

SITE SCHEDULE/WELL INSPECTION
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Water Resources Division/Regulatory Division

2891 f. NWF-2891

1 = SITE ID NO. 302812086250001
Owner Name 2 = LAST Okaloosa County 3 = FIRST Water Sewer 4 = MI aka Raintree 53 = WELL NAME Bluewater #2
5 = MAILING ADDRESS 10 First Avenue 6 = CITY FL Walton Beach 7 = STATE FL 8 = ZIP 32548
9 = TELEPHONE NO. 904/862-2131 10 = COUNTY 9 11 = LATITUDE 302812 12 = LONGITUDE 862500
13 = LAND NET LOC. B & C 1/4 B 1/4 S 26 T 15 R 22W 14 = LOCATION MAP Pestis 15 = ALTITUDE 23
15 = GROUND-WATER AREA (Circle) 1 2 3 4 5 6 7
16 = USE OF SITE (Circle) C = Standby M = Monitor/Obs. S = Repressurize W = Withdrawal
D = Drain P = Oil or Gas T = Test X = Waste disposal
G = Seismic R = Recharge U = Unused Z = Destroyed O = Other
17 = USE OF WATER (circle) 1 = air conditioning 2 = commercial
3 = food processing 4 = power generation
5 = fire 6 = hospital/medicinal 7 = domestic
8 = irrigation 9 = lawn irrigation
10 = industrial cooling 11 = mining 12 = industrial
13 = public supply 14 = aquaculture 15 = recreation
16 = attraction 17 = livestock 18 = institutional
19 = monitor 20 = other
18 = WELL DEPTH 489 19 = TOP OF CASING 310 20 = DEPTH OF CASING 310
21 = DIAMETER 18 22 = SOURCE 18 23 = CASING MATERIAL 5 24 = SCREEN LENGTH 10
SCREEN INTERVAL(S) 10
25 = FINISH (circle) F G O P S T W X Z 26 = DRILLER LICENSE NO 1136 Name J.E. Thomasen
27 = DATE OF CONSTRUCTION 10/03/76 28 = METHOD OF CONSTRUCTION (circle) A = air rotary B = bored or augered C = cable tool D = dug
H = hydraulic rotary J = jetted P = air percussion
R = reverse rotary Z = other
29 = WATER LEVEL BELOW LSD 30 30 = DATE MEAS. 10/03/76 31 = SOURCE 1 32 = METHOD OF MEASUREMENT (circle) A = airline
Measuring Point Description Is well subject to flooding? (yes) (no) Casing specifications (standard) (substandard)
E = estimated G = pressure gage
L = geophysical log R = reported S = steel tape
T = electric tape
Z = other
33 = HYDROGEOLOGIC UNIT (circle) A = Floridan D = Surficial H = Bucatunna Clay confining unit K = Clayton
B = Upper LS Floridan E = Sand and Gravel I = Sub-Floridan Confining Unit L = Other
C = Lower LS Floridan F = Intermediate System J = Claiborne
34 = TYPE OF LIFT (circle) A = airlift B = bucket C = centrifugal J = jet P = piston R = rotary S = submersible T = turbine Z = Other
35 = TYPE OF POWER (circle) D = diesel E = electric G = gasoline H = hand I = Other 36 = Normal Yield 400 gpm
37 = HORSEPOWER 39 38 = PUMP INTAKE 40 39 = DISCHARGE 750 40 = SOURCE 10 41 = METHOD OF MEASUREMENT 4
42 = STATIC LEVEL 37 43 = PRODUCTION LEVEL 51 44 = DRAWDOWN 14 45 = SPECIFIC CAPACITY 53.57
46 = Period Pumped 6.12 hours
Field Water Quality: 47 = DATE OF SAMPLE 10/03/76 48 = TEMPERATURE 49 = pH 50 = SPECIFIC CONDUCTIVITY
51 = CHLORIDE 52 (Laboratory Analyses -- Specify in Remarks)

LORAN TIME DIFFERENCES (IN REMARKS INDICATE TIME, DATE, AND WEATHER CONDITIONS AT TIME OF READING.)

66 = W = 5 Number Nearest 11,000 μ Sec
67 = X = 5 Number Nearest 25,000 μ Sec
68 = Y = 5 Number Nearest 43,000 μ Sec
69 = Z = 5 Number Nearest 59,000 μ Sec

**USE BACK OF FORM FOR LOCATION
SKETCH AND REMARKS**

TRANSACTION (circle) add delete modify

RECORDED BY L.A. Clemens
DATE 03/20/87

53 = DATA RELIABILITY (circle)
C = field checked U = unchecked

54 = SITE VISITED BY 6

55 = DATE VISITED 10/03/76

56 = CONSTRUCTION PHASE C

57 = WATER USE NO. 8850027

58 = WELL PERMIT NO. 2

59 = BUREAU OF GEOLOGY NO. 2

60 = OWNER ID NO. 24

61 = PROJECT NO. 24

62 = GEOPHYSICAL LOG NO. 5

63 = AVAILABLE LOG DATA (circle)
A B C D E F G I J K L N P Q S T U V X Z

FOOTNOTES

1 S=NNFWMD; D=driller; O=owner; A=other gov't
R=reported; L=logs; G=geologist; Z=other

2 B=brick; C=concrete; G=galv. iron; P=PVC
S=steel; Z=other

3 F=gravel w/perf; G=gravel screen;
O=open end; P=perforated/slotted;
S=screen; T=sand point; W=walled;
X=open hole; Z=other

4 B=bailer; C=current meter; E=estimated;
M=totalling meter; O=orifice; R=reported;
T=trajectory; V=volumetric; Z=other

5 A=time; B=collar; C=caliper; D=driller;
E=electric; F=fluid res.; G=geologist;
I=sp; J=gamma; K=sampler; L=lateral;
N=neutron; P=photo; Q=tracer; S=sonic;
T=temp.; U=gamma-gamma; V=fluid velocity;
X=core; Z=other

6 A=casing set; B=initial start; C=complete;
G=grouting; P=pumping

7 Bay 005; Calhoun 013; Escambia 033;
Franklin 037; Gadsden 039; Gulf 045;
Holmes 059; Jackson 063; Jefferson 065;
Leon 073; Liberty 077; Okaloosa 091;
Santa Rosa 113; Wakulla 129; Walton 131;
Washington 133

ID No. 302812086250001

STATE OF FLORIDA
WI INVENTORY AND INSPECTION SCH. JLE

PERMIT NUMBER/SITE IDENTIFICATION

(Bolded information in this column must be filled out completely)

1. FLORIDA UNIQUE I.D.: AAA 5173
2. NWFWMDCPS I.D.: _____
3. NWFWMDCW I.D.: _____
4. NWFWMDCWU I.D.: _____
5. DEP PWS I.D.: 1460775 OL C01 C001
6. ALT. DEP I.D.: _____
7. HRS I.D.: _____
8. WELL NAME (if any): Raintree
9. SYSTEM NAME (if any): _____
10. Land Net 1/4 1/4 1/4 of Sec _____
T _____ (N or S) R _____ (E or W)
Altitude _____ 7.5 Minute Quad _____

11. Owner's Name: Okaloosa Co. Water and Sewer
12. Mailing Address: 1804 Lewis Turner Blvd. Ste. 300
City: Ft. Walton Bch
State: FL Zip: 32547
County Code: 091 Phone: (904) 651-7171

13. WELL ADDRESS (location): Raintree Blvd
City: Bluewater Bay
Zip: _____
County Code: 091 Phone: 904/651-7171

14. SCHEDULE FILLED OUT BY:
NAME: Matt Dimitroff
AGENCY: FDEP
DATE: 9/16/96 PHONE: (904) 444-8300

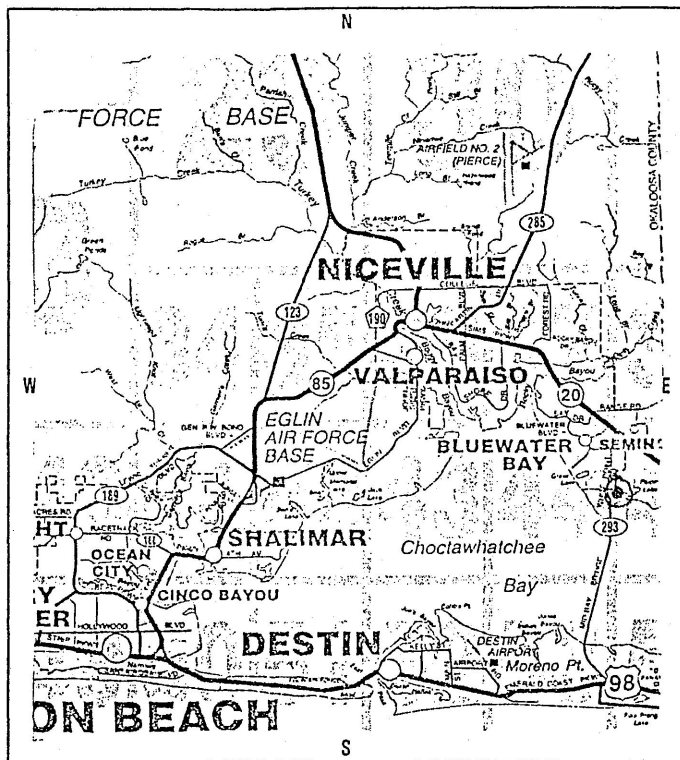
15. GPS INFORMATION PROVIDED BY:
NAME: Scott Grybbs and Matt Dimitroff
AGENCY: FDEP
DATE: 9/16/96 PHONE: (904) 444-8300
DATUM: WGS 84 (Default WGS 84)
ESTIMATED ACCURACY: 1-3 m (<1, 1-3, 3-5, >5 meters)
GPS LATITUDE: 30°28' 09.89923083" N
GPS LONGITUDE: 86°24' 59.15443903" W

WELL INFORMATION

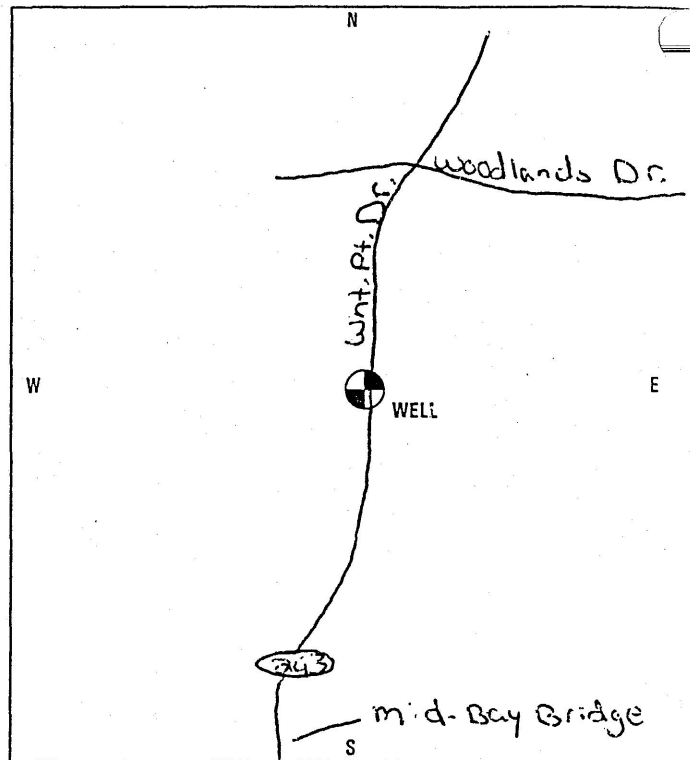
(Information in this column should be filled out if possible)

16. Method of Construction: AR
AR - Air Rotary AU - Augered/Bored BB - Bail Bucket
CO - Combination CT - Cable Tool DR - Driven DU - Dug
HR - Hydraulic Rotary JT - Jetted RR - Reverse Rotary OT - Other
17. Use of Site: W
A - Properly Abandoned C - Core D - Drainage
M - Monitor/Observation P - Oil/Gas R - Return
S - Standby T - Test U - Unused
W - Withdrawal X - Waste Disposal/Injection
Z - Destroyed O - Other
18. Use of Water: PS
AI - Agricultural Irrigation AQ - Aquaculture AR - Aquifer Recharge
AS - Aesthetic CO - Commercial DI - Diversion/Impoundment
DM - Domestic/Mult. Family DO - Domestic DW - Dewatering Wells
ES - Essential Service FP - Freeze Protection GI - Golf Course Irrigation
HR - Heat Pump Recharge HS - Heat Pump Supply IN - Industrial
LA - Landscape Irrigation LI - Livestock LP - Limited Use PS -
MI - Mining MO - Monitor NA - Navigation
NI - Nursery Irrigation OO - Other Outside Use PF - Perishable Food
PP - Power Production PS - Public Supply RI - Recreation Irrigation
RW - Restoration Well SF - Soil Flooding SN - Sanitation
TE - Test WR - Water Based Recreation
19. Type of Lift: T
A - Air B - Bucket C - Centrifugal
J - Jet P - Piston S - Submersible
T - Turbine N - No Pump Z - Other
20. Type of Power: E
D - Diesel E - Electric G - Gasoline
H - Hand Z - Other
21. Horse Power: 100 HP 22. Pump Intake Depth: U
23. Normal Yield: 800 GPM
24. Method of Measurement: M
B - Bailer C - Current Meter E - Estimated M - Totalling Meter
O - Orifice R - Reported T - Trajectory V - Volumetric
Z - Other
25. Water Levels:
A. Measuring Point Distance from Land Surface _____
B. Water Level below Land Surface _____
26. Method of Measurement: _____
E - Estimated G - Pressure Gauge L - Geophysical Log R - Reported
S - Steel Tape A - Air Line T - Electric Tape Z - Other
27. Diameter: 24" 28. Well Depth: 615'
29. Depth of Casing: 415'
30. Source of Well Information: _____
(Field Measurement, Logging Equipment, Permit, Other)
31. Casing Material: S
P - PVC S - Steel C - Concrete
B - Brick Z - Other
32. Screened Length: _____
33. Screened Intervals: _____
34. Finish: _____
S - Screen O - Open End
X - Open Hole Z - Other

35. GENERAL MAP LOCATION (Not to Scale)
(This information Must be Provided)



36. DETAILED SITE MAP LOCATION (Not to Scale)
(This Information Must Be Provided)



FOR WATER MANAGEMENT DISTRICT USE ONLY

37. Date of Well Construction _____

39. Contractor Name _____

40. License Number _____

38. INSPECTION NO. _____

41. Casing Specifications: Standard _____ Substandard _____
If Substandard, Explain _____

42. Properly Grouted? _____

43. Well Seal Condition _____

44. Construction Phase: Completed _____ Casing Set _____ Grouting _____ Pump Test _____ Just Started _____
Other _____

45. Adequate Setbacks From House and/or Septic Tank? YES NO Explain _____

46. Is Well Location Subject to Flooding? YES NO Explain _____

47. REMARKS/NOTES

FLORIDA
UNIQUE WELL ID

AAA5173



SCANNED

W-13466
W-Oa-1S-22W-23

PERMIT #	:
OWNER	: Raintree Estates
LOCATION	: Sec. 23, T1S, R22W Fort Walton Beach, Florida
COUNTY	: Okaloosa
ELEVATION	:
DRILLER	: Thomason Well Drilling
STARTED	:
COMPLETED	:
DEPTH	: 480'
CASING	:
HEAD	:
YIELD	:
QUALITY	:
USE	:
REMARKS	: 47 samples, 0-480'; Rec'd. 12-10-76

on plotted list
on USGS data file

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT - WELL LOG

NWF-10 289104y

WELL NUMBER 00506 0A 2B ~~30° 28' 00" 86° 24' 58"~~, COUNTY OKALOOSA
302812086250001 (latitude-longitude)

OWNER OR NAME ~~Mid-South Dev. #2~~ (OCWS RAIN TREE) B.W. #2 MAP OR QUAD Destin

LOCATION T 1S R 22W SEC 23, SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of SE $\frac{1}{4}$

WELL DEPTH 489.7 ft., CASED 310 ft., DIAMETER 16 in.

DEPTH LOGGED 489 ft., TOP 0 ft., DATE LOGGED 11-5-76
BOTTOM 489 ft.

FORMATION _____ FORMATION TOP reference to LSD _____ MSL _____

AQUIFER _____ WATER LEVEL reference to LSD -28 MSL _____

ELEVATION LSD 46' ft. above MSL SPEED OF LOGGING See Logs ft/min.

TOP OR START OF LOG .75 ft. above below LSD TIME START 3:30 OBSERVER/OPERATOR
FINISH 5:00 BROWN / HARMAN

TYPE LOG

____ DRILLING TIME, ☒ CASING-COLLAR, ____ CALIPER (diameter), ____ DRILLER'S, ____ ELECTRIC, ____ FLUID-
CONDUCTIVITY (resistivity), ____ GEOLOGIST OR SAMPLE, ☒ GAMMA-RAY, ☒ TEMPERATURE (differential),
____ FLUID-VELOCITY

USE OF WELL

____ ANODE, ____ DRAINAGE, ____ DESTROYED, ____ OBSERVATION, ____ OIL-GAS, ____ RECHARGE, ____ TEST, ____ UNUSED (drilling mud in water)
☒ WITHDRAWAL, ____ WASTE. at 20°C
salinity = 20 ppt
pH = 7.9

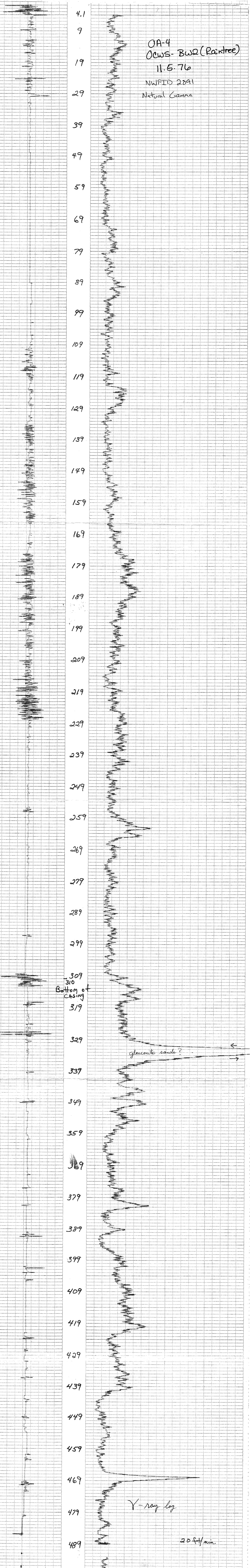
QW SAMPLE ____ NO ☒ YES DATE SAMPLED 11-5-76 DEPTH(S) SAMPLED 470' Sp. Cond. = 170 μ mho

LOG SCALES HORIZ See Logs, VERT 1" = 10', LOGGED ☒ UP ☒ DOWN

DRILLER Thomason /TYPE OF RIG Rotary Lab tests
Cl⁻ = < 5 mg/l
Sp. Cond. = 270 μ mho at 19°C

THIS LOG IS FOR HYDROGEOLOGICAL DATA ONLY

OA-4
OCWS-BW2 (Raintree)
11.5.76
NWFD 2891
Natural Gamma



310
Bottom of
casing

glauconite sands?

Y-ray log

20 f+/min.

100 cps

2 1/2 inch 100 62° F

