



COMPANY TEXAS AMERICAN OIL CORPORATION
WELL TODD STATE "36" NO. 1 WELL
FIELD SAND DUNE
COUNTY EDDY STATE NEW MEXICO
LOCATION 1280 FNL - 1980 FWL ELEVATION 3499.4 G.L.
SEC 36- T23S-R 31E

DEPTH LOGGED FROM 4525 TO 15 400 FT.
DATE LOGGED 11-21-70 2-19-71
CREW CHIEF BEAL-MILLER FILE NO FL-269-57
DRUG FLUID FRESH WATER TO 12 830 FT.
FRESH WATER GEL TO T.D. FT.

SAND		CLAY		COAL		
CONG.		CLAY		COLOMITE		
ANDALITE OR CORN M.		CLAY		HERT		
QUARTZITE		CLAY		SANDSTONE		

DRILLING RATE		POR	LITH	DEPTH	HYDROCARBON ANALYSIS				REMARKS	
MIN FT X	FT HR				HOT WIRE Total Gas ELECTRONIC Methane Butane	Methane by difference Ethane Pentane	Propane		FORMATION DESCRIPTION, MUD DATA, DRILL STEM TESTS, etc.	
		VISUAL			PHD CHROMATOGRAPH	FLUOR	HOT WIRE			
					Units/Div	P F G	TOTAL GAS & METHANE	Units/Div		
					Methane 50		MUD 50			
					Ethane & Propane 50					
					Butane & Pentane 50					
4	8	12	6	20	30	25 50 75				
SET 13 3/8" CS6 4525'					TWO MAN LOGGING JOB					
-WB 6 KV					ON LOCATION 2:00 PM					
(2 1/4")					11/21/70					
-11/22/70					DRILLING WITH					POOR SAMPLES
					FRESH WATER					(VERY SMALL)
										ANY: ni chly, tr sulph
										SS: wh, wh-gv, lt gy
										f-mg tite to lsc
										or unconsl
										CHT: wh, wh-gv, clr tnsl
										SH: ss, st calc
										IS: wh, wh-gv dns chky
										VERY SMALL SAMPLES
										CS: ss, gv-wh vfg uncon
										IS: wh chky dns

-11/22/70

4600

50

4700

4 8 12 16

50

4800

50

gas from carb sh

50 100 150

gas from carb
sh

CHT: wh, wh-gy, cln tns1

SS: aa, st calc

IS: wh, wh-gy dns chky

VERY SMALL SAMPLES

SS: gy, gy-xh vfg uncon

IS: wh chky dns

DRILLING

WITH

WATER

CH: gy, dk gy to bk
coaly carb

SS: lt gy-gy vfg uncon

tr DCI: gy bf dns-fx

SS: as above

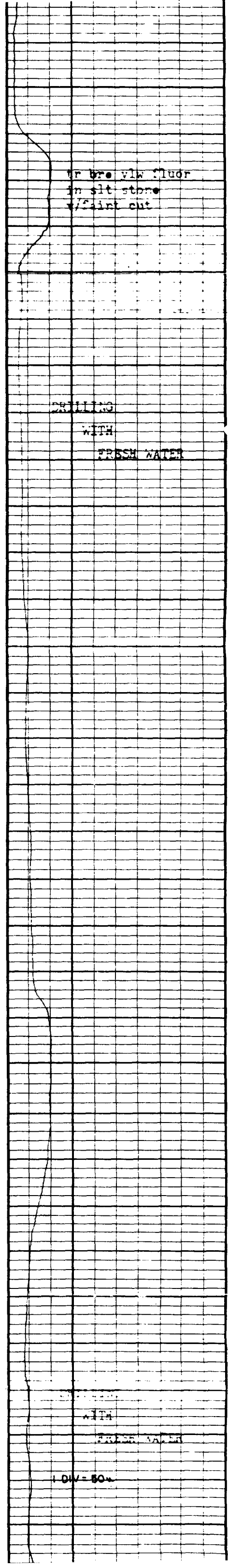
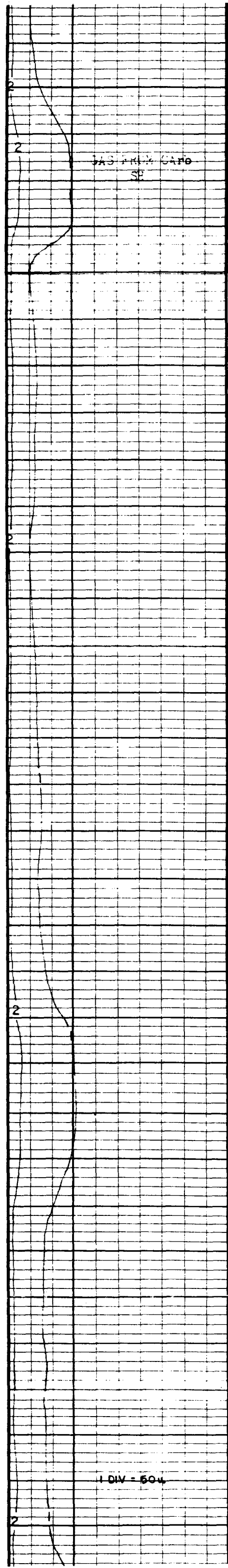
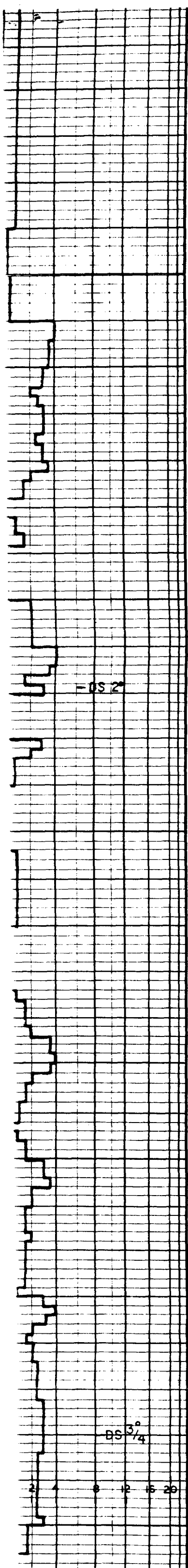
VERY SMALL SAMPLES

SS: lt gy-bf fg lse
unconsolid

CH: dk gy-gy bk carb
st calc

tr bre ylk fluor
in slit stone

ILLEGIBLE



SS: lt gr-bf fg lse
unconsolid

SH: dk gy-gy bk carb
sl calc

or br vlt fluor
in slt stone
w/faint cut

SS: gy-bk gy vfg uncon

SH: dk br-bk carb slty

DRILLING
WITH
FRESH WATER

SS: gy bf vfg-slt
unconsol, no fluor

LS: wh chky dns

SH: dk br-bk slty carb

VERY SMALL SAMPLES

SS: gy, dk gy vfg-slt
mostly unconsol

SH: dk bn slty

SS: as above

SH: dk bn slty

SH: bn slty sl/mic

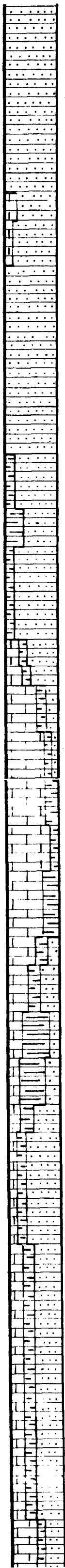
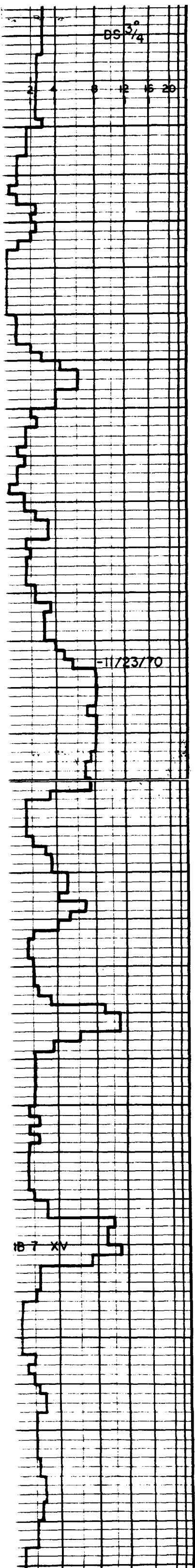
abnt wh chky IS

DRILLING
WITH
FRESH WATER

VERY SMALL SAMPLES

SS: gy vfg unconsol

ILLEGIBLE



5200

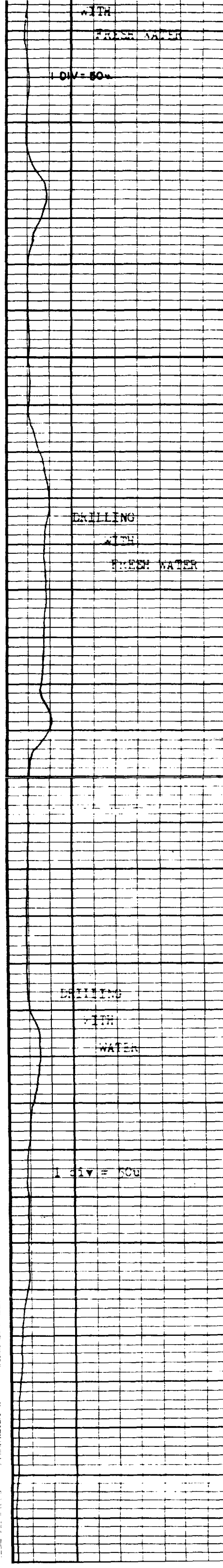
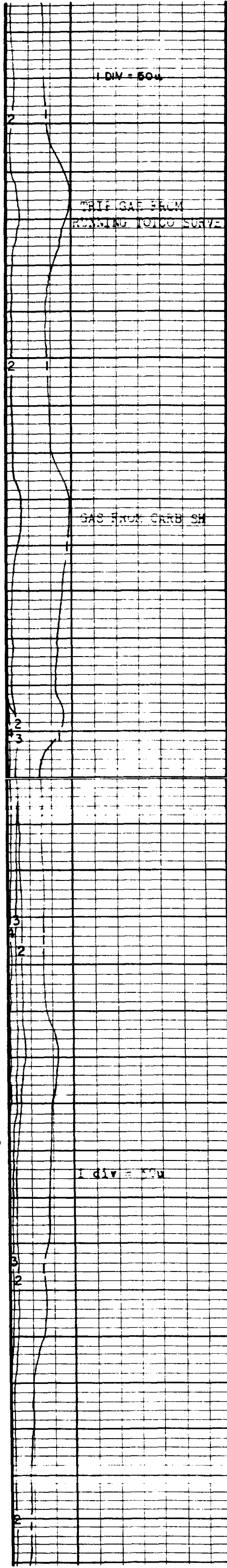
50

5300

50

5400

50



VERY SMALL SAMPLES

SS: gy vfg unconsol

LS: wh chky dns sft

hvy tr free PYR

SH: dk bn-bk slty carb

SS: gy vfg-slt st uncon

VERY SMALL SAMPLES

LS: gy bf tn vfy-dns
hri fluor, tr cut
str crude odor
no vis porosity

SH: dk bn slty

LS: gy tn bf med dns
sm vfy silic
str min fluor

SS: gy clr vfg lsly
contd to uncon

LS: wh dns chky

SH: gy, dk gy silv-slt
sl/calc

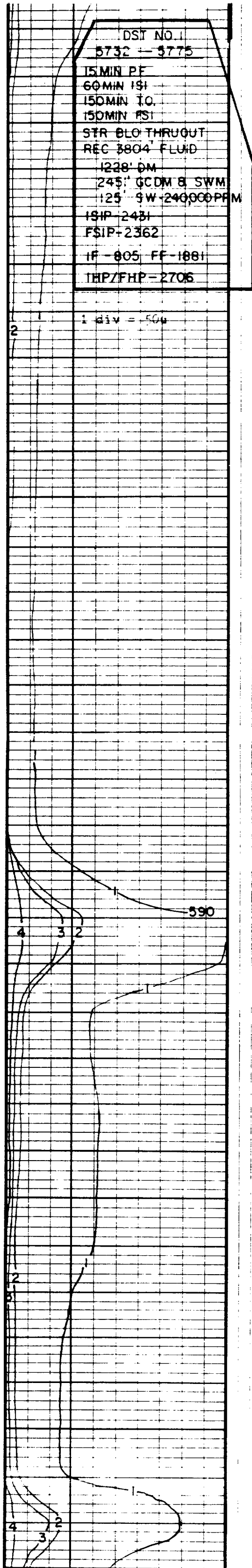
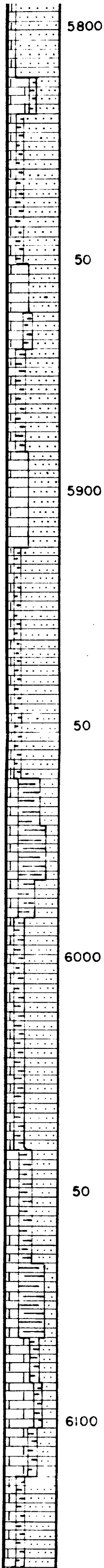
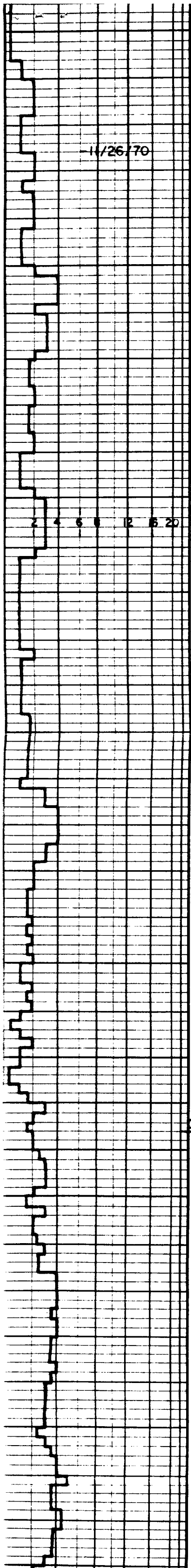
SS: wh, wh-gy dns chky
sm fy

SS: wh, clr fmg uncon

LS: tn br dns-fx
sl/silic

LS: tn crm fxdns chky

ILLEGIBLE

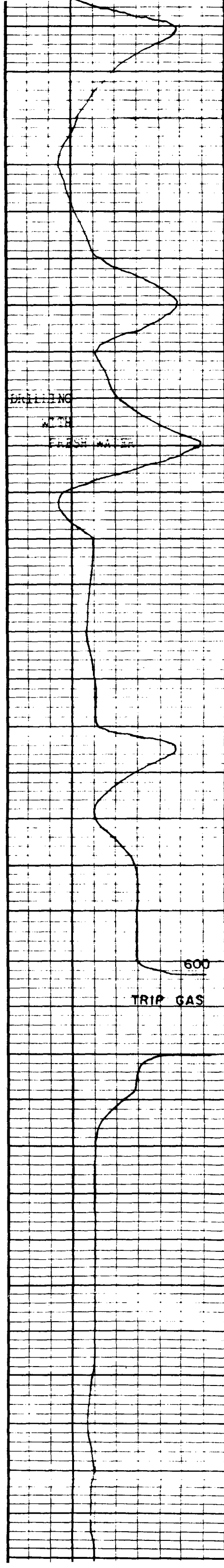
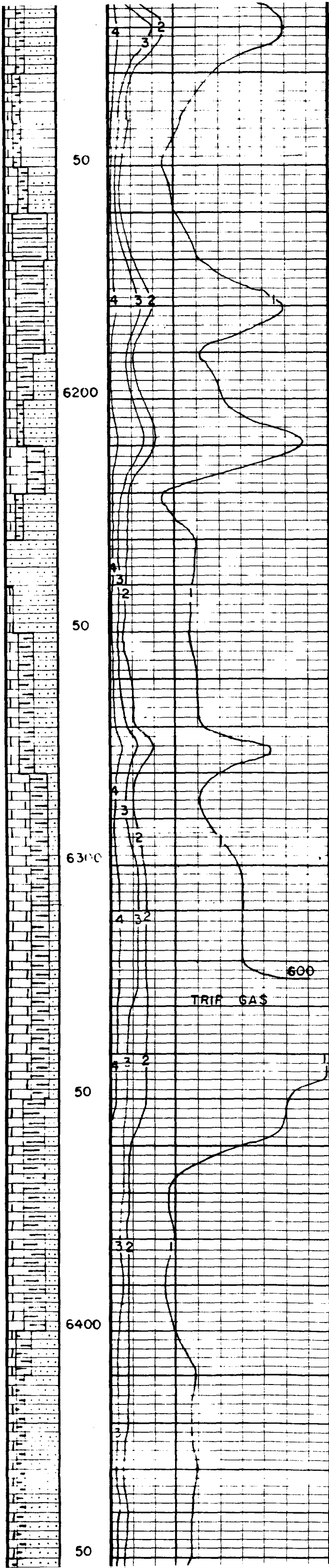
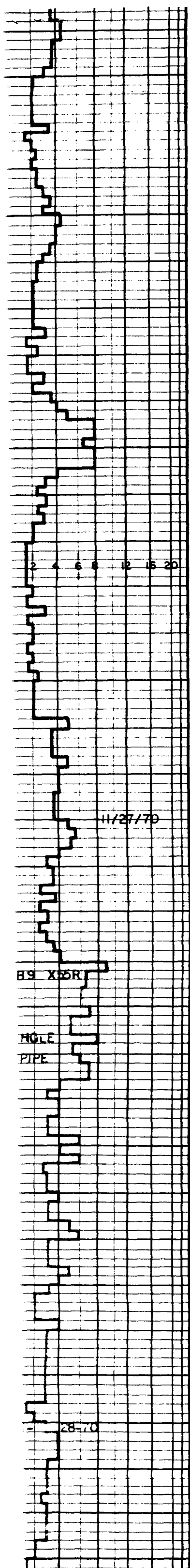


DST NO. 1
5732 - 5775
15 MIN PF
60 MIN ISI
150 MIN IO
150 MIN PSI
STR BLO THRUOUT
REC 3804' FLUID
1238' DM
245' GCDM 8 SWM
125' 9W-240000PPM
ISIP-2431
FSIP-2362
IF-805 FF-1881
IHP/FHP-2706

1 div = 50u

ILLEGIBLE

LS: tr, tr-gv dns fx
or plastic
SS: fg tite stze
sub-ang conolor
SS: gy wh clr uncon
LS: tr, tr-gv dns
sr sl/silic
LS: wh, clr unconcol
LS: as above
VERY SMALL SAMPLES
DRILLING
WITH
FRESH WATER
SS: wh, clr rg uncon
SH: gy, gy-bk carb slty
sm sdv
SH: as above
LS: wh, tr, gv dns-chky
SS: as, abnt min fluor
VERY SMALL SAMPLES
GAS FROM FLUID FLOW
IN H2O
650
600
SS: gy vfg-slt uncon
SH: dk bn slty ric
VERY SMALL SAMPLES
LS: gy bf vfx-dns
sm gy dns chky
DRILLING
WITH
FRESH WATER
SS: gy clr vfg uncon
VERY SMALL SAMPLES
LS: as above vfg-slt
uncon. fluid
abnt min fluor



acnt min fluor

SH: br slt, mic

LS: pred wh, gr chky dn

SH: br slt, al/mic lmv
an carb

VERY SMALL SAMPLES

SS: sv bn vfg argil
dirty prly strtd

SS: grn-gy mg classy
hd tite atic
non calc, min fluor

IS: sv, crn vfx-dns

SS: sv, ck sv, clr vfg
lsly cmtd-unconsol

IS: wh chky dns

SH: pred ylwsh-grn wxy

SS: gy clr vfg unconso

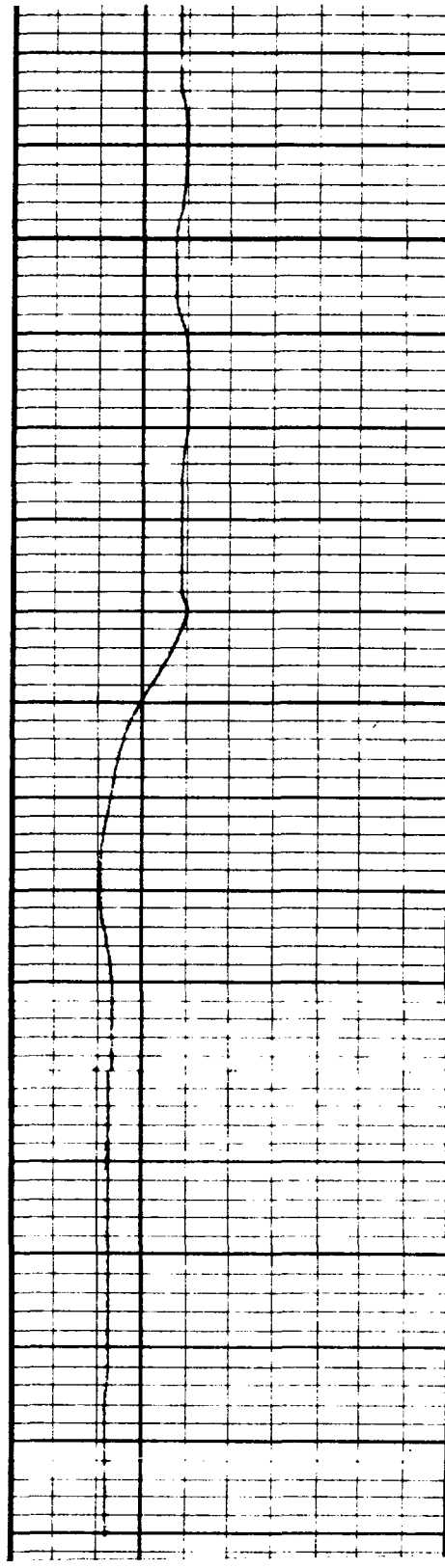
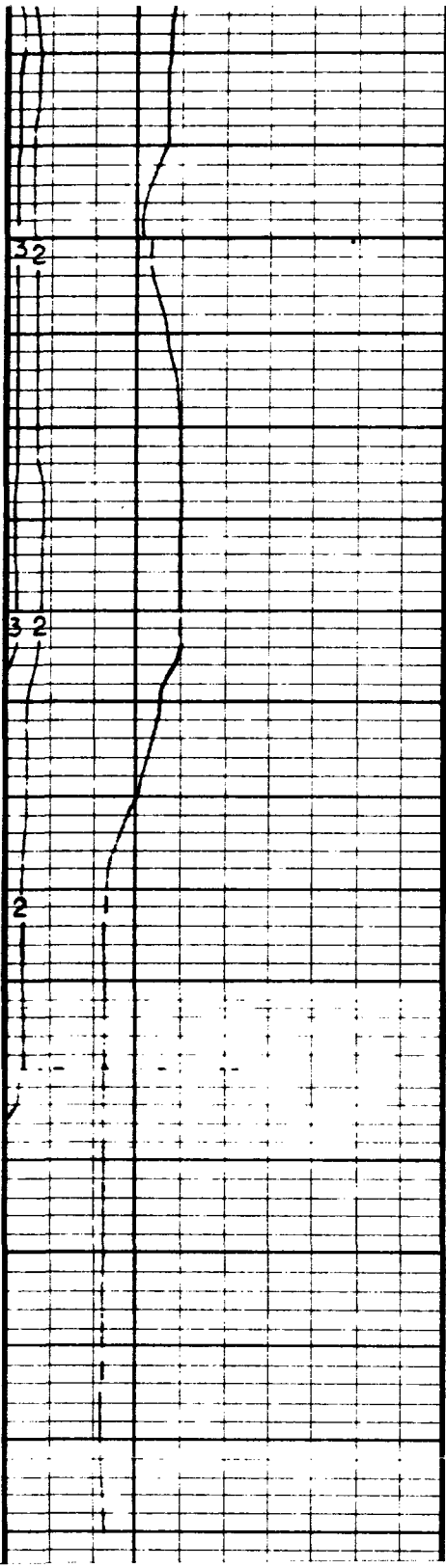
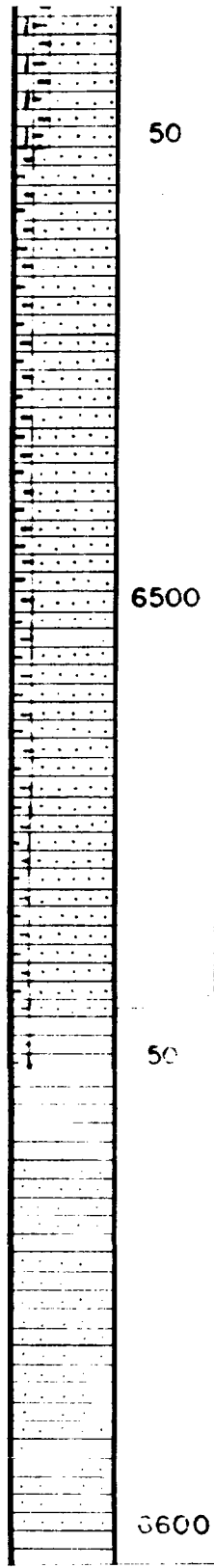
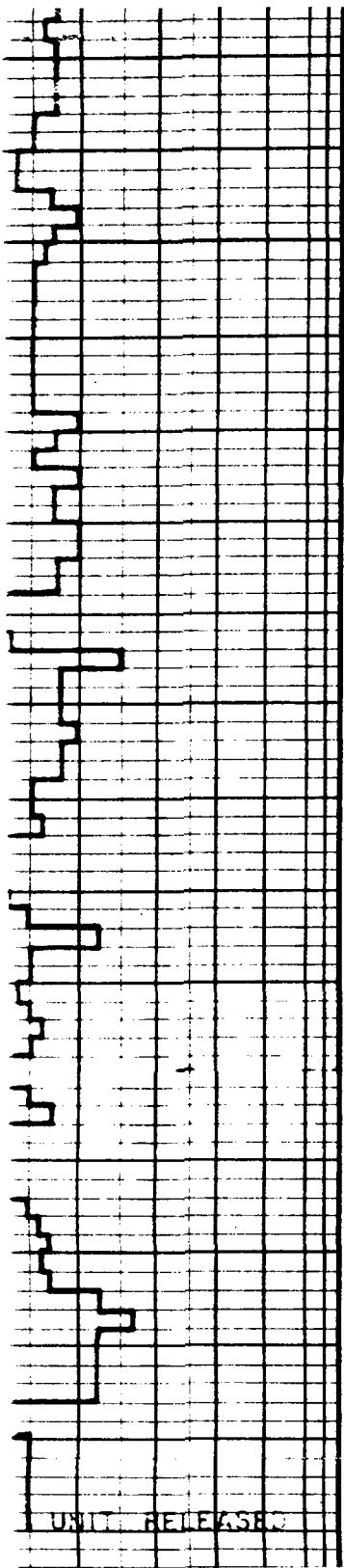
IS: wh ins chky,
tr tn vfx silic

SH: pred slt, al/mic

SS: fine grn, l'-gy, wh
fgn tite fria to lse
unconsolidated.

Section AA

ILLEGIBLE



Ss: gry, gry-wh, tn-gry
fgm. tite to loosely
cement & sm uncon.

Ss: inc loose uncon
w/AA

ILLEGIBLE