

1944

Page: _____ sqd/ft: _____ Spec cap: _____ sqm/ft: _____ Number of _____



302330086482001

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date March 24, 19 59 Field No. 023-647-1
Record by J. T. Barracough Office No. _____
Source of data Obs.; Data from USES, Ocala, Fla. & E.M. Laritz; Field #9

1. Location: State FLORIDA County _____
Map Holley Quad; C-4
_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ sec. T _____ S R _____ E W
2. Owner: U.S. Air Force Address Eglin Field, Fla.
Tenant Eglin Aux. Field #9 Address Bomarc Site, Santa Rosa Is.
Driller Acme Drilling Co. Address Montgomery, Ala.

3. Topography off shore bar

4. Elevation 8 ft. above MSL

5. Type: Dug (drilled) driven, bored, jetted May 1957

6. Depth: Rept. 1,103 ft. Meas. _____ ft.

7. Casing: Diam. 16 in., to _____ in., Type B.I.

Depth 687 ft., Finish open end

8. Chief Aquifer Limestone From 687 ft. to 1093 ft.

Others hard blue clay 1093 to 1103

9. Water level _____ ft. rept. _____ 19 _____ above
meas. _____ below
_____ which is _____ ft. above
surface

10. Pump: Type T. Capacity _____ G. M.

Power: Kind E. (694) Contin. gas standby - about 85HP Horsepower 40

11. Yield: Flow 175 G. M., Pump 450 G. M., Meas. Rept Est.

Drawdown _____ ft. after _____ hours pumping _____ G. M.

12. Use: Dom. Stock PS. RR., Ind., Irr., Obs. Fire

Adequacy, permanence _____

13. Quality Cl. cont. 3-24-59 Temp 84.8 °F.

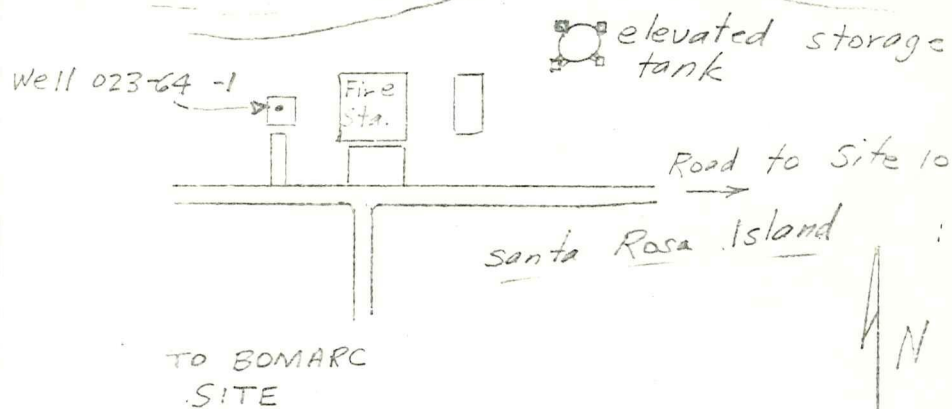
Taste, (odor) color H₂S; brown color, at times Complete Sample Yes 8-19-

Unfit for _____

14. Remarks: (Log, Analyses, etc.) _____

NW 1652
Florida

Santa Rosa Sound



Well is 100' N. of E-W road, 75' W. of
fire station, 350' S. of Santa Rosa
Sound, inside building 12-516.

STATE OF FLORIDA

WELL INVENTORY AND INSPECTION SCHEDULE

NW 1652

PERMIT NUMBER/SITE IDENTIFICATION

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

1. FLORIDA UNIQUE I.D. AAD 5303
2. NFWFMD CPS I.D.: _____
3. NFWFMD WI I.D.: 302330086482001
4. NFWFMD WU I.D.: _____
5. DEP PWS I.D.: _____
6. ALT. DEP I.D.: _____
7. HRS I.D.: _____
8. WELL NAME (if any): _____
9. SYSTEM NAME (if any): _____
10. Land Net 1/4 1/4 1/4 of Sec 25
T 2 (N or S) R 26 (E or W)
Altitude _____ 7.5 Minute Quad _____

11. OWNER'S NAME: Eglin AFB
12. Mailing Address: Site A-15
Bldg 12514 old Boreas Well
City: _____
State: _____ Zip: _____
County: _____ Phone: _____

13. WELL ADDRESS (Location): _____
City: _____
Zip: _____
County: _____ Phone: _____

14. SCHEDULE FILLED OUT BY:
NAME: A. Baker
AGENCY: NFWFMD
DATE: 9-8-99 PHONE: (850) 534-5999

15. GPS INFORMATION PROVIDED BY:
NAME: Same
AGENCY: _____
DATE: _____ PHONE: _____
GPS LATITUDE: 30 23 30.319
GPS LONGITUDE: 86 48 20.034

WELL INFORMATION

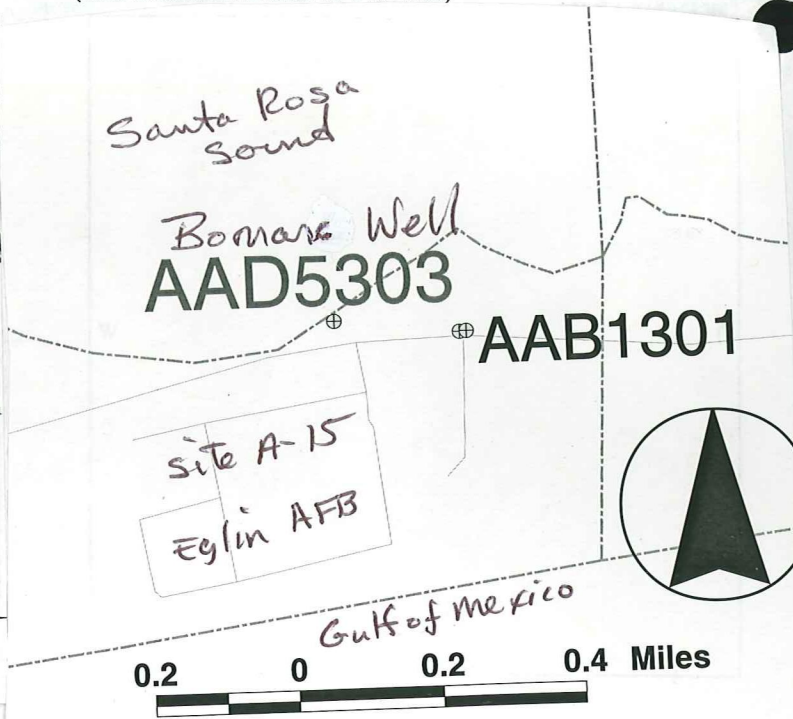
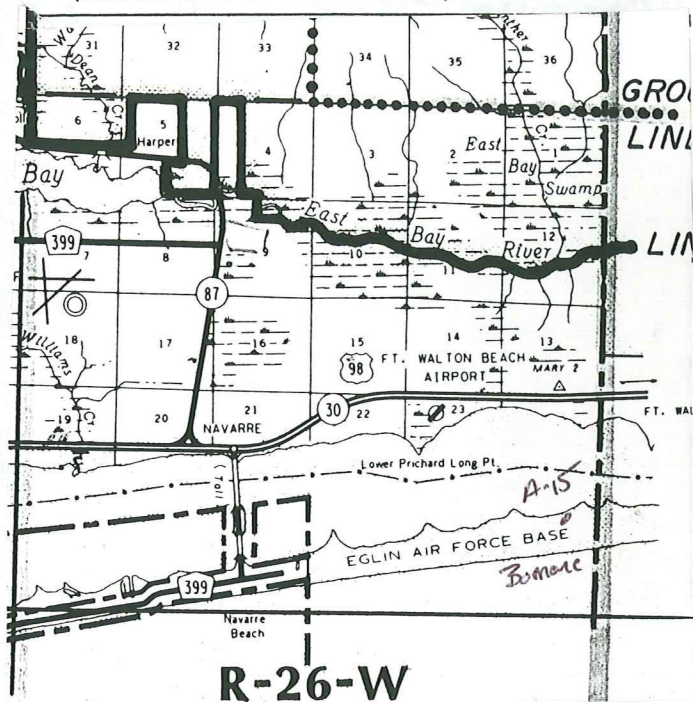
(Information in this column should be filled out if possible)

16. Method of Construction: _____
A - Air Rotary B - Bored/Augered C - Cable Tool
D - Dug H - Hydraulic Rotary J - Jetted
R - Reverse Rotary Z - Other
17. Use of Site: U
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: _____
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 OO - Other Outside Use PF - Perishable Food
NI - Nursery Irrigation PS - Public Supply RI - Recreation Irrigation
PP - Power Production SF - Soil Flooding SN - Sanitation
RW - Restoration Well WR - Water Based Recreation
TE - Test
19. Type of Lift: _____
A - Air B - Bucket C - Centrifugal
D - Dug H - Hydraulic Rotary J - Jetted
R - Reverse Rotary Z - Other
20. Type of Power: None
D - Diesel E - Electric G - Gasoline
H - Hand Z - Other
21. Horse Power: _____ 22. Pump Intake Depth: _____
23. Normal Yield: _____
24. Method of Measurement: _____
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: 16 28. Well Depth: 1103
29. Depth of Casing: 683
30. Source of Well Information: Permit
(Field Measurement, Logging Equipment, Permit, Other)
31. Casing Material: Steel
P - PVC S - Steel C - Concrete
B - Brick Z - Other
32. Screened Length: _____
33. Screened Intervals: _____
34. Finish: X
S - Screen O - Open End X - Open Hole Z - Other

2201 7/11

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 System? YES NO Explain _____

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

47 REMARKS/NOTES

FLORIDA
UNIQUE WELL ID

AAD5303



NWF 1652

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT-WELL LOG

SR-8

WELL NUMBER _____ LAT. 30°23'30" LONG. 86°48'20" COUNTY Santa Rosa DATE June 1st 1978 PERMIT NO. _____LOCATION T 2S R 26W SEC 25 SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of NE $\frac{1}{4}$ MAP OR QUAD Navarre (1:24,000)OWNER Eglin AFB ADDRESS Bldg 12516, Site A-15, EAFB, Niceville, Fla.WELL DEPTH 858 ft. CASSED 683 ft. OPEN HOLE 175 ft. DEPTH LOGGED TOP 4 ft. BOTTOM 858 ft. TOTAL FT. LOGGED 2574LOGS ZEROED TO LSD yes START OF LOG at LSD TOP OF CASING TO LSD +1.5 ft. ELEVATION OF LSD TO MSL +13CONDITION good - abandoned TYPE OF CASING 16" blk. steel GROUTED ? DATE _____ CAPPED _____ AGE OF WELL 2/yr SIZE 16"FLOWING no GPM _____ HEAD _____ IN.

FORMATION _____ FORMATION TOP REFERENCE TO LSD _____ MSL _____

AQUIFER Floridan WATER LEVEL REFERENCE TO LSD -14' MSL -1' ARTESIAN HEAD _____

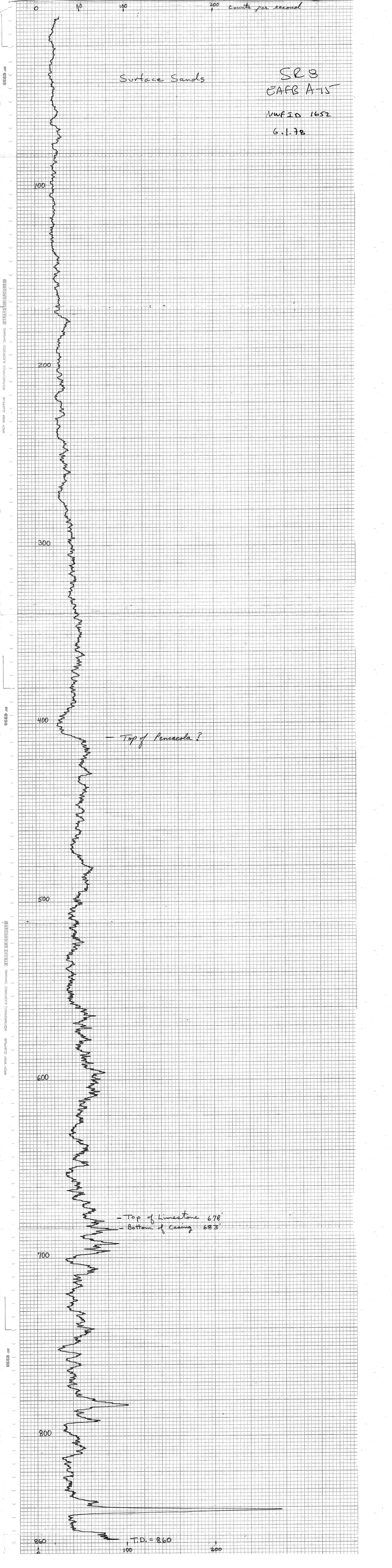
TYPE OF LOG	INTERVAL TO	VERT. SCALE	HORZ. SCALE	LOGGED DIRECTION	SPEED FT./MIN.	REMARKS
Gamma w/ccl <u>TC=2</u>	<u>4</u> <u>858</u>	<u>1" 20 ft.</u>	<u>200 CPS</u>	<u>UP</u>	<u>22</u>	
Caliper	<u>660</u> <u>857</u>					<u>Poor log</u>
Temp. w/ccl	<u>5</u> <u>760</u>	<u>20' 0-100</u> <u>50' 100-175</u>	<u>°F</u>	<u>DOWN</u>	<u>30</u>	
Fluid Resistivity	<u>10</u> <u>450</u>					
Electric						
Flow Meter						
Sampler						
CCL	<u>670</u> <u>720</u>	<u>20</u>	<u>N/A</u>	<u>UP</u>	<u>30</u>	

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. 74°FDRILLER Layne TYPE OF RIG Rotary PUMP INTAKE DEPTH _____ TYPE OF PUMP NONE - DRILLER SAMPLES ?Start of Log 11 am Finished logging 3 pm Total time 4.0 Operator/observer Kwader / Barr

Well Accessibility _____

Lithological Summary Surface sands + clays → Pensacola Clay → LimestoneREMARKS: Caliper + Fluid Resistivity run on a different day.

WELL ORIGINALLY REPORTED TD=1103 - BOTTOMED IN HARD BLUE CLAY (SEE SCHEDULE)



Surface Sands

SR3
EAFB A-15
NWFD 1652
6.1.78

- Top of Pensacola?

- Top of Limestone 678'
- Bottom of Casing 683'

T.D. = 860

BOMARK - A-15

NWFI 1652

6.1.78

SR 8
(EAFBA-15)

680 - Bottom of Casing 683'

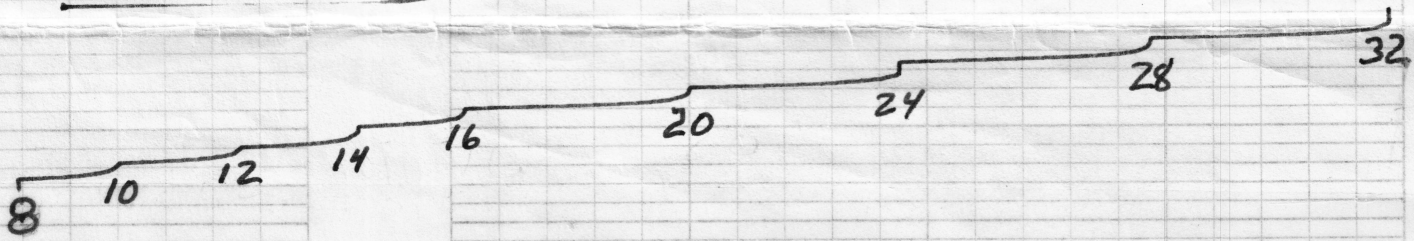
700

750

Blue Clay squeezing shut

800

850



10 } WATER LEVEL -17'
20

-90

-100

-125

-150

-200

-300

-400

450

← generator Not working - End of Log.

SR 8
EAFB A-18
A-15
NWFI 1652
G.L. 78

Water Level - 14

50

90

100

125

150

200

300

400

500

600

700

760

Change
Scale

74°

76

79°

81°

- Bottom of Casing
683

83°F

87°

- Tool hung on ledge

Casing Collar Locator

Bottom of
Casing
683

670

680

690

700