

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

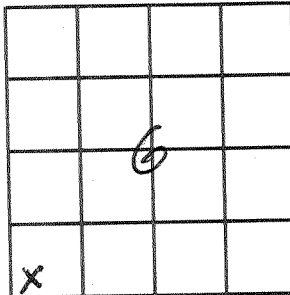
WELL PERMIT NO. _____

Owner SFWMD Address P.O. Box 24680 City West Palm Beach FL State FL Zip 33416
 Contractor's Name Tony Lubrano License No. _____ Completion Date 6/15/89 Casing Depth 0-80/90-115 Total Depth 119' Well # 5LMW1310
 Driller's Name _____ Registration No. _____

TYPE OF WORK: Construct () Repair () Abandon ()
 WELL USE: Domestic Well () Public () Monitor () Test ()
 Irrigation () Fire Well () Other _____
 METHOD: Rotary with MUD () or Air (), Cable Tool (), Jet ()
 Casing Driven (), Other _____
 STATIC WATER LEVEL _____ Ft. below top of casing
 PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
 PUMP SIZE _____ H.P. CAPACITY _____ GPM
 PUMP TYPE _____ INTAKE DEPTH _____
From top of ground

LOCATION
 Located Near On V-Bar
Ranch
 County St. Lucie

SW SW SW 6 365 37E
1/4 1/4 1/4 Section Township Range
27° 22' 10" 80° 40' 37"
 Latitude-Longitude



Cuttings sent to District? () Yes
 () No

LOCATE IN SECTION

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout	Casing & Screen	Depth (ft)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
		From	To	
	0			
	2" dia PVC			
		80'		
	80'			
	2" dia PVC Screen			
	0.020			
		90'		
	2" PVC			
Number of bags	CSG			
20				

Casing: Black Steel () Galv. () PVC () Fiberglass ()
 Screen: Type PVC Slot size .020
 Screened from 80' (ft.) to 90' (ft.)
 Type of grout with % additives Neat
 Water: Clear () Colored () Sulphur () Salty () Iron ()
 Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

SFWMVD

FORM 0124 Rev. 4/85

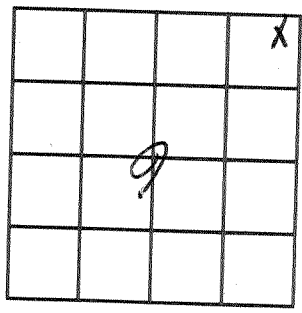
Owner _____
 Address West Palm Beach FL 33416
 Contractor's Name Jerry Luberman
 License No. _____
 Registration No. _____
 Completion Date 6/15/89
 City West Palm Beach State FL Zip 33416
 Casing Depth 0-20' Total Depth 30' Well # SLMW135

DRILL CUTTINGS LOG
 Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.

GROUT	Casing & Screen	Depth (ft)	Thickness & Depth	Diameter	From	To
	0" PVC					
	CSC					
	20'					
	2" Dia PVC screen					
	0.020 size					
	30'					

Casing: Black Steel () Galv. () PVC (X) Fiberglass ()
 Screen: Type PVC Slot size 0.020
 Screened from 20' (ft.) to 30' (ft.)
 Type of grout with % additives Neat
 Water: Clear () Colored () Sulphur () Salty () Iron ()
 Conductivity _____ mg/l Chlorides _____

TYPE OF WORK: Construct () Repair () Abandon ()
 WELL USE: Domestic Well () Public () Monitor () Test ()
 Irrigation () Fire Well () Other ()
 HOD: Rotary with MUD () or Air () Cable Tool () Jet ()
 Casing Driven () Other _____
 STATIC WATER LEVEL _____ Ft. below top of casing
 PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
 PUMP SIZE _____ H.P. CAPACITY _____ GPM
 PUMP TYPE _____ INTAKE DEPTH _____
 From top of ground _____

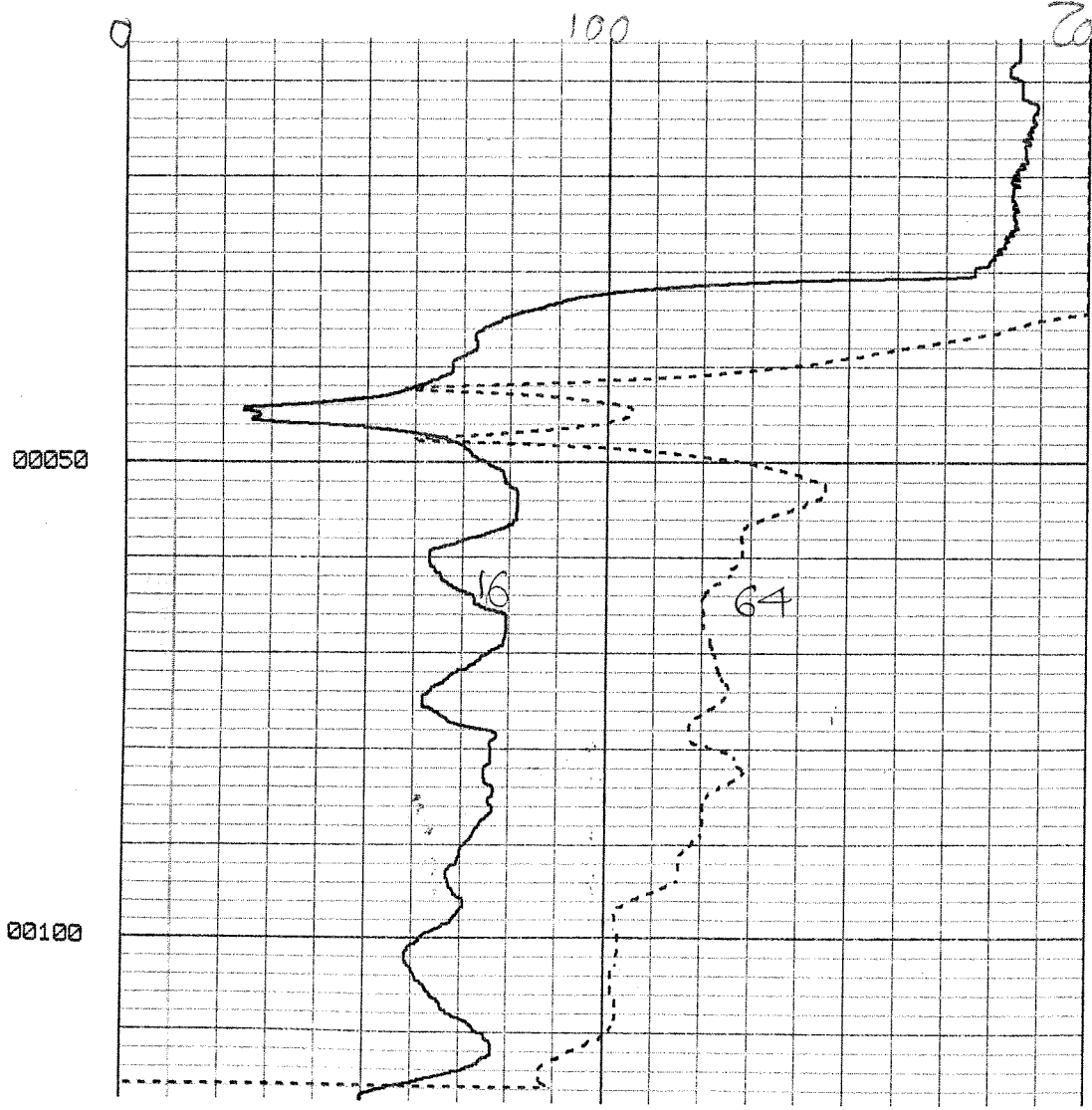
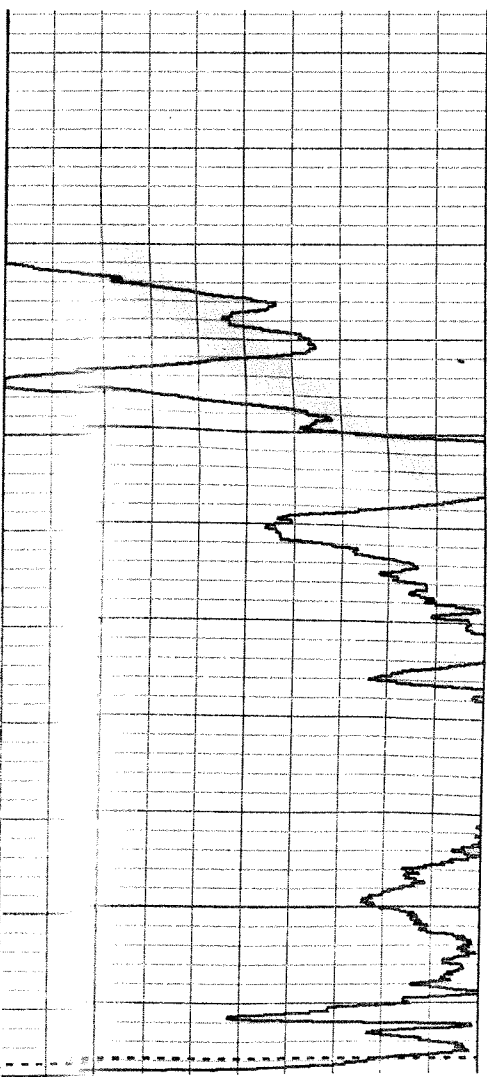


LOCATION
 Located Near ON V-BAR Ranch
 County St Lucie
 SW 5W 6 365 37E
 Township 50' 40' 37"
 Range 27° 22' 10"
 Latitude-Longitude _____

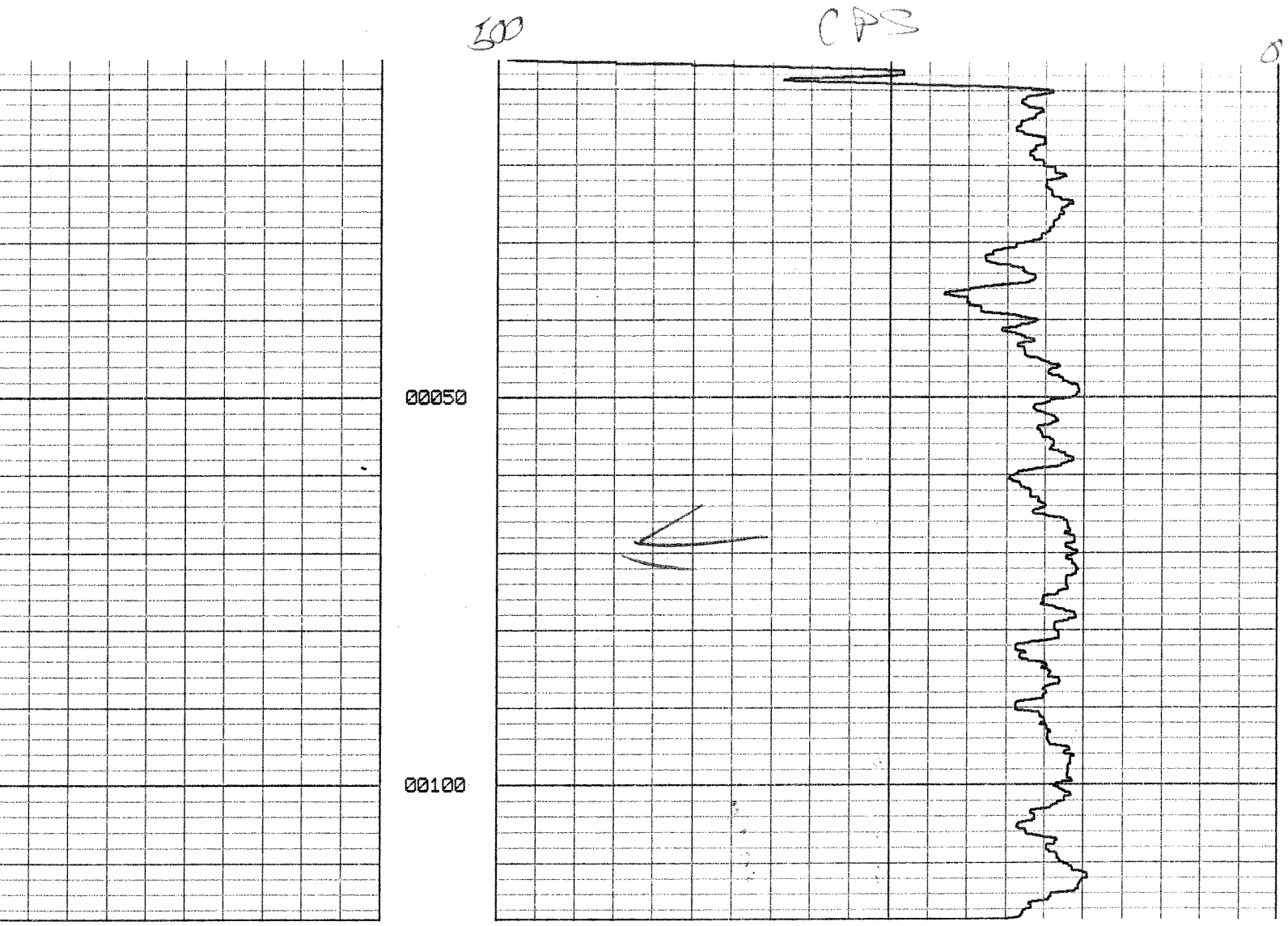
Note: PWS Wells attach a site map if well location is different from site location on permit application.

Things sent to District? (X) Yes () No

6/14/39 SIMW13D

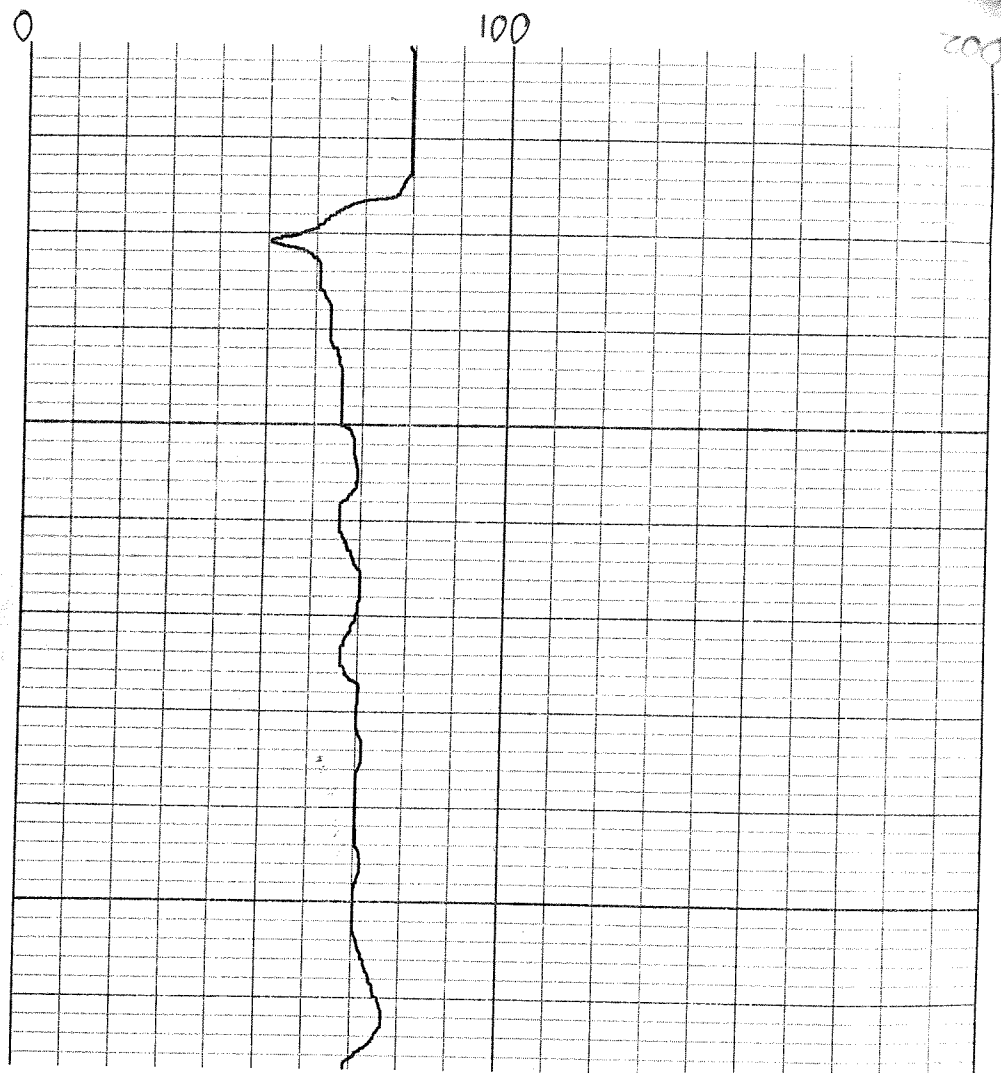
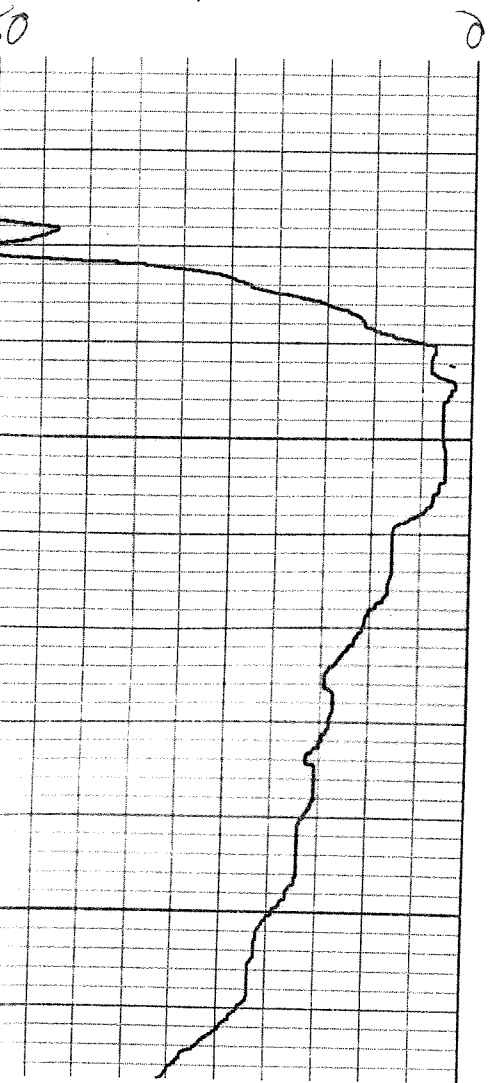


T.C-2 Density
SLM WISD 6/17/89



single pt.

S, P

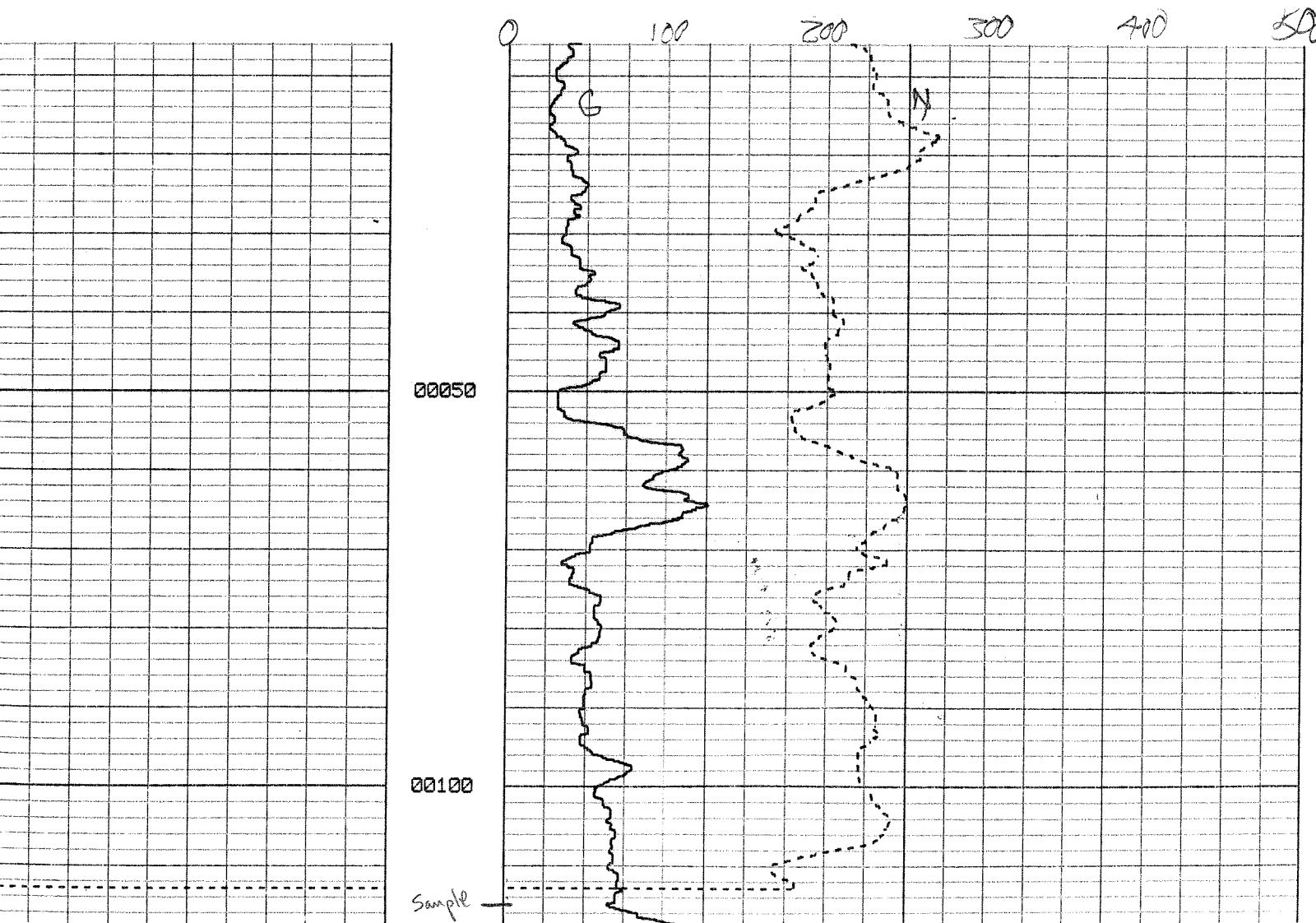


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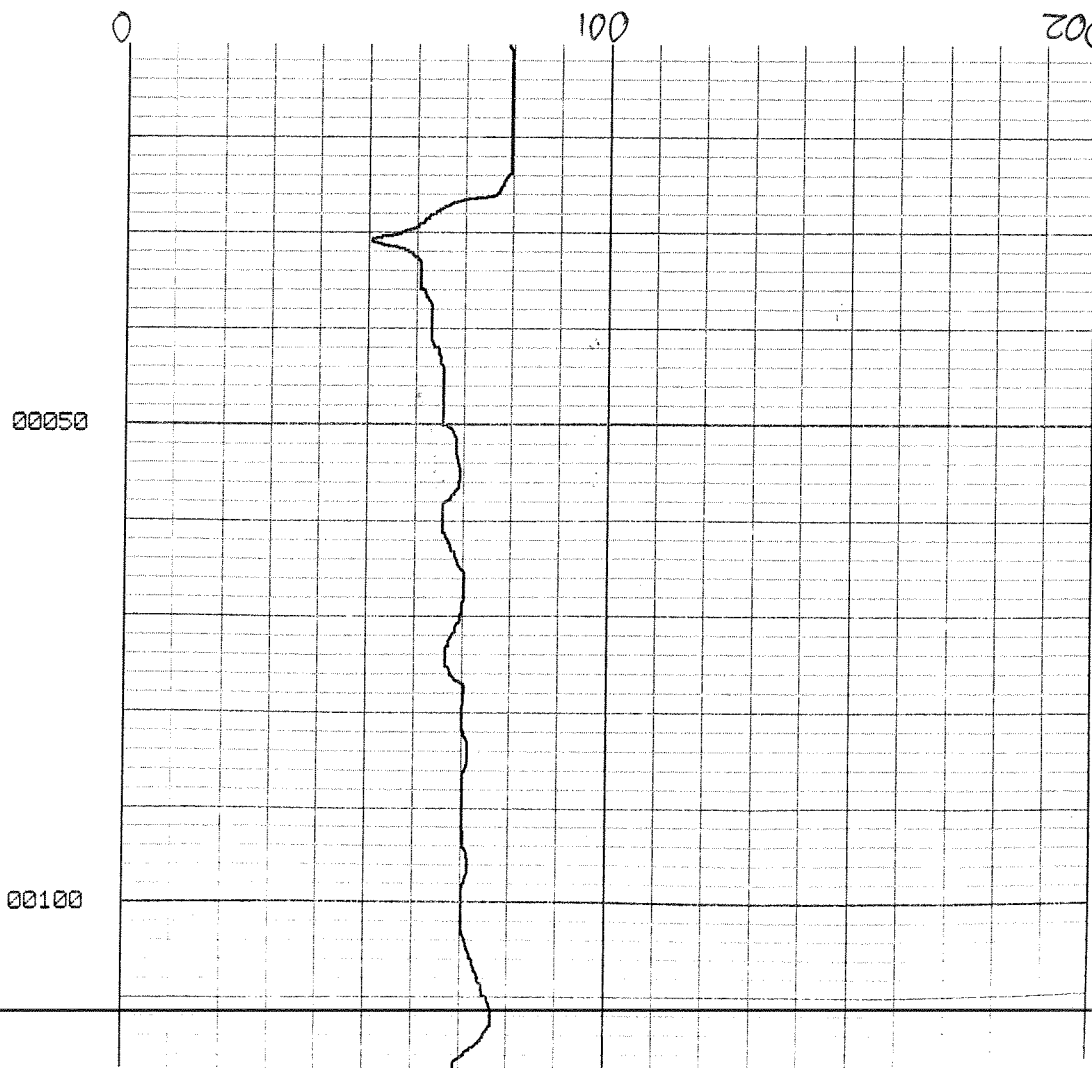
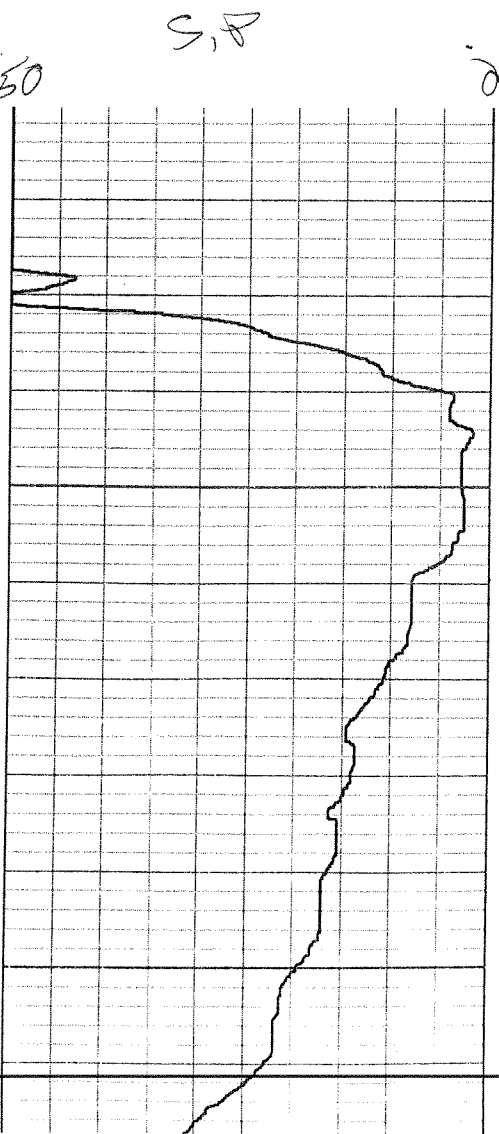
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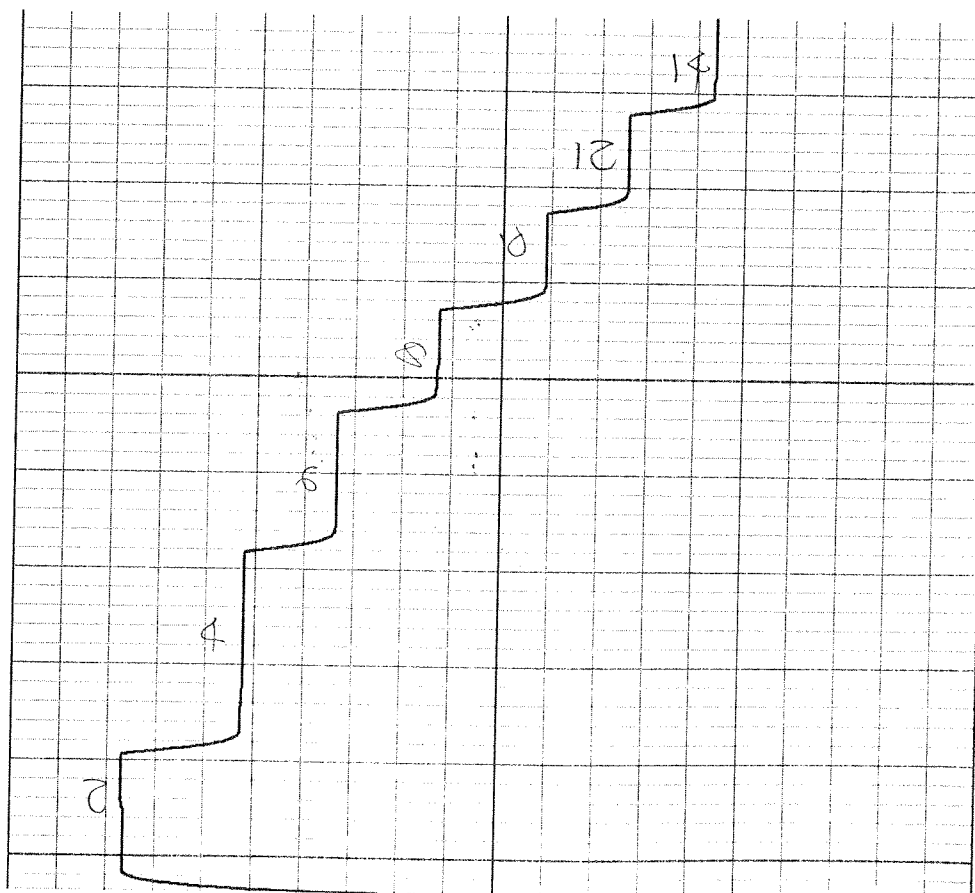
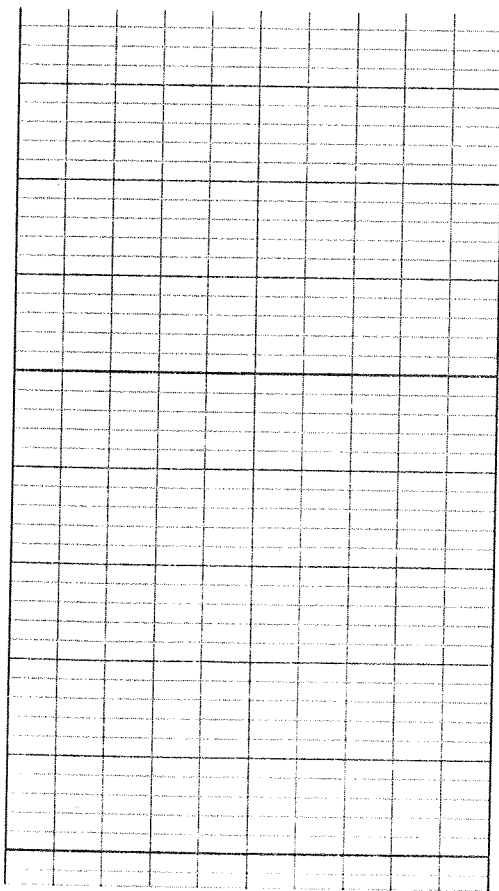
SLOWW/3D

GAMMA TCZ 6/14/89
Neutron TCZ

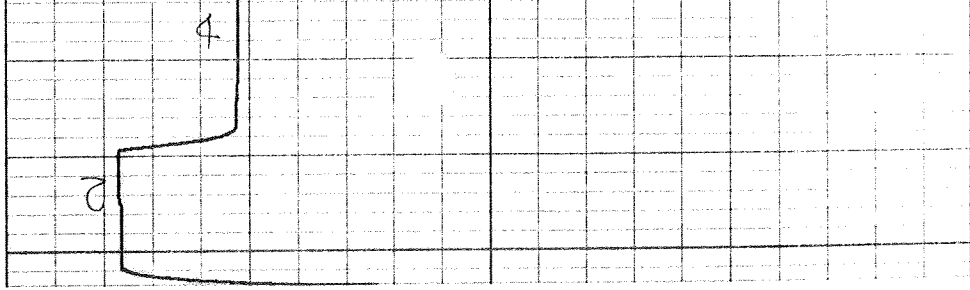
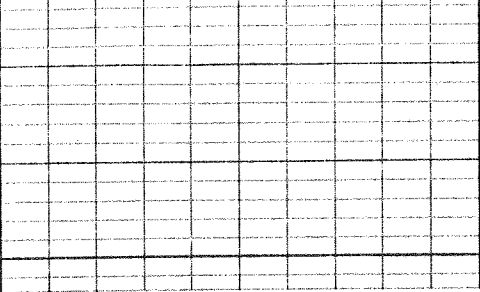


single pt.

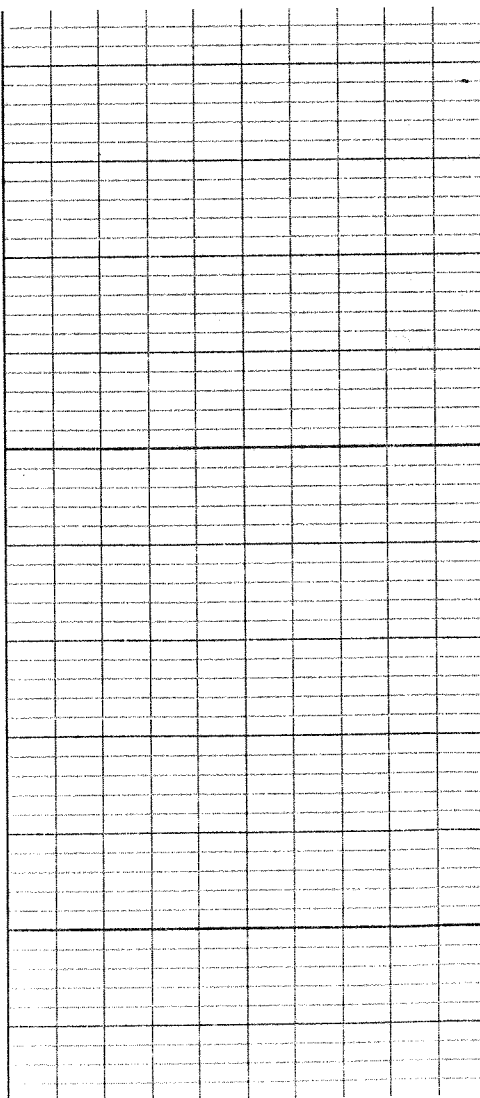




Calculus
3/1/02

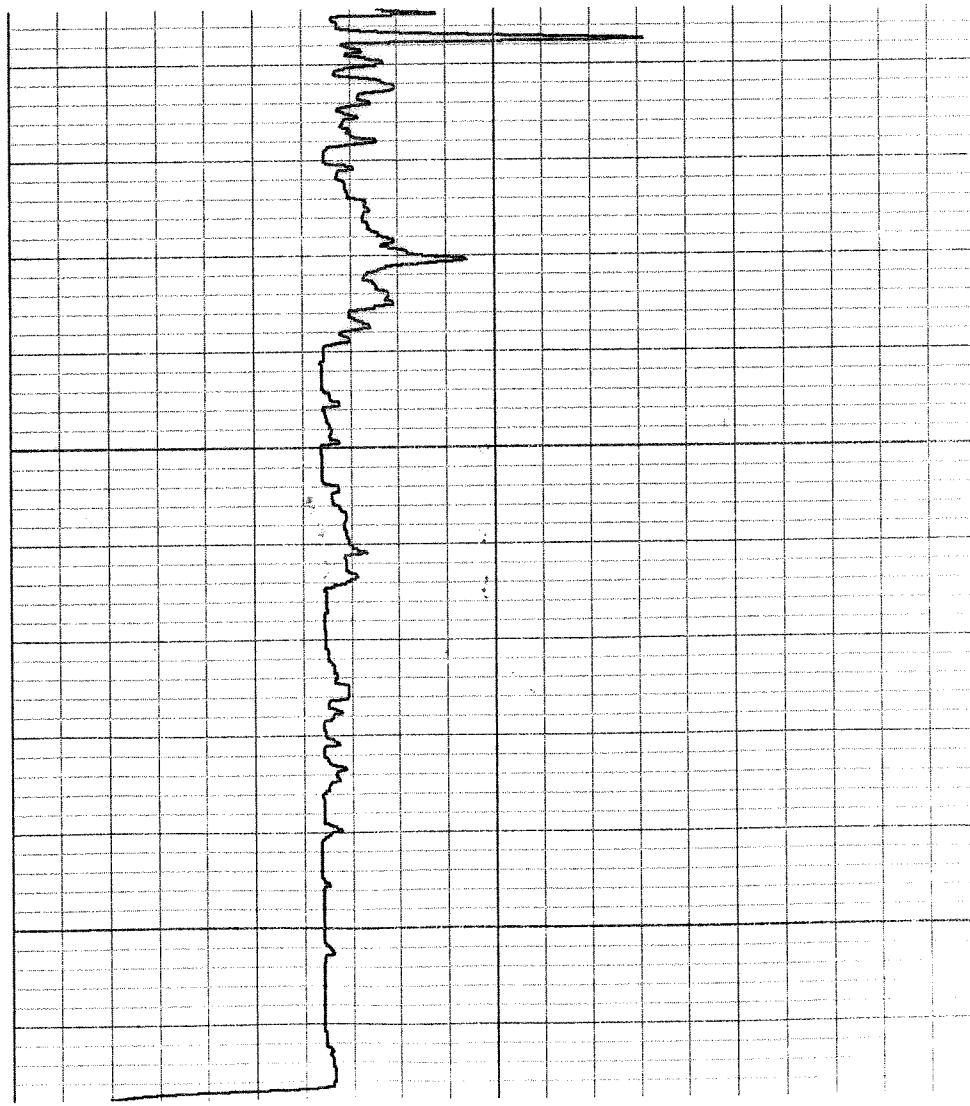


CALIPER SCUMU13D
6/14/89

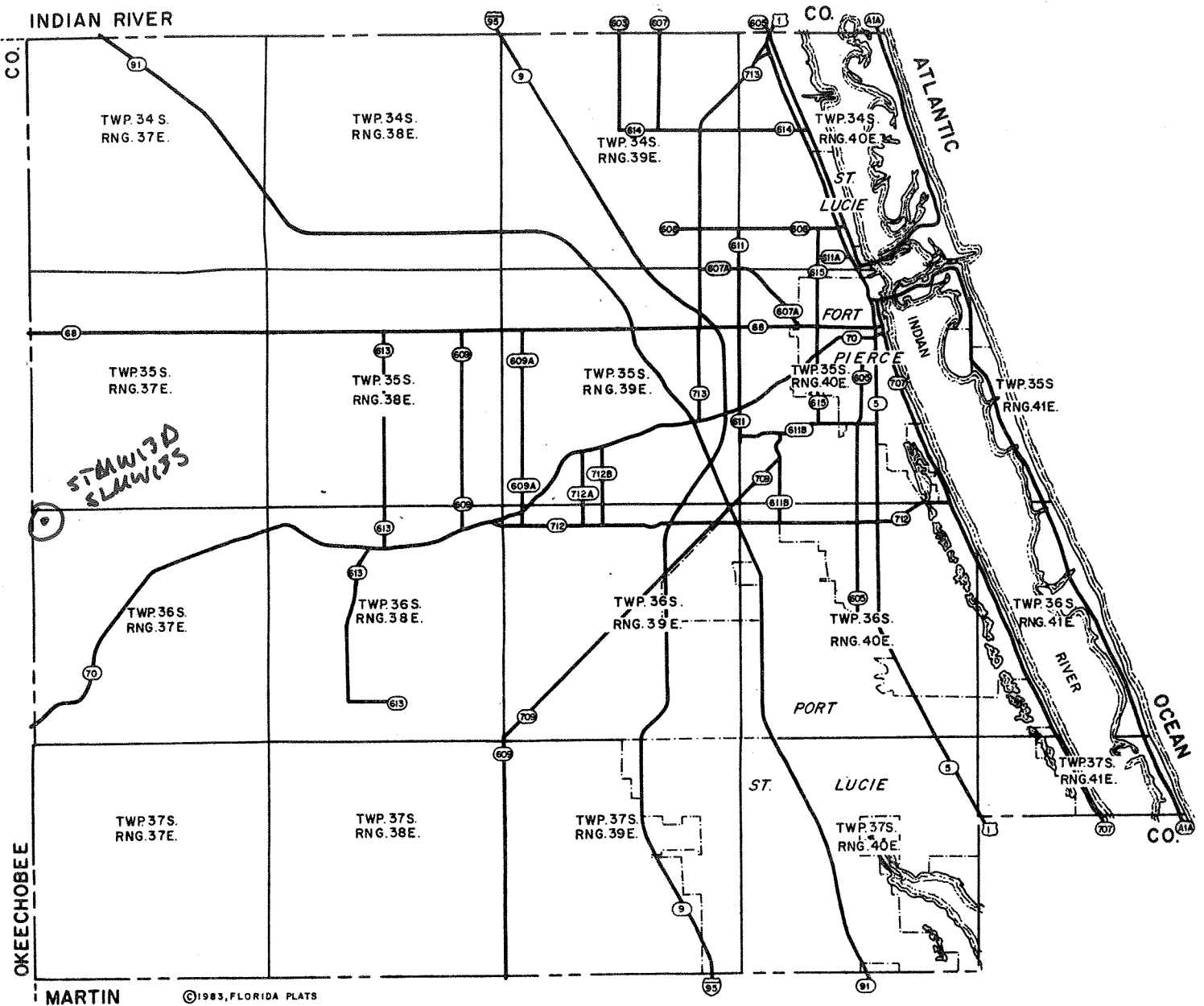


00050

00100



1988 ST. LUCIE CO. FLORIDA



This directory has been published as a county ownership reference guide. The data contained herein has been compiled from the official city, state, and county public records. Constant property sales and transfers make it impossible for us to guarantee 100% accuracy; errors and omissions are inevitable. If you should notice an error in the Index of Owners or on a map, we would appreciate it if you would mail the correction to us on the coupon provided.

Florida Plats

1213 Bowman Street
Clermont, Florida 32711

(904) 394-6363

NAME _____	
ADDRESS _____	
CITY _____	STATE _____ ZIP _____
COUNTY _____	TWP. & RNG. _____
SECTION _____	AMOUNT OF ACREAGE _____

We convey sincere thanks to your county officials for their participation. Your county plat directory has been made possible with their cooperation and support.

RIGHT OF ENTRY AGREEMENT/WELL CONSTRUCTION

The SOUTH FLORIDA WATER MANAGEMENT DISTRICT and/or The U.S.C.S.
and the agents, employees or assigns of each
(Permittees) are hereby granted the right to enter upon property owned by Charles Vayrus
Charles Vayrus (owner), and described herein, for the following purposes:

1. To construct water well(s) for the purpose of gathering lithologic data.
2. To conduct aquifer performance and step drawdown test(s) to determine water availability.
3. To collect geophysical logs on selected well(s). SEE ATTACHMENT "A"
4. To periodically be allowed access to the well(s) for the purpose of monitoring water levels and/or water quality sampling.

Such equipment as may be needed to accomplish the above purposes may be brought upon, over and across the property, which is described as follows:

Township 36 South
RANGE 37 East

The permittees, and each of them, warrant to the undersigned that upon completion of the above purposes, the property will be left in, or restored to, the same condition as it was when the permittees or their contractor(s) first entered upon the land to begin their work.

The permittees, and each of them, separately and severally, in the event of any damage to the property and hold harmless the undersigned owner from claims for damages to property caused by the permittees, their agents, servants, employees, or contractors, during the time this permit for access and use is in effect.

[Signature]
OWNER [Signature]

Date: 4/11/89

Executed by owner in presence of
[Signature]

COUNTERSIGNED BY PERMITTEE(S)
[Signature]
for SFWMD

Date: 4/11/89

for

Date:

Grab Samples Collected
w/ wire strainer

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT STL WELL NO. SLMW13D DATE 6/14/89

TIME Drilling mud rotary, Bentonite and Polymer mud 5 5/8" tricone roller bit

DEPTH	DESCRIPTION - ROCK TYPE, COLOR, HARDNESS, OTHER
0851	Drilling 0'-1', black organic soil and sand
	1'-4" brown-yellow sandy clay 50% sd, 50% clay
	4'-5' grey sandy clay
0858	@ 5' hard, brown to grey limestone (micrite?) very slow drilling, switching from drag bit to 5 5/8" tricone roller bit. Not Present @ SLMW135
09	@ 7.5' as above
	@ 8' shell, white, weathered bleached
1001	@ 12' shell, broken, white to pale orange, rapid drilling
1004	@ 15' shell hash w/ sand
1009	@ 20' shell + sd, sand bed @ 20'
1014	KD @ 22', shell w/ small amount of fine sand, Add 20' DP #1 w/ stabilizers, DS = 47'
	@ 22' as above
	22'-27' shell.
	Mixing mud w/ EZ mud polymer
	@ 27' Shell and grey, sandy clay stringers
1030	@ 30' grey to orange shell, some sandstone and sandy clay
	@ 33' Shell 50%, sandy clay 50%
1033	@ 35' Shell with trace of clay
	@ 36' Brown clayey sand and shell
	@ 37' snail shell, shell, mud and clay, Formation taking a small amount of fluid.
	@ 40' greenish clay and shell
1052	KD @ 42' Fine shell, poor returns, samples may be contaminant from up-hole, slow drilling from 40'-42'
1059	Mixing bentonite mud. Add 20' DP #2; DS = 67'
	42'-45' fine sand, clay shell
	@ 45' clean shell, formation taking a little fluid.
	@ 47' clean shell and sand, black to orange

WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT STL WELL NO. SLMW13D DATE 6/14/89

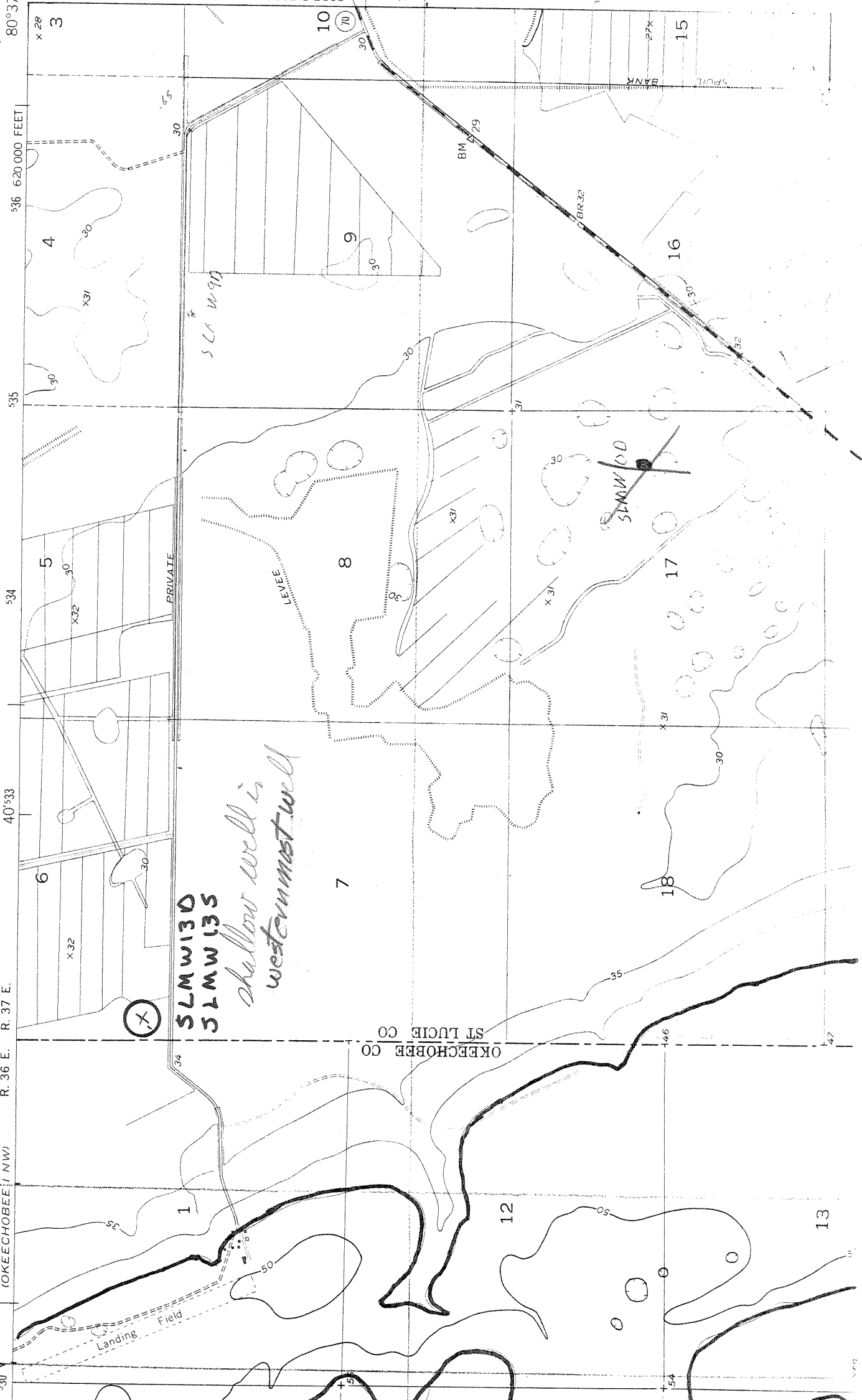
TIME

DEPTH	DESCRIPTION - ROCK TYPE, COLOR, HARDNESS, OTHER
	@ 51' whole shell and sand, formation taking a little fluid
1121	@ 57' whole + broken shell with trace of sandy clay.
	@ 59' Shell and Sandy clay
	@ 60' Clay with trace of shell
1131	KD @ 62' as above, add 20' DP#3, DS=87'
1145	@ 65' increase in shell, some sandy semi-consolidated limestone
	@ 75' light grey semi-consolidated sandy limestone with shell
	@ 76' clayey lime mud and shell, "salt and pepper" appearance
	@ 77' brown, granular limestone, well consolidated
	@ 78' grey, granular limestone, poorly consolidated
1205	KD @ 82' as above, add 20' DP#4, DS=107', mixing bentonite mud.
	@ 85' Shell with grey to light brown limestone, poorly to moderately consolidated
	@ 87' Shell hash with limestone
1229	@ 90' Shell hash, turritella sp.
1231	@ 93' Shell hash with trace of limestone + lime mud
	@ 95' as above with 50% clay
1235	@ 96' Clay 60%, green and grey; Shell 40%
	@ 97' Shell, limestone and clay
	@ 99' lime mud, limestone and shell w/ trace of clay
1240	KD @ 102' lime mud and clay; add 20' DP#5; DS=127'
	102'-105' sandy lime mud and clay, phosphatic, 10%-20% shell fragments
1254	@ 105' light grey-green clay, phosphatic, trace of shell
	@ 112' light grey lime mud and poorly consolidated limestone with clay, very phosphatic.
	@ 114' light grey clayey mud and light green

4838 / NE / NEJ
OKEECHOBEE / NEJ

OKEECHOBEE 1 SW QUADRANGLE FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC)

535 536 620,000 FEET 80°37'30" 27°22'30"



5LMW130
5LMW135
*shallow well is
westernmost well*

Column 6
4838 / NWJ
OKEECHOBEE / NWJ
Column 7
R. 36 E.
R. 37 E.

OKEECHOBEE CO
ST LUCIE CO