

SFWMD

St Lucie County Wells

Work Order # C-C19901P-W010

PG 15 E & STL 295
Well and Benchmark



WELL SITE: PG 15 E

WELL LOCATION:

N - 1128197

E - 827523

WELL ELEVATION:

25.067 (NAVD1988)

26.458 (NGVD1929)

BENCHMARK USED FOR THIS WELL SITE: SFWMD PG 15 E 2005

BENCHMARK LOCATION:

N - 1128202

E - 827461

BENCHMARK ELEVATION:

21.870 (NAVD1988)

23.261 (NGVD1929)

NOTES:

1. COORDINATES USED HEREON ARE REFERENCED TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, NAD83/99 AND ARE IN U.S. SURVEY FEET.
2. ELEVATIONS WERE DETERMINED BY SECOND ORDER, CLASS 2 LEVELING FROM PUBLISHED NGS BENCHMARKS TO NEW BENCHMARKS ESTABLISHED AT THE WELL SITE. LEVELING IS BEING SUBMITTED TO NGS FOR INCLUSION INTO THE NGS DATABASE. **ELEVATIONS SHOWN HEREON ARE PRELIMINARY AND ARE SUBJECT TO CHANGE UPON EXCEPTANCE OF THE BLUE BOOK DATA INTO THE NGS DATABASE.**

WELL SITE: STL 295

WELL LOCATION:

N - 1128188

E - 827573

WELL ELEVATION:

25.500 (NAVD1988)

26.891 (NGVD1929)

BENCHMARK USED FOR THIS WELL SITE: SFWMD PG 15 E 2005

BENCHMARK LOCATION:

N - 1128202

E - 827461

BENCHMARK ELEVATION:

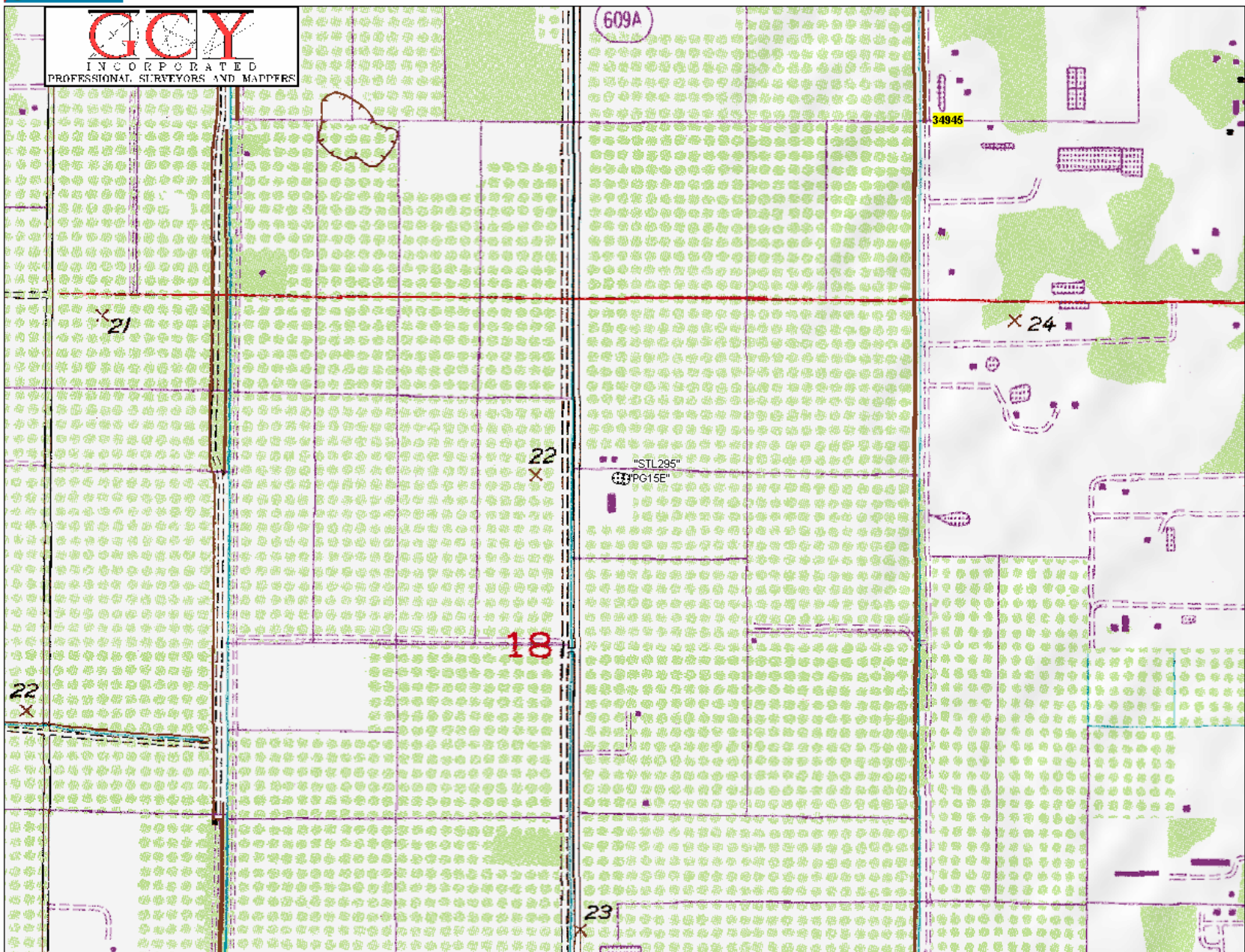
21.870 (NAVD1988)

23.261 (NGVD1929)

NOTES:

1. COORDINATES USED HEREON ARE REFERENCED TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, NAD83/99 AND ARE IN U.S. SURVEY FEET.
2. ELEVATIONS WERE DETERMINED BY SECOND ORDER, CLASS 2 LEVELING FROM PUBLISHED NGS BENCHMARKS TO NEW BENCHMARKS ESTABLISHED AT THE WELL SITE. LEVELING IS BEING SUBMITTED TO NGS FOR INCLUSION INTO THE NGS DATABASE. **ELEVATIONS SHOWN HEREON ARE PRELIMINARY AND ARE SUBJECT TO CHANGE UPON EXCEPTANCE OF THE BLUE BOOK DATA INTO THE NGS DATABASE.**

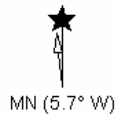
GCY
INCORPORATED
PROFESSIONAL SURVEYORS AND MAPPERS



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Data Zoom 14-0

PG 15 E & STL 295

Fieldnotes

ST. LUCIE COUNTY WELLS

WELLS PG 15E & STL 295

B.M. PG15E

BOTH WELLS WERE RECOVERED, 3'¹/₂' ABOVE GRADE (PVC)

SET 3'¹/₂' BRASS DISK IN CONC. (4-80 LB BAGS IN STANDARD
"BELL SHAPED HOLE.") S.F.W.M.D. SURVEY MARKER PG15E 2005

02-10-25

8-12-05

W.M.D.

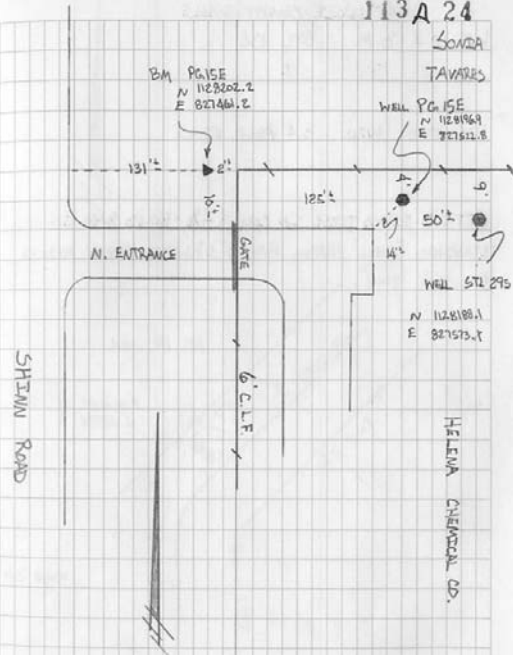
113A 24

SONDA

TAVARES

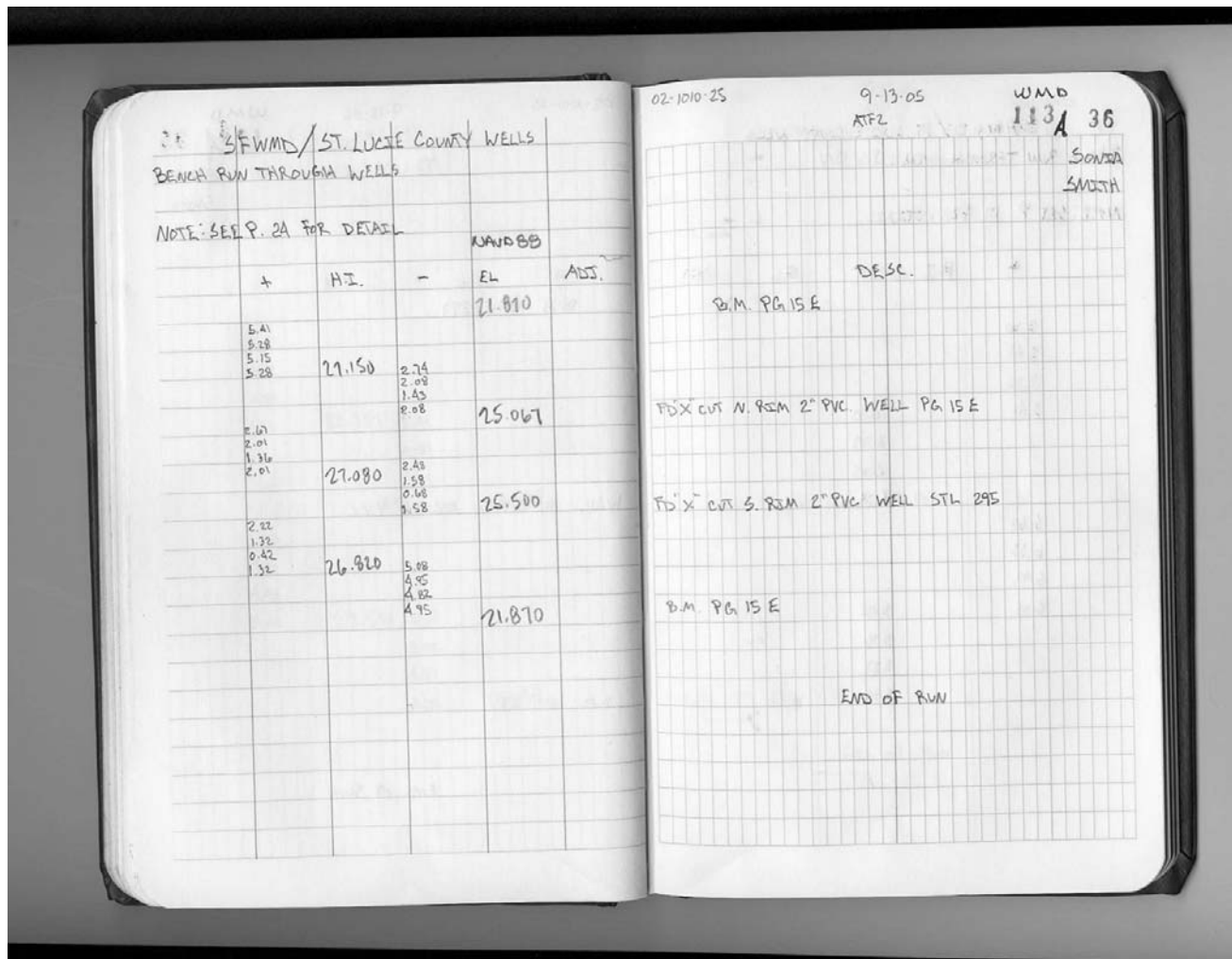
WELL PG15E
N 1128196.9
E 721511.8

B.M. PG15E
N 1128202.2
E 821441.2



PG 15 E & STL 295

Fieldnotes



PG 15 E

Well



STL 295

Well



PG 15 E & STL 295

Well



PG 15 E

Benchmark



PG 15 E

Benchmark



SURVEYOR'S REPORT

BENCHMARK "PG 15 E" AND WELLS "PG 15 E & STL 295"

1. Elevations shown herein are referenced to the North American Vertical Datum of 1988 (NAVD88) and are in represented in U.S. Survey Feet.
2. Elevations represented as NGVD 1929 (National Geodetic Vertical Datum of 1929) were determined from either the superceded values given on the NGS Datasheet downloaded from the NGS website or were determined using the "NGVD29.TXT" file. Vertcon **was not** used to transform NAVD88 elevations to NGVD29 values.
3. A Second Order Class II level run was performed to bring vertical control to newly constructed benchmarks at or near the specific well site. The data for level run is being submitted to NGS in "Blue-Book" format so that it will be included into the NGS database. Newly constructed benchmarks meet the NGS guidelines for a "Stability C" monument and have a SFWMD Survey Marker set in them.
4. A 3 wire – third order leveling was performed between the established benchmark and the existing well.
5. Vertical Control used for this Benchmark and Well are as follows:
Q 483 (NGS PID AJ3249)
OR 1 21 (NGS PID AJ3270)
6. Leveling for this site was performed on September 26, 2005.

Certification

(Not valid without the signature and original raised seal of a Florida licensed Surveyor and Mapper)

I hereby certify that the Specific Purpose Survey indicated hereon was completed under my direction. I further certify that this Survey meets the Minimum Technical Standards for Surveys set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida State Statutes.

Date of Survey _____

Date of Signature _____

Peter Andersen
Professional Survey and Mapper
Florida Certificate No. 5199