

② MARTIN Co. WELL LEVELS FB #6 12/19/88

STA	H	H1	-	ELEV
BM	4.78 (8.23)	13.01		8.23
TP	4.52 (8.14)	13.36	4.17 (8.49)	8.84
TP	3.98 (8.68)	12.67	4.67 (8.00)	8.69
TP	4.26 (8.40)	10.80	6.03 (7.63)	6.64
TP	4.68 (8.58)	11.27	4.31 (8.36)	6.59
TP	5.74 (7.91)	12.96	4.05 (8.60)	7.22
TP	5.00 (8.67)	12.80	5.06 (8.61)	7.50
TBM			3.86 (8.80)	8.04

6.77059 (2.06368m) NAVD88

TBM			4.66 (8.60)	8.84
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RG. TURN

TBM	4.19 (8.47)	13.03		8.84
TP	5.11 (8.50)	13.01	5.13 (8.54)	7.90
TP	4.03 (8.62)	11.20	5.84 (7.81)	7.17
TP	4.94 (8.73)	11.51	4.63 (8.04)	6.57
TP	6.76 (8.90)	13.82	4.45 (8.21)	7.06
TP	4.71 (8.96)	13.48	5.05 (8.62)	8.77
TP	3.86 (8.70)	13.45	4.85 (8.67)	8.48
BM			5.21 (8.46)	8.24

8.23

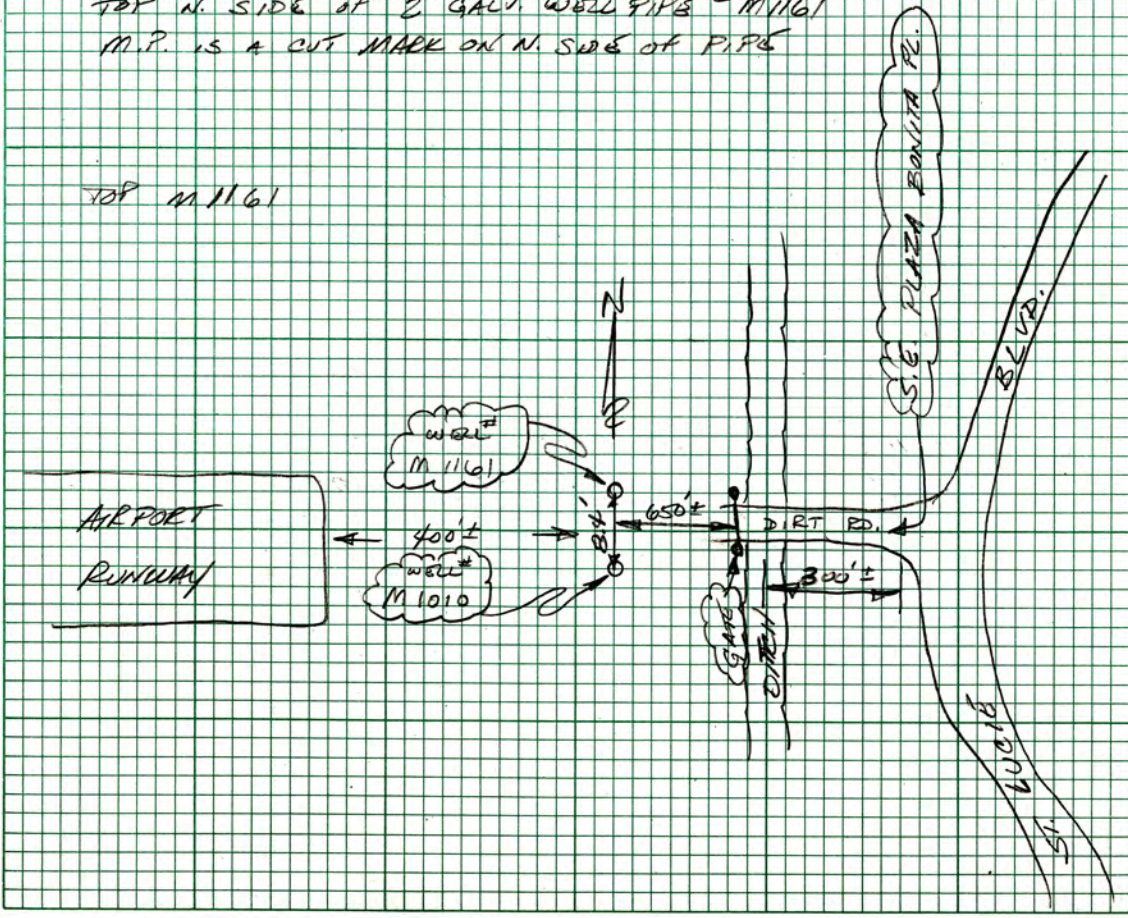
MARTIN Co. WELL LEVELS FB #6 12/19/88 ②0

MAR-18 EL. IS 2.508 METERS
SEC. 11 TWP 38 RGE 41

RD HOWARD
O'BANNON
MORRISSEY
HUDSON

TOP N. SIDE OF 2" GALV. WELL PIPE # M1010
M.P. IS A CUT MARK ON N. SIDE OF PIPE
TOP N. SIDE OF 2" GALV. WELL PIPE # M1161
M.P. IS A CUT MARK ON N. SIDE OF PIPE

TOP M1161



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Survey Data Entry
and Retrieval Application

Survey Data Entry and Retrieval Application (SDERA) Print Output

Control Point Search Results

Derived Data - Denoted By:

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Designation	MAR18	Record State	ACCEPTED
NGS PID			
Project Name	M-1010 WELL SITE	Date Entered/Updated	05/08/2017
Updated By	hehmke	Status	
Party Chief		Type	V
Monument Set By	SOUTH FLORIDA WATER MANAGEMENT DISTRICT	Date Established	01/01/1981
County	MARTIN COUNTY	Section	11
Township	38	Range	41
Quadrangle		Offset (29 to 88)	
NGS Source BM		CCR Link	
Ctrl Pt Source(s)			

<u>Horizontal</u>	<u>NAD 1927</u>	<u>NAD 1983</u>	<u>Vertical</u>	<u>NGVD 1929</u>	<u>NAVD 1988</u>
Latitude		27 10 58.0	Class		
Longitude		80 12 30.0	Order	2	2
Northing(Y)			Elevation	8.228	6.771
Easting(X)			Measurement Unit	Feet	Feet
Class					
Order					
NAD83 Adj Year					

Field Book

TAPES Martin Co Wells 6

Field Book Pages

20

Stamping

MAR 18 1981

How to Reach

From the intersection of State Highway 76 and State Highway A1A at confusion corner go east 0.1 of a mile to the Martin County Courthouse; thence east 2.4 miles along A1A to St. Lucie Boulevard; thence southerly 1.05 miles along St. Lucie Boulevard to a road leading into Conquistador Housing Complex at 1800 St. Lucie Boulevard and station location.

Station is 20.2 feet west of the center line of St. Lucie Boulevard; 24.0 feet north of the center line of the entrance to the Conquistador Housing Complex; 2.2 feet east of the east edge of the sidewalk; 4.0 feet northeast of the intersection of the curb and sidewalk and 19.5 feet south southwest of the northwest corner of the concrete curb. Station is also 11.5 feet east of the e. Wood post of an entrance sign.

A disk set into the top of a concrete post flush with ground.

NGS source benchmark: A239 (AF3118).

Description

A disk set into the top of a concrete post flush with ground.

DISCLAIMER:

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Survey Monument BenchMark Database Search

Designation	Mar18	Latitude	271058
County	Martin	Longitude	801230
Quad		Monument	Sfwmd
Project	Martin county levels	Year Set	1981
S/T/R	11 38 41	Type	V
Status		Stamping	Mar181981
		Party Chief	Paul rankin
NAD 1927		FB	Tapes
N:		Pg	
E:		NGVD 1929	
Adjustment		Elevation	8.228
NAD 1983		Order	2
N:		Class	
E:		NAVD 1988	
Adjustment		Elevation	
Order		Order	
Class		Class	

[Back](#)

FROM THE INTX OF STATE HWY 76 AND STATE HWY A1A AT CONFUSION CORNER; 0.1 MI E TO THE MARTIN COUNTY COURT HOUSE; 2.4 MI E ON A1A TO ST. LUCIE BLVD; 1.05 MI S'LY ON ST. LUCIE BLVD TO ROAD LEADING INTO CONQUISTADOR HOUSING COMPLEX AT 1800 ST.LUCIE BLVD AND STATION LOCATION.

STATION IS 20.2' W. OF THE CENTER LINE OF ST. LUCIE BLVD. 24.0' N. OF THE CENTER LINE OF THE ENTRANCE TO THE CONQUISTADOR HOUSING COMPLEX, 2.2' E. OF THE E. EDGE OF THE SIDEWALK, 4.0' NE OF THE INTERSECTION OF THE CURB AND SIDEWALK AND 19.5' SSW OF THE NW CORNER OF THE CONCRETE CURB. STATION IS ALSO 11.5' E. OF THE E. WOOD POST OF AN ENTRANCE SIGN.

A DISK SET INTO THE TOP OF A CONCRETE POST FLUSH WITH GROUND.

The NGS Data Sheet

See file [dsdata.pdf](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.12.1
1      National Geodetic Survey,  Retrieval Date = MAY  8, 2017
AF3118 *****
AF3118 DESIGNATION -  A 239
AF3118 PID          -  AF3118
AF3118 STATE/COUNTY-  FL/MARTIN
AF3118 COUNTRY      -  US
AF3118 USGS QUAD    -  ST LUCIE INLET (1983)
AF3118
AF3118                      *CURRENT SURVEY CONTROL
AF3118
AF3118* NAD 83(1986) POSITION- 27 11 46.      (N) 080 13 08.      (W)  SCALED
AF3118* NAVD 88 ORTHO HEIGHT -    2.360 (meters)          7.74 (feet) ADJUSTED
AF3118
AF3118 GEOID HEIGHT   -          -27.604 (meters)                GEOID12B
AF3118 DYNAMIC HEIGHT -           2.356 (meters)          7.73 (feet) COMP
AF3118 MODELED GRAVITY -    979,115.2 (mgal)                NAVD 88
AF3118
AF3118 VERT ORDER     -  FIRST      CLASS I
AF3118
AF3118.The horizontal coordinates were scaled from a topographic map and have
AF3118.an estimated accuracy of +/- 6 seconds.
AF3118.
AF3118.The orthometric height was determined by differential leveling and
AF3118.adjusted by the NATIONAL GEODETIC SURVEY
AF3118.in June 1991.
AF3118
AF3118.Significant digits in the geoid height do not necessarily reflect accuracy.
AF3118.GEOID12B height accuracy estimate available here.
AF3118
AF3118.The dynamic height is computed by dividing the NAVD 88
AF3118.geopotential number by the normal gravity value computed on the
AF3118.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AF3118.degrees latitude (g = 980.6199 gals.).
AF3118
AF3118.The modeled gravity was interpolated from observed gravity values.
AF3118
AF3118;
AF3118;          North          East      Units  Estimated Accuracy
AF3118;SPC FL E    -   317,370.      277,390.      MT  (+/- 180 meters Scaled)
AF3118
AF3118_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNL773083(NAD 83)
AF3118
AF3118                      SUPERSEDED SURVEY CONTROL
AF3118
AF3118 NGVD 29 (??/??/92)    2.804 (m)          9.20 (f) ADJ UNCH    1 1
AF3118
AF3118.Superseded values are not recommended for survey control.
AF3118
AF3118.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AF3118.See file dsdata.pdf to determine how the superseded data were derived.
AF3118

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AF3118_MARKER: DB = BENCH MARK DISK
 AF3118_SETTING: 16 = (FASTENED TO) A METAL ROD WITH BASE PLATE BURIED/SCREWED
 AF3118_WITH SETTING: INTO GROUND
 AF3118_STAMPING: A 239 1965
 AF3118_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AF3118+STABILITY: SURFACE MOTION

AF3118	HISTORY	- Date	Condition	Report By
AF3118	HISTORY	- 1965	MONUMENTED	CGS
AF3118	HISTORY	- 1972	GOOD	NGS
AF3118	HISTORY	- 1983	GOOD	USPSQD
AF3118	HISTORY	- 1984	MARK NOT FOUND	NGS
AF3118	HISTORY	- 1987	MARK NOT FOUND	USPSQD
AF3118	HISTORY	- 1988	MARK NOT FOUND	USPSQD

AF3118

STATION DESCRIPTION

AF3118

AF3118'DESCRIBED BY COAST AND GEODETIC SURVEY 1965

AF3118'1.9 MI E FROM STUART.

AF3118'ABOUT 1.9 MILES EAST ALONG STATE HIGHWAY A 1 A FROM THE

AF3118'COURTHOUSE AT STUART, NEAR THE REDEEMER LUTHERAN CHURCH, 67.2

AF3118'FEET SOUTH OF THE CENTER LINE OF THE HIGHWAY, 163.5 FEET NORTH

AF3118'OF THE NORTHEAST CORNER OF THE CHURCH BUILDING, 28 FEET SOUTHWEST

AF3118'OF POWER LINE POLE NO. 328 C, 164 FEET EAST OF THE CENTER LINE

AF3118'OF DRIVEWAY LEADING SOUTH TO CHURCH, 32 1/2 FEET NORTHWEST OF

AF3118'A LONE 16-INCH PINE TREE, NEAR THE EAST END OF A ROW OF BUSHES,

AF3118'1 1/2 FEET BELOW THE LEVEL OF THE HIGHWAY AND IS A DISK WELDED

AF3118'ON THE TOP OF A 3 INCH IRON PIPE WHICH PROJECTS 3 INCHES ABOVE

AF3118'THE LEVEL OF THE GROUND.

AF3118

STATION RECOVERY (1972)

AF3118

AF3118

AF3118'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1972

AF3118'RECOVERED IN GOOD CONDITION.

AF3118

STATION RECOVERY (1983)

AF3118

AF3118

AF3118'RECOVERY NOTE BY US POWER SQUADRON 1983

AF3118'RECOVERED IN GOOD CONDITION.

AF3118

STATION RECOVERY (1984)

AF3118

AF3118

AF3118'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1984

AF3118'MARK NOT FOUND.

AF3118

STATION RECOVERY (1987)

AF3118

AF3118

AF3118'RECOVERY NOTE BY US POWER SQUADRON 1987 (FGH)

AF3118'MARK NOT FOUND.

AF3118

STATION RECOVERY (1988)

AF3118

AF3118

AF3118'RECOVERY NOTE BY US POWER SQUADRON 1988 (CWH)

AF3118'MARK NOT FOUND.

*** retrieval complete.

Elapsed Time = 00:00:02

100' FROM H/A (A.239) SLY ALONG ST. VALES BLVD E. W. ALONG INDIAN ST. E STAR TO MAR-20
 ADJUSTMENT OF LEVELS

PROJECT _____ FIELD BOOK _____ ORDER 2ND ADJ. BY C.Z.
 LINE FROM _____ TO _____ PARTY CHIEF _____ COUNTY _____ DATE _____

SECTION	DISTANCE	F OR B	SUM ROD READINGS		DIFF. ELEV.	MEAN DIFF.	ELEVATIONS			REMARKS
			BACK +	FWD. -			UNADJ.	CORR.	ADJ.	
NGS A.239									2.804	
	751.2	F			+0.32545	+0.32547				
	757.8	B			-0.32550			x=0.0041		
NGS 2-A	(754)								3.12947	3.122 NGS PER.
	1709	F			-0.62030	+0.62313				
	1703	B			+0.62595					
MAR 18	(2.460)								2.50634	x=0.0134
	1130	F			+1.80625	+1.80435				
	1128.6	B			-1.80245					
MAR 19	(3.590)								4.31069	x=0.0096
	271.6	F			-1.92210	-1.92295				
	269.8	B			+1.92550					
MAR 20										2.28770
MAR 19										
	1359.6	F			-1.69735	-1.69860				
	1363.2	B			+1.69985					
MAR 21	(2.951)								2.61209	x=0.0020
	1300.2	F			+3.22450	+3.22335				
	1298.6	B			-3.22220					
MAR 22	(6.257)								5.83544	x=0.0034
										5.83885

3.129
 - 3.122
 actual error = 7 mm
 allowable = 4.9 mm

Star
 MAR 20

Star

ADJUSTMENT OF LEVELS

PROJECT _____ FIELD BOOK _____ ORDER _____ ADJ. BY _____
 LINE FROM _____ TO _____ PARTY CHIEF _____ COUNTY _____ DATE _____

SECTION	DISTANCE	F or B	SUM ROD READINGS		DIFF. ELEV.	MEAN DIFF.	ELEVATIONS			REMARKS
			BACK +	FWD. -			UNADJ.	CORR.	ADJ.	
MAR 22							5.83544		5.83885	
	93.8	F			-0.23870	-0.23890				
	93.8	B			+0.23910					
USC & GS L-224	(6.345)		676.345	15 mm. allowable			5.59654	0.0346	5.600	NGS
							diff = 3.46 mm			
<hr/>										
MAR 22									5.83885	
	1217.8	F			+0.00005	-0.00103				
	1232.0	B			+0.00200					
USC & GS G-224							5.83782		5.839	NGS 14B
	595.4	F			-1.18795	-1.18835				diff 0.001 1 mm
	597.0	B			+1.18875					
J - 224							4.65065		4.649	
				4 mm. allowable.			diff 1.65 mm.			

STUDY ONLY

ADJUSTMENT OF LEVELS

PROJECT ST. LUCIE ESTUARY FIELD BOOK TAPES ORDER ADJ. BY P.L.H.
 LINE FROM A-239 TO G-224 PARTY CHIEF P. RANKIN COUNTY MARTIN DATE 8/11/81

SECTION	DISTANCE	F OR B	SUM ROD READINGS		DIFF. ELEV.	MEAN DIFF.	ELEVATIONS			REMARKS	
			BACK +	FWD. -			UNADJ.	CORR.	ADJ.		
<u>U.S.C. & G.S. A-239</u>										<u>2.804</u>	
	<u>751.2^(M)</u>	F			<u>+32545</u>						
	<u>757.8</u>	B			<u>-32550</u>						
<u>U.S.C. & G.S. 2-A (D.O.T.)</u>	<u>(7545^(KUM))</u>					<u>+32547</u>	<u>3.12947</u>	<u>+100045</u>		<u>3.122</u>	<u>.00747</u> <u>.00522 (ALLOWABLE)</u>
	<u>1709.0</u>	F			<u>-62030</u>						
	<u>1703.0</u>	B			<u>+62595</u>						
<u>MAR-18</u>	<u>(2.46050)</u>					<u>-62312</u>	<u>2.50634</u>	<u>+100149</u>		<u>2.50783</u>	
	<u>1130.0</u>	F			<u>+1.80625</u>						
	<u>1128.6</u>	B			<u>-1.80245</u>						
<u>MAR-19</u>	<u>(3.58930)</u>					<u>+1.80435</u>	<u>4.31069</u>	<u>+100217</u>		<u>4.31286</u>	
	<u>1359.6</u>	F			<u>-1.69735</u>						
	<u>1363.2</u>	B			<u>+1.69935</u>						
<u>MAR-21</u>	<u>(4.95120)</u>					<u>-1.69860</u>	<u>2.61209</u>	<u>+100300</u>		<u>2.61509</u>	
	<u>1300.2</u>	F			<u>+323450</u>						
	<u>1298.6</u>	B			<u>-3.22220</u>						
<u>MAR-22</u>	<u>(6.25000)</u>					<u>+3.22335</u>	<u>5.83544</u>	<u>+100278</u>		<u>5.83922</u>	
	<u>1217.8</u>	F			<u>+1.00005</u>						
	<u>1222.0</u>	B			<u>+1.00200</u>						
<u>U.S.C. & G.S. G-224</u>	<u>(7.47550)</u>					<u>-1.00097</u>	<u>5.83447</u>	<u>+100453</u>		<u>5.839</u>	<u>ALLOWABLE .01640 (M)</u>
	<u>595.4</u>	F			<u>-1.18795</u>						
	<u>597.0</u>	B			<u>+1.18875</u>						
<u>U.S.C. & G.S. I-224</u>						<u>-1.18835</u>	<u>4.65065</u>	<u>+100165</u>		<u>4.649</u>	<u>ALLOWABLE .00463</u>

check ↗

DBHYDRO | by station

STATION INFORMATION

Station	M-1010
Site	M-1010
Type	WELL
Latitude (ddmmss.sss)	271110.178
Longitude (ddmmss.sss)	801254.172
X Coord (ft) NAD83	911344.878
Y Coord (ft) NAD83	1037641.48
County	Martin
Basin	SOUTH COASTAL
Section	11
Township	38
Range	41
Show Map	Google Map
Well Info	Info
Description	M-1010
Notes	
Nearby Stations	Nearby Stations
Attachments	None Available

Query returned 1 station record(s).

[Get Time Series Data](#)

DBHYDRO | by station

STATION INFORMATION

Station	M-1010 1
Site	M-1010 1
Type	WELL
Latitude (ddmmss.sss)	271110.168
Longitude (ddmmss.sss)	801254.156
X Coord (ft) NAD83	911346.43
Y Coord (ft) NAD83	1037640.583
County	Martin
Basin	SOUTH COASTAL
Section	11
Township	38
Range	41
Show Map	Google Map
Well Info	Info
Description	Appx. 0.25 mi S and 2.3 mi E of the intersection of SR76 and US1
Notes	USGS Observation Well at Stuart, FL. Description obtained from USGS Water Resources Data Report.
Nearby Stations	Nearby Stations
Attachments	None Available

Query returned 1 station record(s).

[Get Time Series Data](#)

DBHYDRO | by station

STATION INFORMATION

Station	M-1010 2
Site	M-1010 2
Type	WELL
Latitude (ddmmss.sss)	271110.168
Longitude (ddmmss.sss)	801254.156
X Coord (ft) NAD83	911346.43
Y Coord (ft) NAD83	1037640.583
County	Martin
Basin	SOUTH COASTAL
Section	11
Township	38
Range	41
Show Map	Google Map
Well Info	Info
Description	M-1010 STUART RUNWAY NE END
Notes	
Nearby Stations	Nearby Stations
Attachments	None Available

Query returned 1 station record(s).

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