

NWF 2847

RC

SITE SCHEDULE
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER RESOURCES DIVISION

RECORDED BY Chason

DATE 5/10/89

TYPE: (CIRCLE) G K

1-SITE ID NO. 302756086213201

63-WELL NAME V.C. Alexander #1

66-MAP NUMBER (auto-generated) 5474

OWNER NAME

2-LAST Alexander 3- V. 4-MI C

5-ADDRESS Rt. 1 Box 1156

5-CITY Niceville 7-STATE FL 8-ZIP 32578 9-TELEPHONE

10-COUNTY (5) 31 Walton

11-LATITUDE 302756 12-LONGITUDE 862132

13-LAND NET LOC A 1/4 A 1/4 D 1/4 S 28 T 15 R 21W 34-ALTITUDE 15

14-LOCATION MAP Choctaw Beach

15 - GW AREA (circle): 1 2 3 4 5 6 7

16-USE OF SITE (circle) C-CORE M-MONITOR/OBS S-STANDBY U-WITHDRAW
D-DRAINAGE P-OIL/GAS T-TEST X-WASTE DISPOSAL/INJECTION
R-RETURN U-UNUSED Z-DESTROYED O-OTHER17-USE OF WATER (circle) 1-AIR CONDITIONING 2-COMMERCIAL 3-FOOD PROCESSING
4-POWER GENERATION 5-FIRE 6-HOSPITAL/MEDICAL 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 458 20-DEPTH OF CASING 248 19-MP DISTANCE FROM LSD 2

21-DIAMETER 4 22-SOURCE (1) L 23-CASING MATERIAL (2) S

24-SCREEN LENGTH (SCREEN INTERVALS)

25-FINISH (3) (circle): X S O T W Z 26-DRILLER LICENSE NO. 1674
(NAME Sam Martin)

27-DATE OF CONSTRUCTION 3/29/78

28-METHOD OF CONSTRUCTION (circle):

A-AIR ROTARY B-BORED/AUGERED C-CABLE TOOL D-DUG H-HYDRAULIC ROTARY
J-JETTED R-REVERSE ROTARY Z-OTHER29-WATER LEVEL -10' 30-DATE MEAS. 3/31/78 31-SOURCE (1) S
(LSD DATUM)
32-METHOD OF MEAS. (circle): E-ESTIMATED G-PRESSURE GAGE L-GEOPHYSICAL LOG
R-REPORTED S-STEEL TAPE T-ELECTRIC TAPE
Z-OTHER

35-HYDROGEOLOGIC UNIT (circle):

D-SURFICIAL (UNDIFF)
E-SAND-AND-GRAVEL (UNDIFF) S-SURFICIAL ZONE (S&G)
L-LOW PERM. ZONE (S&G) M-MAIN PROD ZONE (S&G)
F-INTERMEDIATE SYSTEM
A-FLORIDAN (UNDIFF) B-UPPER LS FLORIDAN C-LOWER LS FLORIDAN
H-BUCATUNNA CLAY CONFINING UNIT I-SUB-FLORIDAN CONFINING UNIT
J-CLATBORNE K-CLAYTON Z-OTHER

(STRATIGRAPHIC CODES:)

36-TYPE OF LIFT (circle): A-AIR B-BUCKET C-CENTRIFUGAL J-JET P-PISTON
S-SUBMERSIBLE T-TURBINE Z-NO PUMP

37-TYPE OF POWER (circle): D-DIESEL E-ELEC G-GASOLINE H-HAND Z-OTHER

38-HORSPower 0.75 39-PUMP INTAKE 33-NORMAL YIELD

40-TEST DISCHARGE 41-SOURCE (1)

42-METHOD OF MEAS. (circle): B-BAILER C-CURRENT METER E-ESTIMATED
M-TOTALING METER O-ORIFICE R-REPORTED
T-TRAJECTORY V-VOLUMETRIC Z-OTHER

43-STATIC LEVEL 44-PUMPING LEVEL 45-DRAWDOWN

46-SPECIFIC CAPACITY 47-HOURS PUMPED

FIELD WATER QUALITY: 52-DATE OF SAMPLE / /

48-TEMPERATURE 49-ph 50-SPECIFIC CONDUCTANCE

51-CHLORIDE (LABORATORY ANALYSES -- SPECIFY IN REMARKS)

53-DATA RELIABILITY (circle)
G-FIELD CHECKED U-UNCHECKED

54-SITE VISITED BY Kwader

55-DATE VISITED 3/31/78

56-CONSUMPTIVE NO.

57-CONSTRUCTION PERMIT NO.

58-FLA.GEOLOGICAL SURVEY NO.

59- OWNER ID NO. 1

65-STATUS
(SEE LISTING OF CODES)

60-GEOPHYSICAL LOG NO. 21

61-AVAILABLE LOG DATA (4) (circle):

A B C D E F G I J K L N P Q S T U V X Z

67-DEPTH LOGGED 458

FOOTNOTES

(1) S-NWFWMD D-DRILLER O-OWNER I-LOGS
A-OTHER GOV'T R-REPORTED G-GEOLOGIST
Z-OTHER(2) B-BRICK C-CONCRETE G-GALV. STEEL P-PVC
S-STEEL Z-OTHER(3) O-OPEN END S-SCREEN T-SAND POINT
W-WALLED X-OPEN HOLE Z-OTHER(4) 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 VEL.
C-CORE Z-OTHER(5) 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

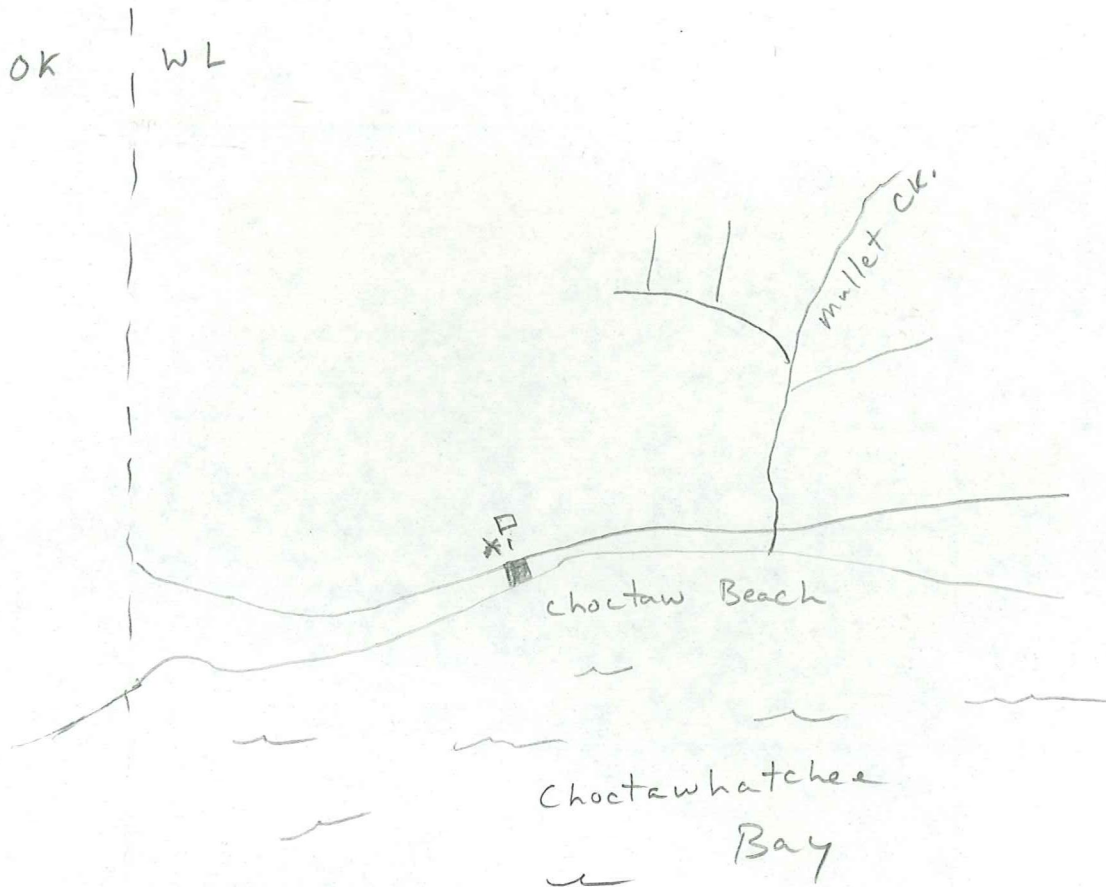
USE BACK OF FORM FOR LOCATION

SKETCH AND REMARKS

68-DATE ENTRY BY: (INITIALS) RC

69-DATE ENTERED: (MO/YR) 8/05

485 200



NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT-WELL LOG

FILE NO. WL-29

WELL NUMBER _____ LAT. 30° 27' 56" LONG. 86° 21' 32" COUNTY Walton DATE 3/31/78 PERMIT NO. _____

LOCATION T 1s R 21w SEC 28 Nw ¼ of Nw ¼ of Se ¼ MAP OR QUAD Choctaw Beach

OWNER V.C. Alexander ADDRESS Rt. 1 Box 1156 Niceville, FL 32578

WELL DEPTH 458 ft. CASSED 248⁺ ft. OPEN HOLE 210 ft. DEPTH LOGGED TOP 2 ft. BOTTOM 458 ft. TOTAL FT. LOGGED 1832⁺

START OF LOG LSD⁺ 0 ft. TOP OF CASING TO LSD ~1.0 ft.

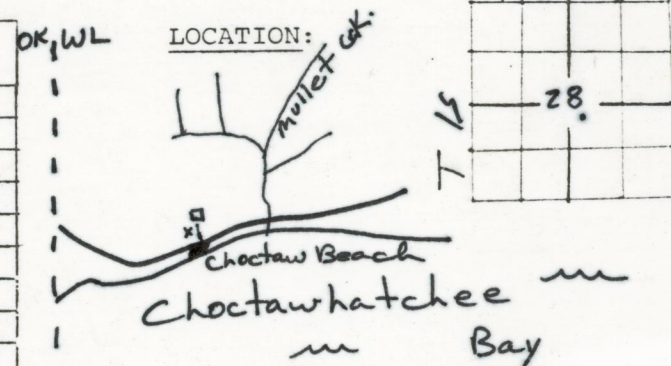
CONDITION new DATE DRILLED 3/29/78 GROUTED yes DATE 3-29 CAPPED yes TYPE OF CASING T+C SIZE 4"

FLOWING no GPM — HEAD — IN. ELEVATION OF LSD TO MSL ~15' Top of LS LSD -246 MSL -231

FORMATION _____ FORMATION TOP REFERENCE TO LSD _____ MSL _____

AQUIFER Floridan WATER LEVEL REFERENCE TO LSD -10' MSL +5' ARTESIAN HEAD _____

TYPE OF LOG	INTERVAL TO	VERT. SCALE	HORZ. SCALE	LOGGED DIRECTION	SPEED FT./MIN.	REMARKS
Gamma w/ccl TC=2	4 456	1" 20 ft.	200 CPS	UP	22	
Caliper	210 455	20	4-16	UP	20	SM ARMS
Temp w/ccl	2 458	20	0 F	dn	30	
Fluid Resistivity	5 450	50	0-10 Ω	dn	30	
Electric						
Flow Meter						
Sampler						
Neutron						



USE OF WELL Anode _____ Drainage _____ Observation _____ Oil-Gas _____ Recharge _____ Test _____ Abandoned _____ Withdrawal ☒ Waste _____ Irrigation _____

QUALITY WATER SAMPLE Yes _____ No ☒ Date _____ Depth(s) _____ pH _____ Salinity _____ Conductivity _____ Temp. ~66°F

DRILLER Sam Martin TYPE OF RIG Rotary PUMP INTAKE DEPTH ? TYPE OF PUMP 3/4 sub. DRILLER SAMPLES ?

Start of Log 12³⁰ pm Finished logging 2³⁰ pm Total time 1.5 hr. Operator/observer Kwader / Mercer/Alexander

Well Accessibility good front yard of house

Lithological Summary Surf. sands → 40" clayey sands 108' MARL → 246' LS → TD 458⁺

REMARKS: 4" well for domestic use, just drilled by Sam Martin, copy of Log sent to Mr. Alexander. James Mercer U.S.G.S., Reston Va. observed Logging.

- 4" casing

NWFO 2847
V. C. ALEXANDER #1
3-31-78 T. KWADER
WL 21

- Bottom of casing 248'
- 250'

300

340

350

400

ARM IN
Mud

450

T.D. = 458'

4

6

8

10

12

14

16

Casing Collar locator

WL 21 Natural gamma
NW FID 2847
V.C. ALEXANDER #1
3/31/78 KWADER
Surface Sands

50

clayey sand

100

MARL

clay?



150

200

CASING COLLARS

Bottom of casing

250

Top of Producing Limestone

300

Phosphate

350

Limestone

400'

450'

T.D. 458'

200

0

100

WL 21
NWFD 2847
V.C. ALEXANDER #1

Temperature

3-31-78
KWADER

Casing
CCL

Water Level
-10'

85°F

0
-10

64°

65°

66°

250'

CSG

300'

350'

66°

400'

450'

