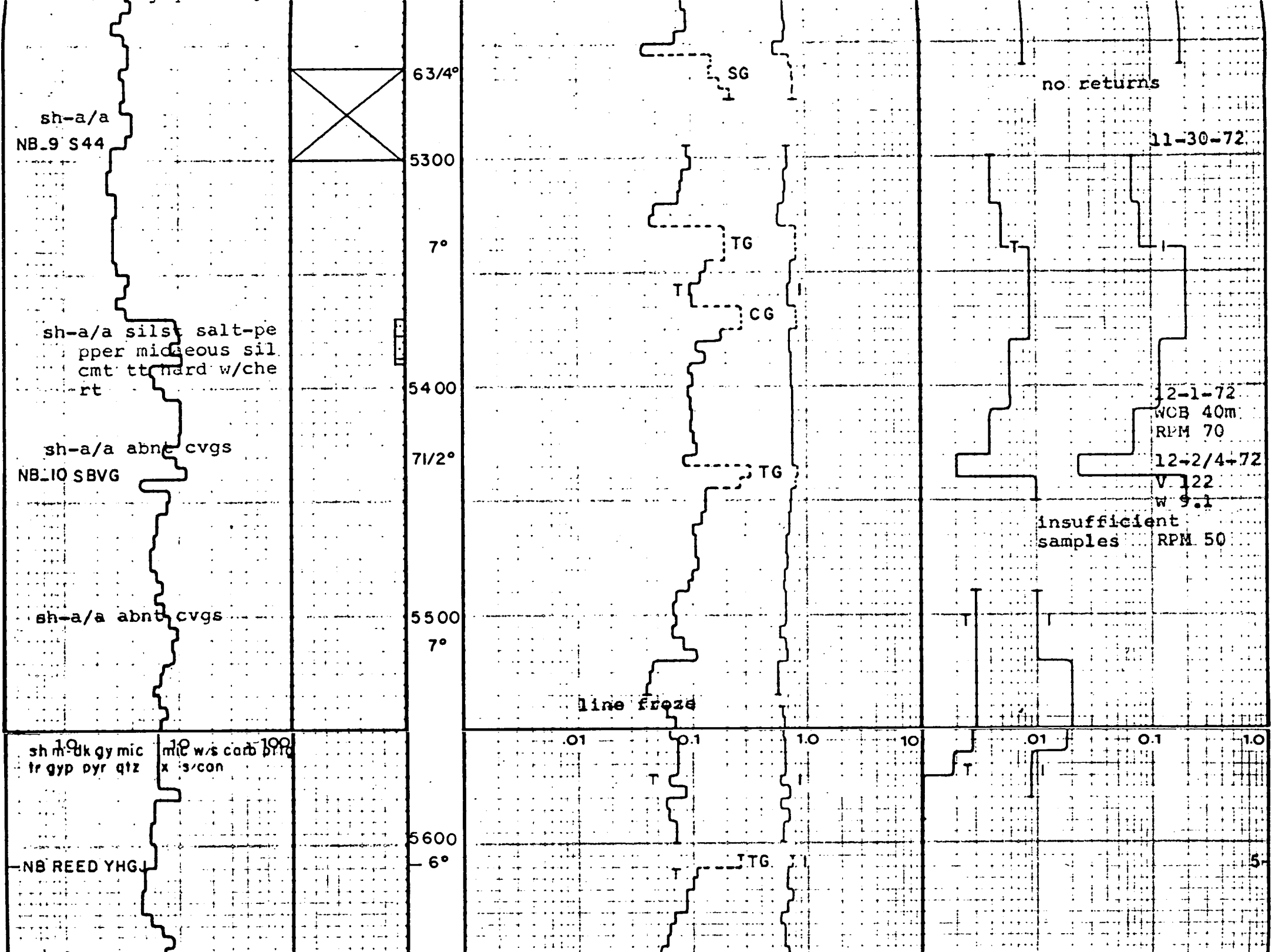
10

insufficient
samples

10

adj trap

occ ang qtz frag

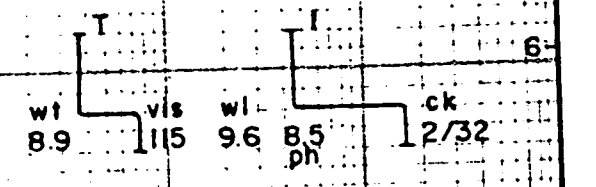


sh a/a
silst bn sli sdy arg hd tite

5700
7°

sh a/a

T
SDG



NB REED SBVG

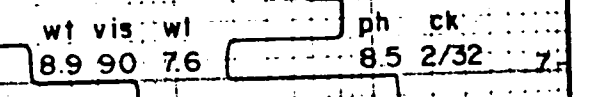
4 1/4°
5800

TG

ADJ. TRAP

sh m-dk gy mic mic plty s/carb s/dolic

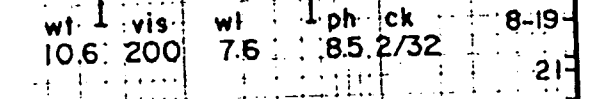
carbide lag



NB SECH77S REED YHWGJ silst ln s/p sil-silidolic arg hd

4°

TG



NB REED YHWGJ

NBREED SBVG ss vf-fg gy s/ p sil arg w/kao pyr

5900

TG

NB REED YHWGJ sh dkgy-blk abd pyr

TG

chromat. inoperative

silstgy sil w/fracs qtz x

ss gy s/p vf-fg sil ark w/frac qtz x-grns

3 1/2°
6000



NB SEC M88 silst gy-dkgy sil-sil dolic

ss vf-fg s/p sil ark w/fracs s/ qtz x pyr kao

NBREED SCH5 sh gy-dkgy mic mic s/ silty-pyr

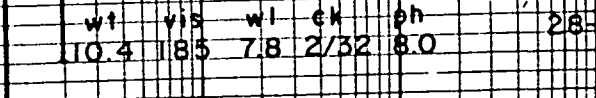
silst gy-dkgy mic mic s/ dolic-pyr

TG

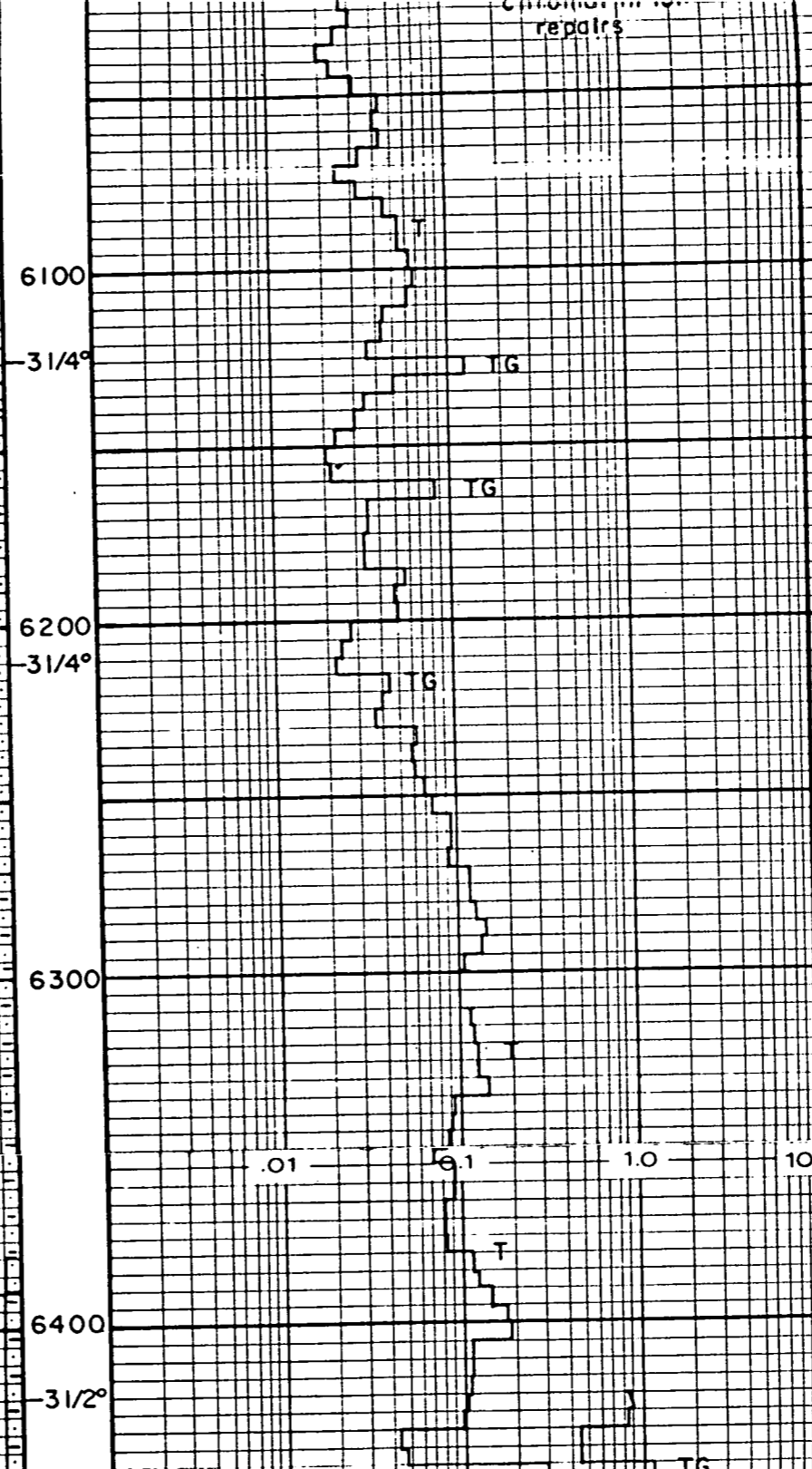
T

TG

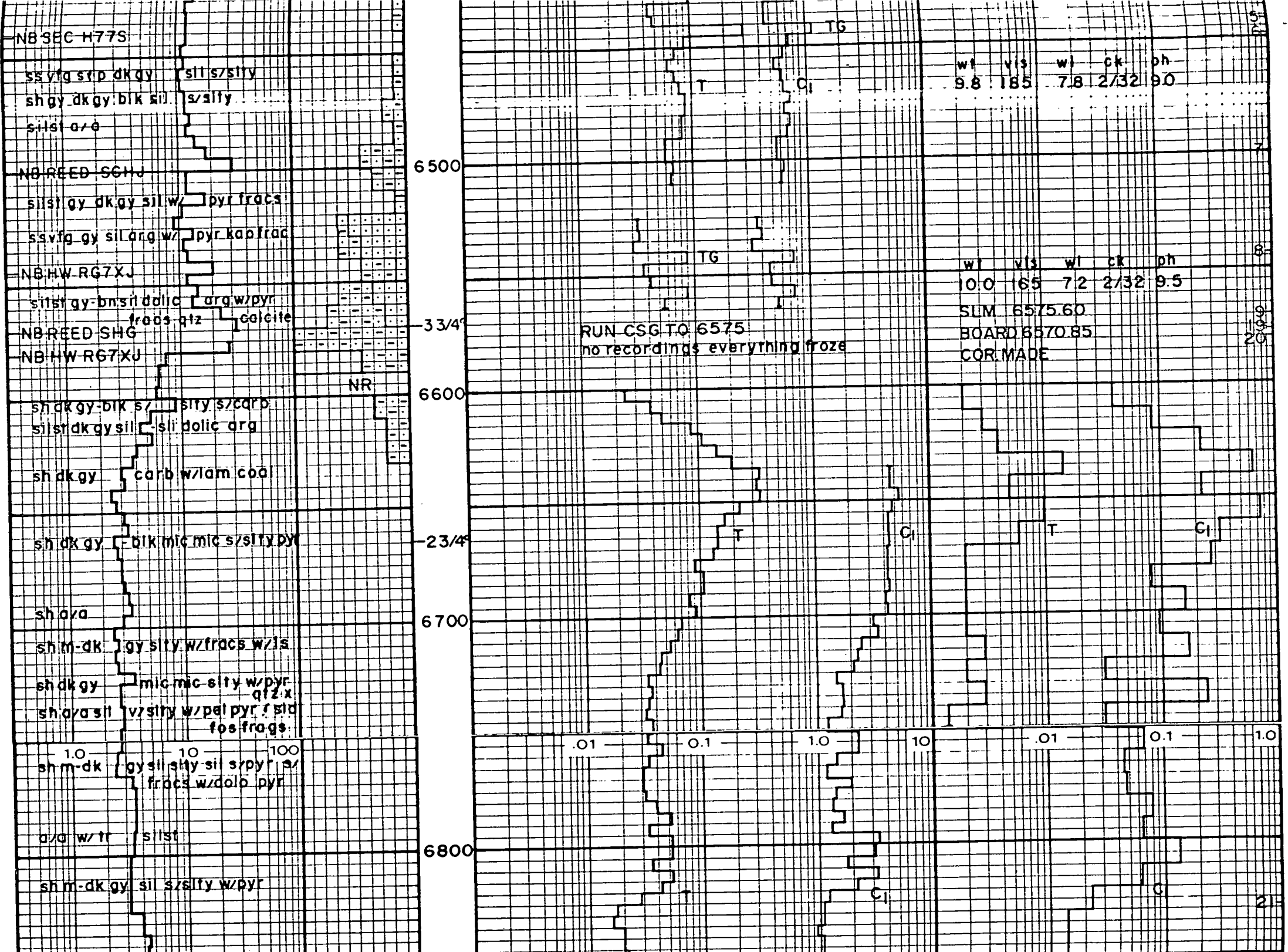
chromat. in for repairs

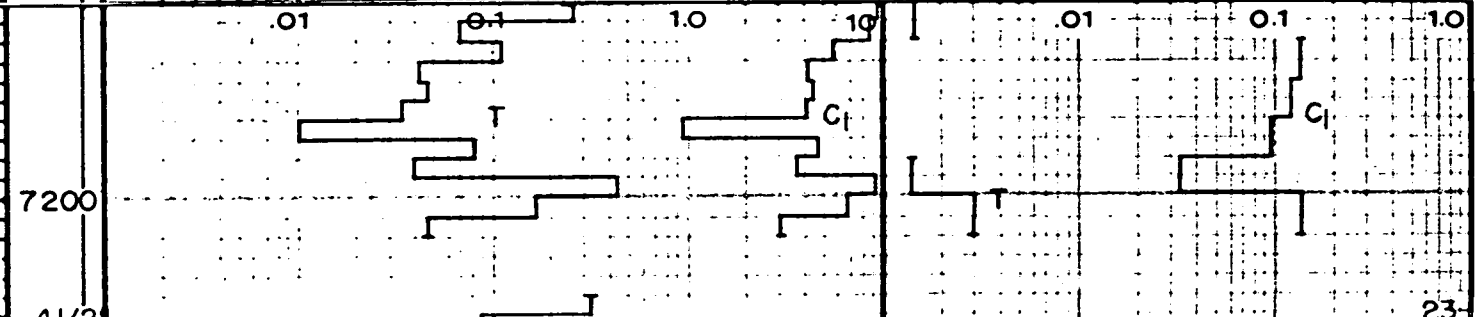
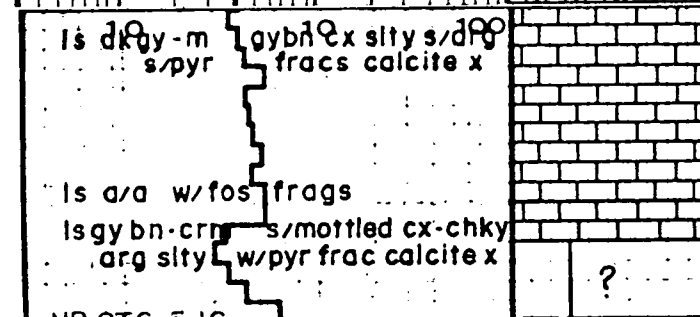
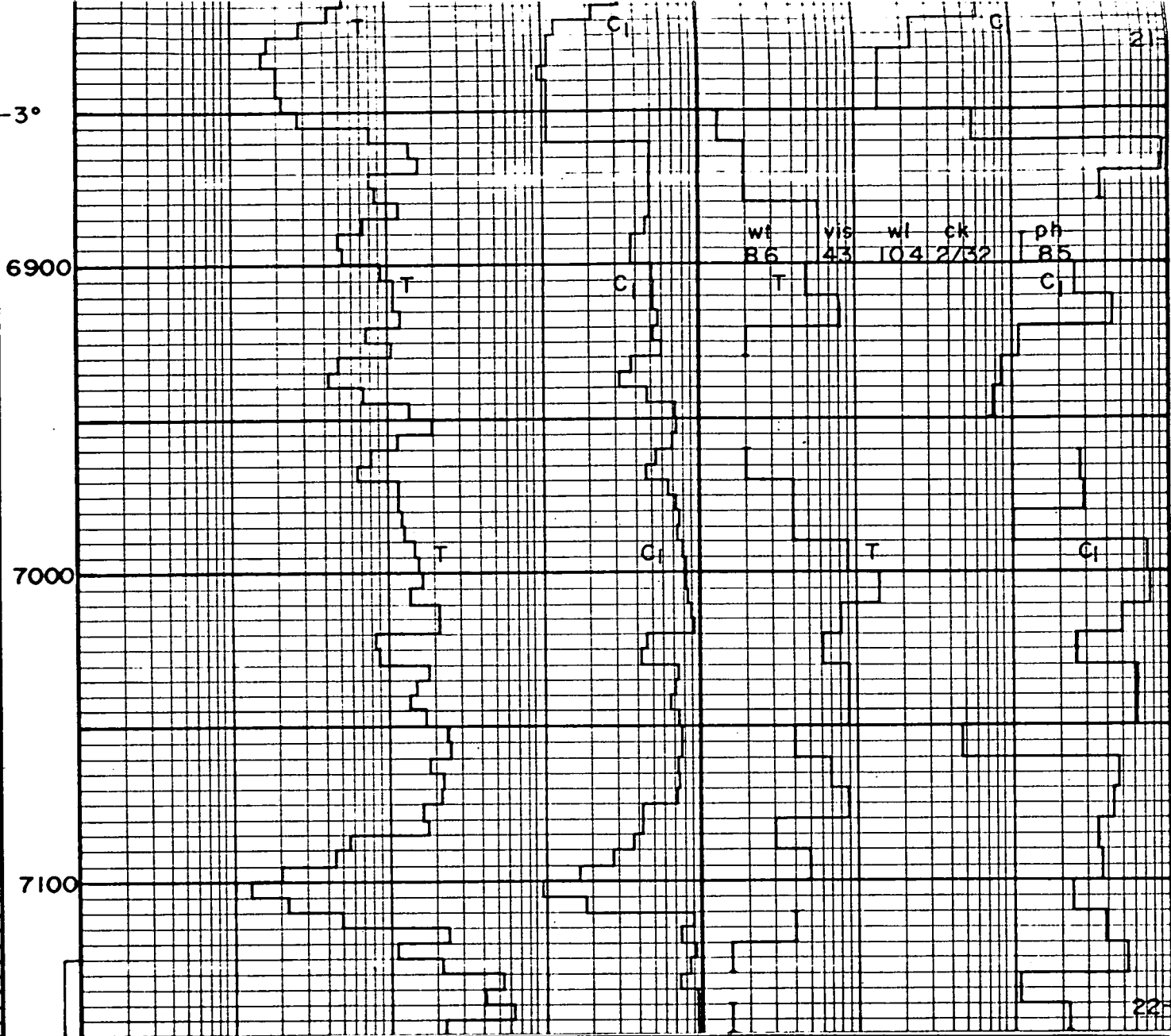
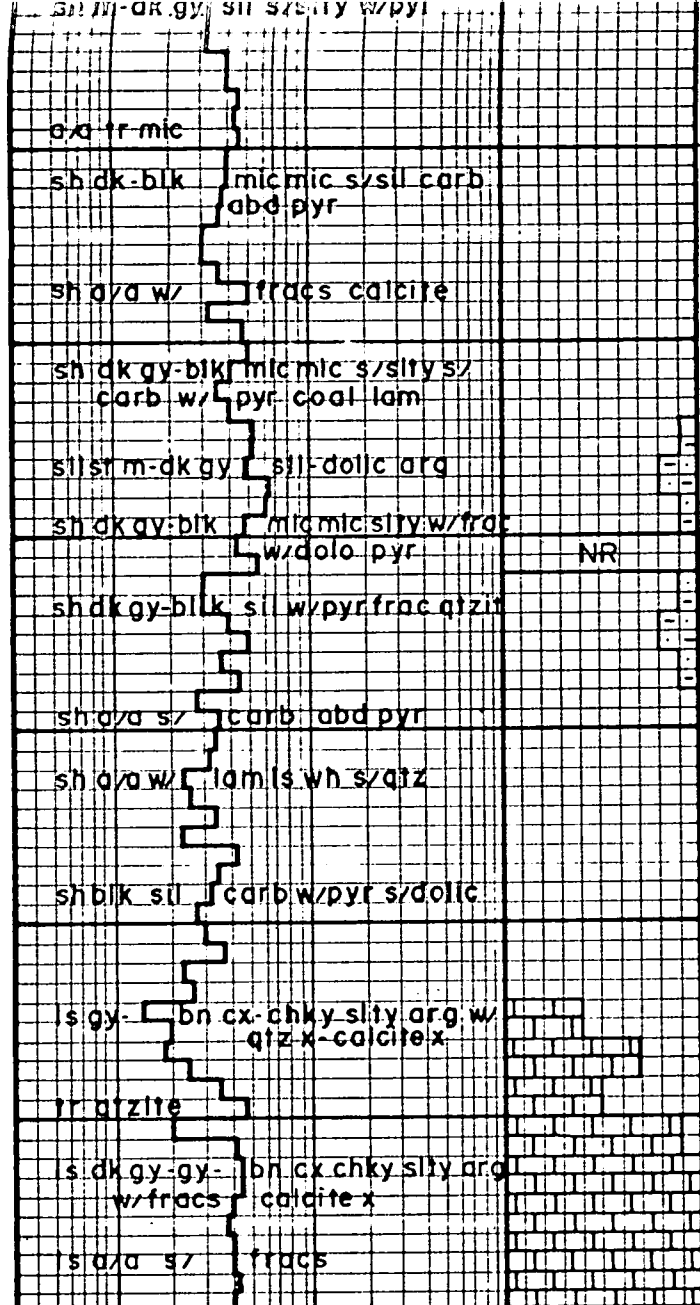


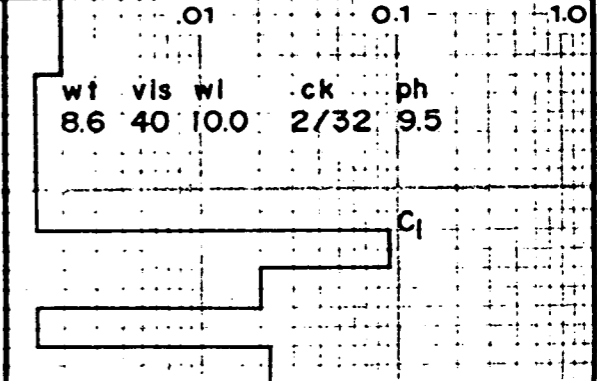
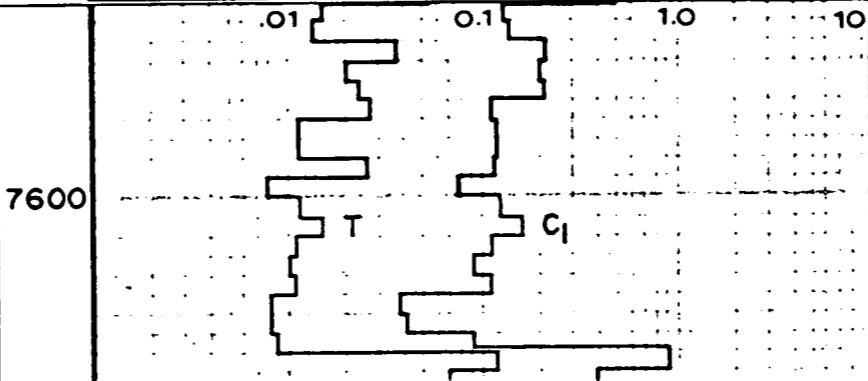
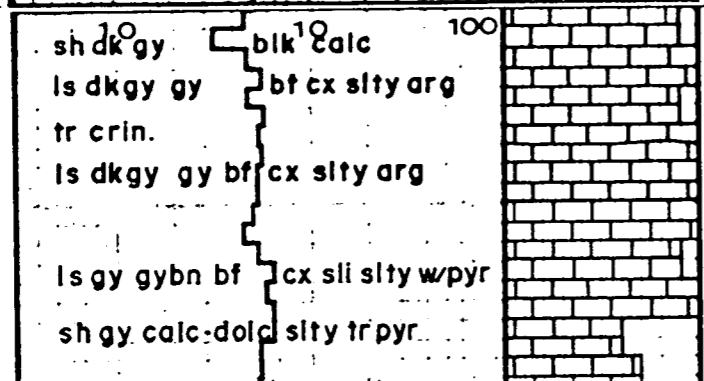
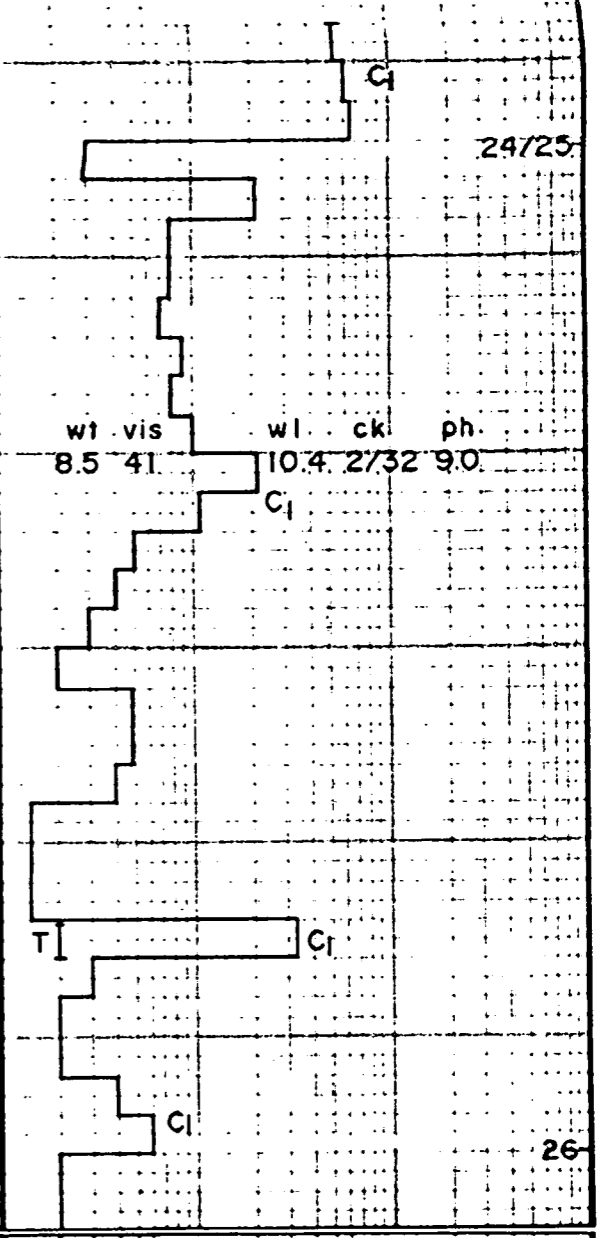
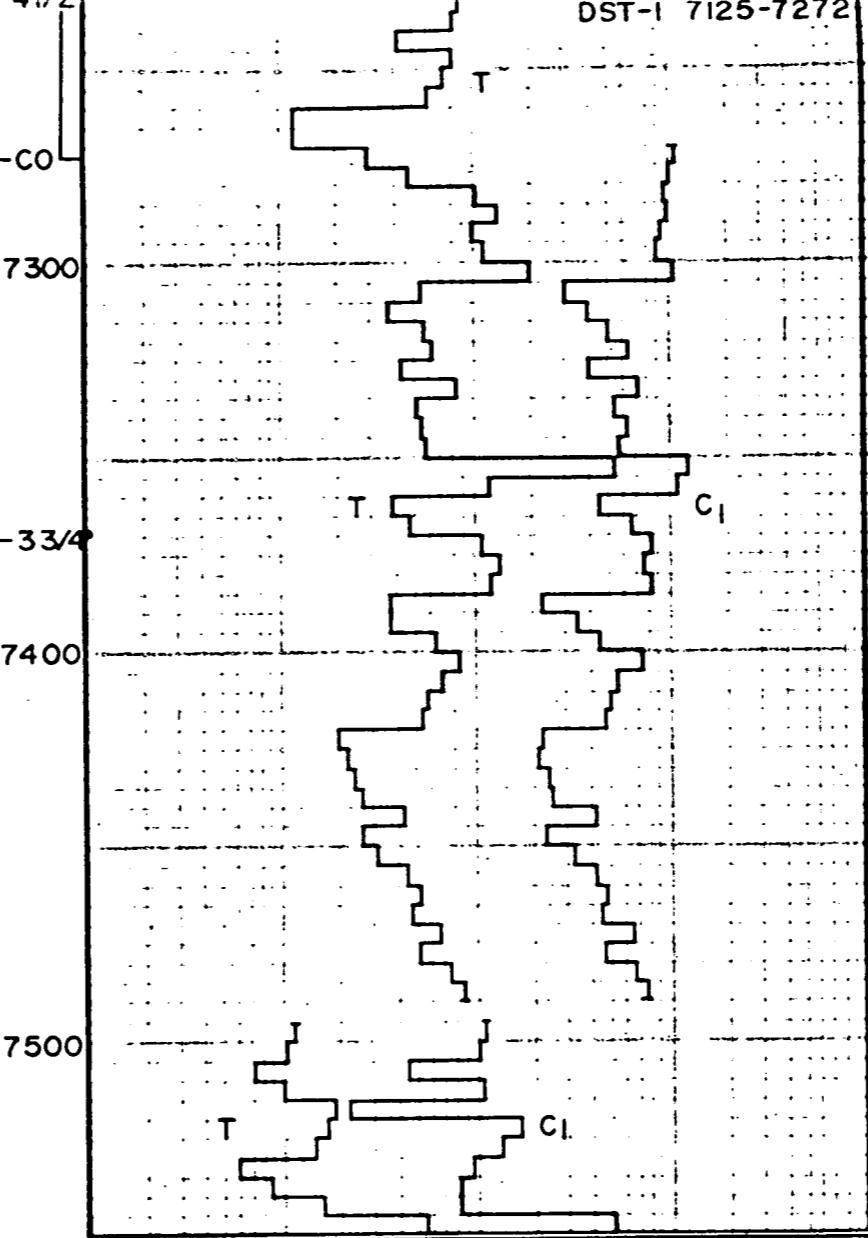
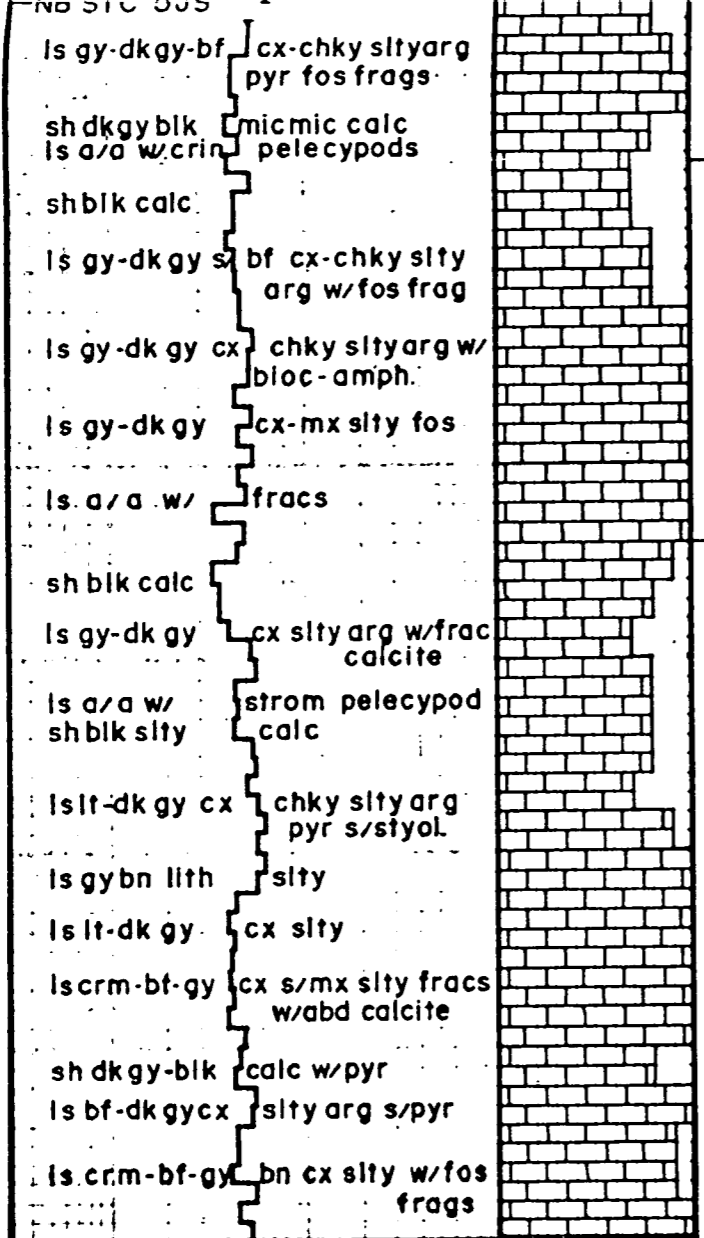
sh gy-dk gy mic mic s/ slty+ pyr
 silst gy-dk gy sil sl dolc- pyr
 ssvfg s/p sil ark s/koo/qtz
 silst gy-dk gy sil w/ pyr
 sh gy-dk gy mic mic sil s/dolc
 silst gy-dk gy sil w/sli dolc
 NB REED SCH 5
 sh gy-dk gy sil s/mic mic s/sly
 NB REED SBVG
 sh gy-dk gy s/sly w/fracs w/
 calcite
 ssvfg s/p sil sl w/ka o qtz x w/
 pyr
 ssvf fg slty sil fri firm w/pyr koo
 fr por
 NB SEC M44
 NB HW RG7XJ
 ssvfg bn s/p sil w/fr ka o fri-
 firm
 sh dk gy-dk bn s/sly w/pyr
 sh o/a w/s blk tr coal
 silst gy s/p sil s/sdy dolc pyr
 sh gy-dk gy-dk bn s/carb w/pyr s/
 fracs
 silst gy-dk gy-dk bn sil s/sdy
 1.0 10 100
 sh gy dk gy gy bn s/sly w/pyr
 silst gy dk gy sil s/ sdy
 31/2°

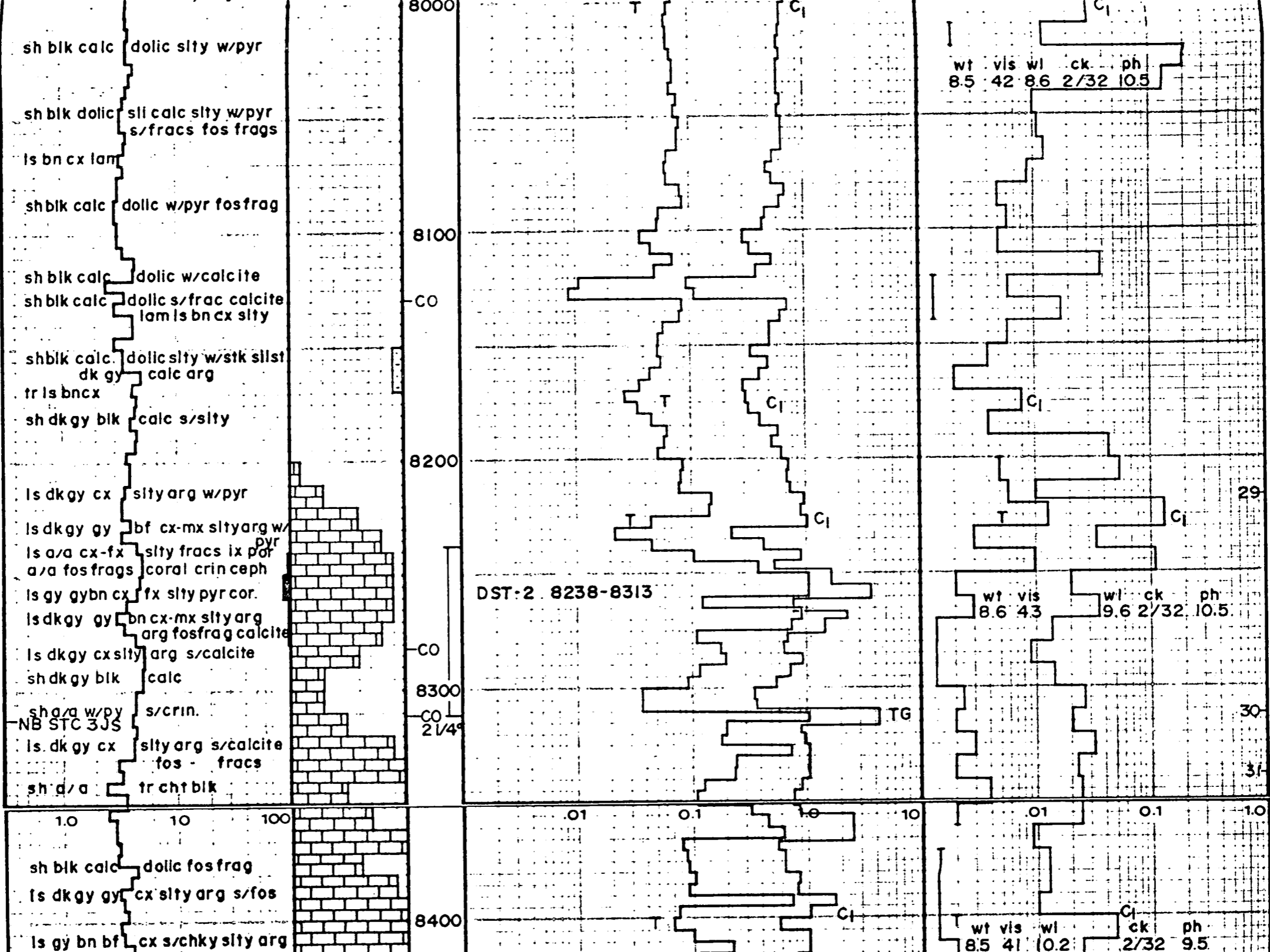


wt	vis	wt	ck	ph	
10.0	185	7.2	2/32	8.5	28
10.0	185	7.0	2/32	8.5	
10.0	205	7.2	2/32	8.5	30
10.0	185	7.4	2/32	9.0	1-1-73 2
10.0	180	7.6	2/32	8.5	
9.9	140	7.2	2/32	8.5	3
9.9	42	7.8	2/32	9.0	4







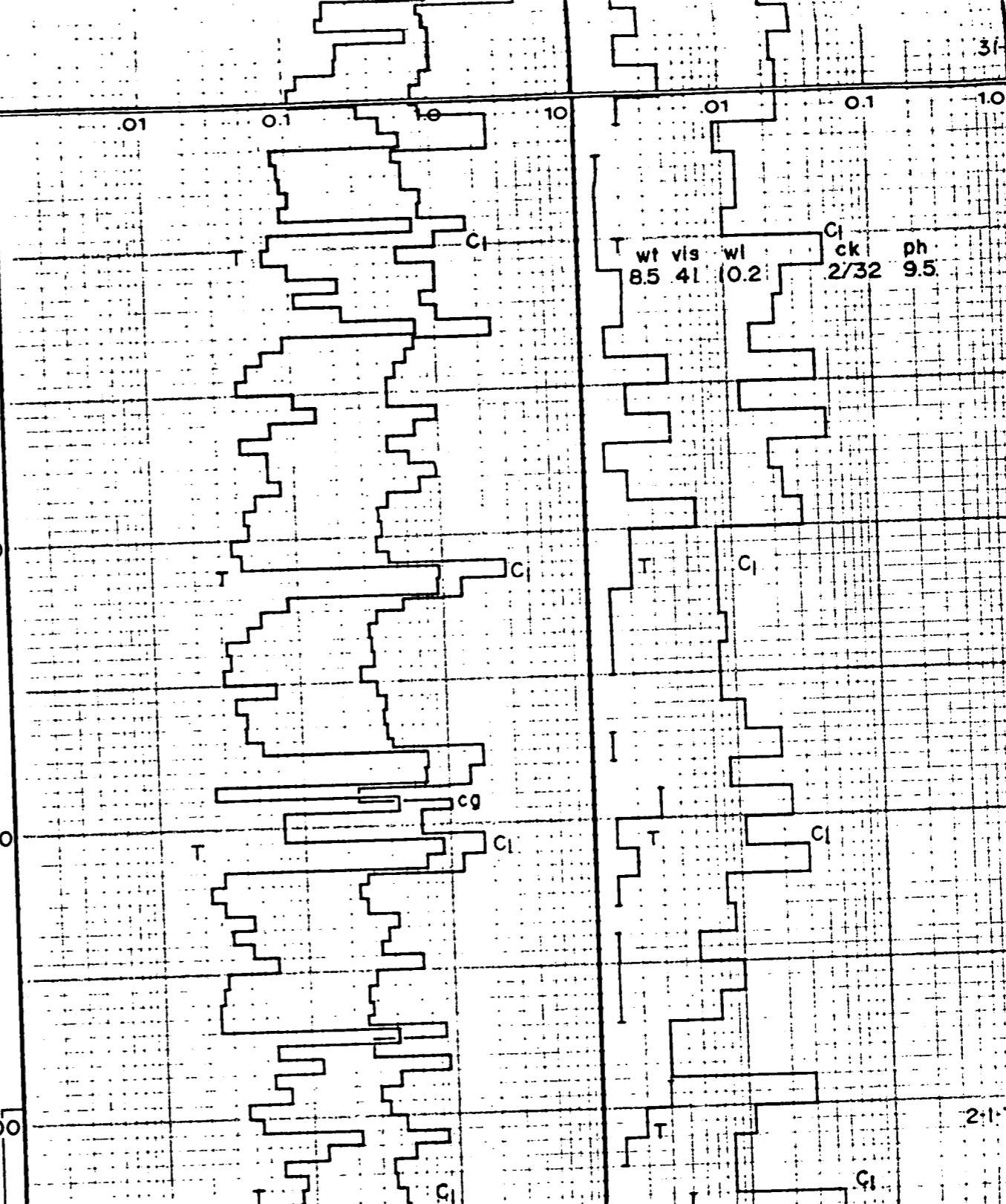


sh a/a w/py s/crin.
 NB STC 3JS
 ls dk gy cx slty arg s/calcite
 fos - frags
 sh a/a tr cht blk

2V49

1.0 10 100
 sh blk calc dolc fos frag
 ls dkgy gy cx slty arg s/fos
 ls gy bn bf cx s/chky slty arg
 frags calcite pyr
 ls dkgy gy bn bf cx chky slty
 ls a/a w/py r frags calcite
 ls dkgybn gy bf cx s/chky pel
 slty w/ frags calcite fos
 tr dolo dk bn cx
 ls a/a s/ arg
 ls dkgy bn bf cx-mx chky slty
 arg s/ frags calcite
 ls dkgybn bf cx chky slty arg
 ls dkgy arg abd bf cx s/crsx pel slty
 frags calcite fos
 sh blk calc slty
 dolo dkbn cx slty calc
 dolo dkbn cx calc slty arg
 ls dkgy gy arg pyr bf cx-mx chky slty
 fos frags
 sh blk doli c
 ls dkbn-gy cx slty s/arg w/frags
 s/calcite filled

8400
 8500
 8600
 8700



0.1 0.1 10 0.1 0.1 1.0
 wt vis wl ck ph
 8.5 41 0.2 2/32 9.5

2-1-73

ls lt-dk gy cx slty arg pyr w/
frac calcite fos

ls lt-dk gy cx slty arg calcite
abd bio deb crin

tr sh ptgs blk

ls a/a w/frac cs w/calcite fos

ls m gy cx mx slty w/fracs
w/abd calcite fos

ls lt-dk gycx slty arg w/lam sh
s/fracs abd calcite fos

ls lt-dk gy cx chky slty arg 100
fracs w/calcite

sh blk dolc

NB SEC H77S
dolodkbn cx slty

ls lt-dk gy-bn lith cx mx slty s/
fracs w/ calcite
tr sphalerite

ls lt-dk gy-dk bn cx chky slty
s/fracs w/ calcite fos frag

ls lt-dk gycx mx slty sll arg w/
fracs abd calcite

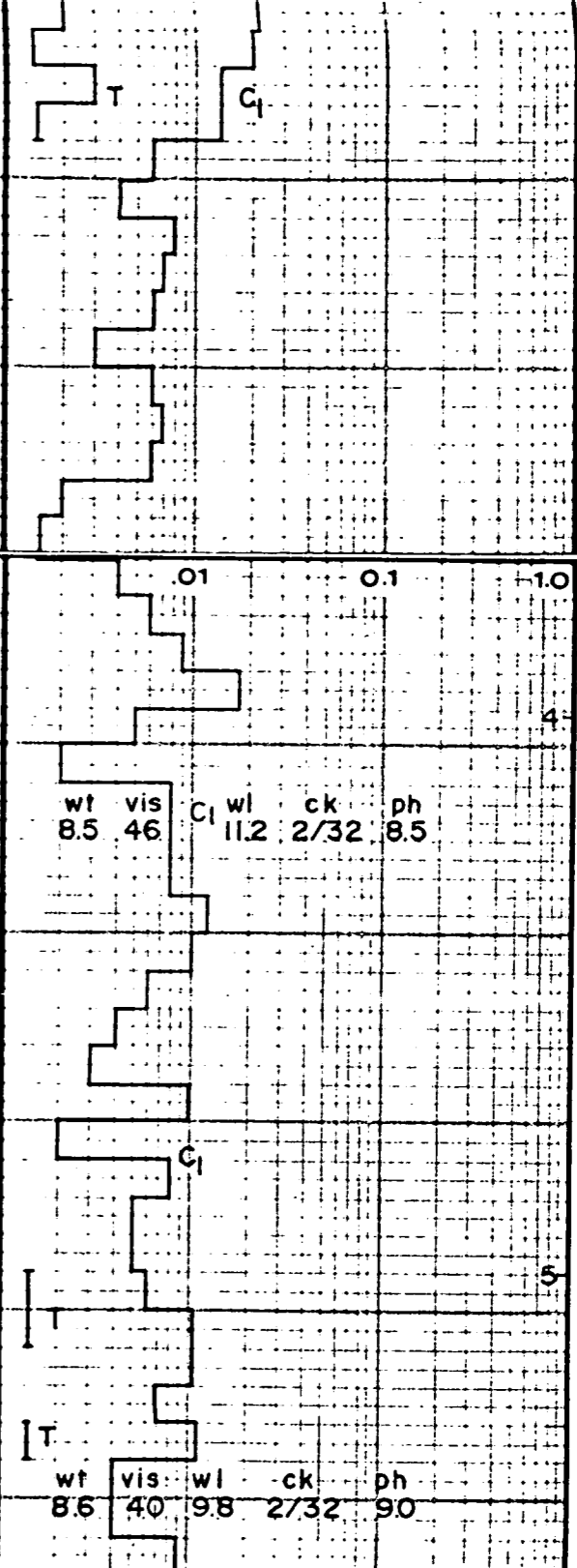
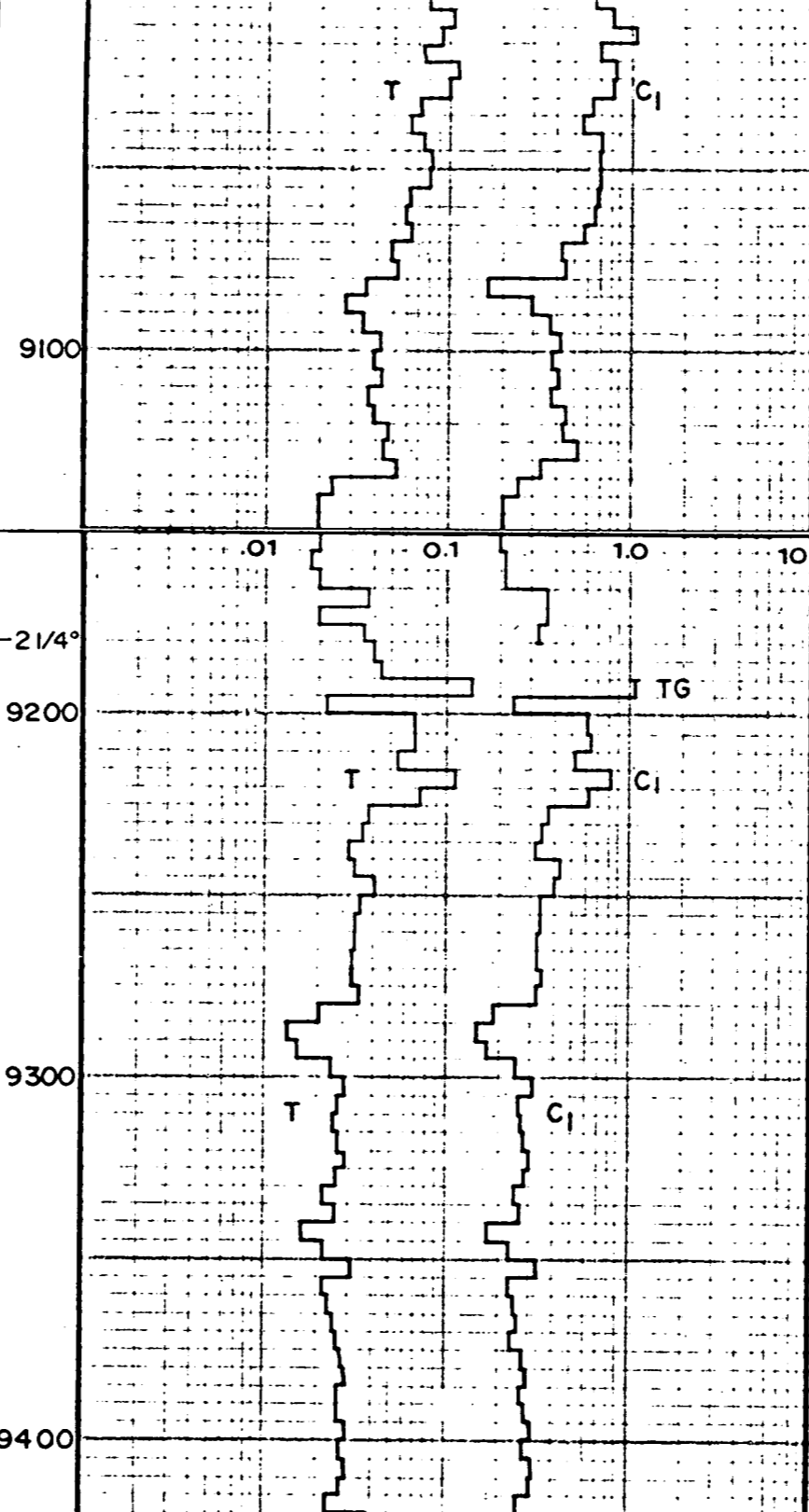
ls a/a tr crin

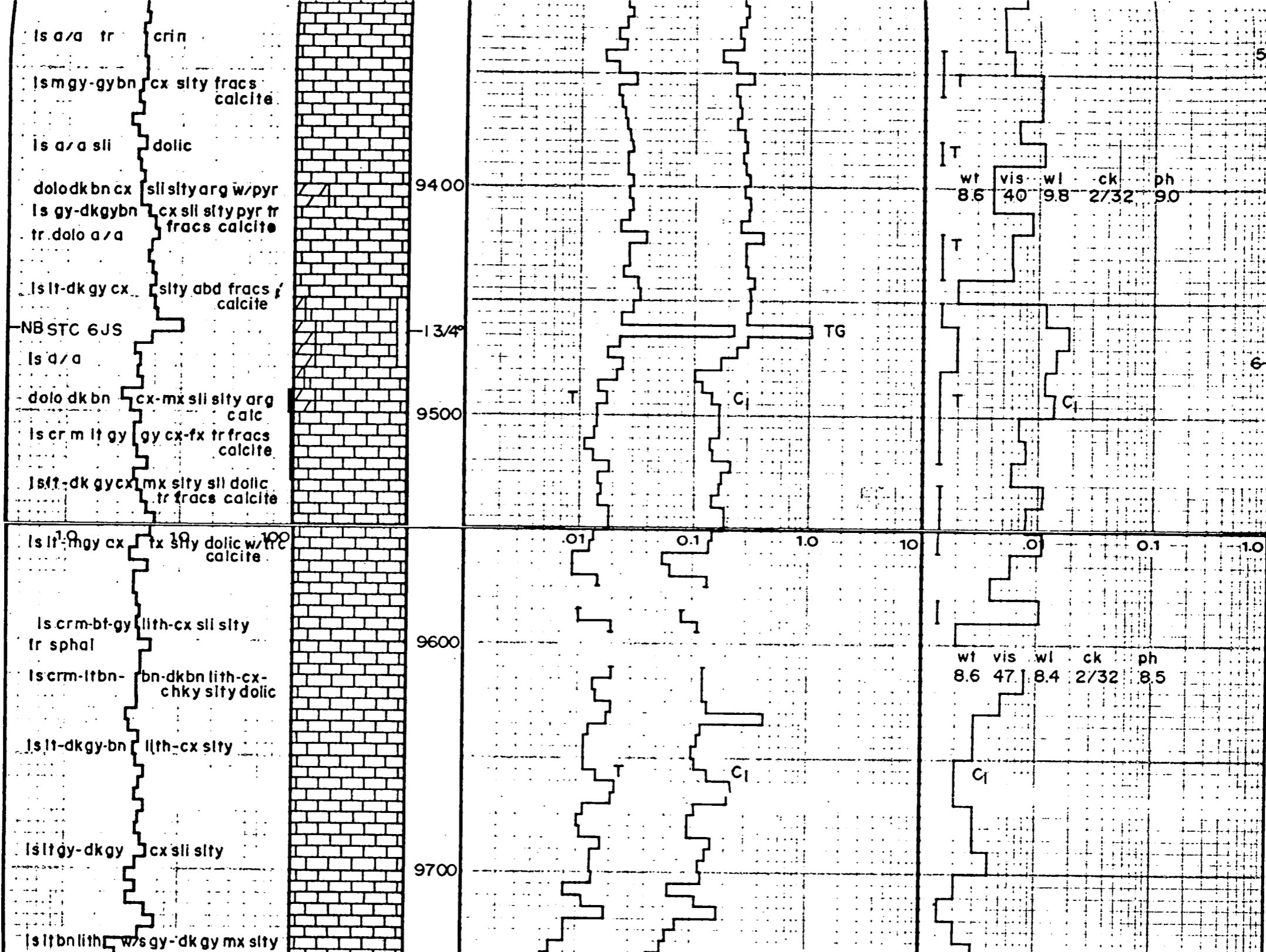
ls m gy-gybn cx slty fracs
calcite

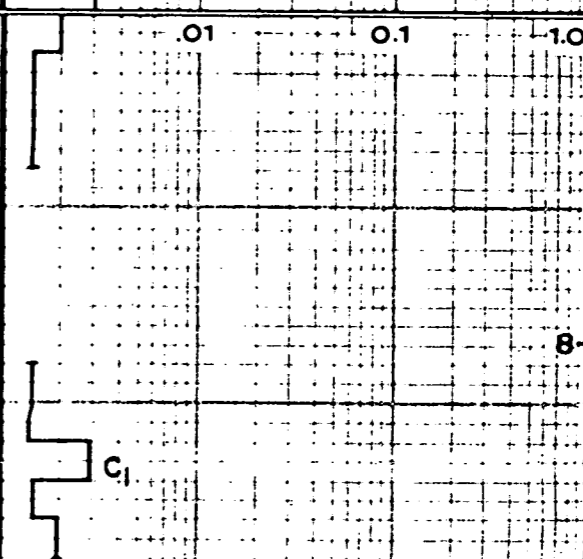
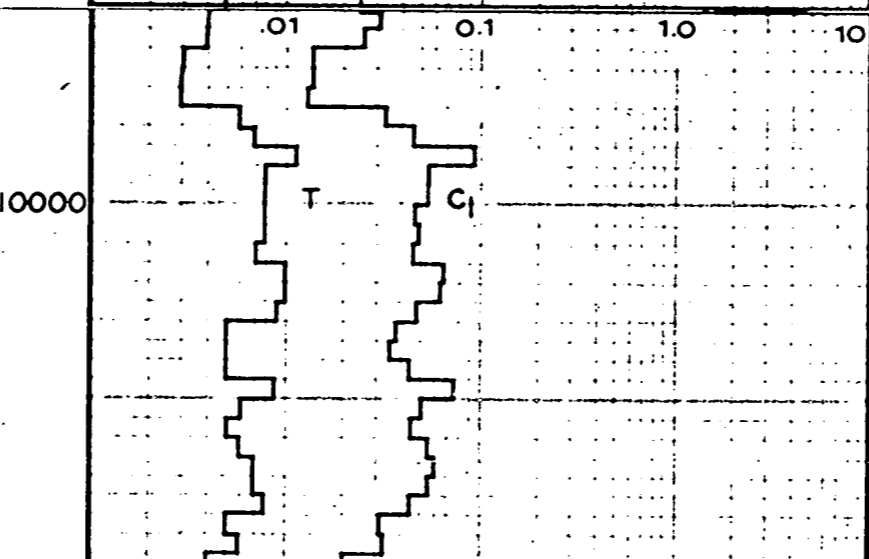
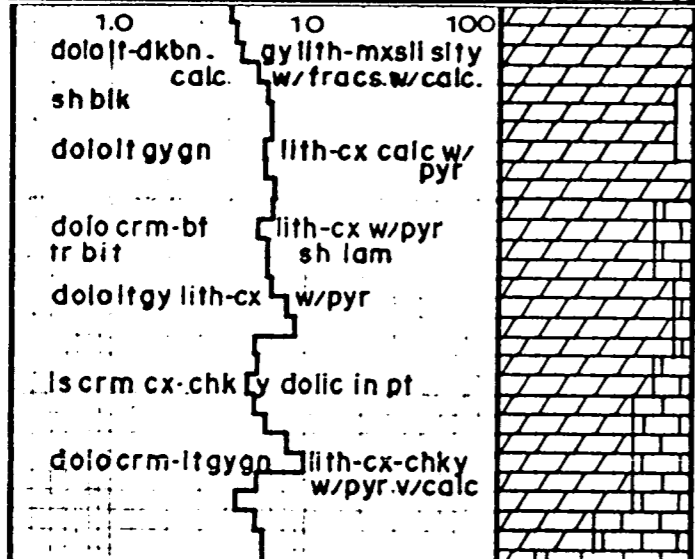
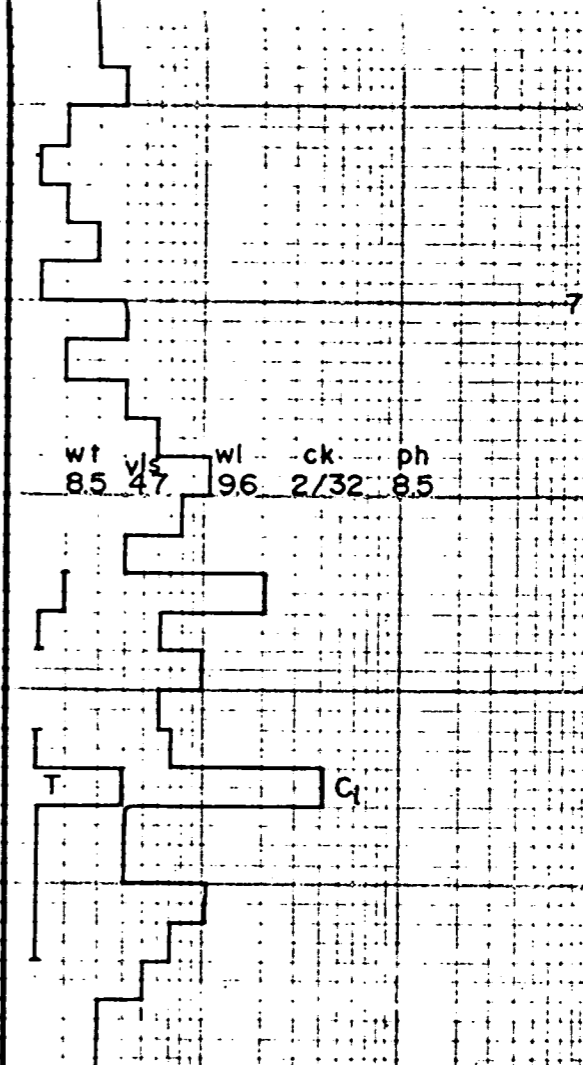
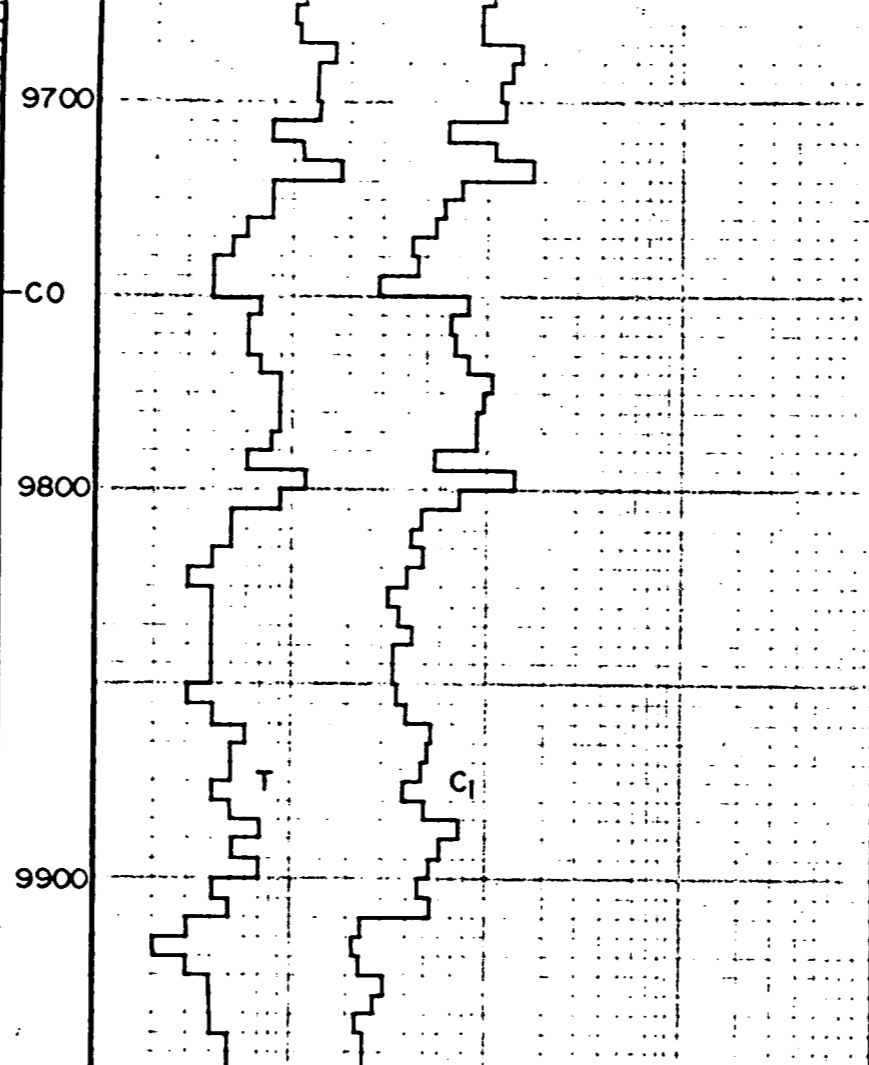
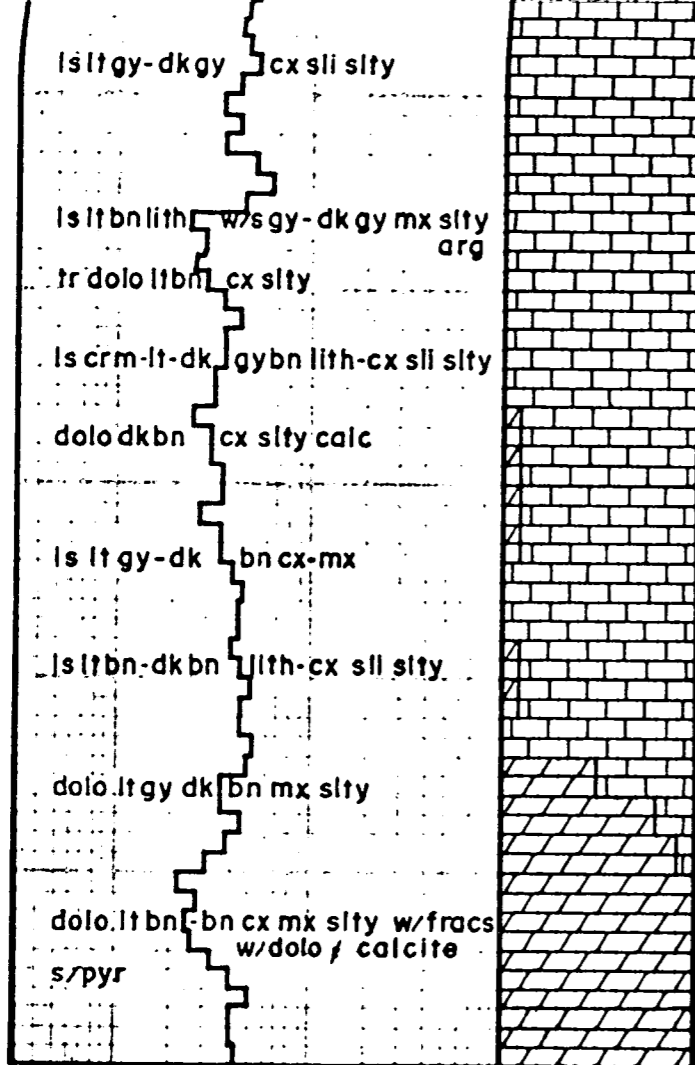
ls a/a sll dolc

dolodkbn cx sll slty arg w/pyr

ls gy-dk gybn cx sll slty pyr tr
fracs calcite

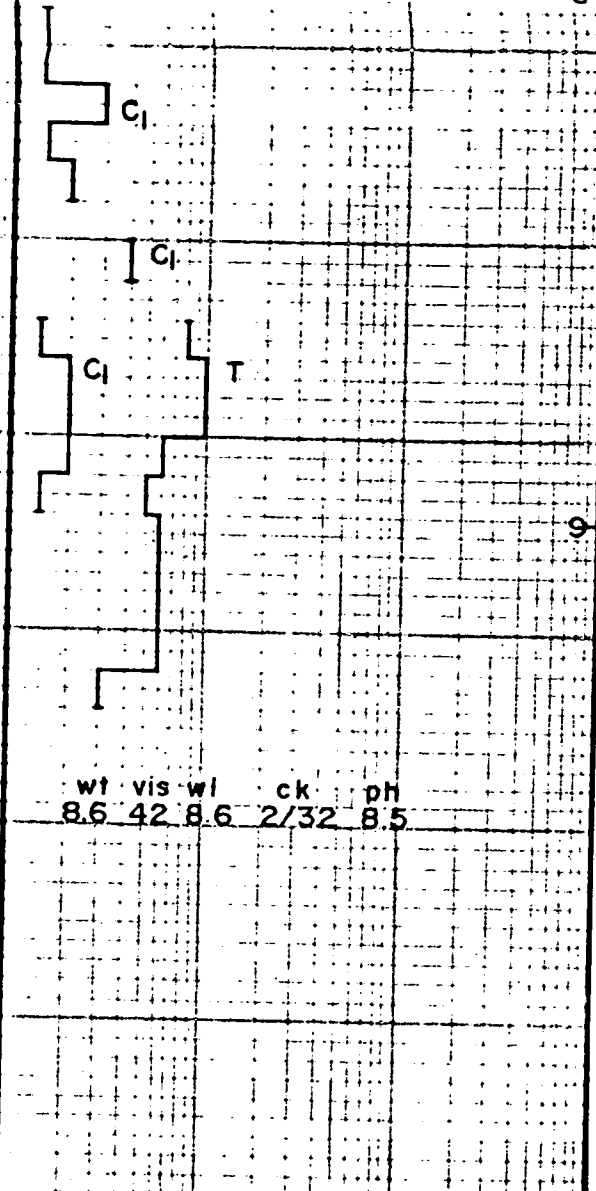
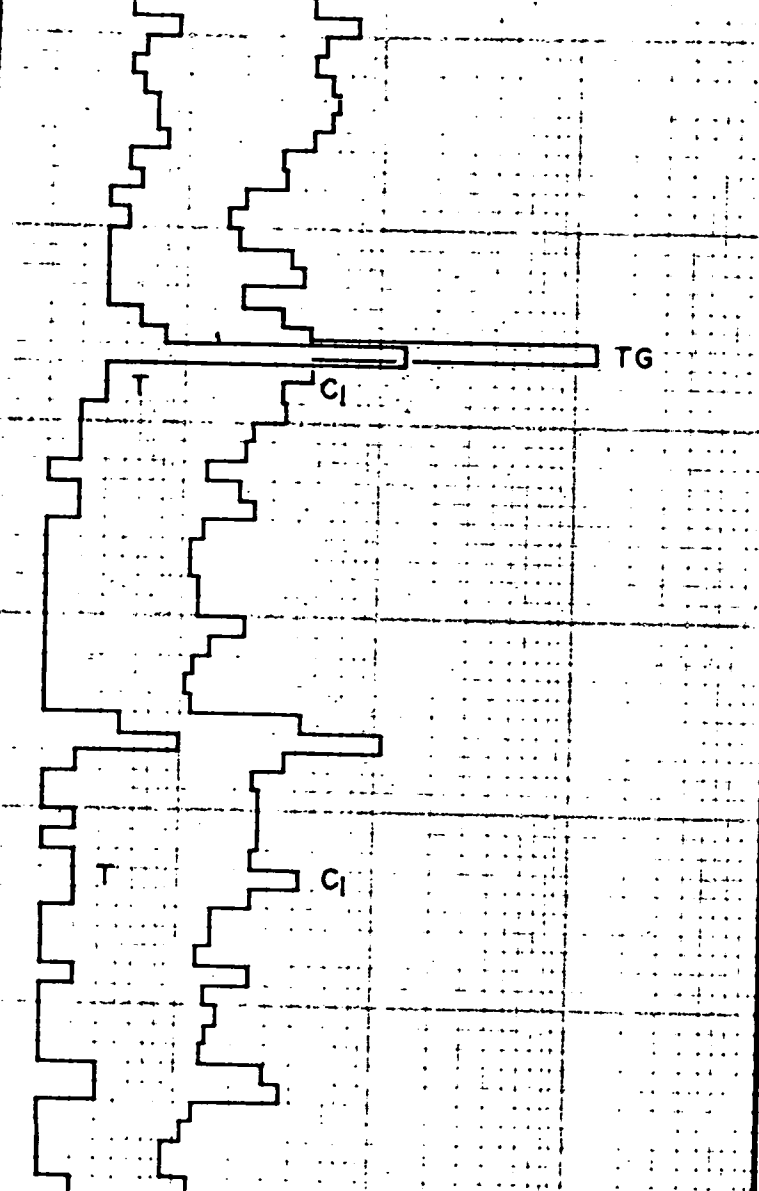
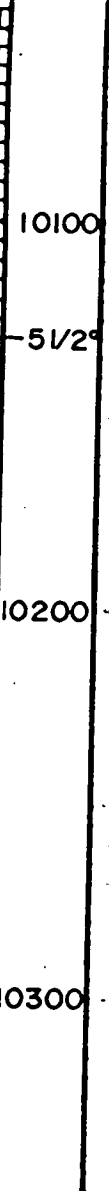




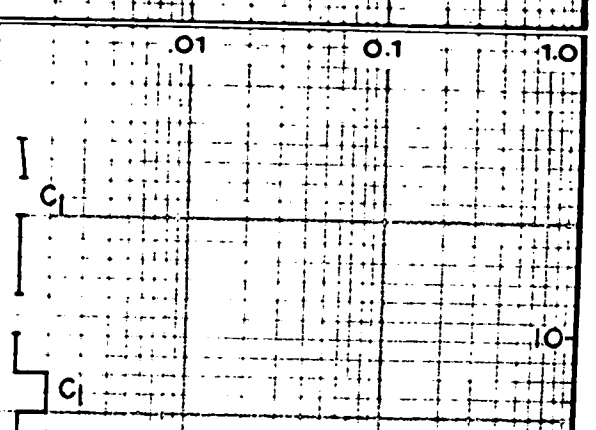
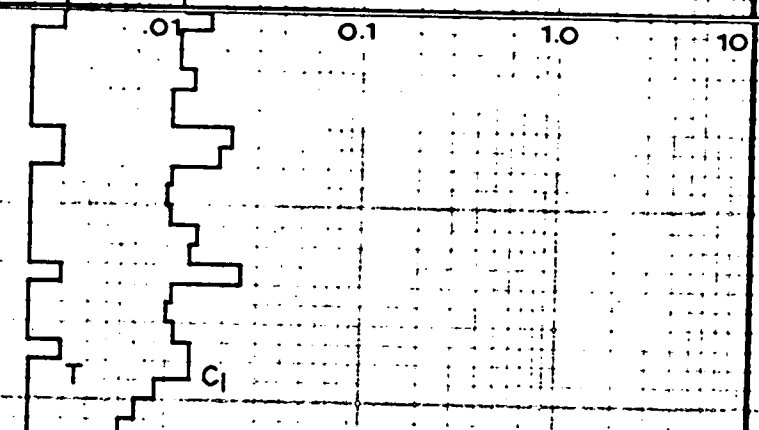
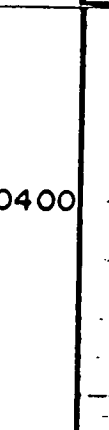


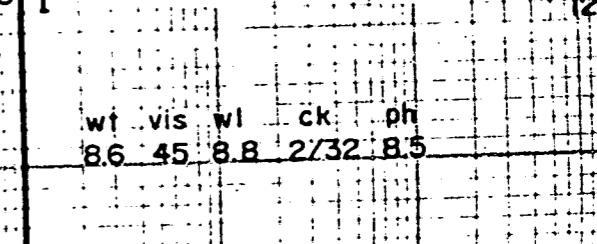
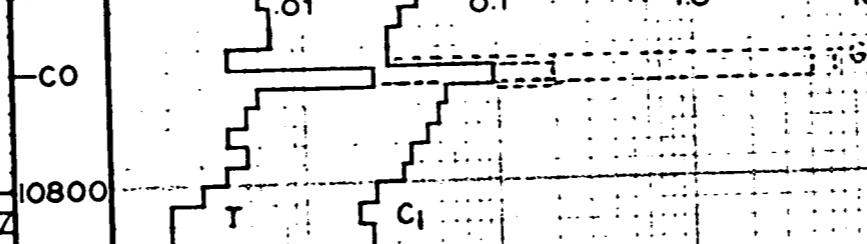
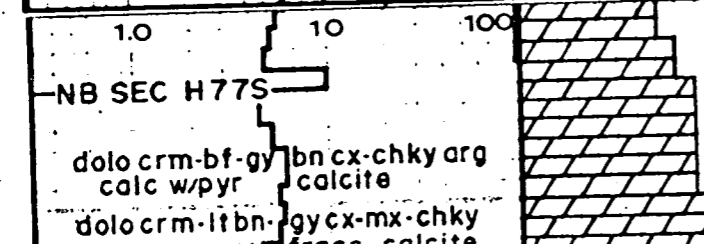
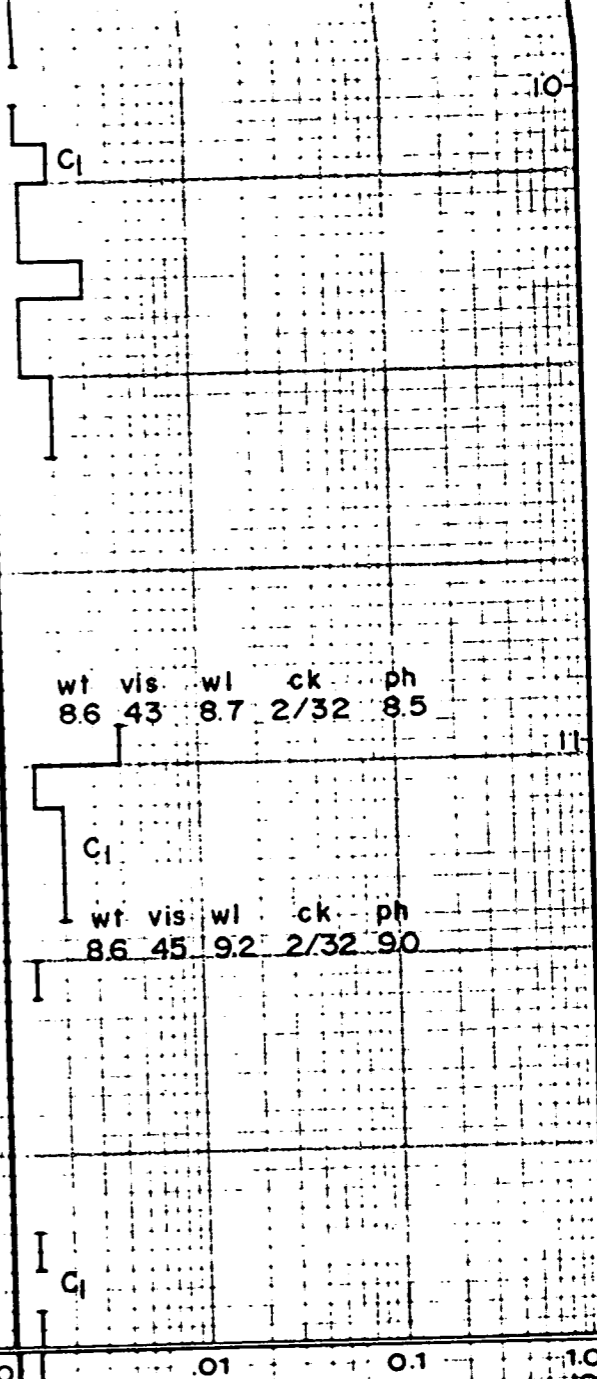
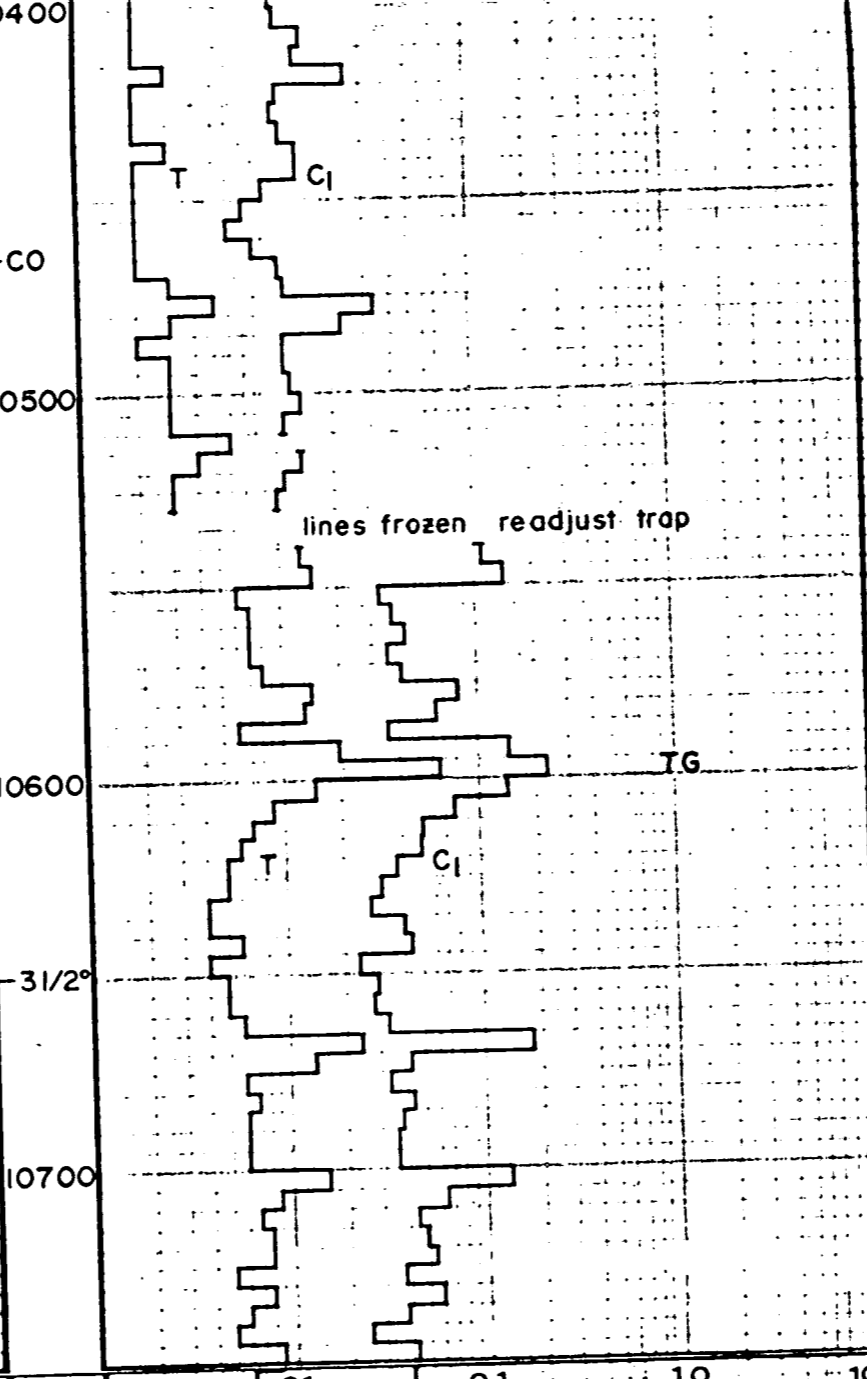
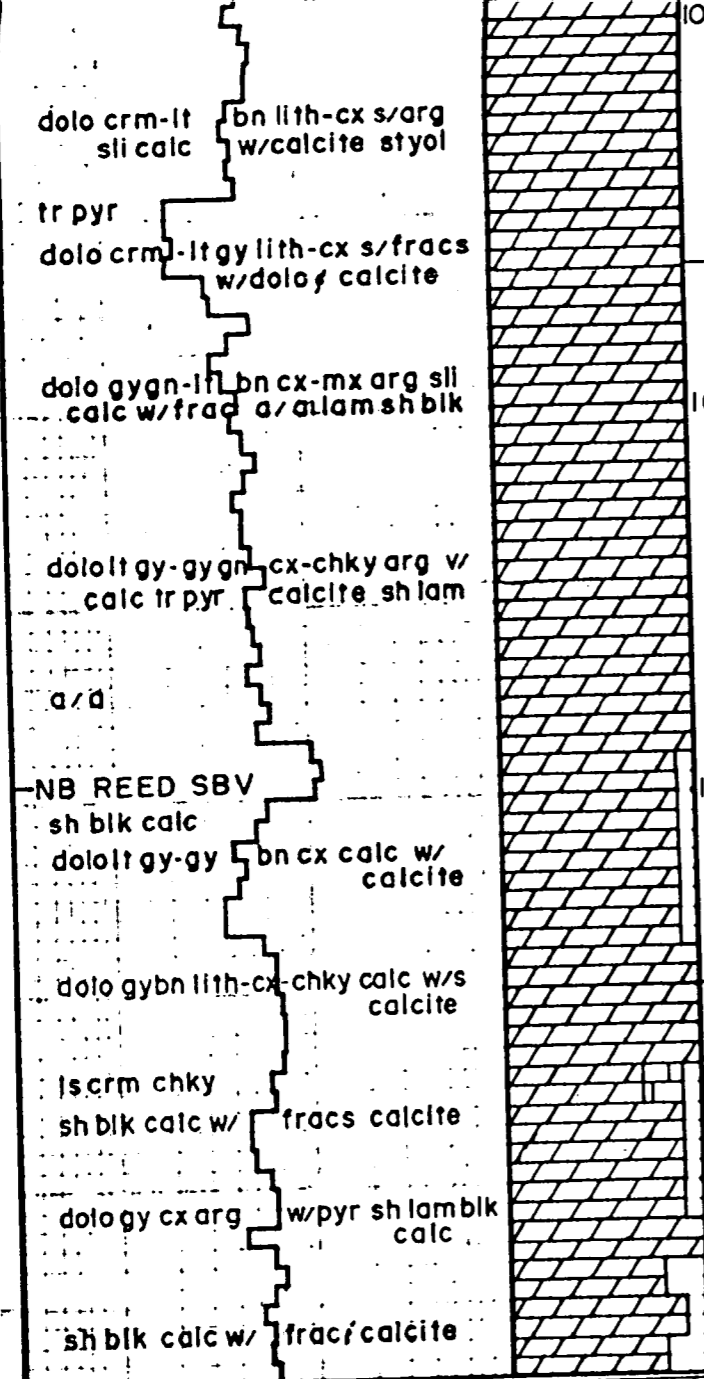
8

ls crm cx-chk ly dolc in pt
 dolocrm-ltgygn lith-cx-chky w/pyr.v/calc
 ls crm-ltgygn cx-chky.s/dolic
 NB STC 6JS
 dolo gygn lith-cx arg calc
 ls crm-gy cx-chky slty w/pyr
 dolo gygn lith-cx arg calc
 tr calcite
 NR
 dolo gygn lith-cx arg calc w/pyr
 dolo crm-gygn cx-mx
 dolo crm cx-mx tr pyr rare ppt vug
 tr shblk
 dolo crm cx-mx w/pyr frac calcite styol ix ϕ



1.0 10 100
 dolo crm-lt calcite gy cx-med x tr fair ix por
 dolo crm-lt gy cx-mx w/fracs w/calcite
 dolo crm-lt bn lith-cx s/arg w/calcite styol
 tr pyr
 dolo crm-lt gy lith-cx s/fracs





NB SEC H77S

dolo crm-bf-gy bn cx-chky arg
calc w/pyr calcite

dolo crm-ltbn-gy cx-mx-chky
arg w/ fracs-calcite

dolo crm-bf-gy cx-mx-chky w/
pyr fracs w/calcite sh lam

dolo crm-ltgy cx-mx calc s/
fracs w/calcite

dolo crm-ltbn-gy cx sli calc w/
pyr s/calcite s/lam sh blk

dolo a/a

NB STC SS7

dolo crm-ltbn-gy cx-vfx-chky w/
pyr sli calc fracs calcite

a/a s/ fluor-cut

dolo bf-ltbn-bn lith-vfx s/calc
fracs calcite

NB REED SHG

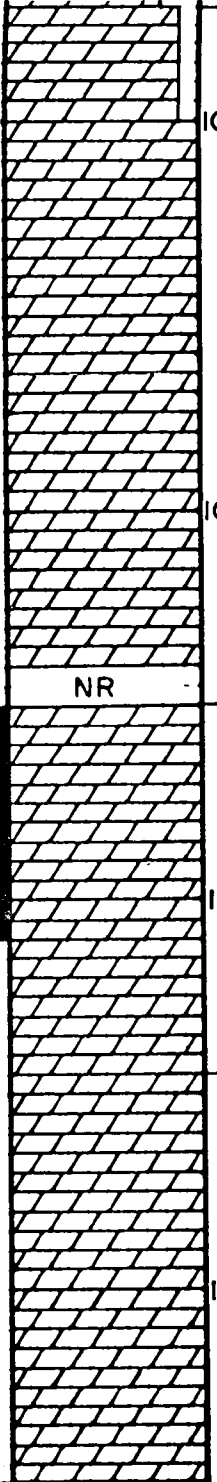
dolo ltbn-gy cx sli calc fracs
calcite

s/lam sh blk

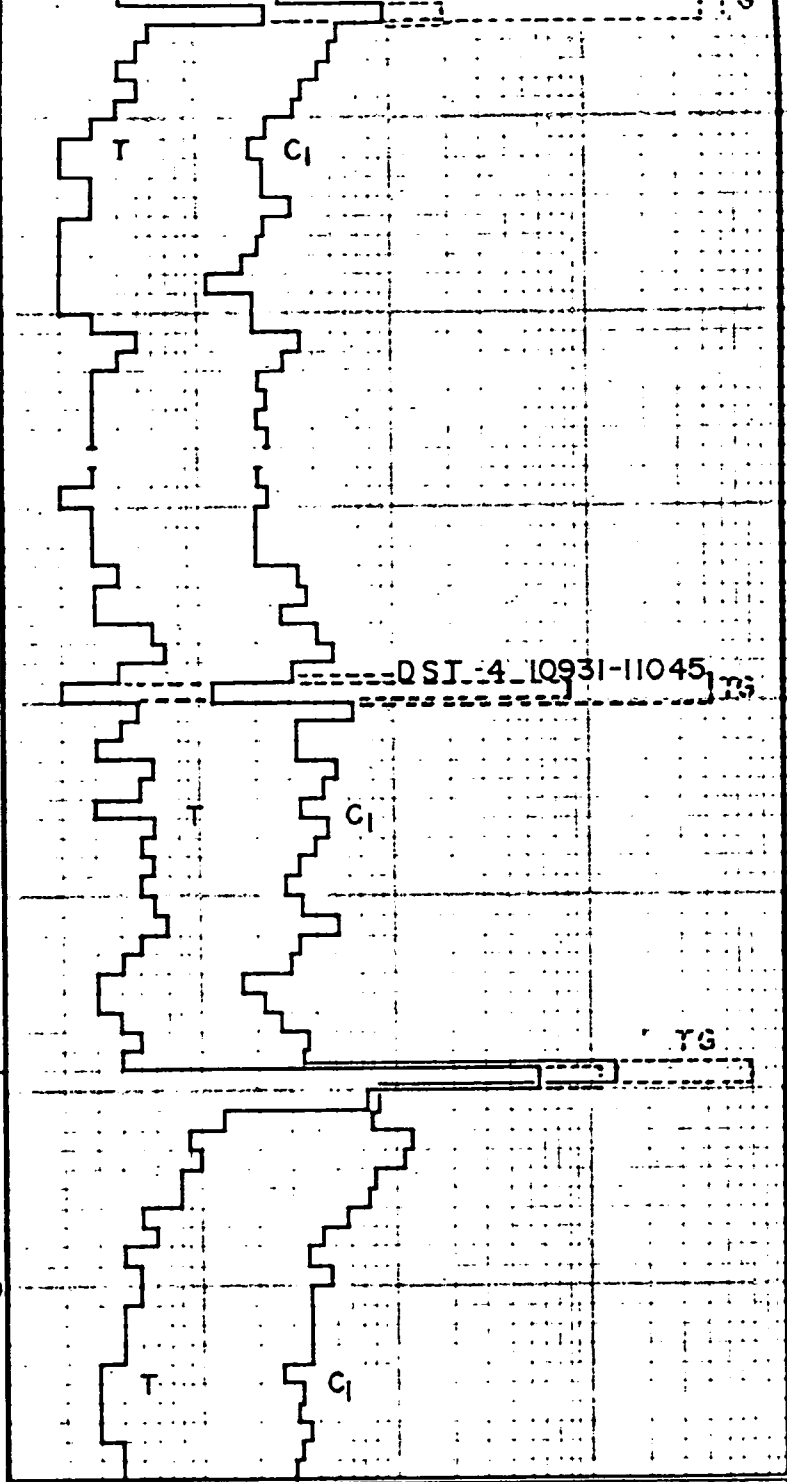
dolo crm-ltbn-gy crs x v/sli
calc w/pyr fracs calcite
well cmfd

dolo a/a cx-mx

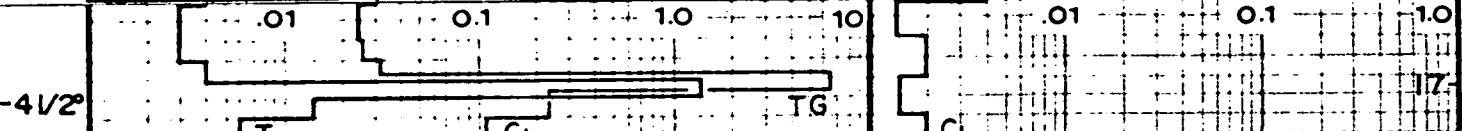
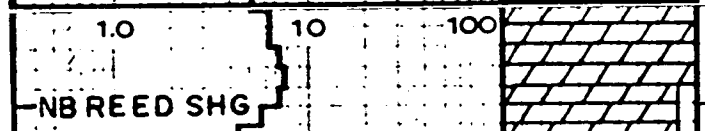
NB REED SHG

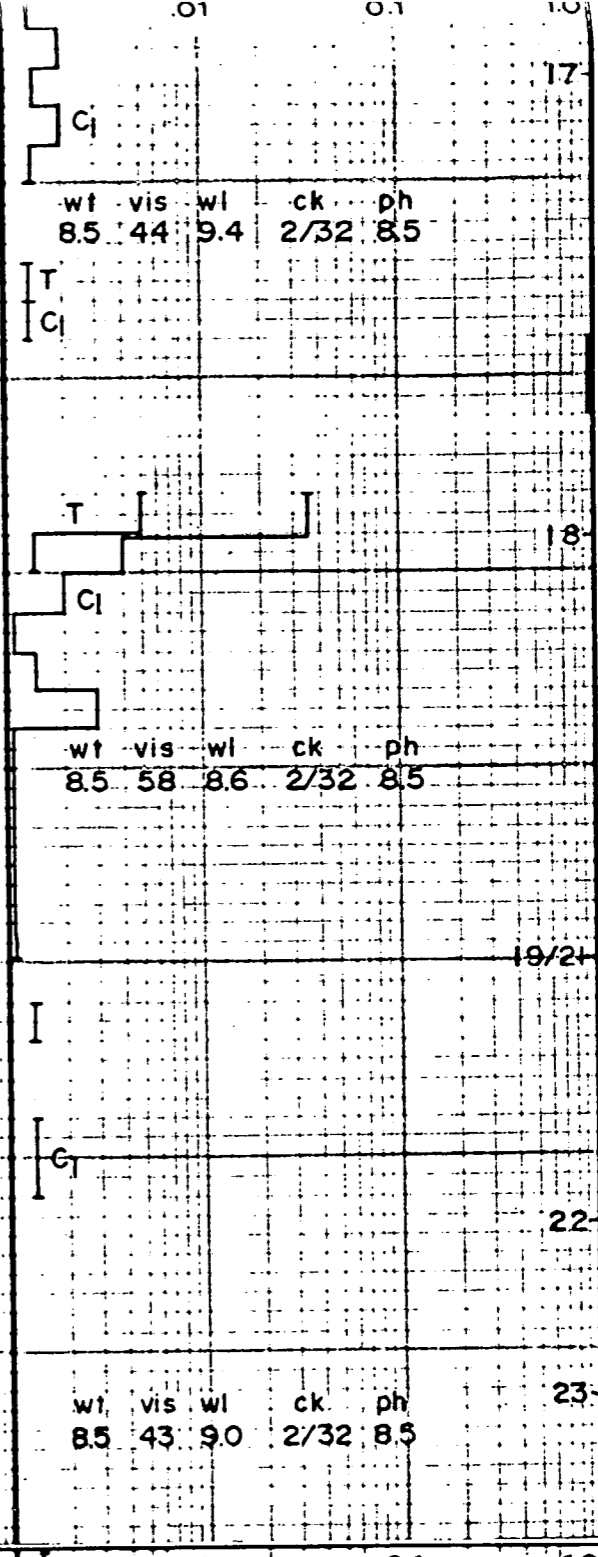
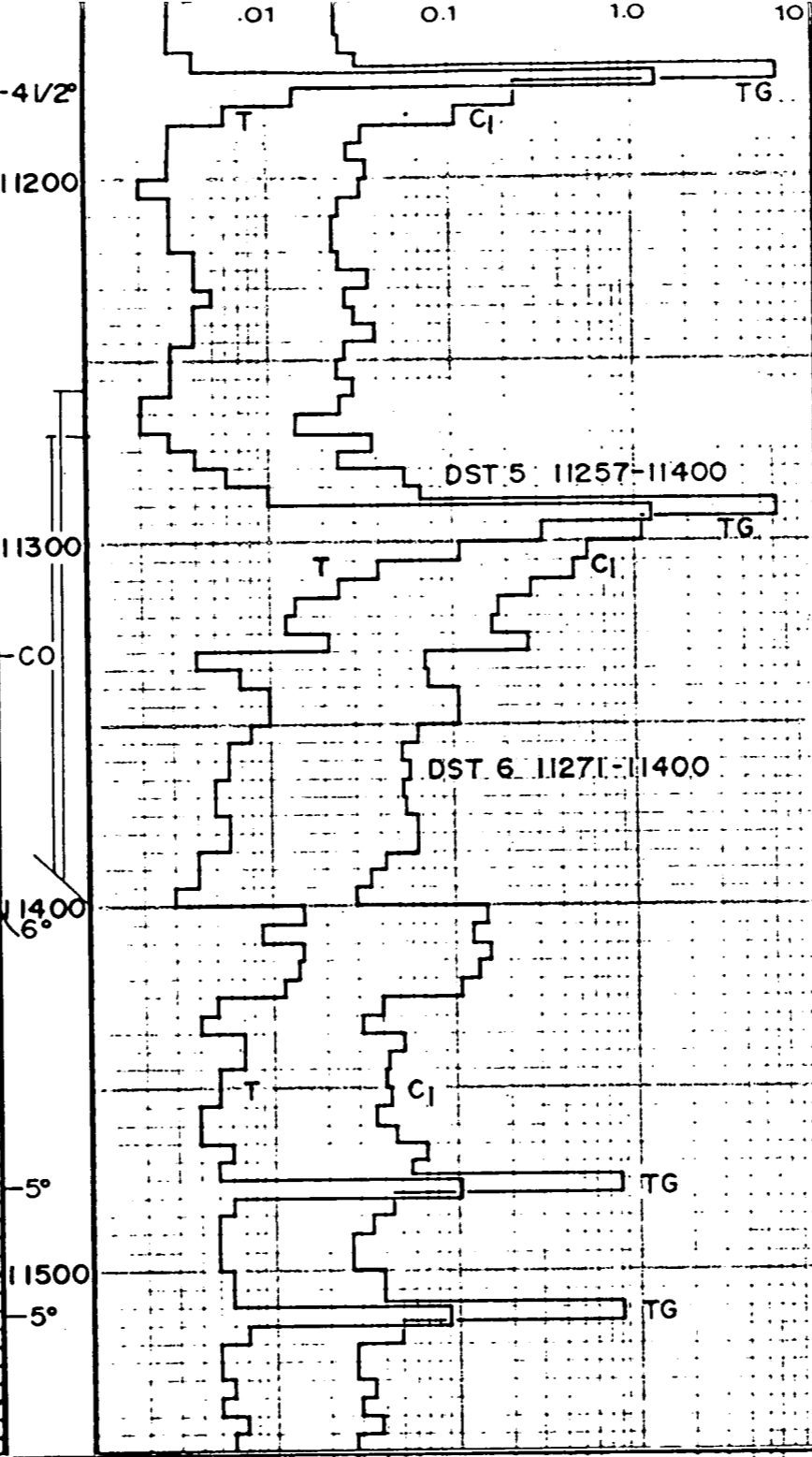
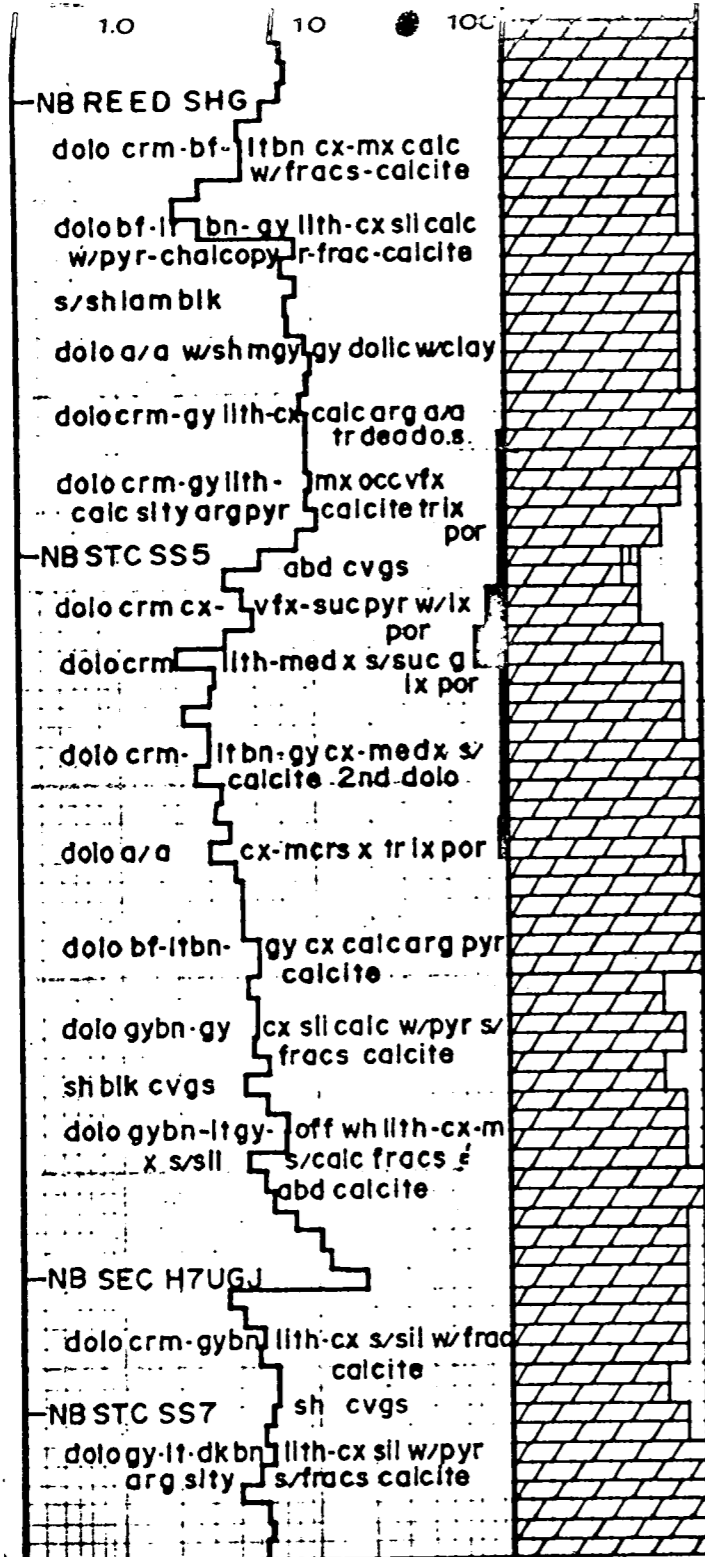


CO
10800
10900
21/4
11000
CO
11100
4V2



wt	vis	wl	ck	ph
8.6	45	8.8	2/32	8.5
				13
				14
				15
8.6	65	8.6	2/32	9.0
				16
8.5	43	9.4	2/32	8.5
				17





dology-lt-dkbn lith-cx sll w/pyr
arg slty s/fracs calcite

85 43 90 2/32 85

1.0 10 100

0.1 0.1 1.0 10

C₁ 0.1 0.1 1.0

dolo crm-lt-dkbn lith-mx sll-
calc w/frac calcite

trlsbf chky

dolo ltgy-ltbn cx-vfx calc w/frac
calcite tr ix. por

dolo crm-ltgybn cx-vfx dkgy
med x arg s/fracs calcite
sec dolo s/lam sh blk ix.por

dolo crm-ltbn gy-dkgy lith-s/
med x arg calc fracs calcite
s/lam sh blk tite

dolo bf-ltbn lith-med x a/a

dology-ltbn dkgy lith-med x
calc arg s/calcite tr ix. por

dolo gy-gybn dkgy cx-vfx calc
arg w/s calc ite tr ix. por

szsh lam blk

NB SEC H88
ls dkgy cx arg slty

dolo gy-gybn dkgy cx-mx calc
arg pyr w/calcite

dolo ltgy cx-mx s/vfx sll calc

dolo lt-dkgy cx-mx calc arg w/
pyr calcite sh lam

11600

11700

11800

3 1/2°

11900

T

C₁

T

C₁

TG

T

C₁

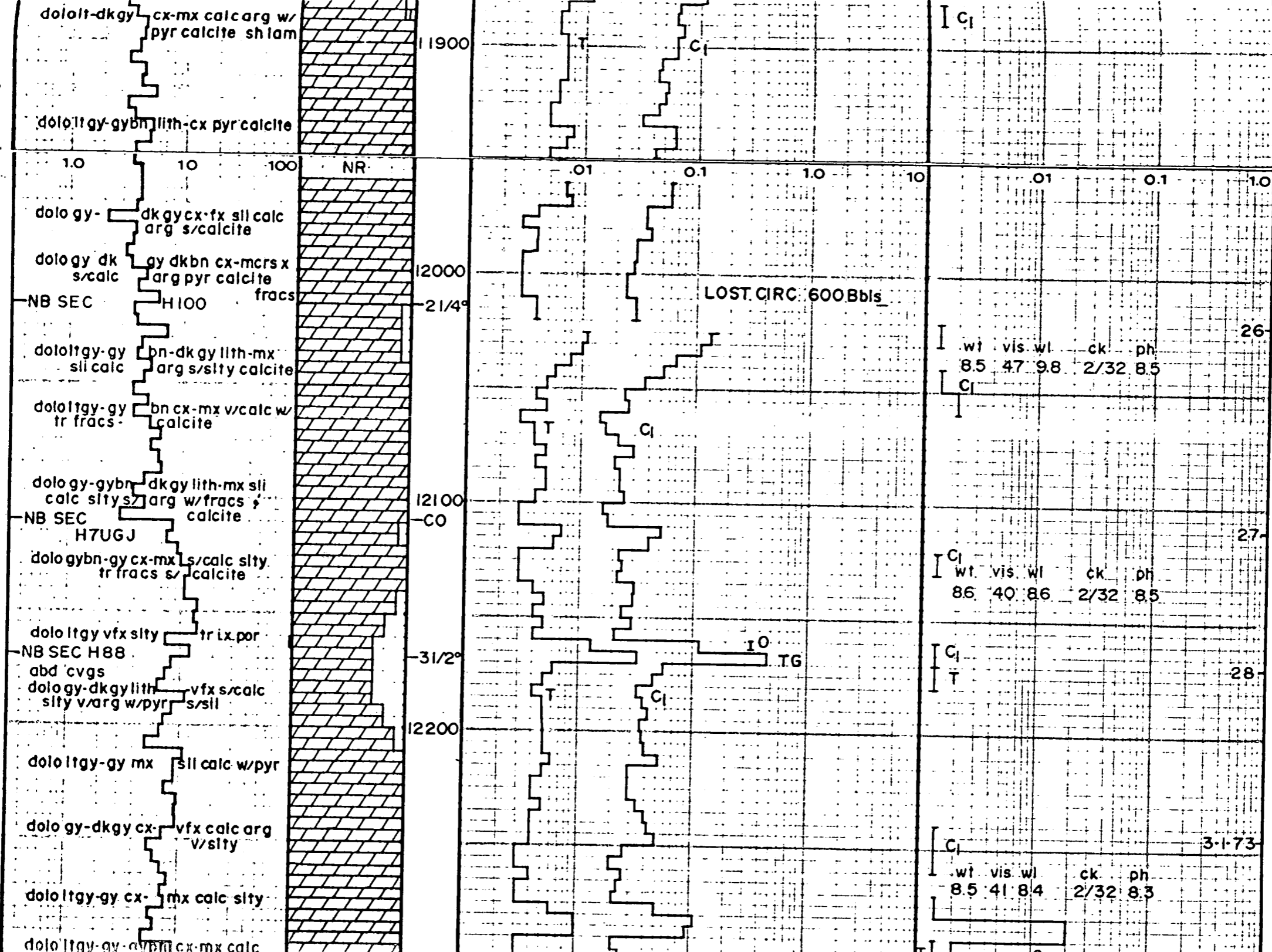
wt vis wl ck ph
85 45 87 2/32 85

high TG probably due to hole in csg

wt vis wl ck ph
85 47 92 2/32 85

24

25



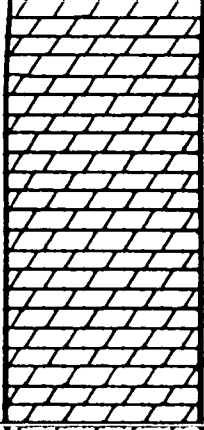
dolo gy-dkgy cx- vfx calc arg
v/slty

dolo ltygy-gy cx- mx calc slty

dolo ltygy-gy-gybn cx-mx calc
slty s/arg

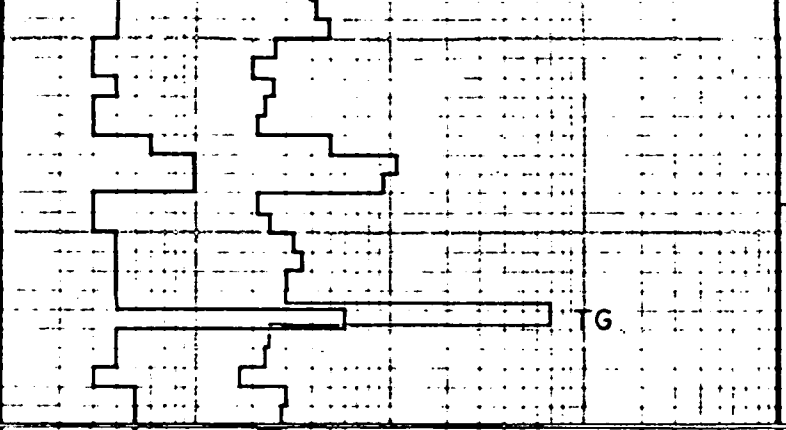
NB HW X55R

dolo lty-dkgy mx- vfx slty arg calc
w/pyr calcite



12300

4°



3-1-73

wt	vis	wl	ck	ph
8.5	41	8.4	2/32	8.3

C₁

T

T

2

1.0 10 100

dolo dkgy vfx- fx calc slty arg
tr fracs calcite tr ix.por

tr cht dk gy

dolo dkgy mx- vfx s/calc slty v/
arg s/calcite tr cht bn ix.por

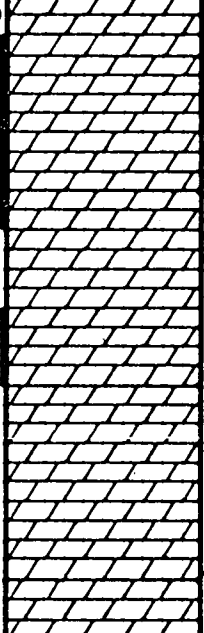
dolo dkgy vfx- fx s/calc slty arg
fracs calcite tr ix.por

tr cht clr

dolo bn lith-cx- dkgy vfx calc
slty s/v arg w/pyr calcite
frac tr cht bn wh

dolo gy gybn-dkgy cx-mx s/calc
slty s/arg

NB REED FHC

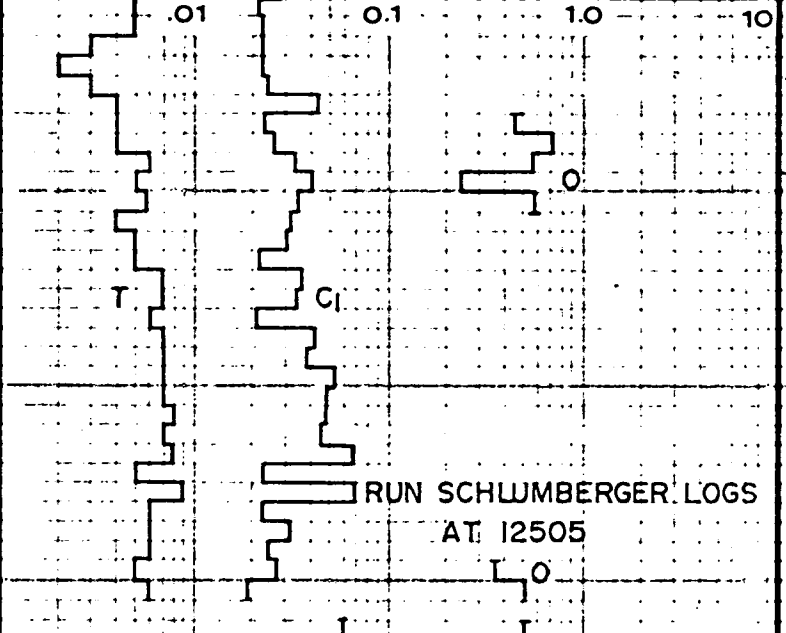


12400

5 1/2°

12500

12600



0.1 0.1 1.0 10

0.1 0.1 1.0

1.0 10

0.1 0.1 1.0

wt	vis	wl	ck	ph
8.5	44	8.2	2/32	8.5

SLM 12511.74

GEOLOG 12505.00

COR. MADE

wt	vis	wl	ck	ph
8.5	71	7.2	2/32	9.0

3/4

high gas reading
due to high VIS

5

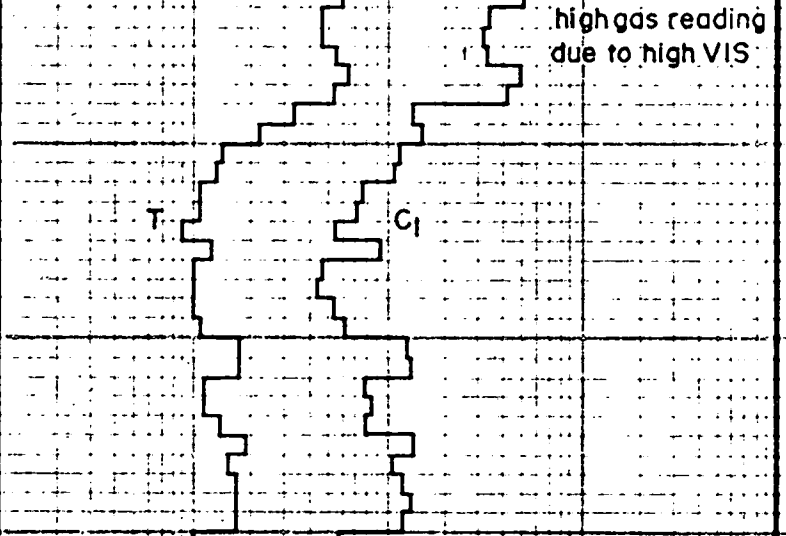
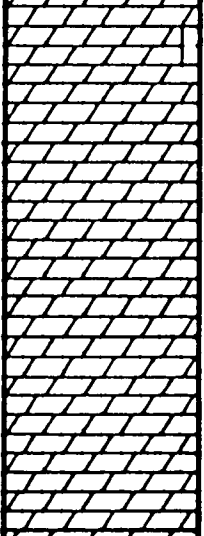
dolo gy-dkgy bl lith-mcrsx intr-
lokng sli calc slty w/calcite

dolo gy-gybn- dkgy cx-mx sli
calc slty s/ arg calcite
fracs

dolo a/a w/pyr

dology-gybn-dk gy cx-mx sli
calc slty pyr calcite fracs

dolo a/a w/tr qtz x



5

wt	vis	wl	ck	ph
8.5	52	8.6	2/32	9.0

dology-gybn-dk lgy cx-mx sli
calc slty pyr calcite fracs

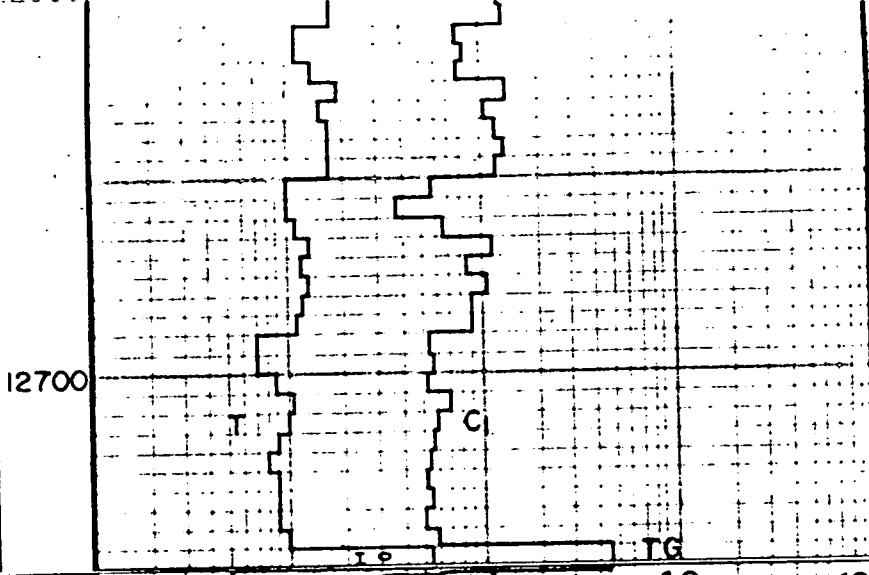
dolo a/a w/fr qtz x

dolo-gy-dkgyblk cx-fx sli calc
s/slty s/a/a pyr fracs calcite
trix por

ls gy-mx-suc-chk y slty s/dolic

tr sh blk dolic

NB SEC SS5



wt	vis	wl	ck	ph
85	52	86	2/32	9.0

1.0 10 100

dolo-gy-dkgy cx-mcrs x sli
calc slty w/ pyr fracs abd
calcite s/x por
s/qtz x

dolo crm-gy bn-dkgy fx-med x
sli calc slty w/s calcite fracs

dolo lgybn- dkgyblk cx-med x
sli calc sli slty s/arg tr pyr s/frac
calcite lam sh blk dolic

tr qtz x
abd calcite

ls crm-gy cx-fx slty w/pyr calcite

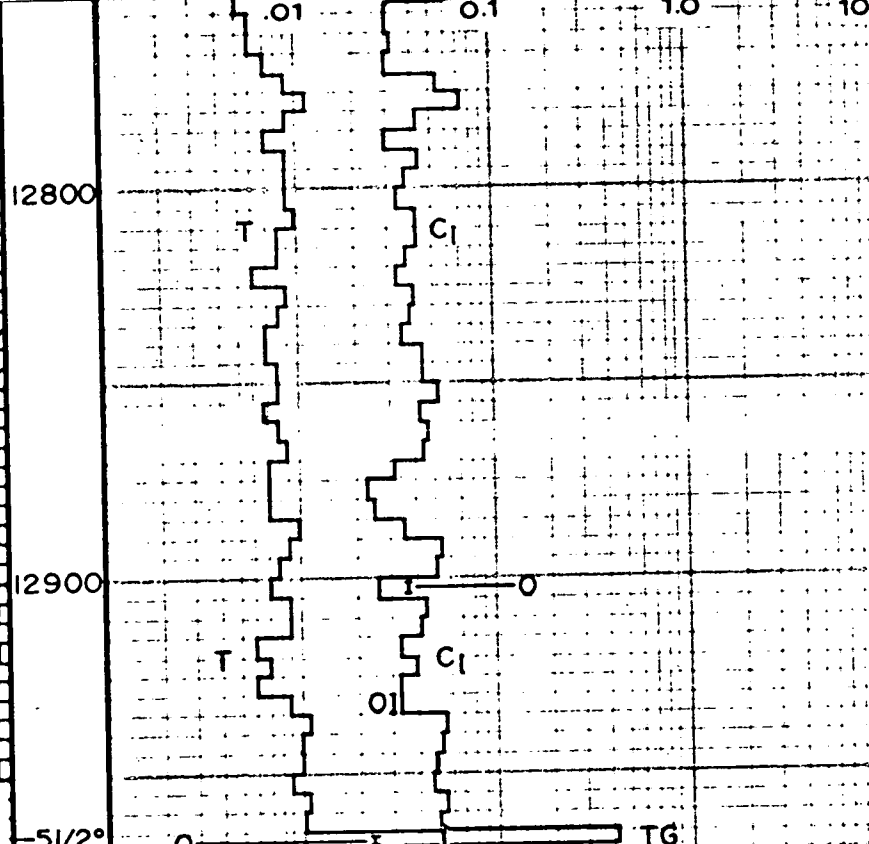
dolo crm-gy-dk gy cx-med x calc
slty pyr w/ calcite

ls-a/a

dolo gy-dkgy mx-fx sli calc
slty w/calcite s/lam sh blk dolic

dology-dkgy vfx a/a w/fracs

NB SEC M88



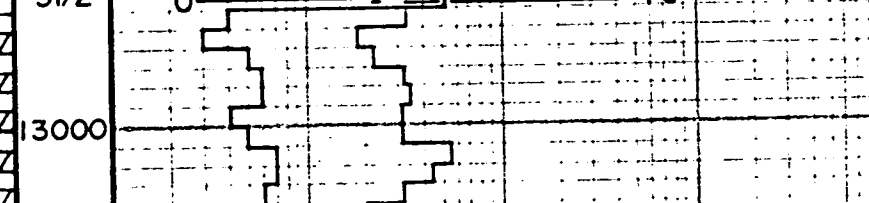
wt	vis	wl	ck	ph
86	44	80	2/32	8.5
8.5	46	7.4	2/32	8.5

dolo dkgy- dkgyblk mx-vfx slty
sli w/frac c calcite 2nd dolo

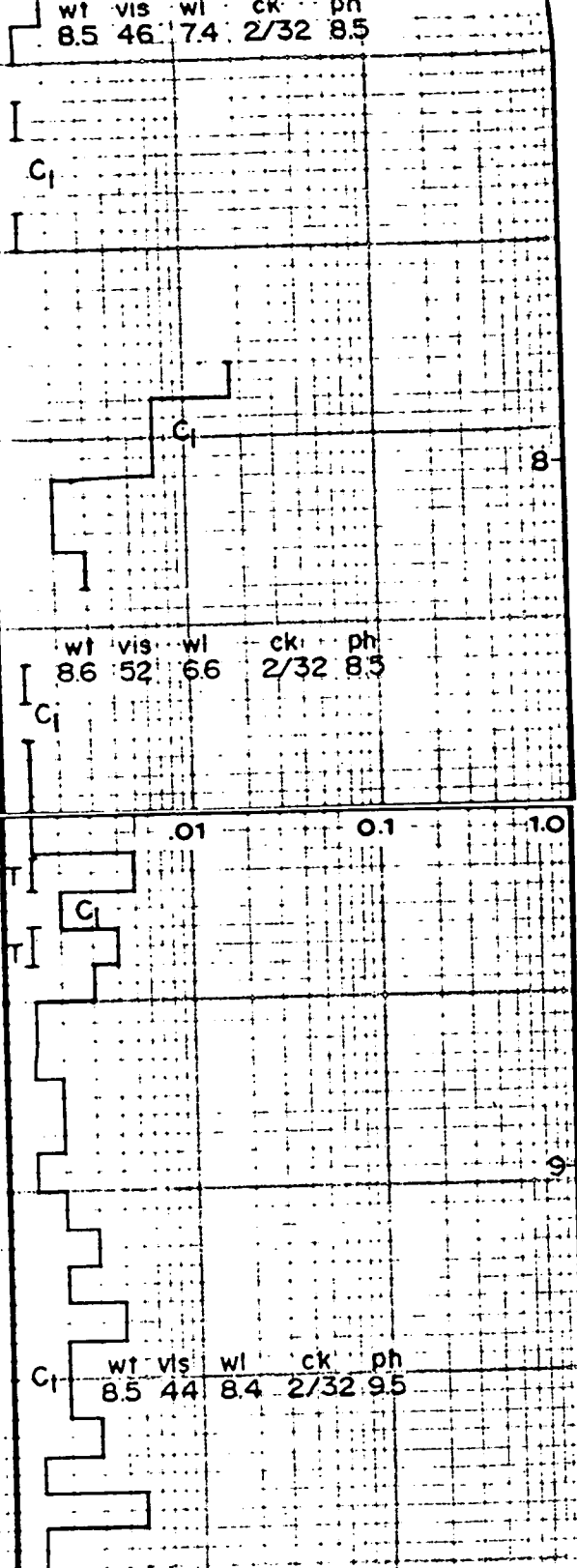
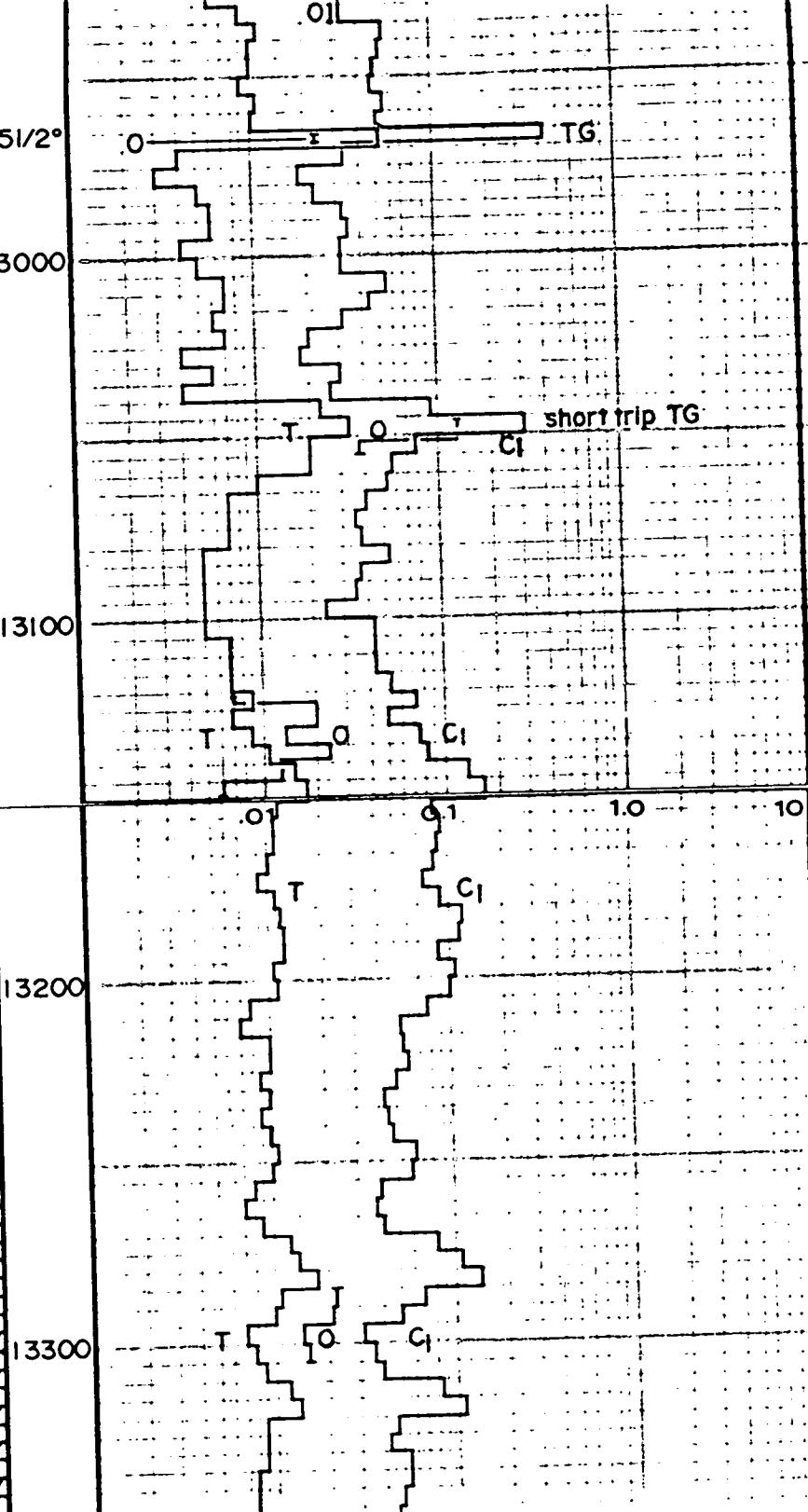
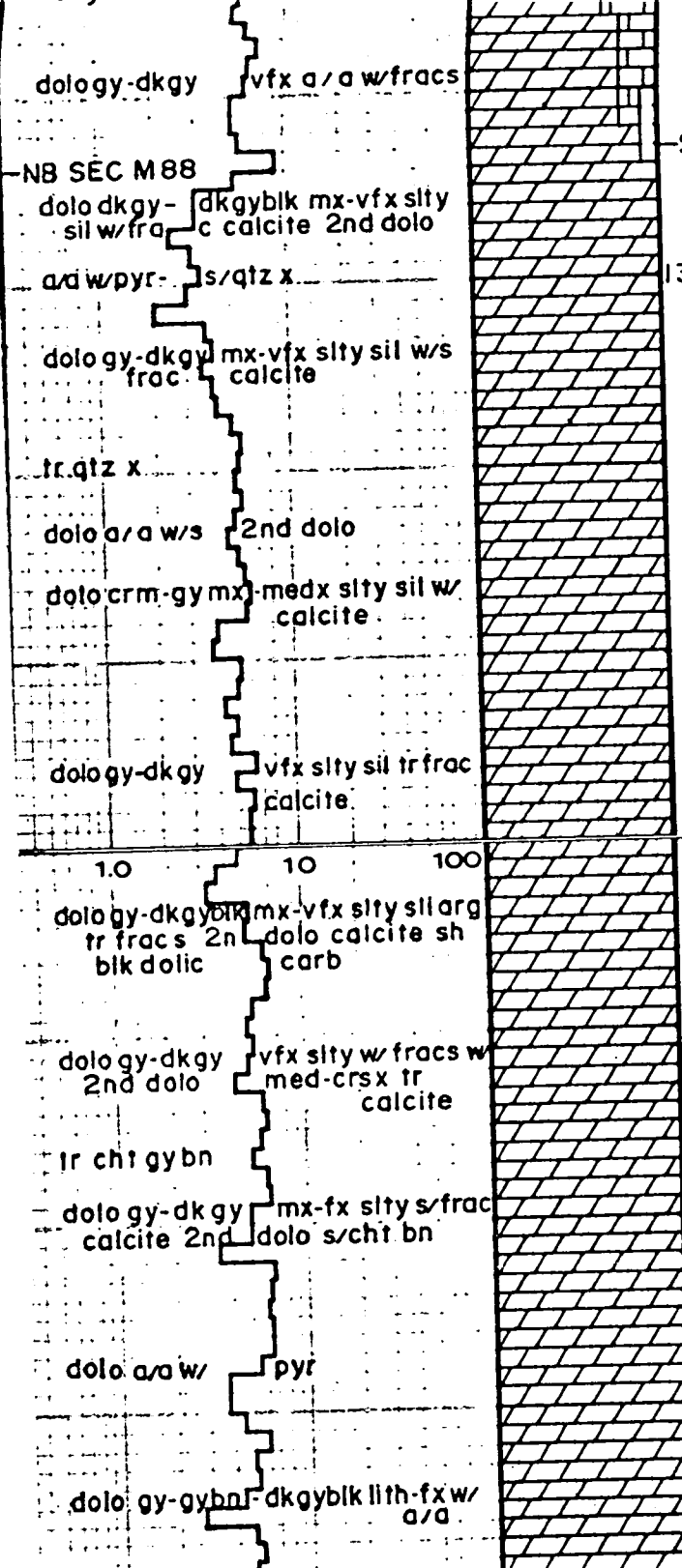
a/a w/pyr- s/qtz x

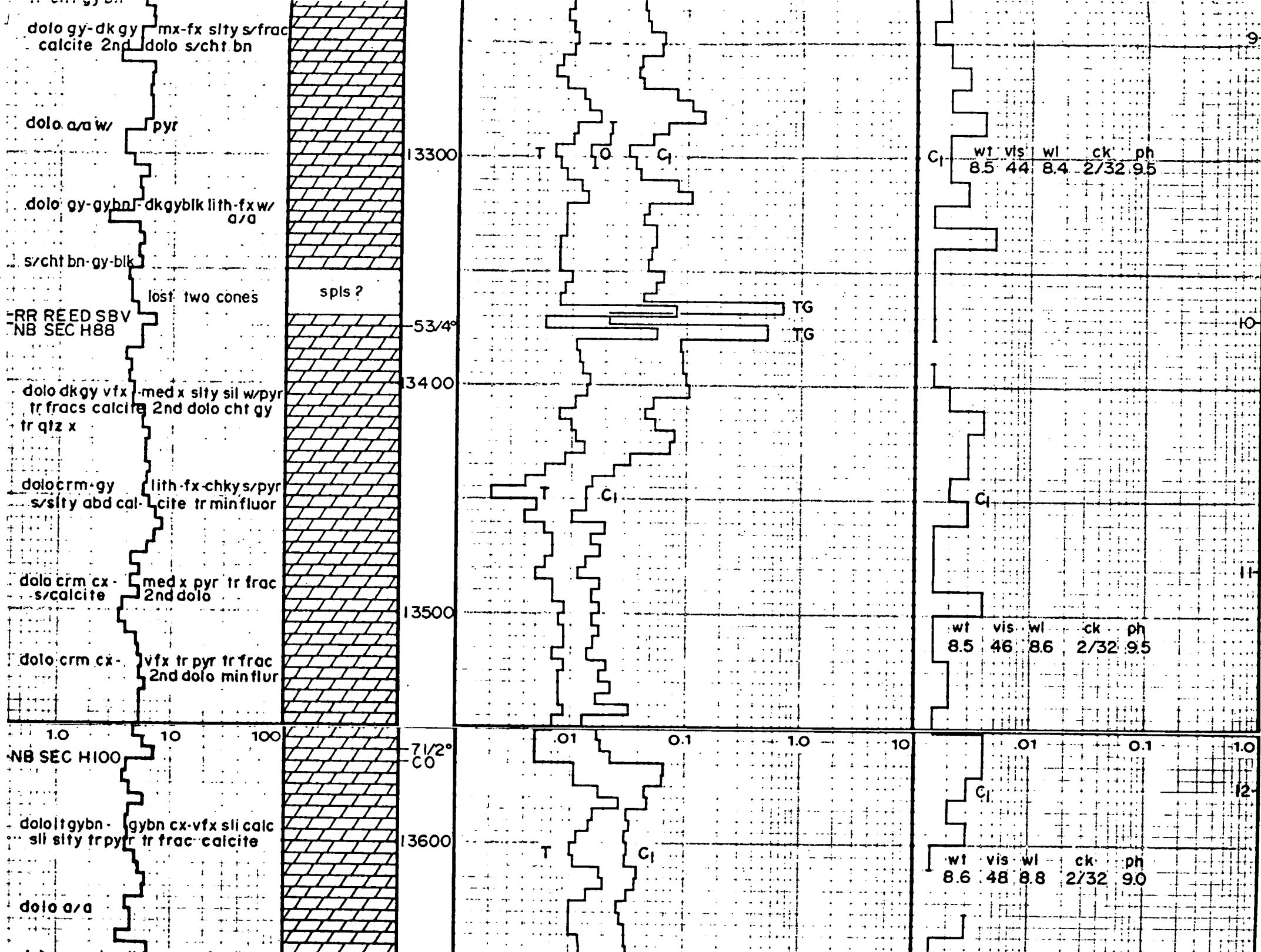
51/2°

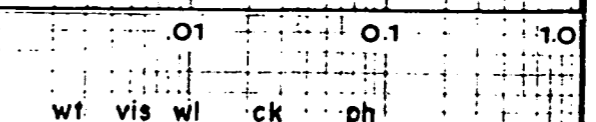
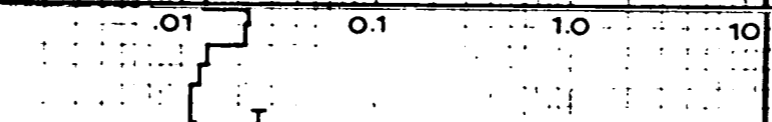
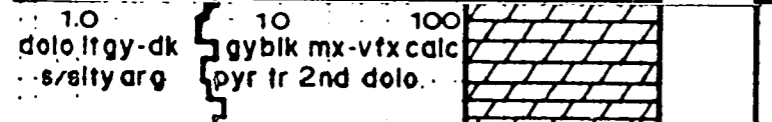
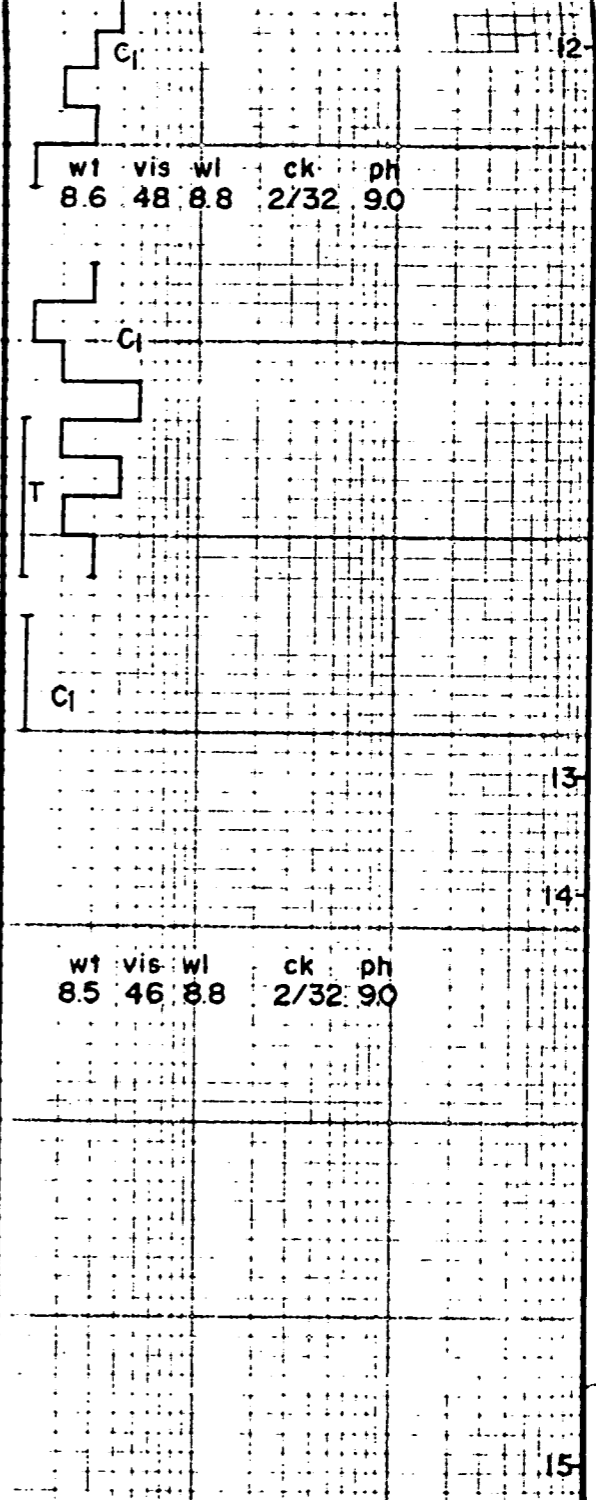
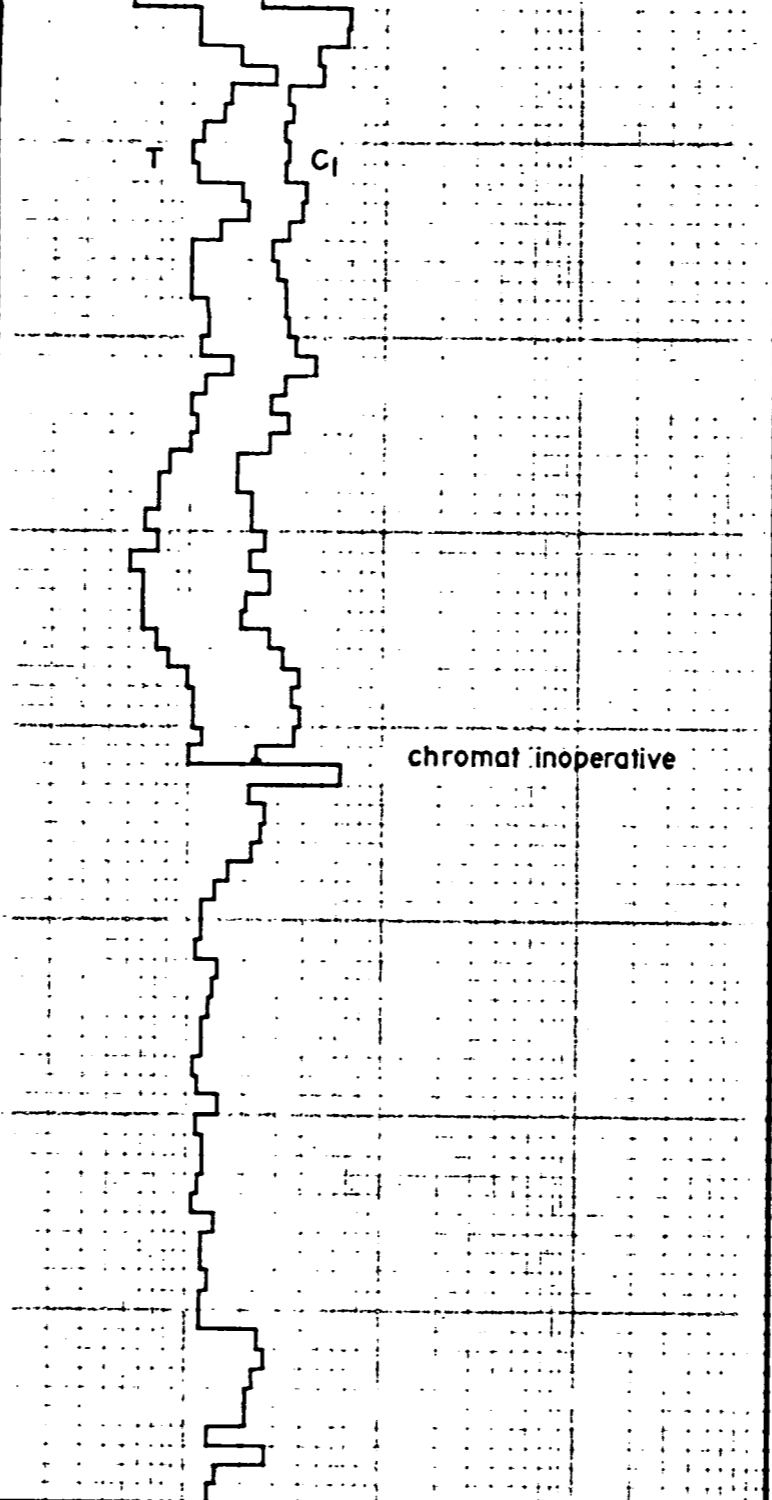
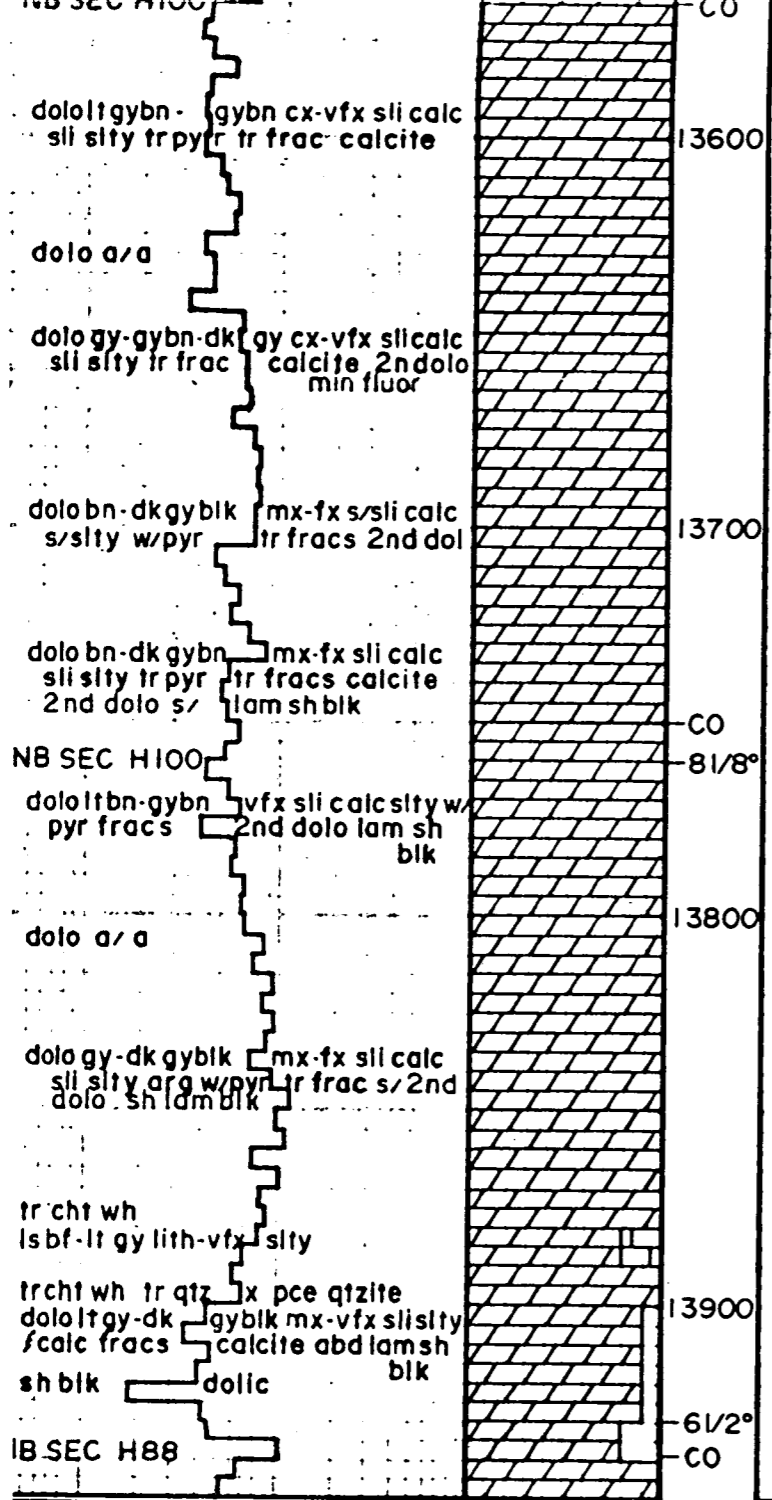
13000



wt	vis	wl	ck	ph
8.5	46	7.4	2/32	8.5







1.0 dolo lfgy-dk
s/slty arg

10 gyblk mx-vfx calc
pyr tr 2nd dolo

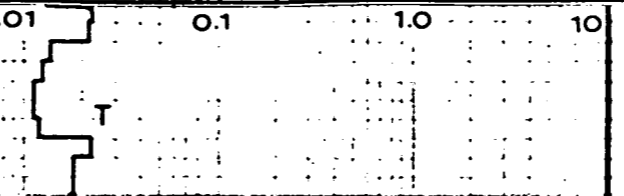
100

1st lgy chky-
dolo dk gyblk

suc slty
mx a/a

TDI4000

14000



.01 0.1 1.0 10

.01 0.1 1.0

wf vis wf ck ph
8.6 58 8.8 2/32 9.0