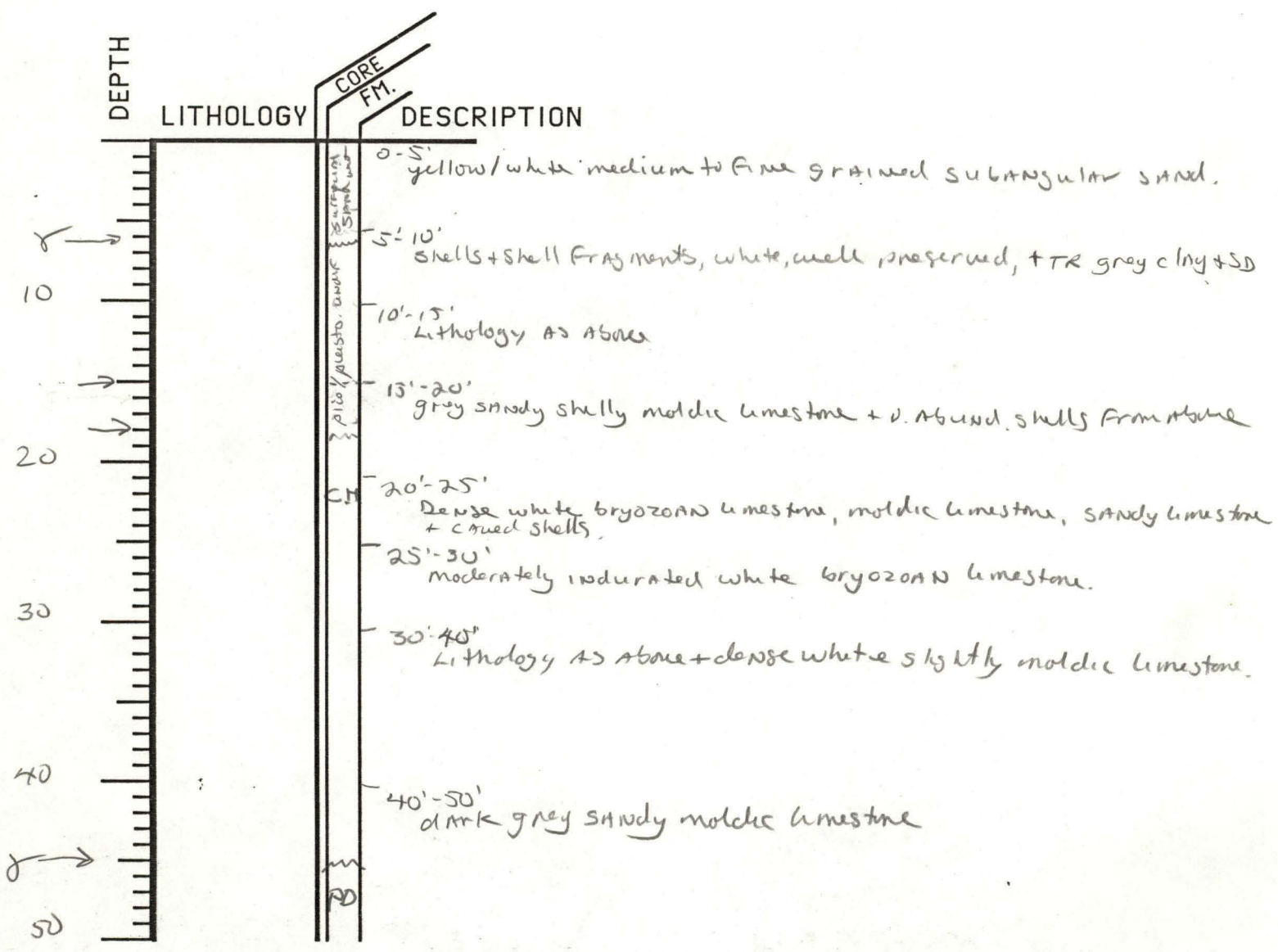


WELL CODE BW-T-8-77

ELEVATION 25

T.D. 98



50

60

70

80

90

100

50'-60'

TAN, very sandy moldic limestone & orange stained lugs + grey sandy moldic limestone

WELL CODE

BW-T-8-77

PAGE # 2

60'-70'

light grey medium grained sand, calcareous + argillaceous, + TR oysters.

70'-80'

light grey-tan medium to fine grained calc. sandstone + v. sandy moldic limestone.

80'-90'

shelly fine grained argillaceous, calcareous sandstone.

90'-98'

dense fine grained sandstone, grey

44-02-53

BR-T-8-77 Sta # 3

(2)

78-02-07

NORTH CAROLINA

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES
GROUNDWATER SECTION

BR2077

FF32 m1

Geologic Log

Well No.: _____
Date 7-14-77 County BRUNSWICK
Location, Town Boiling Springs #3 FF 32 M1

Field _____
Office _____
USGS _____

Driller _____ Date Drilled 7-14-77
ft.; Diam. _____ in.; Cased to _____ ft.; Elev. _____ ft. above MSL
Elec. log _____ Gamma log _____

Description	Depth (feet)		Thickness (feet)
	from	to	
TOP SOIL MATERIAL	0	5	Drilling Rate
TOP SOIL MATERIAL - shell starts at 8'	5	10	45 S
Shell, w/ hard layer at 15'	10	15	3m OS
pieces of shell + limestone	15	20	56m 25S
limestone light gray	20	30	6m 35S
limestone light gray	25	30	6m 35S
limestone - light gray	30	40	5m 40S
limestone w/ shell - dark gray	40	50	51m 38S
yellowish gray limestone w/ fragmented shell	50	60	3m OS
various color limestone w/ shell fragments	60	70	47S
gray clay w/ some fine sand			
SAME AS ABOVE	70	80	44S
same as above w/ more fine sand & shales of sandstone rock	80	90	1m OS
SAME AS ABOVE w/ more sandstone	90	100	5m 15S

RECEIVED

AUG 17 1977

GROUND

BR-T-8-77

BW-T-8-77
Sta #3

NORTH CAROLINA DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES
DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611

BR 2077

2

WELL RECORD

DRILLING CONTRACTOR _____ REG. NO. _____ WELL CONSTRUCTION PERMIT NO. _____

1. WELL LOCATION: (Show sketch of the location below)

Nearest Town: Boiling Spring Lakes County: Brunswick
off of Boiling Springs road near Hill Rd. Quadrangle No. FF 32 m 1
(Road, Community or Subdivision and Lot No.)

2. OWNER: GWS

3. ADDRESS: Raleigh

4. TOPOGRAPHY: draw, valley, slope, hilltop, flat (circle one)

5. USE OF WELL: obs. DATE: 7-19-77

6. DOES THIS WELL REPLACE AN EXISTING WELL? _____

7. TOTAL DEPTH: 100 RIG TYPE OR METHOD: mud rotary

8. FORMATION SAMPLES COLLECTED: YES NO _____

9. CASING: Depth Inside Wall thick. type
Dia. or weight/ft.
From 0 to 20 ft 4 Blk. iron

10. GROUT: Depth Material Method
From 0 to 20' ft cement grout Hyd
60 100 cement grout Hyd

11. SCREEN: Depth Dia. Type & Opening
From 20 to 60 ft 3 1/8" OPEN Hole

12. GRAVEL: Depth Size Material
From _____ to _____ ft _____

13. WATER ZONES (depth): _____

14. STATIC WATER LEVEL: 4.30 ft above top of casing
below Casing is 2.30 ft. above land surface ELEV: _____

15. YIELD (gpm): 20 METHOD OF TESTING: AIR LIFT

16. PUMPING WATER LEVEL: _____ ft after _____ hours
at _____ gpm.

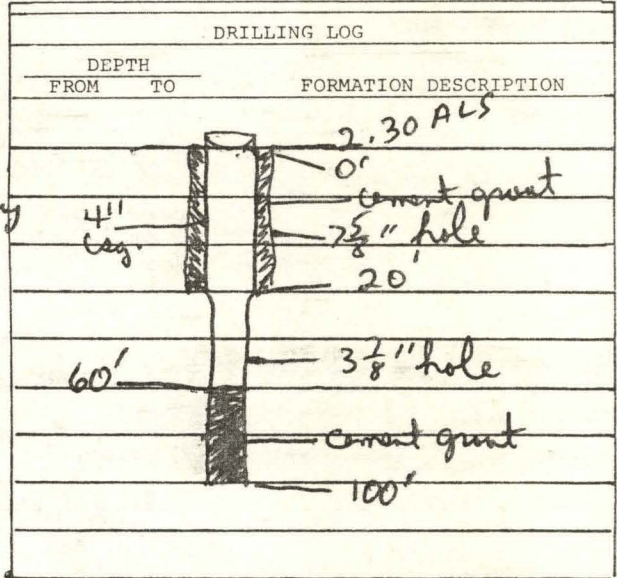
17. CHLORINATION: Type HTH Amount 1/2 cup

18. WATER QUALITY: TEMPERATURE (°F) 67° F

19. PERMANENT PUMP: Date Installed _____
Type _____ Capacity _____ (gpm) HP _____
Make _____ Intake Depth _____
Airline Depth _____

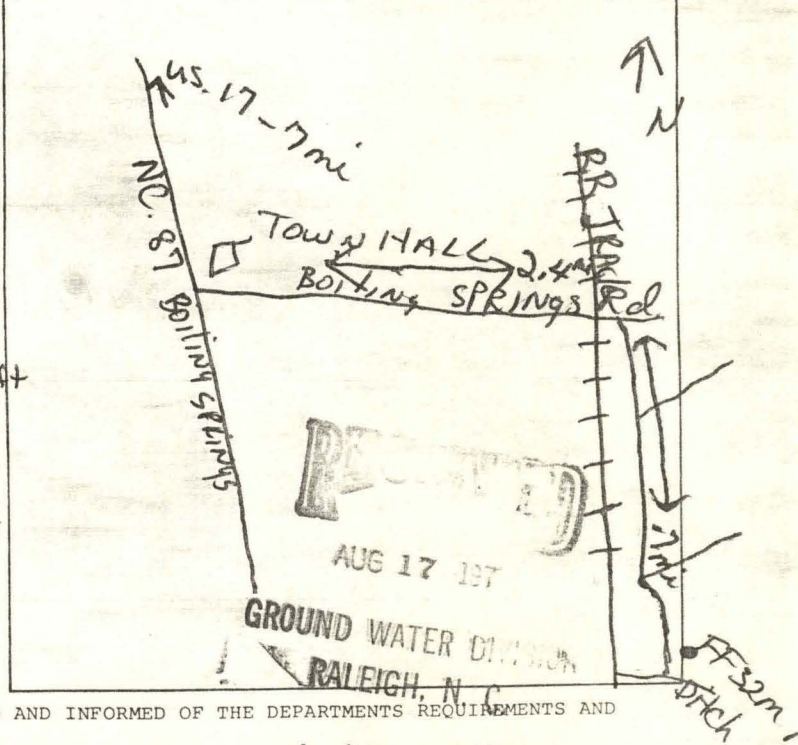
20. HAS THE OWNER BEEN PROVIDED A COPY OF THIS RECORD AND INFORMED OF THE DEPARTMENTS REQUIREMENTS AND RECOMMENDATIONS? _____

21. REMARKS P.H. 6.7 sp. Con. 420 - Hardness 171 clouds 24 PPM



If additional space is needed, use back of form

LOCATION SKETCH (Show distance to numbered roads, or other map reference points)



I do hereby certify that this well was constructed in accordance with N.C. Well Construction Regulations and Standards and that this well record is true and exact.

Timothy Hill
SIGNATURE OF CONTRACTOR OR AGENT DATE

Boiling Springs 2 FF 32 m

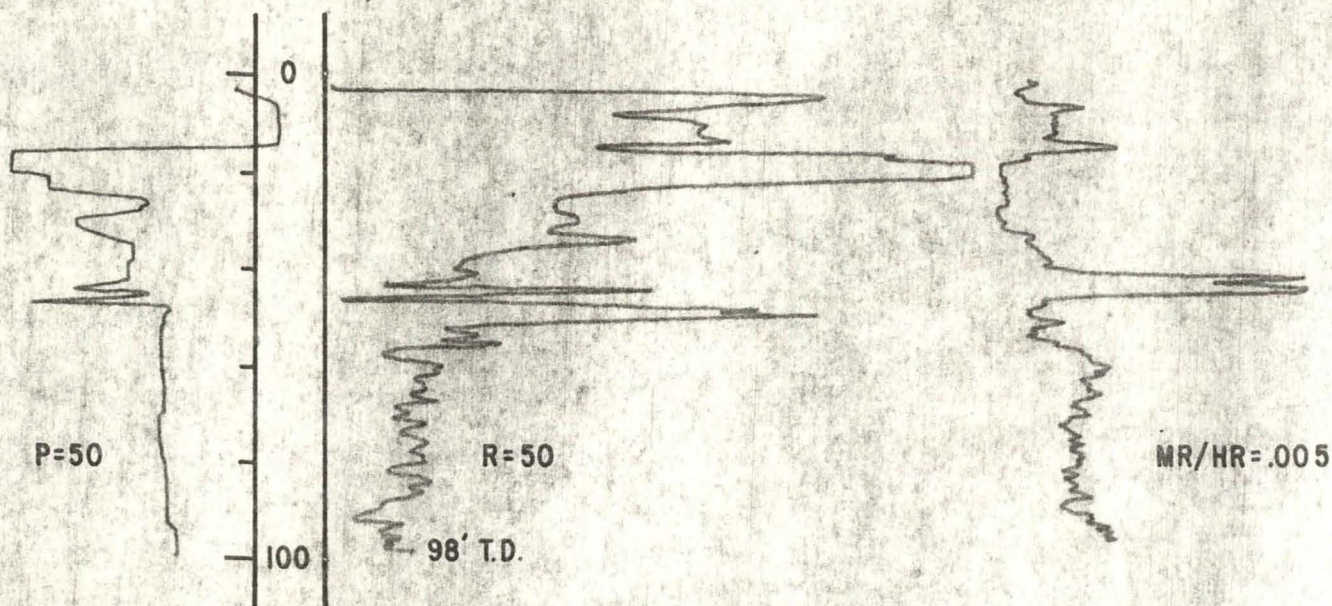
BR-T-8-77

FF 32, m-1

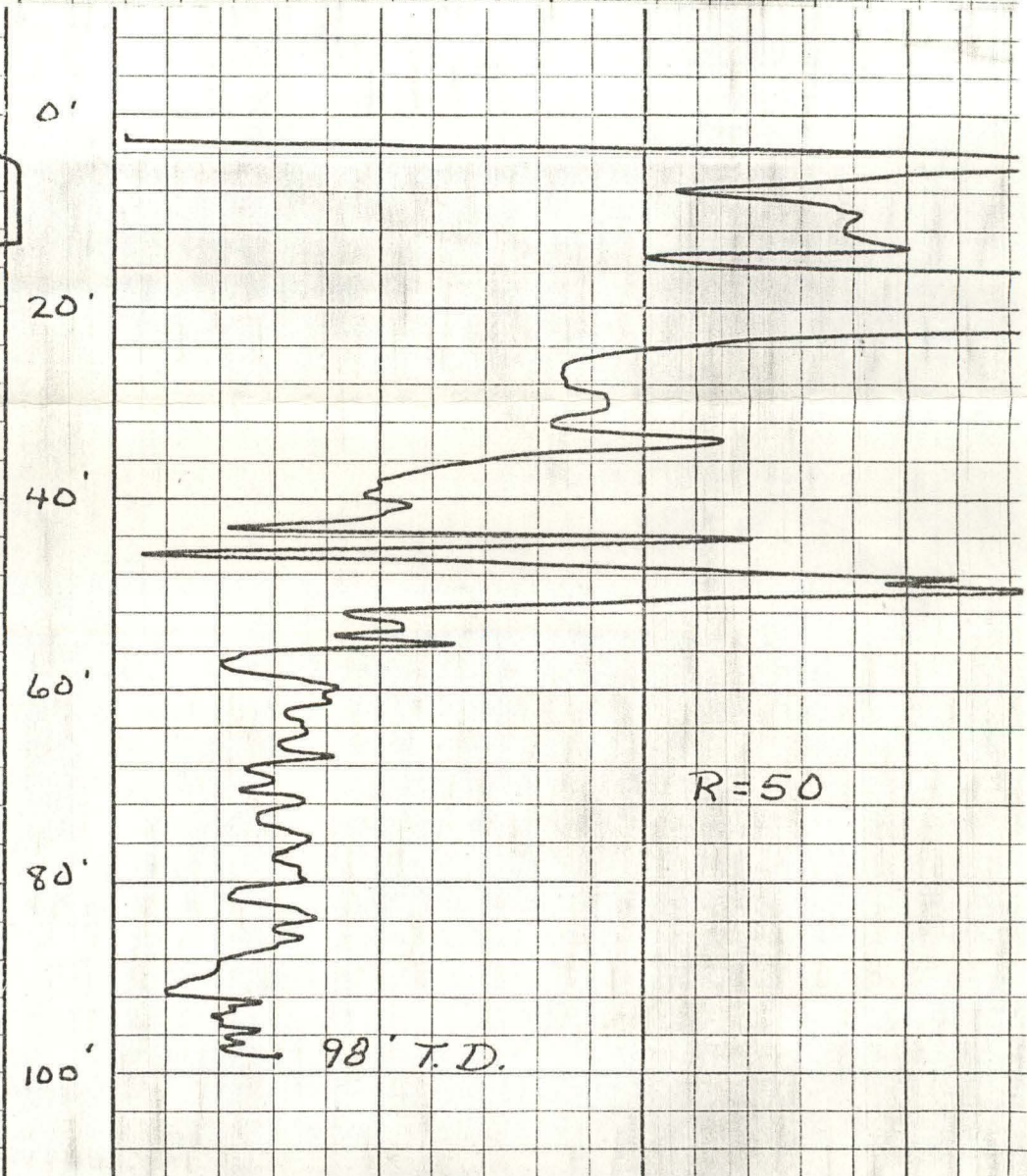
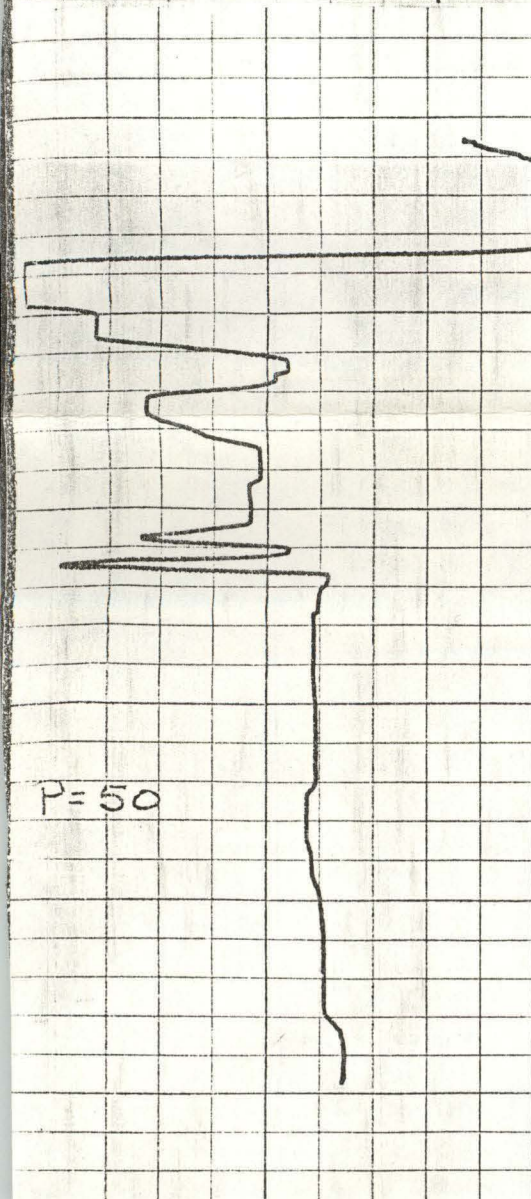
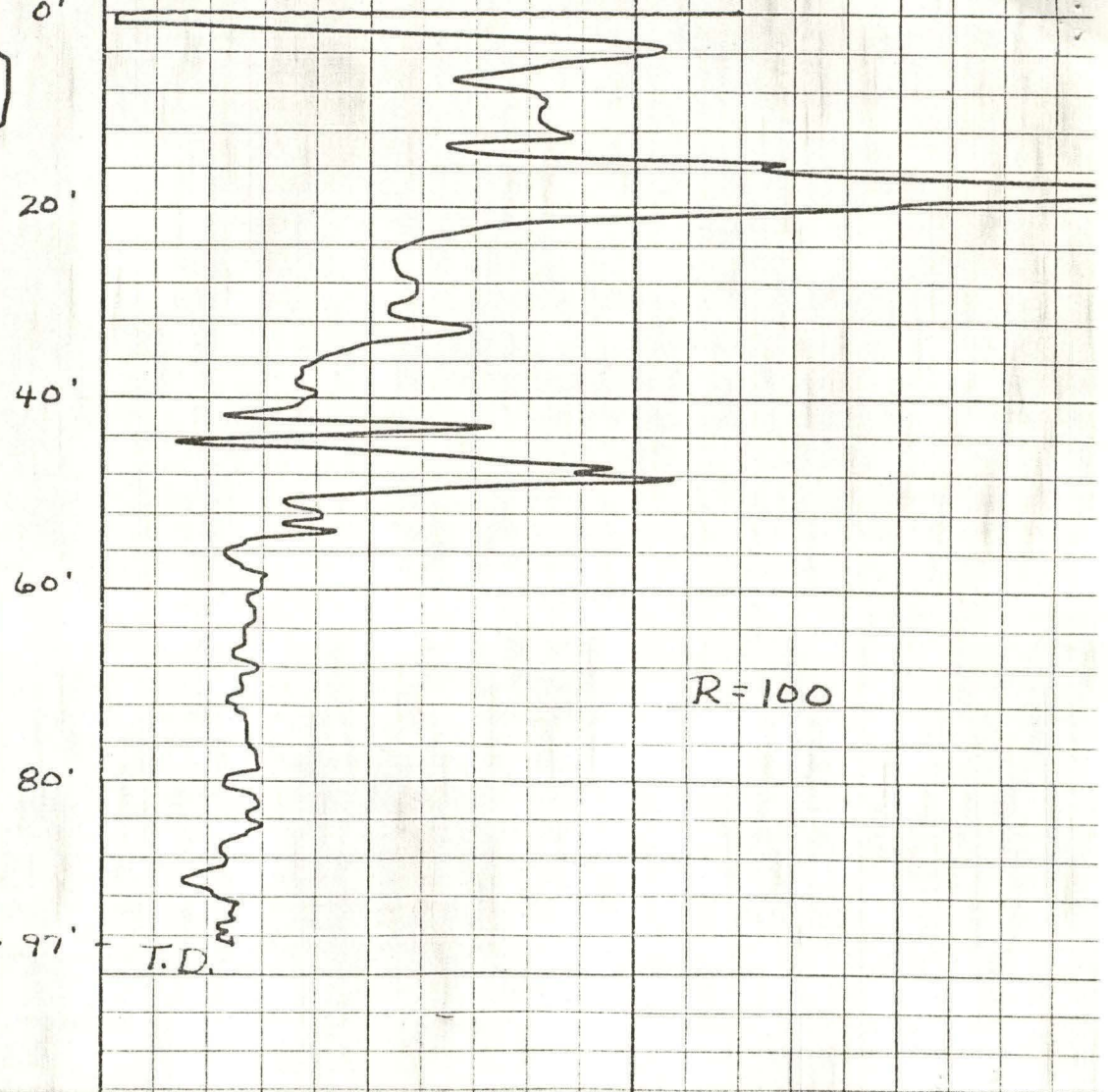
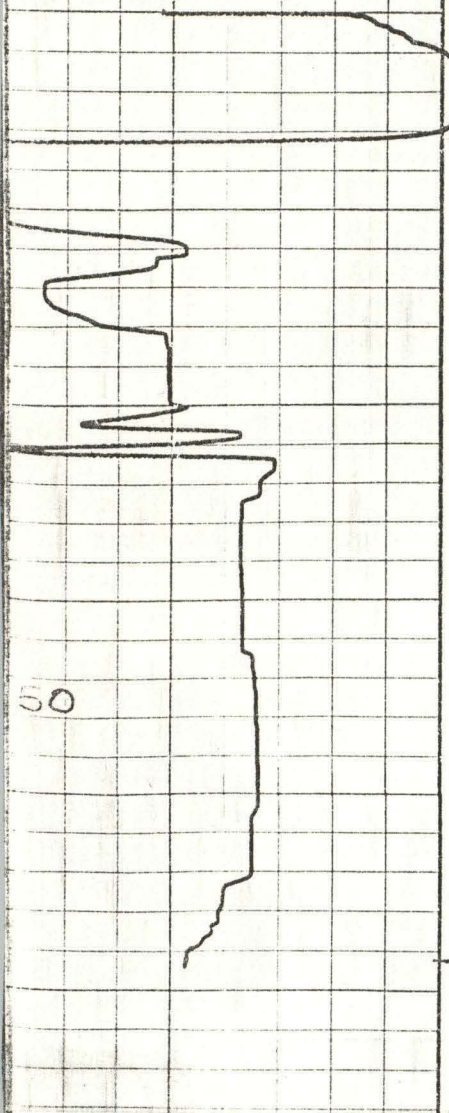
BOILING SPRING LAKES

STA. #3

BRUNSWICK COUNTY



BR-T-8-77



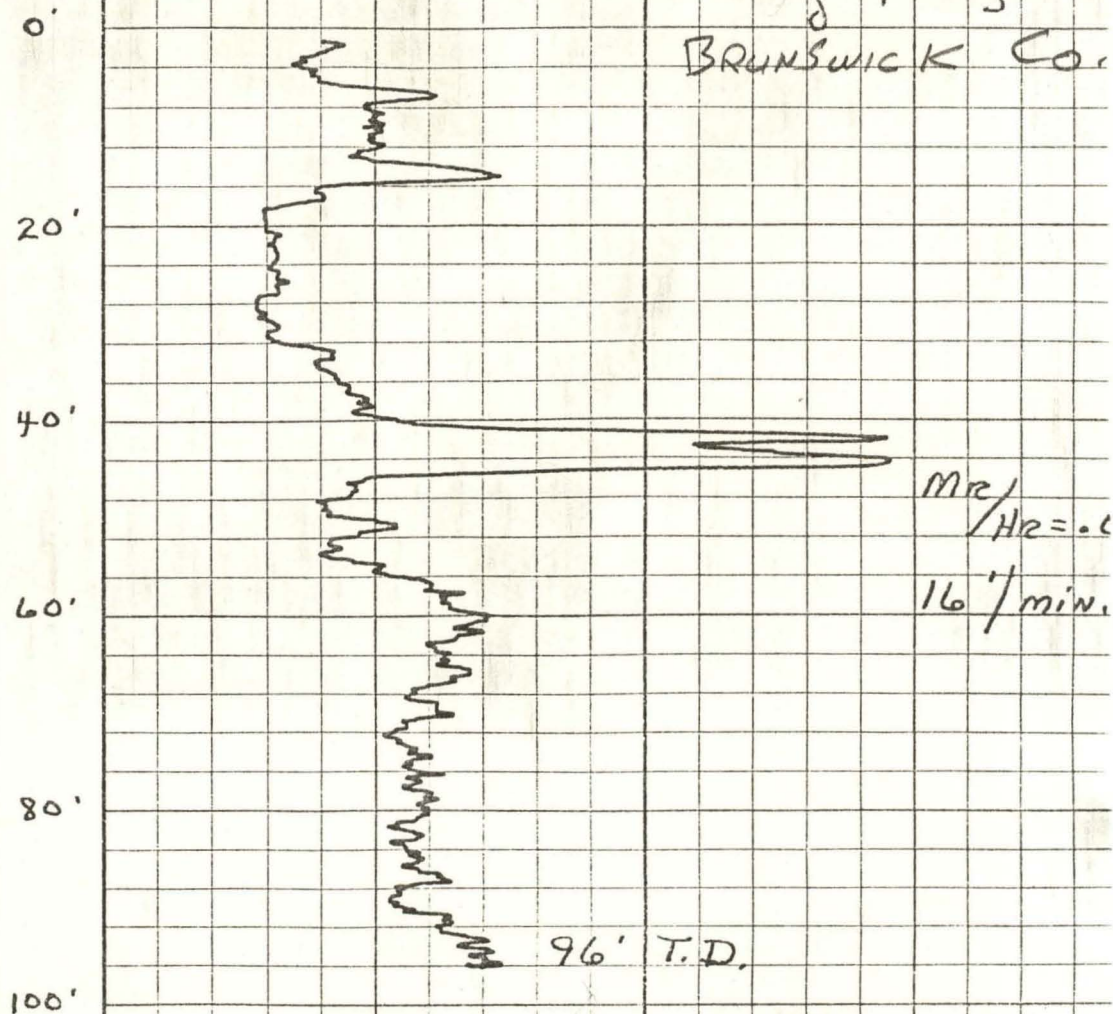
③ BR-T-8-77

Sta. #3

FF32 m-1

Boiling Springs

BRUNSWICK Co.



BR-T-8-77

Sta. #3

FF32 m-1

Boiling Springs

BRUNSWICK Co.

0' SURF. limit
SAND
WATER

20' CH

0-20'

0-20'

CH

40'

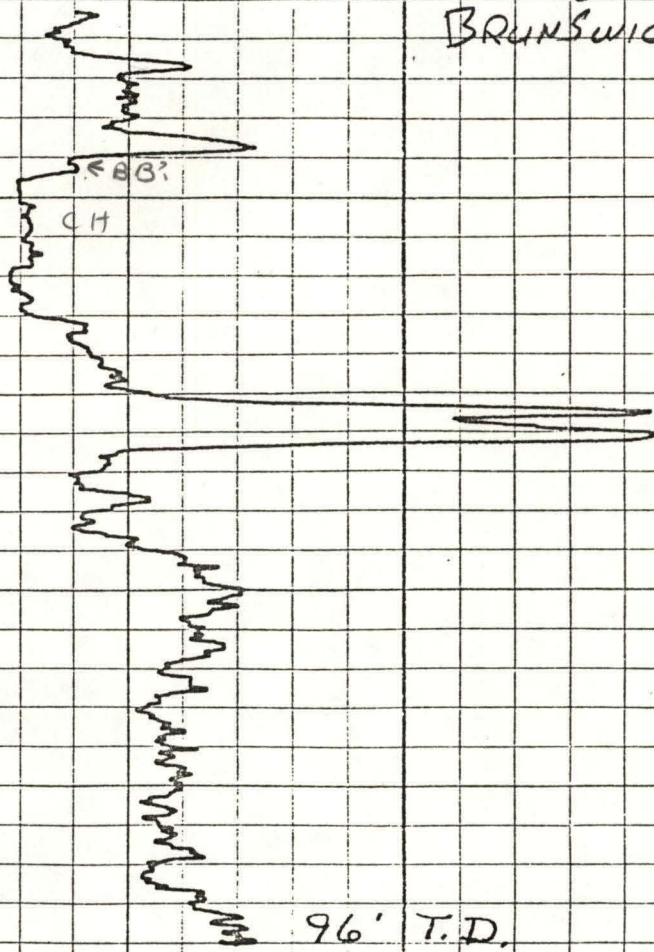
AD

60'

80'

100'

0'



Mr. / Hr = .6

16' / min.

96' T.D.