

Surveyor's Report



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LB 4108

SURVEYOR'S REPORT

- 1. This report is prepared for the benefit of All Webbs Enterprises, Inc.
- 2. A benchmark was placed at the new well-site which is located on the South side of the C-23 canal, ¼ miles east of County Road 609 at the approximate Latitude of N 27°12'21.3" and Longitude of W 080°28'32.5" as located by a Garmin handheld GPS unit. Said benchmark is described as a Mag-nail and aluminum washer on the Northwest corner of a 6'x 6' concrete pad constructed around the new well and is stamped "GCY, Inc BM 105-15A".
- The elevation of the above described benchmark is 33.39 feet NGVD 1929. The origin of the elevation is benchmark "F009" (NGS PID AF7687). The NGVD 1929 elevation used for this benchmark came from the computer file "NGVD29.txt" file received from the South Florida Water Management District.

Date of Survey: March 6, 2006

Peter Andersen

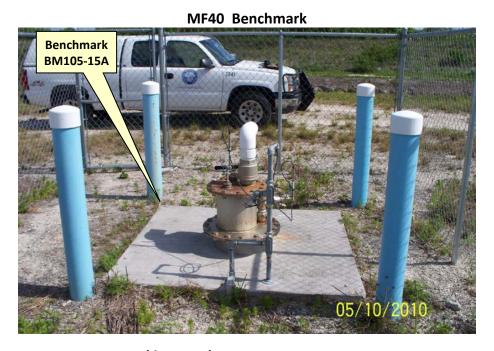
Professional Surveyor and Mapper Florida Certification No. 5199

Job Number: 05-1069-01-01





Looking Southeast (District Picture 02-dec-08)



Looking North (District Picture 10-may-10)





Looking East (District Picture 27-may-08)

MF40 Well



Looking South (District Picture 27-may-08)

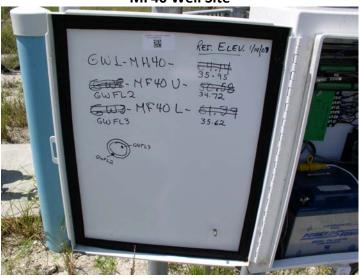






Looking South (District Picture 27-may-08)

MF40 Well Site



Written at the Well (District Picture 23-jul-09)

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From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project.

Line/Part: L26245 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained

Mark ID SSN PID Designation Geopotential Elevation Codes

1801 3154 AF7687 F009 9.5115 9.7057

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.8
1 National Geodetic Survey, Retrieval Date = JANUARY 12, 2016
AF7687 DESIGNATION - F009
AF7687 PID
            - AF7687
AF7687 STATE/COUNTY- FL/MARTIN
AF7687 COUNTRY - US
AF7687 USGS QUAD - INDIAN TOWN NW (1983)
AF7687
AF7687
                           *CURRENT SURVEY CONTROL
AF7687
AF7687* NAD 83(2011) POSITION- 27 12 21.31258(N) 080 28 52.82113(W) ADJUSTED
AF7687* NAD 83(2011) ELLIP HT- -17.807 (meters)
                                                 (06/27/12) ADJUSTED
AF7687* NAD 83(2011) EPOCH - 2010.00
AF7687* NAVD 88 ORTHO HEIGHT - 9.269 (meters)
                                               30.41 (feet) ADJUSTED
AF7687
AF7687 NAD 83(2011) X - 938,712.030 (meters)
                                                              COMP
AF7687 NAD 83(2011) Y - -5,598,320.373 (meters)
                                                              COMP
AF7687 NAD 83(2011) Z - 2,898,518.884 (meters)
                                                              COMP
AF7687 LAPLACE CORR -
                             -1.47 (seconds)
                                                              DEFLEC12B
AF7687 GEOID HEIGHT -
                             -27.086 (meters)
                                                              GEOID12B
AF7687 DYNAMIC HEIGHT -
                              9.255 (meters)
                                                30.36 (feet) COMP
AF7687 MODELED GRAVITY - 979,106.2 (mgal)
                                                              NAVD 88
AF7687
AF7687 VERT ORDER - FIRST CLASS II
AF7687
AF7687 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
AF7687 Standards:
AF7687
            FGDC (95% conf, cm)
                                 Standard deviation (cm)
AF7687
             Horiz Ellip SD N SD E SD h (unitless)
AF7687 -----
                                    0.35 0.31 0.53
AF7687 NETWORK
                0.81 1.04
                                                         0.08469434
AF7687 ------
AF7687 Click here for local accuracies and other accuracy information.
AF7687
AF7687
AF7687. The horizontal coordinates were established by GPS observations
AF7687.and adjusted by the National Geodetic Survey in June 2012.
AF7687
AF7687.NAD 83(2011) refers to NAD 83 coordinates where the reference
AF7687.frame has been affixed to the stable North American tectonic plate. See
AF7687.NA2011 for more information.
AF7687
AF7687. The horizontal coordinates are valid at the epoch date displayed above
AF7687.which is a decimal equivalence of Year/Month/Day.
AF7687. The orthometric height was determined by differential leveling and
AF7687.adjusted by the NATIONAL GEODETIC SURVEY
AF7687.in November 2015.
AF7687
AF7687. Significant digits in the geoid height do not necessarily reflect accuracy.
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AF7687.GEOID12B height accuracy estimate available here.
AF7687. The X, Y, and Z were computed from the position and the ellipsoidal ht.
AF7687. The Laplace correction was computed from DEFLEC12B derived deflections.
AF7687
AF7687. The ellipsoidal height was determined by GPS observations
AF7687.and is referenced to NAD 83.
AF7687. The dynamic height is computed by dividing the NAVD 88
AF7687.geopotential number by the normal gravity value computed on the
AF7687. Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AF7687.degrees latitude (g = 980.6199 \text{ gals.}).
AF7687
AF7687. The modeled gravity was interpolated from observed gravity values.
AF7687. The following values were computed from the NAD 83(2011) position.
AF7687
                                                   Units Scale Factor Converg.
AF7687;
                            North
                                           East
AF7687;SPC FL E - 318,326.052 251,382.908 MT 0.99997376 +0 14 13.7 AF7687;SPC FL E - 1,044,374.72 824,745.42 SFT 0.99997376 +0 14 13.7 AF7687;UTM 17 - 3,009,349.422 551,365.376 MT 0.99963257 +0 14 13.7
AF7687
AF7687!
                    - Elev Factor x Scale Factor = Combined Factor
AF7687!SPC FL E - 1.00000280 x 0.99997376 = 0.99997656
AF7687!UTM 17 - 1.00000280 x 0.99963257 = 0.99963537
AF7687
AF7687
                                  SUPERSEDED SURVEY CONTROL
AF7687
AF7687 NAD 83(2007) - 27 12 21.31263(N) 080 28 52.82167(W) AD(2002.00) 0
AF7687 ELLIP H (02/10/07) -17.792 (m)
                                                                   GP(2002.00)
AF7687 NAD 83(1999) - 27 12 21.31276(N) 080 28 52.82206(W) AD(
                                                                          ) 1
AF7687 ELLIP H (06/19/01) -17.765 (m) GP(
AF7687 NAD 83(1990) - 27 12 21.31132(N) 080 28 52.82122(W) AD(
                                                                             ) 4 1
                                                                             ) 3 2
AF7687 ELLIP H (03/30/94) -17.731 (m)
                                                                   GP(
AF7687 NAVD 88 (05/02/02) 9.268 (m)
                                                      30.41 (f) SUPERSEDED 1 2
AF7687 NAVD 88 (03/30/94)
                              9.2 (m) GEOID93 model used GPS OBS
AF7687
AF7687. Superseded values are not recommended for survey control.
AF7687.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AF7687. See file dsdata.txt to determine how the superseded data were derived.
AF7687 U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNL5136509349(NAD 83)
AF7687
AF7687 MARKER: F = FLANGE-ENCASED ROD
AF7687 SETTING: 15 = METAL ROD DRIVEN INTO GROUND. SEE TEXT FOR ADDITIONAL
AF7687+WITH SETTING: INFORMATION.
AF7687 STAMPING: F009 1992
AF7687 MARK LOGO: NGS
AF7687 PROJECTION: FLUSH
AF7687 MAGNETIC: N = NO MAGNETIC MATERIAL
AF7687 STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AF7687+STABILITY: SURFACE MOTION
AF7687 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AF7687+SATELLITE: SATELLITE OBSERVATIONS - January 13, 2015
AF7687 ROD/PIPE-DEPTH: 2.7 meters
AF7687
AF7687 HISTORY
                   - Date
                               Condition
                                                   Report By
                              MONUMENTED
AF7687 HISTORY - 1992
                                                   KEISCH
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AF7687 HISTORY - 19930913 GOOD
                                                 GENGRP
AF7687 HISTORY
                   - 19950208 GOOD
                                                 SFLWMD
AF7687 HISTORY
                   - 20010906 GOOD
                                                 FOST
AF7687 HISTORY - 20050815 GOOD

AF7687 HISTORY - 20050815 GOOD

AF7687 HISTORY - 20060817 GOOD

AF7687 HISTORY - 20100730 GOOD

AF7687 HISTORY - 20150113 GOOD
                                                 GCYI
                                                  GCYI
                                                  FLDEP
                                                  FL-085
                                                  FLDEP
AF7687
                                  STATION DESCRIPTION
AF7687
AF7687
AF7687'DESCRIBED BY KEITH AND SCHNARS - LAKELAND 1992
AF7687'THE STATION IS LOCATED ABOUT 14 MI (22.5 KM) WEST OF STUART NEAR THE
AF7687'MARTIN COUNTY/ST LUCIE COUNTY LINE IN THE EAST RIGHT-OF-WAY OF C.R.
AF7687'609 IN SECTION 6, TOWNSHIP 38 SOUTH, RANGE 39 EAST, MARTIN COUNTY,
AF7687'FLORIDA.
AF7687'TO REACH THE STATION FROM THE INTERSECTION OF C.R. 714 AND C.R. 609,
AF7687'NORTH OF INDIANTOWN, GO NORTH ON C.R. 609 FOR 3.1 MI (5.0 KM) TO
AF7687'CANAL C-23, THE COUNTY LINE, AND THE STATION ON THE RIGHT. THE
AF7687'STATION LIES SOUTH OF THE CANAL, 32.7 FT (10.0 M) SOUTH OF THE SOUTH
AF7687'END OF A CONCRETE HEADWALL, 3.5 FT (1.1 M) EAST OF A METAL GUARDRAIL,
AF7687'78.4 FT (23.9 M) WEST OF A BARBED WIRE FENCE, AND EAST OF A CARSONITE
AF7687'WITNESS POST.
AF7687'ACCESS TO THE DATUM POINT--THE STATION IS RECESSED INSIDE A NGS LOGO
AF7687'CAP MOUNTED ON A 5 INCH DIAMETER PVC PIPE SET IN A CONCRETE COLLAR
AF7687'SET FLUSH WITH THE GROUND.
AF7687'REFERENCES--
AF7687'FOUND X-CUT IN CONCRETE HEADWALL, MAGNETIC AZIMUTH OF 11 DEGREES AT
AF7687'35.68 FT (10.88 M) .
AF7687'KEITH AND SCHNARS NAIL AND DISC, SET IN WOOD FENCE CORNER, MAGNETIC
AF7687'AZIMUTH OF 90 DEGREES AT 78.38 FT (23.89 M) .
AF7687'KEITH AND SCHNARS NAIL AND DISC, SET IN WOOD P.I. POWER POLE, MAGNETIC
AF7687'AZIMUTH OF 160 DEGREES AT 148.70 FT (45.32 M) .
AF7687'FOUND NAIL AND DISC STAMPED TINKLE PAUGH SURVEYORS, SET IN TOP OF
AF7687'WOOD GUARDRAIL, MAGNETIC AZIMUTH OF 350 DEGREES AT 9.02 FT (2.75 M) .
AF7687
AF7687
                                  STATION RECOVERY (1993)
AF7687
AF7687'RECOVERY NOTE BY GENSIS GROUP INCORPORATED SE 1993 (JEL)
AF7687'URECOVERED AS DESCRIBED.
AF7687
AF7687
                                  STATION RECOVERY (1995)
AF7687
AF7687'RECOVERY NOTE BY S FL WATER MGMT DIST 1995 (MEH)
AF7687'RECOVERED AS DESCRIBED.
AF7687
AF7687
                                  STATION RECOVERY (2001)
AF7687'RECOVERY NOTE BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)
AF7687'THE MONUMENT WAS RECOVERED AS DESCRIBED.
AF7687
AF7687
                                  STATION RECOVERY (2005)
AF7687'RECOVERY NOTE BY G.C.Y., INCORPORATED 2005 (JES)
AF7687'RECOVERED IN GOOD CONDITION.
AF7687
AF7687
                                 STATION RECOVERY (2005)
AF7687'RECOVERY NOTE BY G.C.Y., INCORPORATED 2005 (JES)
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AF7687'RECOVERED AS DESCRIBED.
AF7687
AF7687
                               STATION RECOVERY (2006)
AF7687
AF7687'RECOVERY NOTE BY FL DEPT OF ENV PRO 2006 (BPJ)
AF7687'RECOVERED AS DESCRIBED.
AF7687
AF7687
                               STATION RECOVERY (2010)
AF7687
AF7687'RECOVERY NOTE BY MARTIN COUNTY FLORIDA 2010
AF7687'RECOVERED IN GOOD CONDITION.
AF7687
                                STATION RECOVERY (2015)
AF7687
AF7687
AF7687'RECOVERY NOTE BY FL DEPT OF ENV PRO 2015 (BPJ)
AF7687'RECOVERED AS DESCRIBED.
*** retrieval complete.
Elapsed Time = 00:00:03
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