

Update
RC-11/88

NW 3378

R SITE NO. 303126084141301

FORM NO. 9-1904-A

Revised September 1980

Recorded by J.R. Wagner

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
SITE SCHEDULE

Date 3-19-82

Check One ☒ English ☐ Metric Units

GENERAL SITE DATA (0)

Site Ident No 303126084141301 RG Number R=0* Transaction T= A D M V *
Site-Type 2= C D E H I M Ø P S T W X * Data Reliability 3= C U * Reporting Agency 4= FLO83 *
Project No. 5= 459536809 District 6= 123 State 7= 12 County (or town) Leon 8= 073 *
Latitude 9= 303126 Longitude 10= 0841413 Lat-Long Accuracy 11= S F T M *
Local Number 12= Royal Oaks Test Well No 18 Land Use Loc. 13= NESES 33 T 2N R 1E T *
Location Map 14= BRADFORDVILLE Scale 15= 24000 6W Area 2
Altitude 16= 185 Method of Measurement 17= A L M Accuracy 18= 5
Topo Setting 19= A B C D E F G H K L M Ø P S T U V W * Hydrologic Unit (OWDC) 20= *
Use of Site 23= A C D E G H M Ø P R S U W X Z Secondary Site Use 301= Tertiary Site Use 302= *
Use of Water 24= A B C D E F H I J K M N P O R S T U Y Z
Secondary Water Use 25= Tertiary Use of Water 26= Depth of Hole 27= Depth of Well 28= 368 Source of Depth Data 29= L
Water Level 30= 150 Data Measured 31= 06/03/1980 Source 33= S
Method of Measurement 34= A B C E G H L M N R S T V Z
Site Status 37= D E F G H I J N Ø P R S T V W X Z
Source of Geohydrologic Data 36= Pump Used 35= Date of First Construction/Completion 21= 06/03/1980

OWNER IDENTIFICATION (1)

R=158 T= A D M Date of Ownership 159# 06/03/1980
Name: Last 161# City of Leon First 162= Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 T= A D M Ident 190# LN 78 Assigner 191= NWFWMA
New Card Same R & T Ident 190# 00506 Assigner 191= Permit NWFWMA

SITE VISIT DATA (1)

R=186 T= A D M Date of Visit 187# 06/03/1980 Name of Person 188= PRATT

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 T= A D M Date 193# / / Geohydrologic Unit 195#
New Card Same R thru 195
Temperature 196# 00010 Degrees C 197= *
Conductance 196# 00095 µ Mhos 197= *
Other (STORET) Parameter 196# Value 197= *
Other (STORET) Parameter 196# Value 197= *

FOOT NOTES:

① Source of Data Codes:

A D G L M O R S Z
other, drifter, geologist, logs, memory, owner, other, reporting, other gov't reported agency

map # 1676

WELL CONSTRUCTION DATA (1)

R = 58 * T = A D M * Entry No 59 # 001 * Date of Construction Completion 60 = 06 / 09 / 1980 * Source of ^① Const. Data 64 = 5 *

Name of Contractor/Driller 63 = Rowe *

Method of Construction 65 = A B C D H J P R T V W Z *
 air, rotary, bored, or augered, cable, tool, dug, hydraulic, rotary, jetted, air-per-cussion, reverse, rotary, trenching, driven, drive, wash, other

Finish 66 = C F G H P S T W X Z * Type of Seal 67 = B C G N Z *
 porous, concrete, gravel w. perf, gravel, screen, horizontal, gallery, open, end, perforated, or slotted, screen, sand point, walled, open, hole, other, bentonite, clay, cement, none, other, grout

Bottom of Seal 68 = 247 * Method of Development 69 = A B C J N P S Z * Number of Hours in Development 70 = *
 air-lift, bailed, compressed, jetted, none, other, surged, other pump

Special Treatment During Development 71 = C D E F H M Z *
 chemicals, dry ice, explosives, deflocculent, hydrofracturing, mechanical, other

DIMENSIONS OF THE HOLE CONSTRUCTED (2)

R = 72 * T = A D M * Construction Entry No 59 # 001 *

Top of Hole Segment Below LSD

73 # 0 *
73 # 92 *
73 # *
73 # *
73 # *

Bottom of Hole Segment below LSD

74 = 92 *
74 = 247 *
74 = *
74 = *
74 = *

Diameter of Hole Segment

75 = 14 *
75 = 8 *
75 = *
75 = *
75 = *

New Card for Each Hole Segment
 Same R, T & Field 59

CASING SCHEDULE (2)

R = 76 * T = A D M * Construction Entry No 59 # 001 *

New Card for Each Casing With Same R, T & Field 59

Top of Casing Segment Below LSD

77 # 1 *
77 # *
77 # *
77 # *
77 # *

Bottom of Casing Segment Below LSD

78 = 247 *
78 = *
78 = *
78 = *
78 = *

Diameter of Casing Segment

79 # 8 *
79 # *
79 # *
79 # *
79 # *

Casing Material ^⑤

80 = 5 *
80 = *
80 = *
80 = *
80 = *

Thickness of Casing

81 = *
81 = *
81 = *
81 = *
81 = *

OPENINGS SCHEDULE (2)

R = 82 * T = A D M * Construction Entry No 59 # 001 *

New Card for Each Open Section With Same R, T and Field 59

Top of Section Below LSD

83 # 247 *

Bottom of Section Below LSD

84 = 368 *

Type of Openings ^⑥

85 = X *

Type of Material ^⑦

86 = * *

Diameter of Open Section

87 = * *

Width of Opening

88 = * *

Length of Opening

89 = * *

(Openings Data)

83 # *
84 = *
85 = *
86 = *
87 = *
88 = *
89 = *

(Openings Data)

83 # *
84 = *
85 = *
86 = *
87 = *
88 = *
89 = *

FOOT NOTES:

① Source of Data Codes:

A D G L M O R S Z *
 other, driller, geologist, logs, memory, owner, other, reporting, other gov't reported agency

⑤ Casing Material Codes

B C D G I M P R S T U W Z *
 brick, concrete, copper, galv, wrought, other, PVC or, rock or, steel, tile, coated, wood, other iron iron metal plastic stone steel

⑥ Type of Openings Codes

F L M P R S T W X Z *
 fracture, louvered, mesh, perforated, wire, screen, sand, walled, open, other shuttered or slotted wound (unknown) point hole

⑦ Type of Material Codes for Open Sections

B C G I M P R S T Z *
 brass or, concrete, galv, wrought, other, PVC or, stainless, steel, tile, other bronze iron iron metal plastic steel

R = 134	(46)	T = A D M *	Entry No	147 H 001 *	Date	148 = 06/16/1980 *
flowing pumps		add, delete, modify			month day year	
Discharge:	150 = 350 ° *		Source of Data ①	151 = R *	Draw-down	309 = L ° *
Method of Measurement	152 = B C E F M O P R T U V W Z *	bailer, current meter, estimated, flume, totaling meter, orifice, pitot-tube, reported, trajectory, venturi, volumetric, weir, other				
Production Level	153 = 150 ° *	Static Level	154 = 150 ° *	Source ① of Data	155 = ° *	Specific Capacity 272 = 275 ° *
Method of Measurement	156 = A B C E G H L M N R S T V Z *	aerialo, analog, calibrated, estimated, pressure, calibrated, geophysical, manometer, non-rec., reported, steel, electric, calibrated, other				Pumping Period 157 = 8 ° *
		airline gage pressure gage logs tape type electric tape				

R = 42 *	T = A D M * add, delete, modify	Type of Lift 43 # A B C J P R S T U Z *	Entry No. 254 #
Pump Intake Setting 44 =	Type of Power 45 = D E G H L N W Z *	air, bucket, centrifugal, jet, piston, rotary, submergible, turbine, unknown, other	None
44 =	45 =	diesel, electric, gasoline, hand, LP gas, internal, windmill, other gas	
Date 36 = month / day / year *	Horsepower 46 =		

R = 4 7 *	T = - A D M *	Type of Lift	4 3 # *	Lift Entry No.	2 5 4 # *	Manufacturer of Pump	4 6 = * *
add, delete, modify							
Serial No of Pump	4 9 = * *	Name of Power Company	5 0 = * *				
Power Company Account No	5 1 = * *	Power Meter No	5 2 = * *			Pump Rating	5 3 = * *
Person or Company Who Maintains the Pump	5 4 = * *	Additional Lift	2 5 5 = * *			Rated Pump Capacity	2 6 8 = * *

R = 55	*	T =	A	D	M	*	Type of Lift	43#	*	Type of Power	56 =	*	Horsepower	57 =	*	Lift Entry No	254 #	*
			add, delete, modify															

R=198 *	T= <u>A</u> D M *	New Card for Each Log Type Same R & T		
add, delete, modify				

Also
N-390
u-348

199#	J	*
199#	C	*
199#	T	*
199#	D	*

Begin Depth	200 =	4	*
	200 =	8	*
	200 =	10	*
	200 =	10	*
	200 =	10	*

End Depth	201 =	215	*
	201 =	215	*
	201 =	215	*
	201 =	215	*
	201 =	215	*

Source of Data ^①

202 =	S	*
202 =	S	*
202 =	S	*
202 =	D	*

R = 114 *	T = A D M * add, delete, modify	Begin Year 115 #	End Year 116 =	Source Agency 117 #
Frequency of Collection ③ 118 = *	Network Site ⑤ 257 # *	Type of Analyses ④ 120 = *	Analyzing Agency 307 = *	

R= 1 2 1 * T= A D M * Begin Year 1 2 2 # * End Year 1 2 3 = * Source Agency 1 2 1 # *
 add, delete, modify
 Frequency of Collection ③ 1 2 5 = * Network Site ⑤ 258 # *

R = 127 * T = A D M * Begin Year 128 # End Year 129 = Source Agency 130 #

add, delete, modify

Frequency of Collection ③ 131 = * Network Site ⑤ 259 # * Method of Collection 133 = C E M U Z *

calculated estimated entered unknown other

R = 180 *	T = A D M *	312 #	*	181 =	*	182 =	C D R Z *	*	261 =	F M P Z *	*	
add, delete, modify						comp. dis- reporting, other erator tract, agency			files, machine, published, other readable			
New Card Same R & T				312 #	*	181 =	*	182 =	C D R Z *	*	261 =	F M P Z *

A	D	G	L	M	O	R	S	Z	A	B	C	D	F	I	M	Ø	Q	S	W	Z	2	3	4	5	X
other, drillar, geologist, logs, memory, owner, other, reporting, other gov't	annual, monthly, tinuous	bi-monthly, tinuous	daily, semi-monthly, tincent,	inter-monthly, tincent,	monthly, only	one, quarter, annual, only	quarter, semi-weekly, other, every, every, every, every, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years	2, 3, 4, 5, 10 years

Type of Log Codes

A	B	C	D	E	F	G	H	I	J	K	L	M	N	Ø	P	Q
time, collar,	caliper, drillar's, electric, fluid, geologist, magnetic, induction, gamma, dipmeter, laterolog, microlog, neutron, µ later, photo, radio, conduct															

Network Codes

S	T	U	V	X	Z
sonic, temp, gamma, fluid, core, other gamma velocity					

④ Type of Quality Analyses Codes

A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Z
physical, common, trace, pesticides, nutrients, sanitary, codes, codes, codes, codes, codes, codes, all or, codes, codes, other ions elements															

national district project coordinator

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * add, delete, modify
 Entry No 256 # 001 * Depth to Top 91 = * Depth to Bottom 92 = *
 93 = 120 FURD * 304 = P * 96 = * 97 = *
 Unit Identifier Contributing Unit Lithology Lithologic Modifier

AQUIFER DATA (2)

R = 94 * T = A D M * add, delete, modify
 Date 95 # 06/03/1980 * month day year
 Geohydrologic Unit Entry No 256 # 001 *
 Water Level 126 = 150 *
 % Water Contributed 132 = 100 *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * add, delete, modify
 Entry No 256 # * Depth to Top 91 = * Depth to Bottom 92 = *
 93 = * 304 = * 96 = * 97 = *
 Unit Identifier Contributing Unit Lithology Lithologic Modifier

AQUIFER DATA (2)

R = 94 * T = A D M * add, delete, modify
 Date 95 # / / * month day year
 Geohydrologic Unit Entry No 256 # *
 Water Level 126 = *
 % Water Contributed 132 = *

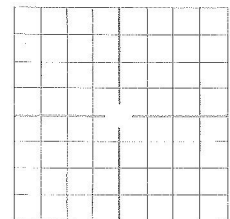
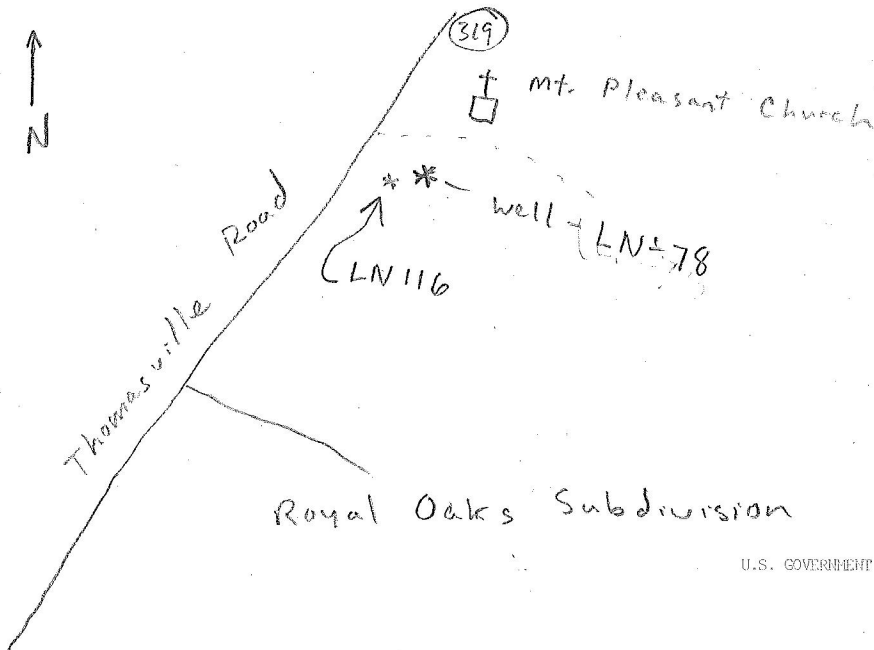
PERTINENT REMARKS

R = 183 * T = A D M * add, delete, modify
 Remark No. 311 # * 185 = *
 311 # * 185 = *

① Contributing Unit Codes

P	S	N	U
primary contributing	secondary contributing	non-contributing	unknown

See LN 78 geophysical log for location sketch



NWFWMD-3378

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

303/26084141301

FILE NO. LN-78

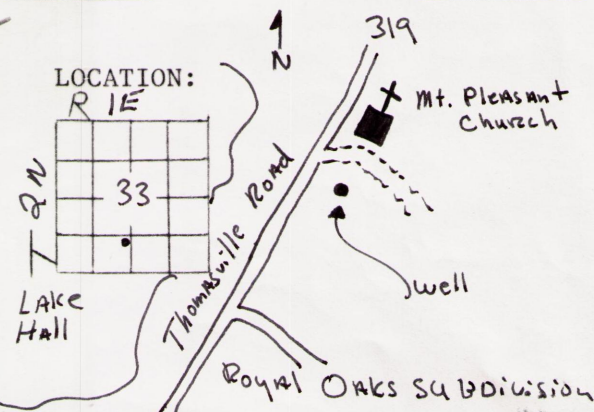
B.O.G. NO. W-

WELL NUMBER _____ BASIN _____ LAT. 30°31'26" LONG. 84°14'13" COUNTY Leon DATE 6/3/80 PERMIT NO. _____LOCATION T 2N R 1E SEC 33 NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of SW $\frac{1}{4}$ MAP OR QUAD Bradfordville7' ☒ 15' ☐OWNER City of Tallahassee ROYAL OAKS TEST WELL ADDRESS _____WELL DEPTH 215 ft. CASING 94 ft. OPEN HOLE 121 ft. WELL FINISHED: SCREENED N SCREEN INTERVAL N/A OPEN HOLE —START OF LOG LSD 0 ft. TOP OF CASING TO LSD +2 ft. DEPTH LOGGED TOP 0 ft. BOTTOM 215 ft. TOTAL FT. LOGGED 645CONDITION testwell DATE DRILLED 6/80 GROUTED No DATE N/A CAPPED No TYPE OF CASING Test Surface CasingFLOWING No GPM N/A HEAD IN. TOP OF LS LSD -92 MSL +93 ELEVATION OF LSD TO MSL 185 SIZE 14" completed dia. 8"

FORMATION _____ FORMATION TOP REFERENCE TO LSD _____ ft. MSL _____ ft.

AQUIFER Floridan WATER LEVEL REFERENCE TO LSD -135 FT. MSL +50 ft. ARTESIAN HEAD _____ ft.

TYPE OF LOG	INTERVAL TO	VERT. SCALE	HORZ. SCALE	DIRECTION LOGGED	SPEED FT./MIN.	REMARKS
Gamma w/ccl TC=	4 215	1'20 ft.	100 CPS	up	25'/min	
Caliper-Arms= 18"	8 215	1'-20'	8"-32"	up	25'/min	
Temp w/ccl	10 215	1'-20'	—	down	25'/min	
Fluid Resistivity						
Electric -16,64 R _p						
Flow Meter Density	2 348					
Sampler - Depth(s)						
Neutron	6 350					
Caliper	210 367					

Pump Test info - Pumped @ No gpm static — pumping level — dd — specific capacity — T = — S = —
USE OF WELL Anode Drainage Observation Oil-Gas Recharge Test Abandoned Withdrawal Waste Irrigation Public Supply —QUALITY WATER SAMPLE Yes No Date N/A Depth(s) — pH — Salinity — Conductivity — Temp. — Chloride —DRILLER Rowe Bros. TYPE OF RIG Mud Rotary PUMP INTAKE DEPTH N/A TYPE OF PUMP N/A hp — DRILLER SAMPLES YesStart of Logging 4:00 Finished logging 5:00 Total Time 1 hr. Operator/observer Pratt 1Well Accessibility good

Lithological Summary _____

REMARKS: Mr. Rowe was having difficulty with this well. Circulation was lost at 128' and not recovered. Well was logged to determine the extent of cavitation and whether or not the well was into the Suwannee Limestone. Casing set about 235 in Suwannee ls. - Test well for larger capacity well

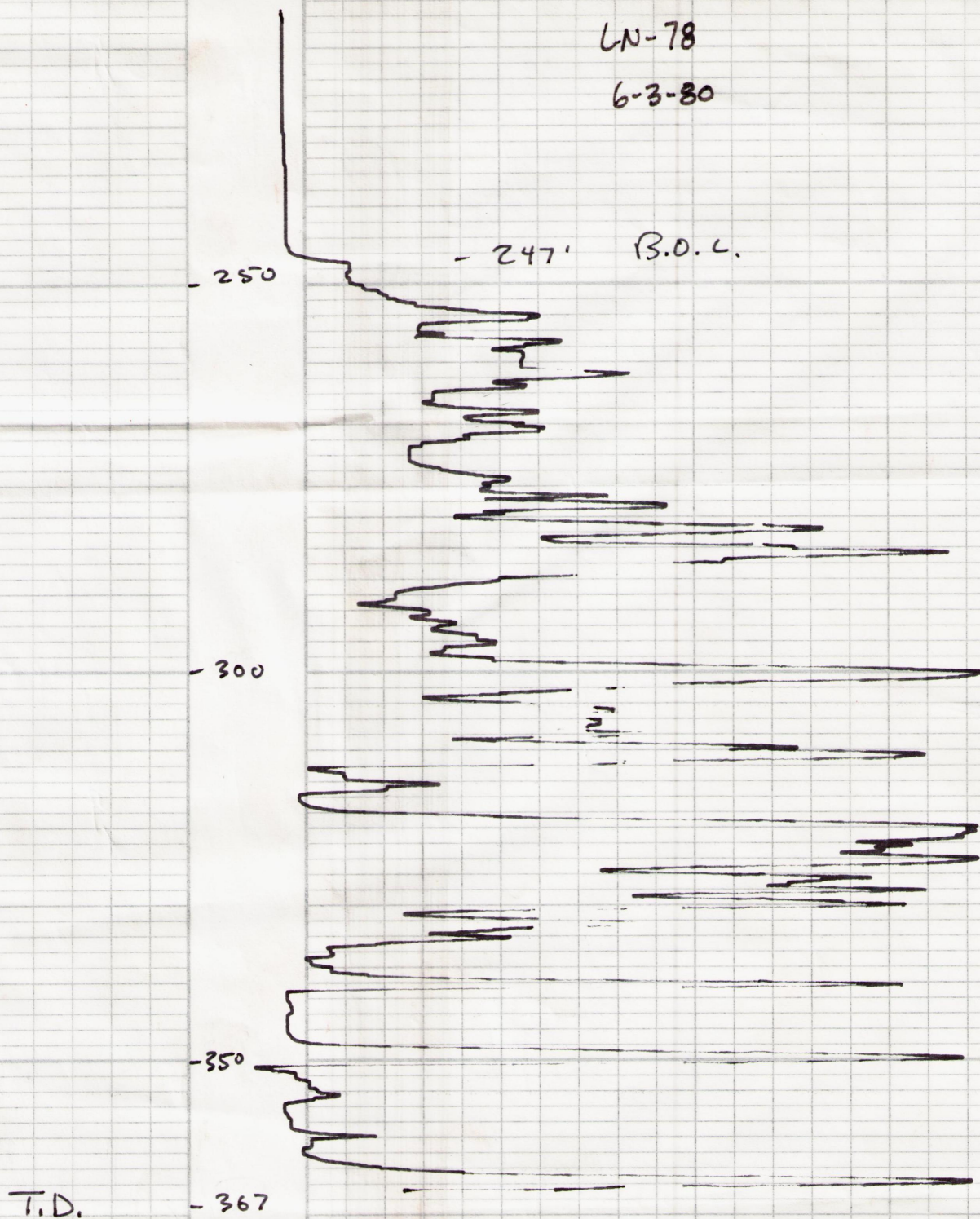
THIS LOG FOR HYDROGEOLOGICAL DATA ONLY - NOT FOR CONTRACTUAL SATISFACTION

Caliper log

NW FLD-3378

LN-78

6-3-80



- 247' B.O.C.

T.D.

0

CALIPER

LN-78

6/3/80

50

Generator

- 94'

94' Bottom of casing

100

- 135'

Water level 135'

150

200

- 215'

Total depth 215'

8

10

12

14

16

18

20

22

24

26

28

30

32

0 cps

500 cps
L 0

Density NWFD-3378

W-78

6/3/80

50 -

- 100

- 150

- 200

- 250

- 247 B.O.L.

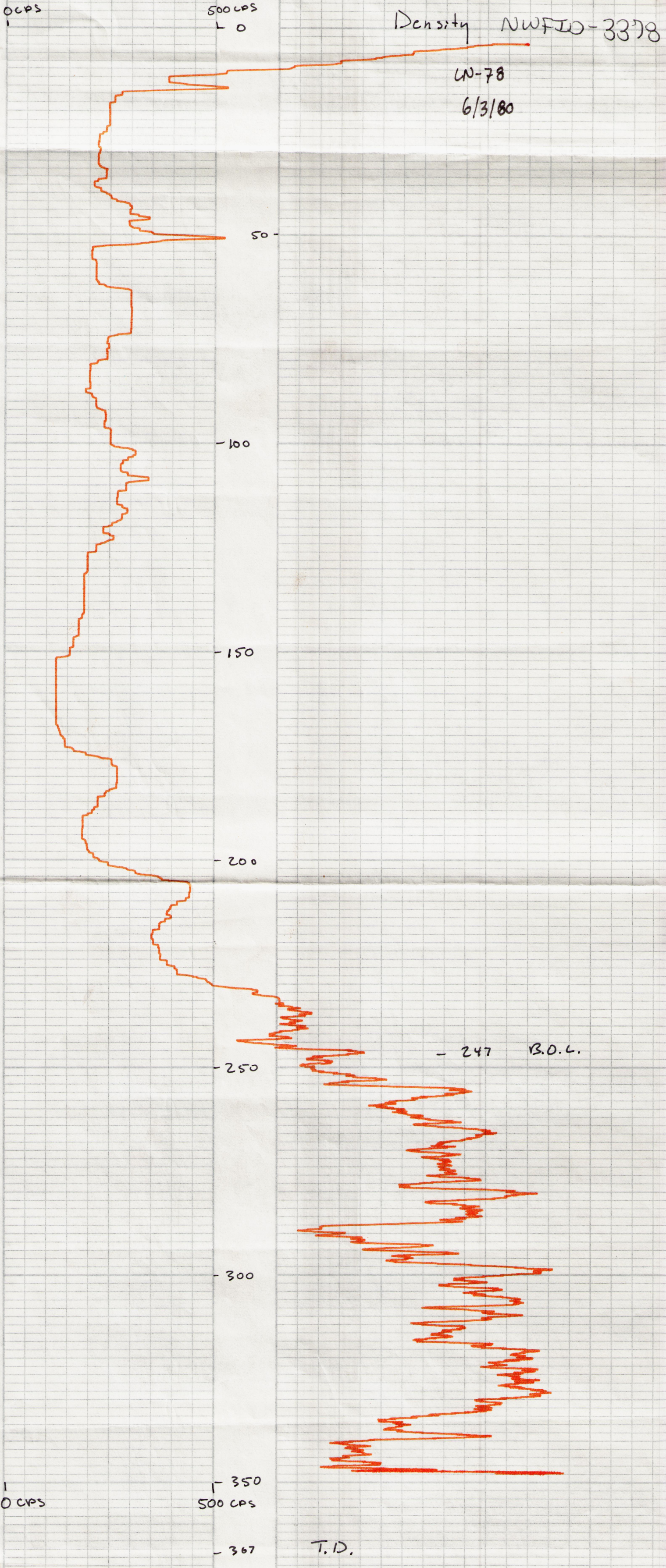
- 300

0 cps

500 cps
- 350

- 367

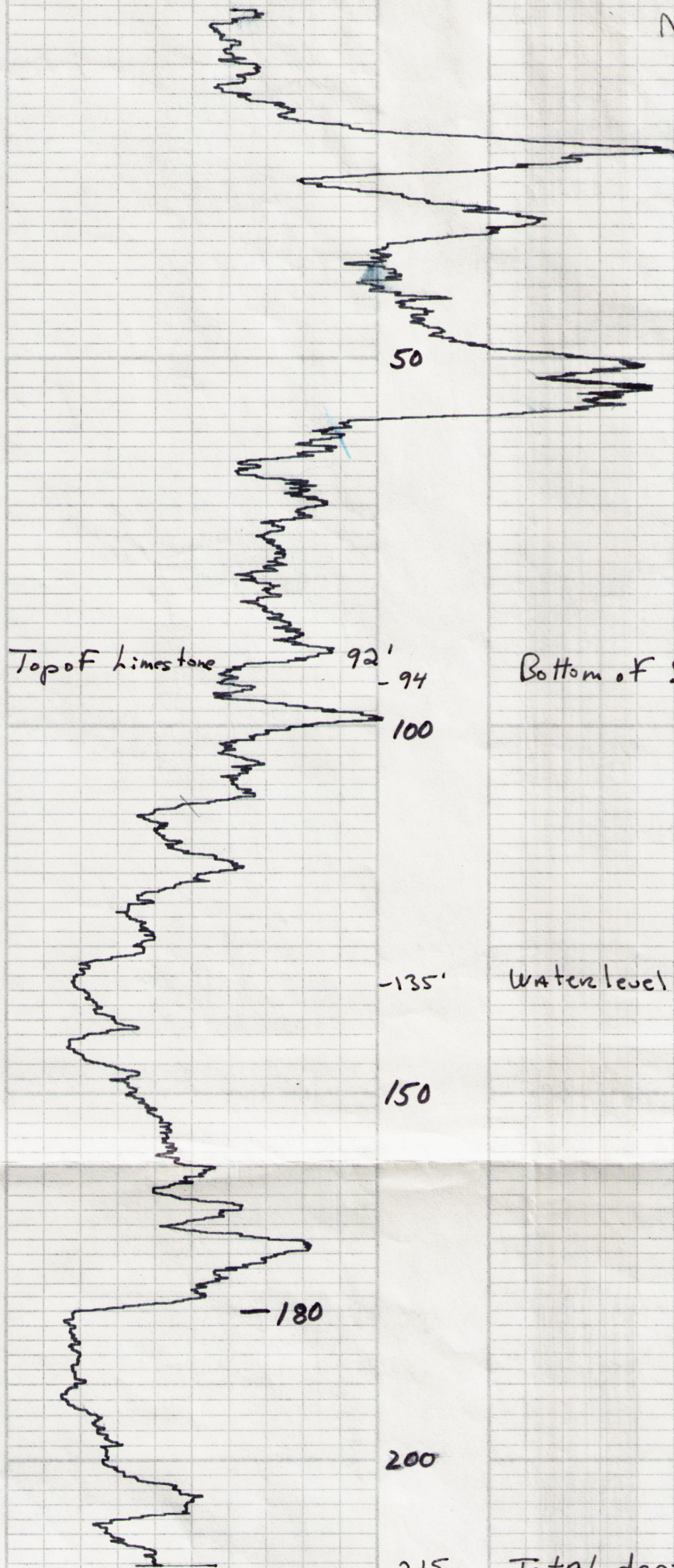
T.D.



Natural Gamma
NW FID 3378

LN-78

6/3/80



Bottom of Surface Casing 94'

Water level 135'

Total depth 215'

TEMP

NWFID-3378

LN-78

6/3/80

0

50

- 94

100

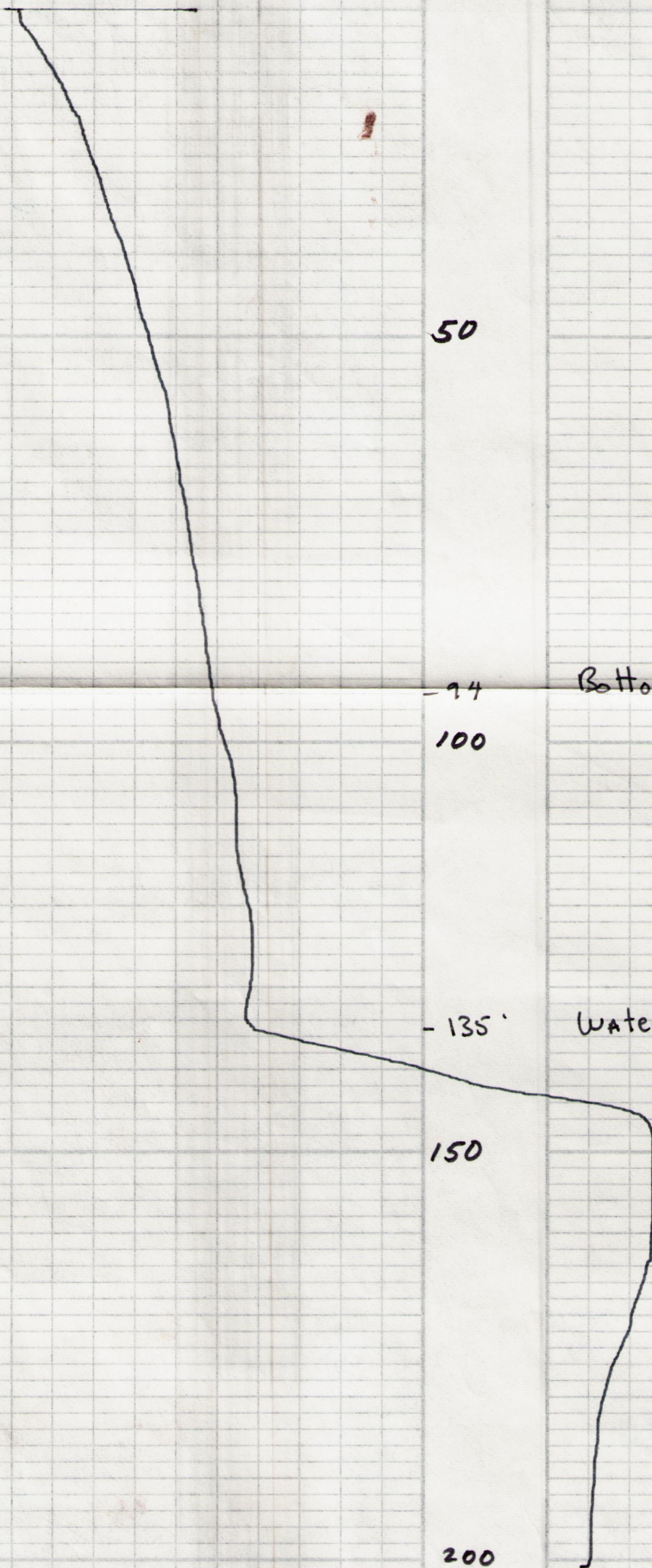
- 135'

150

200

Bottom of Surface casing 94'

Water level 135'



Natural Gamma

0 cps

100 cps

0 cps

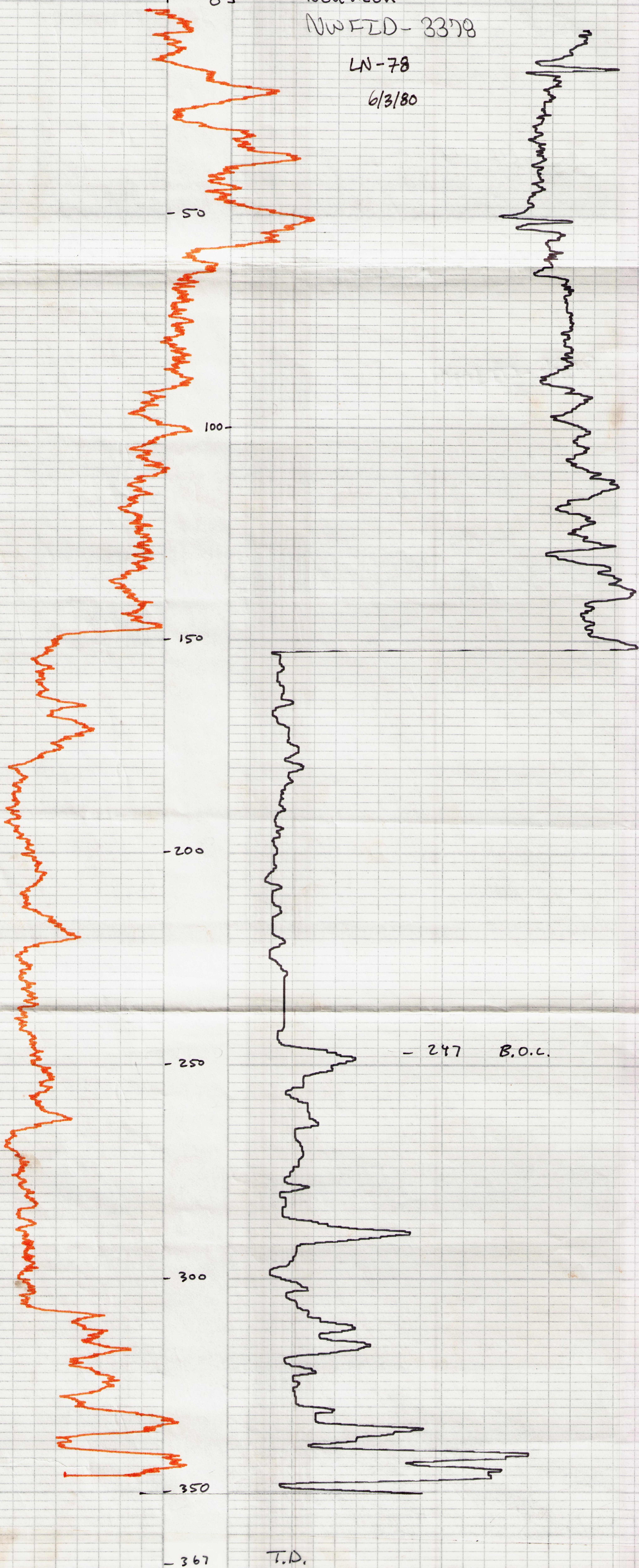
Neutron

NWFD-3378

LN-78

6/3/80

1000



T.D.