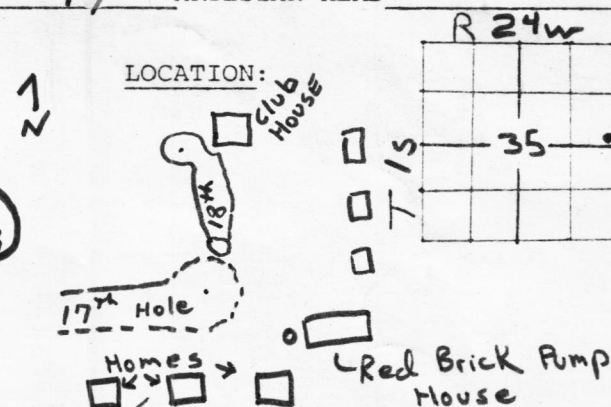


NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT-WELL LOG Golf Course

WELL NUMBER 1060 12C LAT. 30°27'26" LONG. 86°36'48" COUNTY OKALOOSA DATE 5-8-78 PERMIT NO. (Repair)  
 LOCATION T 1S R 24W SEC 35 SE 1/4 of SE 1/4 of NE 1/4 MAP OR QUAD FT. WALTON BEACH  
 OWNER City of Ft. Walton Beach #7 ADDRESS City Golf Course  
 WELL DEPTH 631 ft. CASSED 451 ft. OPEN HOLE 180 ft. DEPTH LOGGED TOP 4 ft. BOTTOM 631 ft. TOTAL FT. LOGGED 3155'  
original 631 START OF LOG LSD + 1 ft. TOP OF CASING TO LSD 1 ft.  
 CONDITION pumping fines DATE DRILLED 11-10-65 GROUTED yes DATE ✓ CAPPED yes TYPE OF CASING CW.I. SIZE 16"  
 FLOWING NO GPM — HEAD — IN. ELEVATION OF LSD TO MSL 32 37 Top of LS LSD — MSL —  
 FORMATION — FORMATION TOP REFERENCE TO LSD — MSL —  
 AQUIFER Floridan - upper WATER LEVEL REFERENCE TO LSD -80' MSL -49' ARTESIAN HEAD —

| TYPE OF LOG       | INTERVAL TO | VERT. SCALE | HORZ. SCALE | LOGGED DIRECTION | SPEED FT./MIN. | REMARKS |
|-------------------|-------------|-------------|-------------|------------------|----------------|---------|
| Gamma TC=2        | 4           | 629         | 1" 20 ft.   | 0-200 CPS        | UP             | 23      |
| Caliper 32"       | 6           | 629         | 20          | 2"-32"           | UP             | 20      |
| Temp              | 8           | 631         | SEE REMARK  | 77-81°F          | DOWN           | 30      |
| Fluid Resistivity |             |             |             |                  |                |         |
| Electric          |             |             |             |                  |                |         |
| Flow Meter        |             |             |             |                  |                |         |
| CALIPER 24"       | 410         | 629         | 20          | 2"-24"           | UP             | 30      |
| CCL               | 404         | 484         | 20          | N/A              | UP             | 50      |

0-200' 20' per inch  
 200'-631' 50' per inch



USE OF WELL Anode — Drainage — Observation — Oil-Gas — Recharge — Test — Abandoned — Withdrawal ✓ Waste — Irrigation —  
 QUALITY WATER SAMPLE Yes — No ✓ Date 5-8-78 Depth(s) — pH — Salinity — Conductivity — Temp. 77°F  
 DRILLER Thomason, E.L. TYPE OF RIG Rotary PUMP INTAKE DEPTH 199' TYPE OF PUMP Turb. DRILLER SAMPLES No?  
 Start of Log 10:30 Finished logging 1:30 Total time 3hr Operator/observer KWADER / DEUERLING  
 Well Accessibility Easy access, on golf course  
 Lithological Summary Surface Sand → 98', Pensacola Clay → 432', Limy Clay → 445', LS 445' to T.D.+

REMARKS: TWO CALIPER LOGS RUN TO OBTAIN GREATER DETAIL IN OPEN HOLE  
1966 W.L. = -32', Yield 830 GPM, Iron .20, SO4 4.0, Cl-30, HARD. 216, T=79°F, Cond. 440  
NOTE!! : LOG DATUM IS TOP OF CASING  
Repaired & Screened 12/78 by LAYNE

STRAIGHT  
LINE TO  
SURFACE

# CALIPER LOG

(2"-32" SCALE)

0A-31  
FWB# 7  
5.8.78

450 ——— BOTTOM OF CASING - 451'

500 ———

550 ———

600 ———

TD - 631'



100

200

400

# CALIPER LOG

(2"-24" SCALE)

OA 31

FWB #7

5.8.78

~~07055 07008~~

NWF 2758

450

BOTTOM  
OF  
CASING  
451'

BOTTOM OF CASING - 451'

CCL

500

550

560

600

630

TD-631'

2" 4"

8"

12"

16"

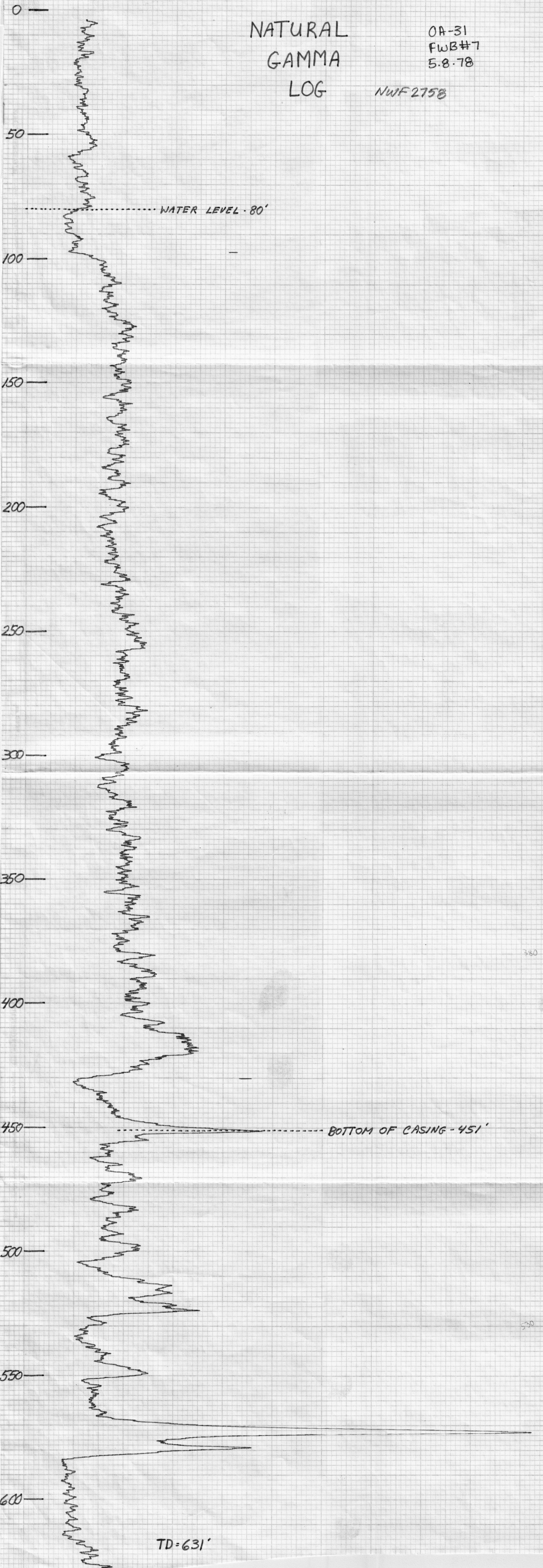
20"

24"

NATURAL  
GAMMA  
LOG

0A-31  
FWB#7  
5.8.78

NWF 2758



0A-31  
FWB#7  
5.8.78  
NWF 2758

# TEMPERATURE LOG °F

0 —

50 —

100 —

150 —

200 —

300 —

400 —

500 —

600 —

78°

WATER LEVEL - 80'

77°

79°

80°

81°

----- BOTTOM OF CASING - 451'

TD-631'