

NWF 4973

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT - WELL LOG

WELL NUMBER 70213 12c OA 30° 46' 40" 86° 26' 38", COUNTY OKALOOSA
(latitude-longitude)OWNER OR NAME Dutch Van Buskirk MAP OR QUAD Laurel Hill ^{Dorcas Fl.}LOCATION T 3N R 22W SEC 09, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of NE $\frac{1}{4}$ WELL DEPTH 371 ft., CASSED 328 ft., DIAMETER 4 in. T+C IronDEPTH LOGGED 370 ft., TOP 0 ft., DATE LOGGED 4/7/77
BOTTOM 370 ft.

FORMATION _____ FORMATION TOP reference to LSD _____ MSL _____

AQUIFER Floridan WATER LEVEL reference to LSD -82 MSL +108ELEVATION LSD AT ¹⁹⁰ ft. above MSL SPEED OF LOGGING 20-30 ft/min.TOP OR START OF LOG 190 ^{AT} ft. above/below LSD TIME START 940 OBSERVER/OPERATOR
FINISH 1115 — / Kwader

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,
☒ WITHDRAWAL, ☐ WASTE. NEWQW SAMPLE ☒ NO ☐ YES DATE SAMPLED _____ DEPTH(S) SAMPLED _____LOG SCALES HORIZ SEE Logs VERT 1"=20', LOGGED ☒ UP ☒ DOWNDRILLER Sam Martin /TYPE OF RIG Rotary

THIS LOG IS FOR HYDROGEOLOGICAL DATA ONLY

328
190
138

BusKirk

CALIPER

← Straight to surface

OA-8

NUFID 4973

4-7-77 KWADER

2 15/16 Bit

320

326

330

Bottom of casing 327

340

350

360

370

370

T.D. = 371.3

4"

6"

8"

10"

12"

14"

16"

Bus Kirk

OA-8

60'

Top of Casing

328

No Coupling

0

25

50

100

150

200

250

300

350

370

0

NATURAL GAMMA

Sands; some Clay

OA-8

NWFID 4973

4-7-77 KWADER

Blue MARL ↓ to ~
n230'

cleaner

Coral + Shell

(poor producer)

SANDS + Shell 270-290'
270-290'

NATURAL Surface
Background

100 CPS

200
21

Temperature

QA-8
NWFD 4973
4-7-77 KWADER

-0
-5
-15

-50

-100

-150

-200

-250

-300

-350

-370

WATER LEVEL 78'

Adjust for gradient

gradient

poor
formation
5' 10" red
OS - 108'

Differential (poor)

Warmer

Q25

Bottom of casing 328

30' min/down

TD = 371'

Chart paper in gear