SPECIAL PUBLICATION SJ 84-SP1

REPORT ON UNCONTROLLED FREE FLOWING ARTESIAN WELLS – FREE FLOWING WELL PLUGGING PROGRAM

1983

By

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Water Resources Department

St. Johns River Water Management District

Palatka, Florida

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Project Number 20 018 02

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INTRODUCTION

There are a large number of free flowing wells in Florida. Many of these wells were drilled years ago for agricultural or mosquito control purposes. Many are no longer needed but have been abandoned and their flow is uncontrolled. These uncontrolled free flowing wells are a cause for serious concern for three reasons: 1. wasting of the water resource, 2. interaquifer contamination, and 3. danger of salt water intrusion due to lowered artesian pressure.

In 1983 the Legislature of the State of Florida enacted legislation (Water Quality Act of 1983), which addresses the concerns of free flowing wells. Part IV of the "Water Quality Act of 1983" defines an abandoned artesian well as a well without proper flow control at or below the land surface or that does not meet current well construction standards. Also, a well in which the use has been permanently discontinued or cannot be used without having an adverse impact on an aquifer which is presently a source of drinking water or may be a source in the future.

The "Water Quality Act of 1983" also directs the water management districts to prepare an inventory of these wells known in their respective districts. Each of the water management districts are to submit their inventory and a detailed work plan for plugging these wells to the Department of Environmental Regulation by January 1, 1984. The water management districts are also required to submit updates yearly until 1992 or until all inventoried wells have been plugged.

PURPOSE AND SCOPE

This document was prepared for presentation of related inventory data and technical information to comply with the requirements of Part IV of the "Water Quality Act of 1983." Information contained in this document follows the general guidelines that were provided by the Department of Environmental Regulation (Appendix A). This document was also prepared for public distribution to show the District's progress in pursuing the problems of uncontrolled free flowing wells and to provide effective planning for future work in this field.

PREVIOUS WORK

An original inventory of uncontrolled free flowing wells was conducted during the 1950's by the Florida Geological Survey, (Healy 1978). There were approximately 1,000 of these wells within the St. Johns River Water Management District. Since the original inventory, the surface discharge of many free flowing wells has been controlled but may cause an undesirable condition if allowed to flow uncontrolled beneath the land surface. (Figure 1)

In 1981 the St. Johns River Water Management District organized and initiated a free flowing well plugging program. Since the organization, the program has been attentive to three major objectives: 1. public awareness of the problems related to uncontrolled free flowing wells and the program's objectives, 2. inventorying and data collection of the wells reported and 3. plugging or controlling the flow of the wells.

The District has established contacts in Federal, State, County and local Government agencies to obtain well locations. In cooperation with some of the agencies, the District has circulated literature explaining the well plugging program. Press releases were sent to over 30 newspapers requesting public input of free flowing well information, (Appendix B). The program's efforts are concentrated in areas of the District where wells penetrating the Floridan aquifer are known to discharge at the land surface, (Figure 2). From these combined efforts 293 wells have been reported and inventoried, (Figure 3). The wells were field checked by District personnel and data collected was entered into the District's computer system.

The next step was to prioritize areas that were affected by the wells. Top priority was given to the barrier islands of south Brevard and north Indian River Counties. Here a lense of fresh water is density stratified over poorer quality water. Water discharged from free flowing wells is the largest local

stress on the lense. In cooperation with Brevard County, 15 wells have already been plugged in this area, (Figure 4). By plugging the wells the life of the fresh water resource has been prolonged.

Second priority was given to an abandoned oil test well (Bethesda Retirement Home Project) discharging approximately 1200 GPM. By reconstructing this well, a useful controlled well has been developed.

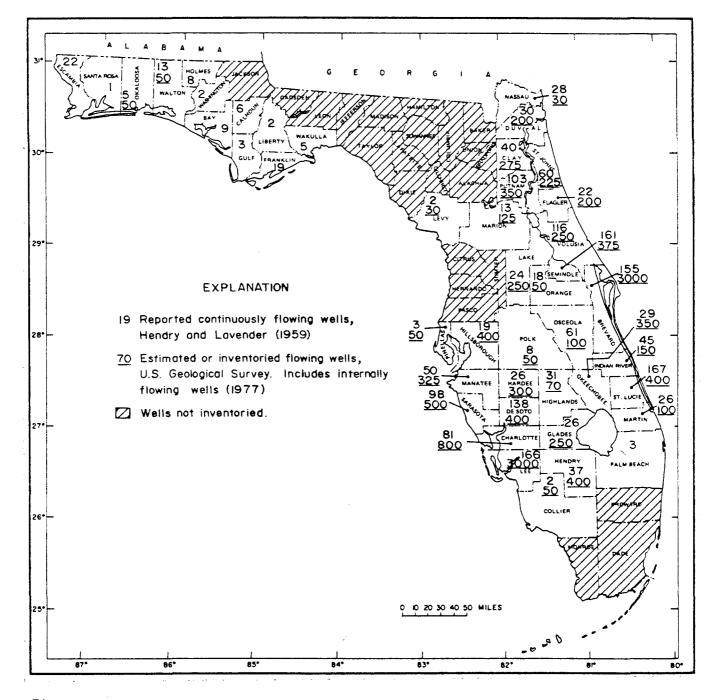


Figure 1. Number of Free Flowing Wells in Each County (Healy 1978)

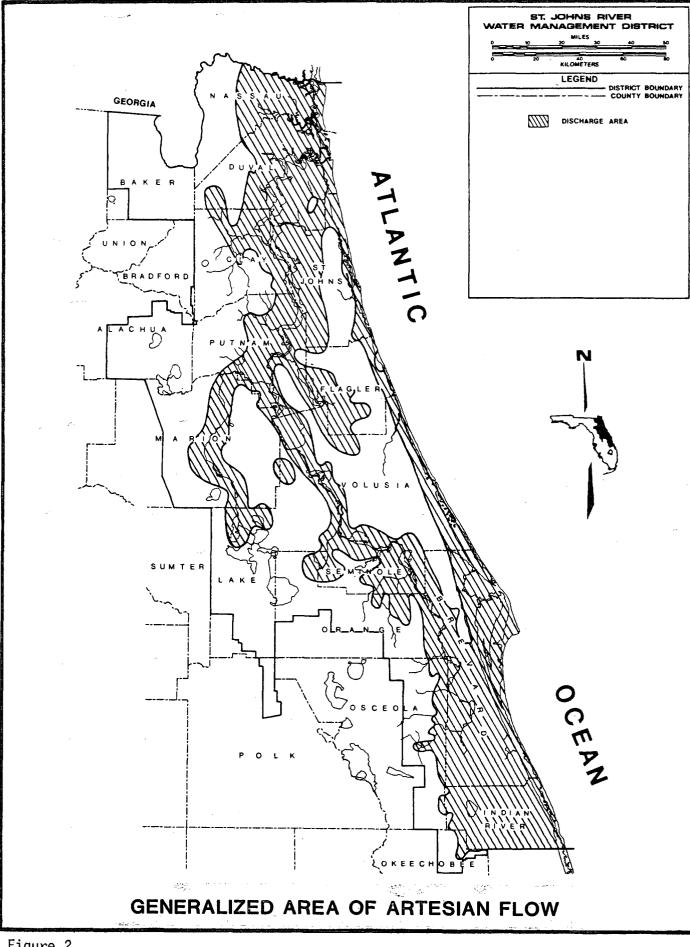


Figure 2.

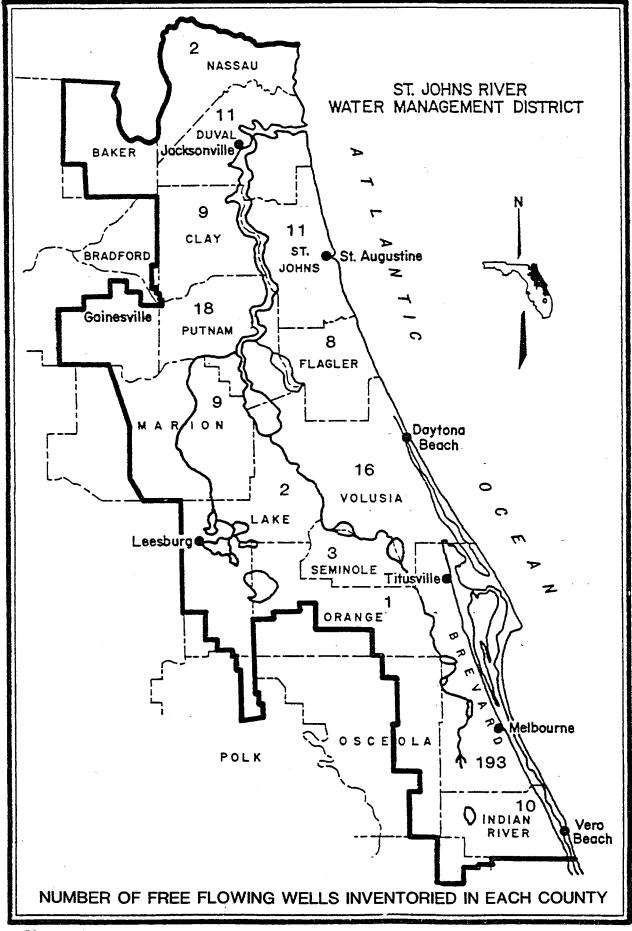


Figure 3.

SOUTH BREVARD CO.

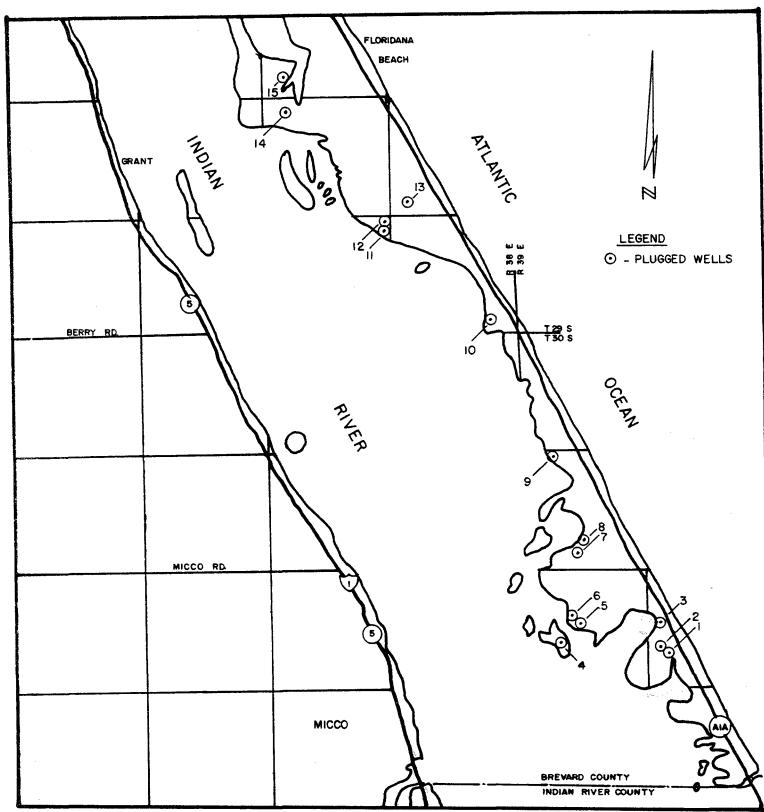


Figure 4. Location of Wells Plugged by the Free Flowing Well Plugging Program

WELL PLUGGING PROGRAM

Inventory

As of January 1, 1984, St. Johns River Water Management District has received reports of approximately 300 uncontrolled free flowing wells. Brevard County has simultaneously conducted an inventory of free flowing wells. The combined efforts located over 160 wells in Brevard County. This was the highest density of wells located in the District.

Each well reported is (if accessible) field checked by a District hydrologist or an engineering technician. The wells are photographed, mapped and assigned their respective latitude and longitude coordinates. Water quality samples from each well are collected and analyzed. The rate of flow is determined. This information is then stored on the data base of the District's computer system, (Appendix C). When specific geological information or details of well construction and condition are necessary, the well is geophysically logged by the District.

Areas where future extensive inventories are planned include Port Malabar Development in Palm Bay, the Hammock area of Flagler County, Indian River County, and further work in Brevard County. Coordination has begun with NASA hydrologists and engineers to initiate an extensive search for and inventory of uncontrolled free flowing wells at the Kennedy Space Center Properties. These are regions wherein hydrologic and geologic conditions are such that wells in these areas rank high in priority.

Priority

A priority system has been established in the District's Well Plugging Program to rank groups of wells according to the impact of the wells on the water resources of the area. The criteria considered when grouping wells

include; the quality of water being discharged or involved in interaquifer flow, the quantity of the water, the well construction, and the physical conditions of the well. The District has identified and ranked eight groups which would be indicative of these criteria. When specific hydrologic information is evaluated for a particular well or group of wells, the wells are prioritized accordingly. The priority groups established are as follows: #1 is the highest priority, #8 is the lowest priority.

- Good quality water in limited supply with no recharge (an isolated lense of fresh water).
- 2. Good quality water in large supply with no recharge.
- 3. Good quality water in limited supply with recharge.
- 4. Poor quality water contaminating fresh shallow aquifers (areas dependent on shallow aquifers for potable water supply will have higher priority).
- 5. Poor quality water directly contaminating fresh surface water bodies (areas that exhibit rapidly increasing chloride levels will have higher priority).
- 6. Good quality water in large supply with recharge.
- 7. Poor quality water contaminating shallow aquifers exhibiting high chloride levels.
- Poor quality water directly contaminating brackish or salt water surface water bodies.

Plugging Methodology

SJRWMD's first step in the well plugging process is to set up communications with other involved organizations or parties (i.e., Government agencies, property owners, and special interest groups). Through communications with the respective organizations and parties, explanation of the free flowing well program and discussion of the legalities, technical information, procedures,

objectives and finances of a particular well plugging project can be initiated. By obtaining a mutual understanding of these aspects of the project, an effective and feasible work plan can be devised and agreed on.

An explanation of the importance and priority of a particular plugging project is first presented. This is to encourage interest and cooperation with the respective parties involved and to minimize objections of parties opposed to the proposed project. Legal procedures are discussed so that the District's statutory authority and responsibilities (related to uncontrolled free flowing wells) can be understood and so that enforcement action can be set forth when appropriate. Cost estimates, actual costs from previous projects, and financial responsibilities of the respective parties are considered. When cost-sharing and other provisions are established, a cooperative agreement for the funding and responsibilities of the project is usually executed. (Appendix D)

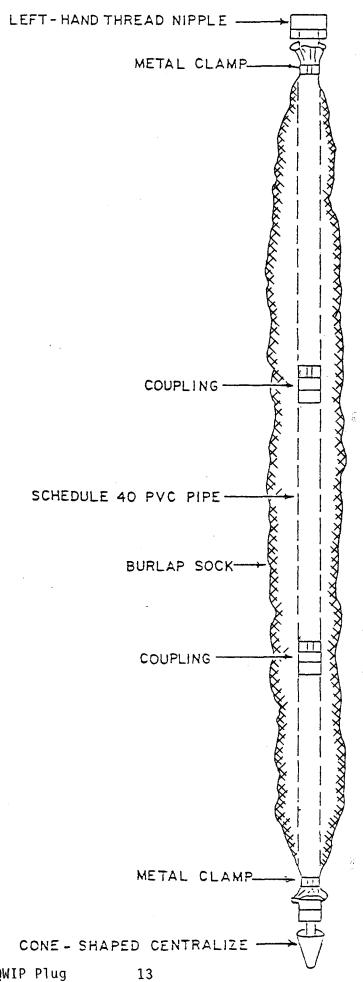
Detailed specifications for the project are prepared in accordance with SJRWMD Rules Chapter 40C-3 Revised Edition. These detailed specifications include contract procedures and forms, technical specifications and detailed plugging specifications. (Appendix D) Permitting procedures are carried out when applicable.

Types of Plugs

The condition of the well, the hydrologic situation of the area influenced by the well and the financial considerations, dictate one of three types of plugs commonly used. If the well does not present any water quality problems or depletion of one aquifer to another through interaquifer flow, the most efficient way to preserve the quantity of the water resource being wasted is to install a workable valve.

Uncontrolled free flowing wells that are in high priority areas usually need to be plugged by one of the other two types of plugs. When it is necessary to stop the flow of the well at the source, plugging the well by backfilling or the QWIP (Quality of Water Improvement Program, Southwest Florida Water Management District) plug methods are considered. The backfilling method is a conventional method used to grout the entire borehole. The grout material is placed in the borehole through a tremie pipe. The grouting operations will proceed in stages as the tremie pipe is raised out of the well. The depth at which the tremie pipe is placed and the amount and type of grout mixture pumped, will be specified either in the detailed specifications or by the District Hydrologist at the job site.

The term QWIP plug refers to the QWIP bridging plug (schematically shown and cross section showing the placement of the plug in the borehole; (Figures 5 & 6). The plug is assembled as it is lowered into the well. The sock (burlap sack) is clamped at the bottom and top of each joint contained within the sock. The pipe, with threaded adaptor at the top, is perforated by seven (7) holes of 1/2 inch diameter from one (1) to three (3) feet above the bottom to allow cement slurry to flow from the pipe into the sock. A cone shaped centralizer is affixed to the bottom of the pipe. The top of the plug is connected to the contractor's tremie by coupling and a nipple with appropriate diameter right-hand threaded joint allows a positive disconnect of the tremie pipe from the plug. The plug assembly is lowered to the prescribed depth on the contractor's tremie. When set to depth specified, the QWIP plug will be filled with the cement grout mixture called for in the detailed specifications or as ordered by the project manager on the job site.







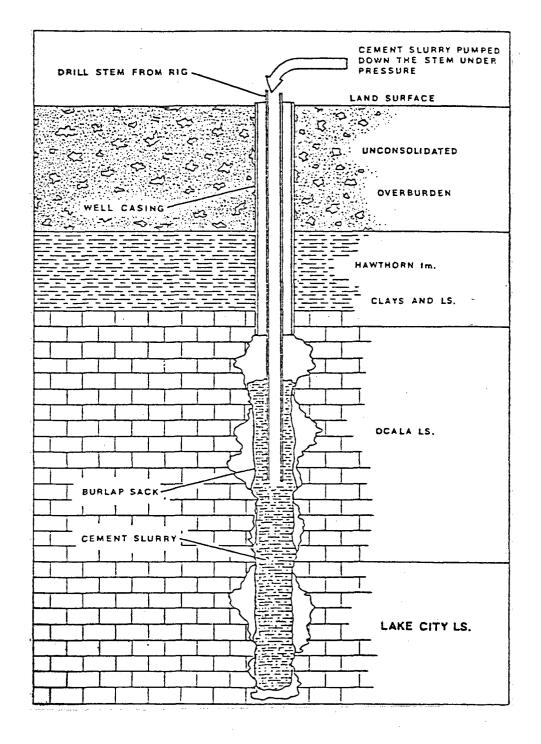


Figure 6. Generalized Cross Section Showing the Placement of the Plug within the Aquifer.

PROPOSED SCHEDULING

According to the District's estimates there are approximately 600 uncontrolled free flowing wells. Over the first three (3) years of the program 16 wells have been plugged and half of the estimated number of the existing free flowing wells have been located and inventoried. Throughout the nine (9) remaining years of the program (until 1992) efforts will be continued to locate all of the existing uncontrolled free flowing wells in the District. All of the methods previously mentioned will be utilized in the District's effort to locate the wells.

Well plugging scheduling will be directed, as funding is available, to plug 65 wells a year. This will equal the total amount of estimated free flowing wells to be plugged in nine (9) years (by 1992). The District, when feasible, will seek cost sharing in cooperation with concerned land owners, special interests and government agencies. The priorities established by the well plugging program will be considered for the scheduling of the free flowing wells to be plugged with District funds.

Currently 16 wells are tentatively scheduled to be plugged, beginning in mid-December 1983 to early February 1984. These wells are all located in high priority areas of the Barrier Islands, City of Melbourne and Palm Bay in Brevard County. Scheduling of wells to be plugged this year will continue as funding is available.

Tables 1 and 2 have been prepared to show the breakdown and the averages of the actual costs of plugging 16 wells and money expended for District support of the plugging program, during the first three years. Actual costs for plugging includes money spent for contractual services, materials, and equipment rental. Also included in the actual cost of Bethesda Retirement Home project was the cost of District personnel on the job site other than the project manager for the Free Flowing Well Plugging Program. Other projects did not require the services of other District personnel on the job site.

A hydrologist is assigned project manager for the Free Flowing Well Plugging Program. The project manager works full time on the project, which includes organization, inventory, correspondence, and field work related to the project. Other costs incurred would be supportive personnel, administrative personnel, and supportive commodities furnished by the District.

To comply with the guidelines provided by the Department of Environmental Regulations, Tables 3 and 4 were prepared to show estimated future costs. These tables were based upon actual cost incurred over the first three years of the well plugging program. Estimated costs were prepared including a projected 6% inflation rate per year. Table 5 is a summary of Tables 3 & 4 to show the total estimated costs for completing the well plugging project by 1992.

COSTS

Table 1. Actual Plugging Cost

Sebastian Inlet Project (15 Wells Plugged) Total Cost Average Cost Per Well	\$19,293.14 1,286.21
Bethesda Retirement Home Project (Oil Test Well) Costs	9,968.80
Combined Cost from Both Projects Average Actual Cost Per Well	\$29,261.94 1,828.87

Table 2. Cost to SJRWMD for Program Support (Includes Salaries and Commodities)

Fiscal Year 1980/1981 " " 1981/1982 " " 1982/1983 Sub Total Additional Administrative Cost (12%) Total	\$ 12,725.68 47,337.85 36,440.25 \$ 96,503.78 11,580.45 \$108,084.23
Less Contractual Plugging Cost (Table 1)	\$ 29,261.94
Total Amount Spent for Free Flowing Well Plugging Program Support	\$ 78,822.29
Average Cost Per Year	\$ 26,274.10

		for First 3 Years (From Table 2) st Per Year (From Table 2)	\$ 78,822.29 26,274.10
Projec	ted /	Average Cost Per Year Until 1992*	
		r 1983/1984	\$ 27,850.55
11	11	1984/1985	29,521.58
11	11	1985/1986	31,292.87
Ħ	11	1986/1987	33,170.45
11	81	1987/1988	35,160.67
U II	11	1988/1989	37,270.31
H	11	1989/1990	39,506.53
91	н	1990/1991	41,876.92
11	11	1991/1992	44,389.54
Total	of t	he Average Yearly Support Costs (9 Years)	320,039.42
Estima	ated	Cost Per Well (585 wells)	547.08

Table 3. Estimated Average Cost to SJRWMD Per Year Until 1992 for Program Support

Table 4. Estimated Cost for Actual Plugging (Based on Average Cost from Table 1)

Total Number of Wells to Plug Number of Wells to be Plugged Per Year (9 Years) Average Cost Per Well (Table 1) Average Cost Per Year			585 65 \$ 1,828.87 118,876.55
Projec	ted A	Average Cost Per Year Until 1992*	
		1983/1984	\$126,009.14
11	, i	1984/1985	133,569.69
11	н	1985/1986	141,583.87
11	11	1986/1987	150,078.90
11	11	1987/1988	159,083.64
u	U.	1988/1989	168,628.66
11	н	1989/1990	178,746.38
H	u	1990/1991	189,471.16
11	U	1991/1992	200,839.43
Estima	ted T	otal Cost for Plugging 585 Wells	
in 9 years			\$1,448,010.87
Estimated Cost Per Well		2,475.23	

*Indicates, included 6% inflation rate.

Table 5. Estimated Total Program	Cost
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Fiscal Year	Estimated Program Support Cost (Table 3)	Estimated Cost for Plugging (Table 4)	Estimated Total Program Cost
1983/1984 1984/1985 1985/1986 1986/1987 1987/1988 1988/1989 1989/1990 1990/1991	\$27,850.55 29,521.58 31,292.87 33,170.45 35,160.67 37,270.31 39,506.53 41,876.92	\$126,009.14 133,569.69 141.583.87 150,078.90 159,083.64 168,628.66 178,746.38 189,471.16	<pre>\$ 153.859.69 163.091.27 172,876.74 183,249.35 194,244.31 205,898.97 218,252.91 231,348.08</pre>
1991/1992	44,389.54	200,839.43 Total Cost	245,228.97 \$1,768,050.29

Average Total Cost Per Well \$ 3,022.31

CONCLUSION AND SUMMARY

According to United States Geological Survey References (Healy, 1978), there are approximately 1,000 artesian flowing wells within the St. Johns River Water Management District. Since the USGS's inventories and estimates, many of the wells have been abandoned or brought under control (as far as surface disharge) for future use by the owners, because of the developed concern over the years. When not abandoned properly, free flowing wells may continue to have a grave effect on the water resources of the area due to interaquifer contamination. Wells that are capped and not reported become increasingly difficult or impossible to locate and properly abandon. The District will continue to work with private well owners on request to evaluate suspect wells for remedial action.

The inventory of approximately 300 free flowing wells in the St. Johns River Water Management District is estimated to be 50 to 60 percent of the actual number of wells existing that would meet the program's responsibilities and objectives. The District's Well Plugging Program is continuing an extensive search for these wells through increasing efforts in public awareness and cooperation. The District is also increasing the scheduling of wells to be plugged to a maximum number, as each year's budget allows. Evaluation of the Program's priority criteria will be considered and followed to insure effective progress in protecting the water resource from problems resulting from uncontrolled free flowing wells.

REFERENCES

Healy, H. G., 1978, Appraisal of uncontrolled flowing artesian wells in Florida, U. S. Geological Survey WRI 78-95, 26 pages.

Munch, D. A., 1978, Improvement of water quality through a cooperative well plugging program, St. Johns River Water Management District Information Circular No. 2, 18 pages.

"Water Quality Act of 1983"

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APPENDICIES

APPENDIX A

i.

OUTLINE PROVIDED BY DEPARTMENT OF ENVIRONMENTAL REGULATION ('Subject Headings' and Page Numbers correspond with respective information in this document.)

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING 2600 BLAIR STONE ROAD BALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM GOVERNOR VICTORIA J. TSCHINKEL

SECRETARY

October 12, 1983

Mr. Doug Munch St. Johns River Water Management District Post Office Box 1429 Palatka, Florida 32077

RE: Artesian Well Plugging Workplan - 21 Dear Mr. Munch:

Part IV of the Water Quality Assurance Act directs the five water management districts to prepare inventories and workplans outlining methods and costs of plugging all abandoned artesian wells in their district by January 1, 1992. The water management districts shall submit an initial workplan to the Secretary of DER by January 1, 1984.

Enclosed is a draft format for the workplan. Please review and let me know if you have any serious problems with the contents. The level of detail and length of each water management district workplan will be proportional to the number of wells and the existence of an active well plugging program. In those districts without a district-wide inventory, cost estimates may have to be given for both known and estimated number of wells.

Another topic we need to discuss is the use of the original inventory. I have the original well schedules (in pencil) complete with photographs, wellhead diagrams and hand drawn maps from which Information Circular No. 21 was prepared. These statewide records have remained intact since 1958, so I am reluctant to start mailing originals all over the state.

A meeting in Tallahassee with all water management districts can be arranged, if you feel there is a need. Suggested dates are November 8, 9, 15, or 16. Please let me know if you would prefer to meet or discuss any problems by telephone.

Sincerely,

esti

Leslie Bell Environmental Supervisor Groundwater Section

LB/cs Enclosures cc: Rodney DeHan Greg Parker Howard Rhodes John Wehle Ed Mossier/SFWMD

A-1

Protecting Florida and Your Quality of Life

Format for Artesian Well Plugging Workplan

I.	Int	roduction	DOCUMENT SUBHEADINGS Page		
	А. В.	Brief assessment of existing problem Brief summary of any existing program	'INTRODUCTION' 1 'CONCLUSION AND SUMMARY' 20		
II.	Inv	entory			
	form. The format in cal Survey Information sed as modelsC-1				
	в.	Description of methodology used in obtaining including types of sources contacted, public verification methods			
	с.	Location and Owner of each abandoned well	••••••C-1		
		 Present by county, alphabetically by owner and latitude/longitude If inventory is already on data base, existing format may be submitted 			
	D.	Proposed Methodology for Updating Inventory	'Inventory, CONCLUSION AND SUMMARY' 9, 20		
		 Location techniques Field verification Public notification techniques 	CONCLUSION AND SUMMARY 9, 20		
III.	Wel	l Plugging Priority Schedule			
A. Criteria to be used		Criteria to be used to develop schedule:	'Priority'9		
		 Condition of casing Presence of operable valve Water quality in well and receiving aquifer Surface or subsurface flow from well Diameter of well and flow volume Surficial aquifer use in proximity to artesian well 			
	в.	Proposed Schedule	'PROPOSED SCHEDULING' 12		
			aten management districts		

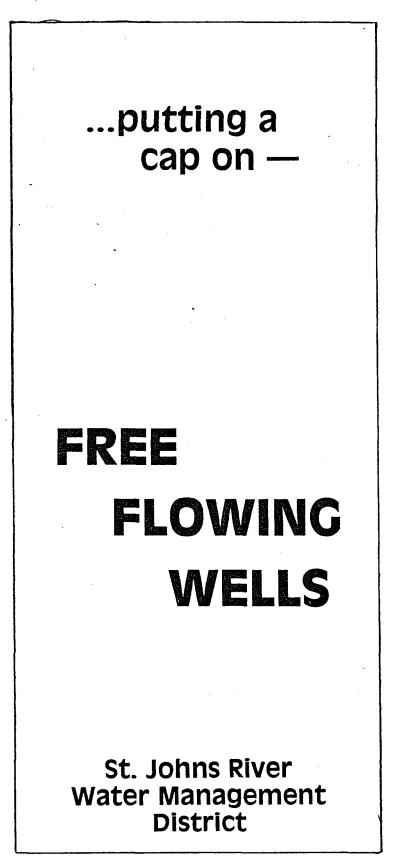
 Individual wells may be listed for the water management districts with smaller inventories. Types of wells with highest priority may be listed for water management districts with larger inventories. Format for Artesian Well Plugging Workplan Page Two

IV.	Plu	gging Met	hodology	DOCUMENT SUBHEADINGS Pag	e
	A. B. C. D.	and cont Types of Descript Timetabl		'Plugging Methodology'10 'Types of Plugs'11 ation 'COSTS'16	
v.	Cos	ts			
	А. В.	costs an Estimate	s for water management district of	'COSTS'16	18
	·	 Staf sche Staf Staf Staf Tota 1. 	f time for locating wells f time for well assessment and p dule f time for resolving any legal d f time for preparing and awarding f time for inspection, updating o l estimated cost 'Per well' cost times number of b district	ifficulties g plugging contract of inventory	
	c.	Actual P	lugging Costs	'TABLE 1, TABLE 4'17,	18
		clas 2. Tota 1.	mated average plugging cost per v sified into two or three depth gr l estimated plugging cost 'Per well' cost times number of p district	roups	
VI.	Reco	ommendati	ons		
	Α.	Need for	changes or expansion of existing	g programs	

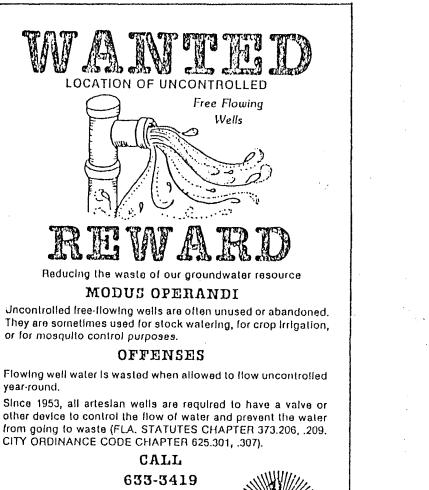
B. Other

APPENDIX B

PUBLIC INFORMATION



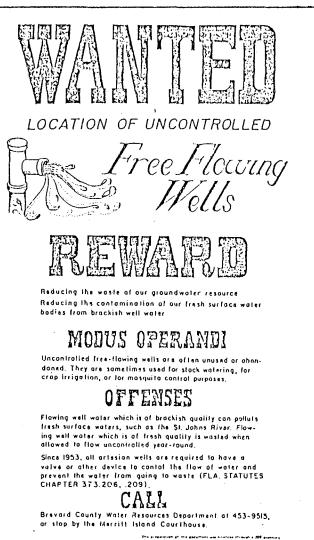
Brochure produced by St. Johns River Water Management District: A Brief Explanation of the Problems of Uncontrolled Free Flowing Wells and the District Well Plugging Program.



DEPARTMENT OF HEALTH, WELFARE AND BIO-ENVIRONMENTAL SERVICES WATER CONSERVATION

> 515 W. 6th STREET JACKSONVILLE. FLORIDA 32206





The propulsion of this decimate was linearize through a 200 parameter para fram the U-E-2 meanmanage frategrism downer, ungar (so and neural of Styline 200 of the Proving Inter Polyaian Canavar are Amongments of 1873.

Wanted Poster Produced by Cooperating Government Agencies in the District. (Reduced from 8-1/2" X 14" Originals)

RELEASE NO: 6 DATE MAILED: 4/5/81 DISTRIBUTION ATTACHED



ROUTE 2 BOX 695 PALATKA, FLORIDA 32077 TELEPHONE (904) 325-5383

INFORMATION RELEASE

April 5, 1981

For Release: Immediate

CITIZENS REQUESTED TO ASSIST IN FREE FLOWING WELL INVENTORY

Billions of gallons of fresh water are needlessly wasted each year in Florida from uncontrolled free flowing wells.

A four inch well can flow as much as 150 to 200 gallons per minute (gpm), resulting in the loss of 288,000 gallons per day (gpd), or 100 million gallons per year. A six inch free flowing well can produce as much as 500 gpm, wasting 720,000 gpd or 260 million gallons per year.

The St. Johns River Water Management District is conducting a program to locate uncontrolled free flowing wells, and to collect data on the water quality and flow rate of each well.

Persons who know the location of abandoned free flowing wells are urged to contact the District.

The purpose of the free flowing well inventory is to determine the magnitude of the problem, and to identify areas in the District most affected by water loss from the wells. Results of the inventory will ultimately be used to evaluate the cost and methods available to minimize the problem.

In addition to the needless waste of valuable groundwater resources, many wild free flowing wells contain a high salt content and cause salt water contamination of shallow aquifers, rivers, lakes and streams. Wells with damaged or eroded casing also contribute other types of pollution.

The District's well inventory is being conducted in Baker, Clay, Duval, Flagler, Indian River, Putnam, St. Johns, Seminole Citizens requested to Assist in Free Flowing Well Inventory April 5, 1981 Page two

and Volusia Counties.

The program also includes portions of Alachua, Bradford, Lake, Marion, Ckeechobee, Orange, Osceola and Polk Counties that are within St. Johns District boundaries.

Wild, free flowing wells are often located near abandoned homesteads, in old agricultural areas and in pastures. They are usually found in low lying areas, particularly near the coast and along inland rivers.

District hydrologists have identified 2 wells in Putnam County, 4 in Indian River County, 5 in Clay County, 7 in Nassau County, 8 in Flagler County, 12 in Volusia County and 20 in both Duval and Brevard Counties. It is estimated that St. Johns County has approximately 30 free flowing wells, and that Brevard has 170 wells in addition to those already cataloged.

Urban, agricultural, industrial and recreational demand for water is increasing at a rapid rate to keep pace with Elorida's expanding population. Fresh water supplies in some areas are already stressed by overdemand. Projections for the future indicate that Florida will account for one-sixth of the nations growth between the present and the year 2000.

To meet further water needs, waste must be reduced to a minimum and the quality of ground and surface water must be protected. Minimizing water loss from uncontrolled free flowing wells could conserve billions of gallons each year.

Anyone knowing the location of uncontrolled free flowing wells is asked to call or write Hydrologist, Alan Aikens, St. Johns River Water Management District, P.O. Box 1429, Palatka, Florida, 32077, or (904) 328-8321.

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APPENDIX C

INVENTORY OF FREE FLOWING AND PLUGGED WELLS

Chloride content (mg/l) Principal uses of wells Irri-Number In-Rec-0-250 251-500 501-1000 >1000 County of Wells Domestic Stock gation dustrial reation Unused Brevard Clay Duva1 Flagler Indian River 10 Lake Marion Nassau Orange Putnam St.Johns Seminole Volusia ------_ _ _ ---------------____ Totals

TALLY SHEET FOR RELATED INVENTORY DATA

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY BREVARD COUNTY

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FINZER, R.B. BR360 FLOWING DOMESTIC 28 36 21 60 50 12 - 300 2.50 220.00 9/23/75 A. P. THOMAS BR432 FLOWING IRRIGATION 28 18 30 80 44 20 - - 4.00 865.00 8/2281 ALLIS-CHALMERS CORP. BR433 FLOWING COMMERCIAL 27 55 53 80 31 38 - 898 12.00 -	GEPH LOGS
A. P. THOMAS BR432 FLOWING IRRIGATION 28 18 30 80 44 20 - - 4.00 865.00 8/ 2/21 ALLIS-CHALMERS CORF. BR423 FLOWING COMMERCIAL 27 55 53 80 31 38 - 898 12.00 - - - AQUIRINA BR437 PLUGGED UNUSED 27 55 32 80 29 37 195 439 4.00 250.00 9/14/51 AQUIRINA BR438 PLUGGED UNUSED 27 55 32 80 29 21 - - 3.00 - <t< td=""><td></td></t<>	
ALLIS-CHALMERS CORP. BF423 FLOWING COMMERCIAL 27 55 53 80 31 39 - 898 12.00 - - AQUIRINA BR437 FLUGGED UNUSED 27 55 20 80 29 37 195 439 4.00 250.00 9/14/51 AQUIRINA BR438 FLUGGED UNUSED 27 55 32 80 29 21 - - 3.00 - - - ATLANTIC RIDGE CORF BR90% FLOWING UNUSED 28 1 53 80 32 31 - - 4.00 678.00 2/24/91 BEACHWOODS BR227 FLUGGED UNUSED 28 1 35 80 32 31 - - 1.50 601.00 3/18/81 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 35 16 398 1360 1.4.00 535.00 5/21/47 BLISS (HELM) BR433 FLOWING	
AQUIRINA BR437 PLUGGED UNUSEN 27 55 20 80 29 37 195 439 4.00 250.00 9/14/51 AQUIRINA BR438 PLUGGED UNUSED 27 55 32 80 29 21 3.00 ATLANTIC RIDGE CORP BR90* FLOWING UNUSED 27 55 25 80 33 35 - 4.00 678.00 2/24/91 BEACHWOODS BR227 PLUGGED UNUSED 28 1 53 80 32 31 - - 1.50 601.00 3/18/81 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 32 31 - - 6.00 10/49.00 9/ 28/1 BOGS BR297 FLOWING IRRIGATION 28 15 25 80 39 26 105 220 660.00 8/ 2779 BOGS BR297 FLOWING IRRIGATION 27 57 </td <td></td>	
AQUIRINA BR438 PLUGGED UNUSED 27 55 32 90 29 21 - - 3.00 - - - ATLANTIC RIDGE CORP BR90* FLOWING UNUSED 27 55 32 80 33 35 - - 4.00 578.00 2/24/91 BEACHWOODS BR227 PLUGGED UNUSED 28 1 53 80 32 31 - - 1.50 601.00 3/18/81 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 32 31 - - 4.00 535.00 5/21/47 BLISS (HELM) BR433 FLOWING IRRIGATION 28 15 25 80 39 26 105 220 2.00 660.00 8/279 BUGGS ER299 FLOWING IRRIGATION 28 14 47 80 39 26 105 220 2.00 660.00 8/279 BOY SCOUTS-ORLANDO BR100 FLOWING <td< td=""><td>YES</td></td<>	YES
ATLANTIC RIDGE CORP BR90* FLOWING UNUSED 27 55 25 80 33 35 - - 4.00 678.00 2/24/91 BEACHWOODS BR227 PLUGGED UNUSED 28 1 53 80 32 31 - - 1.50 601.00 3/18/91 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 35 16 398 1360 14.00 535.00 5/21/47 BLISS (HELM) BR433 FLOWING IRRIGATION 28 15 25 80 39 26 105 220 2.00 660.00 8/279 BOGS BR299 FLOWING IRRIGATION 28 14 47 80 39 26 105 220 2.00 660.00 8/279 BOY SCOUTS-ORLANDO BR100 FLOWING IRRIGATION 28 14 47 80 35 13 - - 4.00 - - - - - - - -	
BEACHWOODS BR227 FLUGGED UNUSED 28 1 53 80 32 31 - - 1.50 601.00 3/18/81 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 32 31 - - 1.50 601.00 3/18/81 BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 32 31 - - 4.00 535.00 5/21/47 BLISS (HELM) BR433 FLOWING IRRIGATION 28 15 25 80 39 105 220 2.00 660.00 8/ 2/79 BOGGS BR299 FLOWING IRRIGATION 27 57 19 80 35 13 - - 4.00 - - - - - - - 4.00 - - - - - - - - - -	
BETHESDA RET HOME BR17* CONTROLLED UNUSED 28 1 35 80 35 16 398 1360 14.00 535.00 5/21/47 BLISS (HELM) BR433 FLOWING IRRIGATION 28 15 25 80 39 50 - - 6.00 1049.00 9/ 8/81 BUGGS BR299 FLOWING IRRIGATION 28 14 47 80 39 26 105 220 2.00 660.00 8/ 2/79 BOY SCOUTS-ORLANDO BR100 FLOWING IRRIGATION 27 57 19 80 35 13 - - 4.00 - - - - - - - 9/91 BREVARD CO. BR386 FLOWING UNUSED 28 21 23 80 40 17 - - 4.00 1060.00 4/ 9/81 BREVARD CO. DIST 3 BR101 FLOWING <td></td>	
BLISS (HELM) BR433 FLOWING IRRIGATION 28 15 25 80 39 50 - - 6.00 1049.00 9/ 8/81 BOGGS BR299 FLOWING IRRIGATION 28 14 47 80 39 26 105 220 2.00 660.00 8/ 2/79 BOGGS BR100 FLOWING RECREATION 27 57 19 80 35 13 - - 4.00 - <t< td=""><td></td></t<>	
B0665 BR299 FLOWING IRRIGATION 28 14 47 80 39 26 105 220 2,00 660,00 8/ 2/79 B07 SCOUTS-ORLANDO BR100 FLOWING RECREATION 27 57 19 80 35 13 - - 4,00 - - - - 4,00 - - - - 4,00 -	
BOY SCOUTS-ORLANDO BR100 FLOWING RECREATION 27 57 19 80 35 13 - - 4,00 -<	1.51
BREVARD CO. BR386 FLOWING UNUSED 28 21 23 80 40 17 - - 4.00 1060.00 4/ 9/91 BREVARD CO. DIST 3 BR101 FLOWING UNUSED 27 57 10 80 35 43 - 316 4.00 1400.00 5/ 5/75 BREVARD CO. M. C. BR209 FLOWING UNUSED 28 24 17 80 41 35 - - 2.00 1240.00 7/30/79 BREVARD CO. M. C. BR394 FLOWING UNUSED 28 17 46 80 40 27 - 290 3.60 1162.00 4/16/81	
BREVARD CO. DIST 3 BR101 FLOWING UNUSED 27 57 10 80 35 43 - 316 4.00 1400.00 5/ 5/75 BREVARD CO. M. C. BR209 FLOWING UNUSED 28 24 17 80 41 35 - - 2.00 1240.00 7/30/79 BREVARD CO. M. C. BR394 FLOWING UNUSED 28 17 46 80 40 27 - 290 3.00 1162.00 4/16/81	
BREVARD CO. M. C. BR209 FLOWING UNUSED 28 24 17 90 41 35 - - 2.00 1210.00 7/30/79 BREVARD CO. M. C. BR394 FLOWING UNUSED 28 17 46 80 40 27 - 290 3.00 1162.00 4/16/81	
BREVARD CO. M. C. BR394 FLOWING UNUSED 28 17 46 80 40 27 - 290 4.00 1162.00 4/16/81	
BREVARD CO, M.C. BR233 FLOWING IRRIGATION 28 17 32 80 41 55 4.00 665.00 10/ 2/80	
BREVARD CO., M.C. BR388 FLOWING IRRIGATION 28 20 17 80 41 6 4.00 1456.00 4/20/81	
BREVARD CO. M.C. BR389 FLOWING IRRIGATION 28 18 16 80 40 24 5:00 1430.00 4/16/81	
BREVARD CO. M.C. BR406 FLOWING UNUSED 28 23 27 80 40 34 - 260 4.00 1560.00 7/30/79	
BREVARD CO. M.C. BR412 FLOWING IRRIGATION 28 0 53 80 32 14 3.00 524.00 6/ 8/91	
BREVARD CO. M.C. BR430 FLOWING UNUSED 28 21 52 80 41 17 82 152 4.00 1470.00 7/31/79	
BREVARD CO, MC BR210 FLOWING UNUSED 28 22 47 80 41 5 4.00 1486.00 4/ 8/81	
BREVARD CO. MC BR213 FLOWING UNUSED 28 25 43 80 41 22 4.00 1250.00 4/ 8/81	
BREVARD CO. MC BR219 FLOWING UNUSED 28 26 43 80 43 15 4.00 2876.00 9/10/80	
BREVARD CO. MC BR238 FLOWING UNUSED 28 24 16 80 40 46 105 261 4.00 1483.00 4/ 1/81	
BREVARD CO. MC BR239 FLOWING UNUSED 28 26 52 80 43 23 3.00 2922.00 4/ 8/91	
BREVARD CO. MC BR240 FLOWING UNUSED 28 27 54 80 43 10 3.00 4309.00 4/ 8/81	
BREVARD CO. MC BR241 FLOWING UNUSED 28 26 2 80 41 45 - 172 4.00 1579.00 1/30/81	
BREVARD CO. MC BR78* PLUGGED UNUSED 27 52 8 80 27 17 102 449 4.00 180.00 7/26/79	YES
BREVARD CD. MC BR79* FLOWING UNUSED 27 52 6 80 27 25 - 466 4.00 214.00 2/ 9/80	
BREVARD CD. MC BR80* FLUGGED UNUSED 27 52 27 80 28 3 103 406 4.00 224.00 1/24/75	YES
BREVARD CD. MC BR81* FLUGGED UNUSED 27 52 31 80 28 7 103 203 4.00 221.00 9/14/80	YES
BREVARD CD. MC BR82* PLUGGED UNUSED 27 53 1 80 28 4 4.00 345.00 8/18/80	
BREVARD CO. MC BR93* FLUGGED UNUSED 27 53 5 80 28 4 103 465 4.00 250.00 10/16/80	YES
BREVARD CO, MC BR84* FLOWING UNUSED 27 53 3 80 28 15 4.00 190.00 1/27/75	
BREVARD CO. MC BR85* FLUGGED UNUSED 27 53 57 80 28 17 4.00 293.00 8/12/80	••••
BREVARD CO. MC BR86* PLUGGED UNUSED 27 54 25 80 28 38 101 358 4.00 210.00 1/28/75	YES
BREVARD CO. MC BR87# PLUGGED UNUSED 27 55 18 80 29 36 - 495 4.00 210.00 7/27/79	
BREVARD CO. MC BR88* FLOWING UNUSED 27 55 30 80 29 40 4.00 387.00 2/ 9/81	
BREVARD CO, MC BR89* FLOWING UNUSED 27 55 23 80 32 8 4.00 661.09 2/26/81	
BREVARD CO. MC BR91* PLUGGED UNUSED 27 56 9 80 30 24 - 386 4700 340.00 7/26/79	YES
BREVARD CO. MC BR92* FLOWING UNUSED 27 56 2 80 30 22 - 387 4.00 476.00 2/ 4/81	
BREVARD CD. MC BR93* FLUGGED UNUSED 27 55 28 80 30 32 103 425 4.00 370.00 8/20/80	YES
BREVARD CO. MC BR94* FLOWING UNUSED 27 57 35 80 30 48 4.00 515,00 2/10/75	
BREVARD CO. MC BR95* FLOWING UNUSED 27 58 58 80 31 18 - 329 4.00 871.00 8/25/80	
BREVARD CO. MC BR96* FLOWING UNUSED 27 58 30 80 31 9 - 346 4.00 520.00 8/25/80	
BREVARD CO. MCBR97# FLOWING UNUSED 27 58 46 80 31 21 - 346 4.00 585.00 9/25/80	

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY BREVARD COUNTY

BREWARD CO. MC BRS9F FLUMING DURGED 20 10 20 10 20 10 20 10 20 20 10 40 10 10 70 70 70 70 BREWARD COUNTY FR19 FLOUING TRETGATION 20 21 30 40 47 - 4.00 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 6/11/20 - 13/21.00 13/11/20 - 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00 13/21.00<		OWNER	WELL ID	STATUS	WELL USE	L i de m		L. DE	0 MI		CASE DEPTH	WELL DEPTH	HELL DIAM	CHLORIDE MG/L	SAMPLE DATE	GEPH Logs
BREFVARD COUNTY FRID FLOWING IKRIGATION 20 24 20 80 41 25 - - 4.00 127/1.00 6./11/80 - BREVARD COUNTY BR307 FLOWING IKRIGATION 28 21 23 20 40 47 - - 4.00 11/2 4.20 85.00 8/22/78 - BREVARD COUNTY BR307 FLOWING IKRIGATION 28 12 20 03 40 - - 4.00 11/20/74 - - 4.00 18/20 00 20 24 40 - - 4.00 18/20 00 12/20/71 - - - 4.00 18/20 12/20/72 - - - 4.00 18/20 - - 4.00 18/20 - - 4.00 18/20 - - 4.00 18/20 - - - - - - - - -		BREVARD CO. MC	BR98*	FLOWING	UNUSED	28 19	3 29	80	40	31			4,00	1070.00	9/30/80	
BREEVARD COUNTY BR129 FLOWING INRIGATION 28 12 15 16 47 - - 4.00 1352.00 6.12/09 - BREEVARD COUNTY H.G. BR309 FLOWING IKRIGATION 28 15 15 10 261 261 261 27 7 2 10 261 27.00 11.26 4/20/81 - BREVARD COUNTY BR288 FLOWING URRIGATION 28 2.7 50 37 - - 4.00 1187.00 3/11/21 - CARLICE FLAIT BR204 FLOWING URUSED 27 7 50 37 - - 4.00 128.00 7 7.00 7.17/91 - - 2.00 311/11 - - 2.00 317.01 - - 2.00 317.01 - - 2.00 317.01 - - - - - - - - - -		BREVARD CO. MC	BR99*	FLOWING	UNUSED	28 11	8 50	80	40	38		149	4.00	1050.00	7/20/77	
BREEVARD CDUNTY BR 200 FLOWING IFRIGATION 28 16 29 80 40 7 104 241 4.00 855/00 6/22/28 - BREEVARD GRUVES BR282 FLOWING IRRIGATION 28 12 20 40 7 40 - 4.00 11/76 4/20/78 - C. REISAFULL BR242 FLOWING INUSED 27 54 50 42 80 - - 4.00 187:00 11/26/72 - CATHEY LAURA BR246 FLOWING INUSED 27 57 50 80 42 33 - - 3.00 12/00 10/00 0 1/26/77 - CATHEY LAURA BR243 FLOWING IRRIGATION 28 42 33 14 - 60 12/00 - - - - - - - - - - - - - - - - - - -		BREVARD COUNTY	BR151	FLOWING	IRRIGATION	28 2	4 20	80	41	35	****		4.00	1771.00	3/11/80	****
BREEVARD COUNTY N. C. BR331 FLOUING IRRIGATION 28 19 21 80 53 - - 4.09 11.74 4/20/81 - C. CRISGRULL BR248 FLOUING UNUSED 28 2 20 57 37 0 11.74 4/20 31.1/28 - CARLIE BR266 FLOUING UNUSED 28 20 4 80 32 28 - - 3.00 75.00 11/28/70 - - 4.00 1887.00 11/28/70 - - 4.00 1887.00 11/28/70 - - 4.00 12/207 - - - 4.00 2455.00 3/11/81 - - - 4.00 2455.00 3/11/81 - - - 4.00 2455.00 3/11/81 - - - 4.00 252.00 3/11/81 - - - - - - - - - - - <		BREVARD COUNTY	BR199	FLOWING	IRRIGATION	28 23	2 13	80	40	47	••••		4.00	1352.00	6/12/80	***
BNEEVARD BR204 FLDMING IRRIGATION 27 54 22 80 40 - - 4.00 1220779 - CARLSFULL BR204 FLDMING UNUSED 27 45 60 42 - - 3.00 1287.00 11/287/8 - CATHEY LAURA BR304 FLDMING IRRIGATION 28 45 80 42 33 - - 3.00 24255.00 4/257/7 - CHARLSCRISSFULL BR244 FLDMING PUBLIC 28 2 80 42 33 - - 4.00 2425.00 4/27/7 - <td< td=""><td></td><td>BREVARD COUNTY</td><td>BR300</td><td>FLOWING</td><td>IRRIGATION</td><td>28 1</td><td>6 59</td><td>80</td><td>40</td><td>7</td><td>104</td><td>261</td><td>4.00</td><td>865.00</td><td>8/22/78</td><td>••••</td></td<>		BREVARD COUNTY	BR300	FLOWING	IRRIGATION	28 1	6 59	80	40	7	104	261	4.00	865.00	8/22/78	••••
C. CRISAFUL DR22 FLDUING UNUSED 22 24 25 24 26 23 25 24 26 23 26 25 24 26 23 26 25 <		BREVARD COUNTY M. C.	BR391	FLOWING	IRRIGATION	28 19	9 21	80	40	53			4.00	11.76	4/20/81	
CARLYLE FLATT BR268 FLOUING UNUSED 27 27 43 59 28 - - 3.09 756.00 11/28/28 - - 3.09 756.00 11/28/28 - - 3.00 756.00 11/28/28 - - 3.00 756.00 11/28/28 - - 3.00 756.00 11/28/28 - - 3.00 757.00 4/257.90 - - 3.00 757.97 - - - 3.00 757.97 - - - 0.00 72.00 74.00 72.07 - - - - 0.00 72.00 74.00 74.00 74.00 74.01 74.00 74.00 74.01 74.00		BREVARD GROVES	BR288	FLOWING	IRRIGATION	27 5/	4 22	80	37	40	••••		4+00	200,00	11/20/79	
CATHEY LAURA FR308 FLOBING IRRIGATION 26 20 4 30 - - 2.00 910.00 10/0.00 10/0.79 - CHARLES CRISSFULLI F243 FLOBING UNISED 28 24 23 80 42 33 - - 4.00 2455.00 4/1/181 - CORRIGAM FR243 FLOBING UNISED 28 24 23 80 43 - - 4.00 2455.00 4/1/181 -		C. CRISAFULL	BR242	FLOWING	UNUSED	28 20	6 24	80	42	48			4.00	1887.00	3/11/81	
CECLL PLATT BR322 FLOBING IKRIGATION 28 4 45 30 42 33 - - 4.00 220.00 4/25/79 - CHARLES CRISSFULL BP331 FLOBING PUBLIC 28 7.58 B0 38 14 - 600 12:00 - 0 600 571.77 - - - - - 0 600 571.77 - - - 0 600 571.77 - - - 0 600 571.77 - - - 0 600 571.77 0 371.75 - 12.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 <		CARLYLE PLATT	BR266	FLOWING	UNUSED	27 51	7 45	80	39	28	••••		3.00	756.00	11/28/78	
CHARLES CRISAFULLI PE243 FLOWING UNISED 28 28 28 24 25 -		CATHEY LAURA	BR308	FLOWING	IRRIGATION	28 20	5 4	80	41	30			2.00	810.00	10/ 6/80	
CITY OF MELBOURNE PRS14 FLOWING PUBLIC 28 7 58 80 33 40 - 600 12.00 - - - - - - 0.00 57.18 - - - 0.00 57.18 - - 0.00 57.18 - - 0.00 57.18 - - 0.00 57.18 - - 0.00 57.18 - - 0.00 58 0.0 53 0 - - 0.00 57.18 75 22 28 03 33 0 3 0 - - 2.00 500.00 57.18 0.00 75.00 57.18 75.00 <		CECIL PLATT	BR372	FLOWING	IRRIGATION	28 4	4 45	80	42	33			8,00	720,00	4/25/79	
CORRIGAN ER246 FLOUING IFRIGATION 22 42 30 35 18 - - - 2.00 600.00 5/18/79 - DOVENPORT BR103 FLOUING INUEPD 27 58 10 80 35 3 - - 4.60 - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - - 2.00 520.00 6/18/79 - - - 2.00 7/18/71 - D D D 500.00 1/12/181 - - - - 1.00 7/11/181 - - - - - - - - - - - - -		CHARLES CRISAFULLI	BR243	FLOWING	UNUSED	28 20	5 23	80	42	57			4.00	2455.00	3/11/81	
COYLE 412 SUNSET BLU FR436 FLOWING IRRIGATION 28 4 0 - - 2.00 529.00 8/24/81 - DOVENPORT RR10 FLOWING IRRIGATION 27 58 10 80 35 3 - - 2.00 508.00 6/9/81 - DEER RUN BR247 FLOWING IRRIGATION 27 52 58 08 32 - - 2.00 735.00 4/9/81 - DEER RUN BR247 FLOWING IRRIGATION 27 52 58 08 32 - - 2.00 735.00 3/11/81 - DEER RUN BR247 FLOWING STOCK 27 52 780 08 51 - 4.00 748.00 4/7 791 - - 4.00 741.00 4/7 791 - - 4.00 741.00 4/0 741.00 4/0 741.00 721.77 - - - - - - - - - - - -<		CITY OF MELBOURNE	BR351	FLOWING	PUBLIC	28	7 58	63	38	14	****	600	12.00			
DeVENPORT PR103 FLOUING UNUSED 27 56 10 80 35 3 - - 4.60 - 200 723 213 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7<		CORRIGAN	BR246	FLOWING	IRRIGATION	27 4	9 33	80	35	18			5.00	600.00	5/18/79	
DE UNCI INC. BR411 FLOUING IRRIGATION 27 22 28 03 1 2 - - 2.00 760.00 3/9.75 - DEER RUN BR248 FLOUING IRRIGATION 27 52 53 80 38 2 - 379 4.00 705.00 3/12/81 - DEER RUN BR247 FLOUING IRRIGATION 27 52 53 80 35 2 - 379 4.00 705.00 3/12/81 - DEER RUN BR235 FLOUING IRRIGATION 27 52 7 80 35 - - 305 4.00 74.00 74/14 - DESERET RANCH BR231 FLOUING RECRET 27 27 81 80 41 7 - - 4.00 74.01 74.01 74.02 74.01 - - - - - - - - - -<		COYLE 412 SUNSET BLV	BR436	FLOWING	IRRIGATION	28 4	4 20.	80	33	40			2.00	520.00	8/24/81	
DEER RUN BR247 FLOWING STOCK 27 27 28 80 38 23 - - 2.00 745.00 4/4 875.0 - 875.0 745.00 747.00 745.00 747.00 747.00 745.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.00 747.		DAVENPORT	BR103	FLOWING	UNUSED	27 5(8 10	80	35	3			6.00			
DEER RUN BR249 FLOWING INRIGATION 27 25 23 90 30 32 - 379 6.00 705:00 3/12/81 - DEER RUN BR249 FLOWING INRIGATION 27 52 55 50 35 6.00 735:00 3/11/81 - DEER RUN BR233 FLOWING INRIGATION 27 52 75 80 35 1 - 680 6.00 736:00 3/11/81 - DESERET RANCH BR231 FLOWING STOCK 28 36 80 40 3 - - 4.00 214.00 2/7/71 - UNR-PARKS AND REC. BR33 FLOWING INMESED 28 18 80 40 54 - - 2.00 120.00 2/21.727 - - - 4.00 - - 2.00 120.00 2/21.727 - - 2.00 120.00 2/21.727 -		DE VINCI INC.	BR411	FLOWING	IRRIGATION	27 58	8 22	80	31	2			5.00	508.00	6/ 8/81	
IDEER RUN BR249 FLOWING STOCK 22 52 55 80 38 50 - 305 6.00 735 0 311 74 DEER RUN BR231 FLOWING IRRGATION 27 52 7 80 37 51 - 680 6.00 768.00 3/11/81 - DESERET RANCH BR231 FLOWING STOCK 28 51 80 47 - - 4.00 3/1.00 3/1.781 -		DEER RUN	BR247	FLOWING	STOCK	27 33	2 26	80	38	23			2.00	745.00	47 8775	
DEER RUN BR253 FLOWING IRRIGATION 27 52 7 80 37 51 - 480 6.00 768.00 3/11/81 - DESERET RANCH BR231 FLOWING STOCK 28 5 36 80 46 43 - 4.00 341.00 2/ 791 - UNR-PARKS AND REC. BR410 FLUGED DUNESTIC 28 218 80 41 7 - - 4.00 341.00 2/ 721/7 - E. L. ROGERS BR237 FLOWING UNUSED 28 18 23 80 40 54 - - 2.00 1100.00 7/21/77 - FLA. STATE MATHERS B BR373 FLOWING UNUSED 28 5 36 36 24 - - 2.00 1100.00 7/21/77 - FLA. STATE MATHERS B BR373 FLOWING UNUSED 28 5 36 36 <t< td=""><td>)</td><td>DEER RUN</td><td>BR248</td><td>FLOWING</td><td>IRRIGATION</td><td>27 53</td><td>2 53</td><td>80</td><td>38</td><td>32</td><td></td><td>399</td><td>6.00</td><td>705.00</td><td>3/12/81</td><td>••••</td></t<>)	DEER RUN	BR248	FLOWING	IRRIGATION	27 53	2 53	80	38	32		399	6.00	705.00	3/12/81	••••
DESERT RANCH BR231 FLOWING STOCK 28 5 34 60 44 - 4.00 361.00 4/7/21 - DNR-PARKS AND REC. BR410 PLUGED UNUSED 27 52 17 80 27 21 81 372 4.00 214.00 2/9/81 YES DRAMDY BR371 FLOWING RECREATION 27 52 18 90 41 7 - 4.00 214.00 2/9/81 YES E. L. ROGERS BR373 FLOWING NERSED 28 18 23 90 40 22 - - 4.00 102.00 1/1/80 - <td>,</td> <td>DEER RUN</td> <td>BR249</td> <td>FLOWING</td> <td>STOCK</td> <td>27 50</td> <td>2 55</td> <td>80</td> <td>38</td> <td>50</td> <td></td> <td>305</td> <td>6.00</td> <td>235+00</td> <td>3711781</td> <td></td>	,	DEER RUN	BR249	FLOWING	STOCK	27 50	2 55	80	38	50		305	6.00	235+00	3711781	
DWR-PARKS AND REC. BR410 PLUGED UNUSED 27 21 80 27 21 81 392 4.00 214.00 27 921 YES URAMDY BR371 FLOWING NOMESTIC 28 2 18 80 41 7 - - 4.00 - <td></td> <td>DEER RUN</td> <td>BR253</td> <td>FLOWING</td> <td>IERIGATION</td> <td>27 53</td> <td>2 7</td> <td>80</td> <td>39</td> <td>51</td> <td>****</td> <td>680</td> <td>6,00</td> <td>768.00</td> <td>3/11/81</td> <td></td>		DEER RUN	BR253	FLOWING	IERIGATION	27 53	2 7	80	39	51	****	680	6,00	768.00	3/11/81	
DRAWDY BR371 FLOWING DOMESTIC 28 2 18 80 41 7 - - 4.00 - <		DESERET RANCH	BR231	FLOWING	STOCK	28 3	5 36	80	46	43			4,00	361.00	4/ 7/81	
E. L. RÜGERS BR 291 FLOWING RECREATION 27 59 51 90 31 36 - 800 2.00 526.00 10/1/1/80 - E. L. WEGERIF BR 397 FLOWING UNUSED 28 18 23 80 40 54 - - 2.00 1100.00 7/21/77 - FLA. STATE MATHERS B R377 FLOWING UNUSED 28 8 57 80 36 24 - - 2.00 - - - GUC-CARLYLE FLATT BR275 FLOWING STOCK 27 58 16 80 42 4 - - 4.00 481.00 4/1/81 - GUC-CARLYLE FLATT BR275 FLOWING UNUSED 28 0 30 80 39 30 - - 3.00 689.00 11/27/78 - - 600 581.00 41/81 - - 2.00 735.00 4/14/81 - - 600 57.57 - - - 0.00 57.57		DNR-PARKS AND REC.	BR410	PLUGGED	UNUSED	27 53	2 17	80	27	21	81	392	4.00	214.00	2/ 9/81	YES
E. L. WEGERIF BR390 FLOWING UNUSED 26 18 23 80 40 54 2.00 1100.00 7/21/77 FLAS STATE MATHERS B B B 37 FLOWING UNUSED 28 8 57 80 36 24 4.00 1022.00 4/16/31 GDC-CARLYLE PLATT BR377 FLOWING STOCK 27 58 12 90 42 18 4.00 481.00 3/31/81 GDC-CARLYLE PLATT BR274 FLOWING STOCK 27 58 12 90 42 18 4.00 481.00 3/31/81 GDC-LOTFOR SALE BR345 FLOWING UNUSED 28 0 30 80 32 4.00 481.00 4/14/81 GEN. DEV. CORP. BR305 FLOWING UNUSED 28 132 80 43 27 368		URAWDY	BR371	FLOWING	DOMESTIC	28 :	2 18	80	41	7	·		4.00			
FELGER BR393 FLOWING UNUSED 28 16 48 80 40 22 - - 4.00 1022.00 4/16/81 - FLA. STATE MATHERS B BR393 FLOWING UNUSED 28 8 57 80 36 24 - - 2.00 -		E. L. ROGERS	BR291	FLOWING	RECREATION	27 59	9 51	30	31	36		800	5,00	526.00	10/ 1/80	
FLA. STATE MATHERS B BR379 FLOWING UNUSED 28 8 57 80 36 24 2.00 -			BR390	FLOWING	UNUSED	28 18	8 23	80	40	54			2,00			
GDC-CARLYLE PLATT BR274 FLOWING STOCK 27 58 12 80 42 18 - - 6.00 581.00 3/31/81 - GDC-CARLYLE PLATT BR275 FLOWING STOCK 27 58 16 80 42 34 - - 4.00 481.00 4/1/81 - GDC-LARLYLE PLATT BR365 FLOWING UNUSED 28 0 30 80 39 0 - - 4.00 481.00 4/1/81 - GEN. DEV. CORP. BR365 FLOWING UNUSED 27 55 12 80 44 58 - - 2.00 285.00 4/14/81 - GEN. DEV. CORP. BR367 FLOWING UNUSED 26 23 20 34 58 - - 4.00 247.00 4/3/81 - GEN. DEVELOP. CORP. BR226 FLOWING UNUSED 27 58 25 42 10 - - 4.00 747.00 4/3/81 - GEN. DEVE		FELGER	BR393	FLOWING	UNUSED	28 - 16	5 48	80	40	23			4.00	1022.00	4/16/81	
GDC-CARLYLE PLATT BR275 FLOWING STOCK 27 58 16 80 42 34 - - 4.00 481.00 47 1/81 - GDC-LOT FOR SALE BR431 FLOWING UNUSED 28 0 30 80 39 30 - - 3.00 689.00 11/27/78 - GEN. DEV. CORP. BR365 FLOWING UNUSED 27 55 12 80 41 22 - - 2.00 735.00 4/14/81 - GEN. DEV. CORP. BR365 FLOWING UNUSED 28 132 80 44 58 - - 2.00 850.00 57.57.5 - GEN. DEVELOP. CORP. BR225 FLOWING UNUSED 27 58 25 80 42 10 - - 4.00 747.00 4/3/81 - GEN. DEVELOP. CORP. BR226 FLOWING UNUSED 27 54 59 80 41 1 - 368 6.00 714.00 4/3/81 - <td></td> <td>FLA. STATE MATHERS B</td> <td>BR379</td> <td>FLONING</td> <td>UNUSED</td> <td>-28 - 6</td> <td>3 57</td> <td>80</td> <td>36</td> <td>24</td> <td></td> <td></td> <td>2,00</td> <td></td> <td></td> <td></td>		FLA. STATE MATHERS B	BR379	FLONING	UNUSED	-28 - 6	3 57	80	36	24			2,00			
GDC-LOT FOR SALE BR431 FLOWING UNUSED 28 0 30 - - 3.00 689.00 11/27/78 - GEN. DEV. CORP. BR365 FLOWING UNUSED 27 55 12 80 41 22 - - 2.00 735.00 4/14/81 - GEN. DEV. CORP. LAWN BR365 FLOWING JRRIGATION 28 1 32 80 34 58 - - 2.00 735.00 4/14/81 - GEN. DEV. CORP. LAWN BR370 FLOWING JRRIGATION 28 1 32 80 34 27 - - 2.00 595.00 4/28/81 - GEN. DEVELOP. CORP. BR225 FLOWING STOCK 27 58 35 80 42 19 - 266 4.00 714.00 4/3/81 - GEN. DEVELOP. CORP. BR258 FLOWING UNUSED 27 55 30 80 40 50 - 350 6.00 712.00 3/17/81 -		GDC-CARLYLE PLATT		FLOWING	STOCK	27 58	3 12	80	42	18			6,00	581.00	3/31/91	
GEN, DEV, CORP. BR365 FLOWING UNUSED 27 55 12 80 41 22 - - 2.00 735.00 4/14/81 - GEN, DEV, CORP, LAWN BR365 FLOWING JRRIGATION 28 1 32 80 34 58 - - 2.00 850.00 5/ 5/75 - GEN, DEV, FLOD, CORP BR370 FLOWING UNUSED 28 2 32 80 34 58 - - 2.00 850.00 5/ 5/75 - GEN, DEVELOF, CORP, BR370 FLOWING UNUSED 28 2 32 80 43 27 - 368 5.00 5/5.00 4/14/81 - GEN, DEVELOF, CORP, BR226 FLOWING STOCK 27 58 35 80 42 19 - 266 4.00 714.00 4/3 381 - GEN, DEVELOP, CORP, BR258 FLOWING UNUSED 27 55 30 80 40 11 - 346 6.00 712.00 3/17/8		GDC-CARLYLE PLATT	BR275	FLOWING	STOCK	27 58	3 16	80	42	34			4.00	481.00	47 1781	
GEN. DEV, CORP. LAWN BR369 FLOWING JRRIGATION 28 1 32 80 34 59 - - 2.00 950.00 57 5775 - GEN. DEV, FLOD, CORP BR370 FLOWING UNUSED 26 2 32 80 43 27 - 368 5.00 595.00 4/28/81 - GEN. DEVELOP, CORP, BR225 FLOWING STOCK 27 58 35 90 42 10 - - 4.00 747.00 4/ 3/81 - GEN, DEVELOP, CORP, BR226 FLOWING UNUSED 27 58 35 90 42 19 - 266 4.00 714.00 4/ 3/81 - GEN, DEVELOP, CORP, BR258 FLOWING UNUSED 27 55 30 80 40 11 - 348 6.00 712.00 3/17/81 - GEN, DEVELOP, CORP, BR260 FLOWING UNUSED 27 55 280 40 24 - 389 2.00 701.00 3/17/81 - <t< td=""><td></td><td>GDC-LOT FOR SALE</td><td>BR431</td><td>FLOWING</td><td>UNUSED</td><td>28 (</td><td>0 30 C</td><td>80</td><td>39.</td><td>30</td><td></td><td></td><td>3.00</td><td></td><td>11/27/78</td><td></td></t<>		GDC-LOT FOR SALE	BR431	FLOWING	UNUSED	28 (0 30 C	80	39.	30			3.00		11/27/78	
GEN. DEV. FLOD. CORP BR370 FLOWING UNUSED 26 2 32 80 43 27 - 368 5.00 595.00 4/28/81 - GEN. DEVELOP. CORP. BR225 FLOWING STOCK 27 58 25 80 42 10 - - 4.00 747.00 4/3/81 - GEN. DEVELOP. CORP. BR226 FLOWING STOCK 27 58 35 80 42 19 - 266 4.00 714.00 4/3/81 - GEN. DEVELOP. CORP. BR258 FLOWING UNUSED 27 54 59 80 40 1 - 348 6.00 712.00 3/17/81 - GEN. DEVELOP. CORP. BR259 FLOWING UNUSED 27 55 2 80 40 50 - 369 2.00 71.00 3/17/81 - GEN. DEVELOP. CORP. BR260 FLOWING UNUSED 27 55 43 80 41 35 - - 4.00 718.00 3/17/81 - GEN. DEVELOP. CORP. BR264 <td< td=""><td></td><td></td><td>BR365</td><td>FLOWING</td><td>UNUSED</td><td>27 55</td><td>5 12</td><td>80</td><td>41</td><td>22</td><td></td><td></td><td>2.00</td><td>735.00</td><td>4/14/81</td><td></td></td<>			BR365	FLOWING	UNUSED	27 55	5 12	80	41	22			2.00	735.00	4/14/81	
GEN, DEVELOF, CORF. BR225 FLOWING STOCK 27 58 25 80 42 10 - - 4.00 747.00 4/ 3/81 - GEN, DEVELOF, CORP. BR226 FLOWING STOCK 27 58 35 80 42 19 - 266 4.00 714.00 4/ 3/81 - GEN, DEVELOF, CORP. BR258 FLOWING UNUSED 27 54 59 80 40 11 - 348 6.00 712.00 3/17/81 - GEN, DEVELOF, CORF, BR259 FLOWING UNUSED 27 55 30 80 40 50 - 350 6.00 695.00 3/17/81 - GEN, DEVELOF, CORF, BR260 FLOWING UNUSED 27 55 48 80 41 35 - - 4.00 718.00 3/17/81 - GEN, DEVELOF, CORF, BR261 FLOWING UNUSED 27 55 48 80 41 45 - - 6.00 718.00 3/19/81 <t< td=""><td></td><td>GEN. DEV. CORP. LAWN</td><td>BR369</td><td>FLOWING</td><td>IRRIGATION</td><td></td><td></td><td>80</td><td>34</td><td>58</td><td></td><td></td><td>2,00</td><td>850.00</td><td>57 5775</td><td></td></t<>		GEN. DEV. CORP. LAWN	BR369	FLOWING	IRRIGATION			80	34	58			2,00	850.00	57 5775	
GEN, DEVELOP, CORP. BR226 FLOWING STOCK 27 58 35 80 42 19 - 266 4.00 714.00 4/ 3/81 - GEN, DEVELOP, CORP. BR258 FLOWING UNUSED 27 54 59 80 40 11 - 348 6.00 712.00 3/17/81 - GEN, DEVELOP, CORP. BR259 FLOWING UNUSED 27 55 30 80 40 50 - 350 6.00 695.00 3/17/81 - GEN, DEVELOP, CORP. BR260 FLOWING UNUSED 27 55 2 80 40 24 - 389 2.00 701.00 3/17/81 - GEN, DEVELOP, CORP, BR261 FLOWING UNUSED 27 55 43 80 41 35 - - 4.00 718.00 3/17/81 - GEN, DEVELOP, CORP, BR262 FLOWING UNUSED 27 55 43 80 41 35 - - 4.00 718.00 3/19/81		GEN, DEV, FLOD, CORP.	BR370	FLOWING	UNUSEB	28 3	2 32	80	43	27	•**	368	5.00	595,00	4/28/81	
GEN. DEVELOP. CORF. BR258 FLOWING UNUSED 27 54 59 80 40 11 - 348 6.00 712.00 3/17/81 - GEN. DEVELOP. CORP. BR259 FLOWING UNUSED 27 55 30 80 40 50 - 350 6.00 695.00 3/17/81 - GEN. DEVELOP. CORP. BR260 FLOWING UNUSED 27 55 2 80 40 24 - 389 2.00 701.00 3/17/81 - GEN. DEVELOP. CORP. BR261 FLOWING UNUSED 27 55 43 80 41 35 - - 4.00 718.00 3/17/81 - GEN. DEVELOP. CORP. BR262 FLOWING UNUSED 27 55 48 80 41 35 - - 4.00 718.00 3/17/81 - GEN. DEVELOP. CORP. BR262 FLOWING UNUSED 27 55 48<				FLOWING	STOCK								4.00			
GEN, DEVELOP, CORP. BR259 FLOWING UNUSED 27 55 30 80 40 50 - 350 6.00 695.00 3/17/81 - GEN, DEVELOP, CORF. BR260 FLOWING UNUSED 27 55 2 80 40 24 - 389 2.00 701.00 3/17/81 - GEN, DEVELOP, CORF. BR261 FLOWING UNUSED 27 55 48 80 41 35 - - 4.00 718.00 3/17/81 - GEN, DEVELOP, CORF. BR262 FLOWING UNUSED 27 55 48 80 41 35 - - 4.00 718.00 3/17/81 - GEN, DEVELOP, CORF. BR262 FLOWING UNUSED 27 55 46 80 41 45 - - 6.00 715.00 3/19/81 - GEN, DEVELOP, CORF. BR263 FLOWING UNUSED 27 56 50 41 21 - - 2.50 688.00 3/19/81 -<		GEN, DEVELOP, CORP,	BR226	FLOWING	STOCK	27 5(3 35	80	42	19		266	4.00	714.00	4/ 3/81	
GEN, DEVELOP, CORF, BR260 FLOWING UNUSED 27 55 2 80 40 24 - 389 2,00 701.00 3/17/81 - GEN, DEVELOP, CORP, BR261 FLOWING UNUSED 27 55 43 80 41 35 - - 4.00 718.00 3/17/81 - GEN, DEVELOP, CORP, BR262 FLOWING UNUSED 27 55 46 80 41 45 - - 6.00 715.00 3/19/81 - GEN, DEVELOP, CORP, BR263 FLOWING UNUSED 27 56 30 80 41 21 - - 2.00 715.00 3/19/81 - GEN, DEVELOP, CORP, BR263 FLOWING UNUSED 27 56 50 41 21 - - 2.50 568.00 3/18/81 - GEN, DEVELOP, CORP, BR265 FLOWING UNUSED 27 56 48 90 42 21 - 322 4.00 55.00 3/18/81 - </td <td></td> <td>GEN. DEVELOP. CORP.</td> <td>BR258</td> <td>FLOWING</td> <td>UNUSED</td> <td></td>		GEN. DEVELOP. CORP.	BR258	FLOWING	UNUSED											
GEN. DEVELOP. CORP. BR261 FLOWING UNUSED 27 55 48 80 41 35 - - 4.00 718.00 3/19/81 - GEN. DEVELOP. CORP. BR262 FLOWING UNUSED 27 55 46 80 41 45 - - 6.00 715.00 3/19/81 - GEN. DEVELOP. CORP. BR263 FLOWING UNUSED 27 56 30 80 41 21 - - 6.00 715.00 3/19/81 - GEN. DEVELOP. CORP. BR263 FLOWING UNUSED 27 56 50 41 21 - - 2.00 3/19/81 - GEN. DEVELOP. CORP. BR264 FLOWING UNUSED 27 56 50 41 21 - - 2.50 568.00 3/18/81 - GEN. DEVELOP. CORP. BR265 FLOWING IRRIGATION 27 56 48 41 41 - 299 3.00 3/23/81 - GEN. DEVELOP. CORP. BR267 <td></td> <td>***</td>																***
GEN, DEVELOP, CORF, BR262 FLOWING UNUSED 27 55 46 80 41 45 - - 6.00 715.00 3/19/81 - GEN, DEVELOP, CORP, BR263 FLOWING UNUSED 27 56 30 80 41 21 - - 2.00 728.00 3/19/81 - GEN, DEVELOP, CORP, BR264 FLOWING UNUSED 27 56 56 90 41 21 - - 2.50 568.00 3/18/81 - GEN, DEVELOP, CORP, BR265 FLOWING IRRIGATION 27 56 48 90 42 21 - - 2.50 565.00 3/18/81 - GEN, DEVELOP, CORP, BR265 FLOWING IRRIGATION 27 56 48 90 42 21 - 322 4.00 655.00 3/18/81 - GEN, DEVELOP, CORP, BR267 FLOWING UNUSED 27 57 46 90 41 16 299 3.00 758.00 3/23/81 - GEN, DEVELOP, CORP, BR276 FLOWI				FLOWING	UNUSED							389				
GEN, DEVELOP, CORP. BR263 FLOWING UNUSED 27 56 30 80 41 21 - - 2.00 728.00 3/19/81 - GEN, DEVELOP, CORP. BR264 FLOWING UNUSED 27 56 56 80 41 21 - - 2.50 568.00 3/18/81 - GEN, DEVELOP, CORP. BR265 FLOWING IRRIGATION 27 56 48 80 42 21 - 322 4.00 655.00 3/18/81 - GEN, DEVELOP, CORP. BR267 FLOWING UNUSED 27 57 46 80 41 16 - 299 3.00 758.00 3/23/81 - GEN, DEVELOP, CORP. BR267 FLOWING UNUSED 27 57 56 80 38 20 - 0.00 725.00 3/23/81 - GEN, DEVELOP, CORP. BR276 FLOWING UNUSED 27 57 56 80 38 20 - 0.00 725.00 3/20/81 - </td <td></td>																
GEN, DEVELOP. CORP. BR264 FLOWING UNUSED 27 56 56 80 41 21 - - 2.50 568.00 3/18/81 - GEN, DEVELOP. CORP. BR265 FLOWING IRRIGATION 27 56 48 80 42 21 - 322 4.00 655.00 3/18/81 - GEN. DEVELOP. CORP. BR267 FLOWING UNUSED 27 57 46 80 41 16 - 299 3.00 758.00 3/23/81 - GEN. DEVELOP. CORP. BR276 FLOWING UNUSED 27 57 56 80 38 20 - - 0.00 725.00 3/30/81 -																
GEN, DEVELOP, CORP. BR265 FLOWING IRRIGATION 27 56 48 80 42 21 - 322 4.00 655.00 3/18/81 - GEN, DEVELOP, CORP. BR267 FLOWING UNUSED 27 57 46 80 41 16 - 299 3.00 758.00 3/23/81 - GEN, DEVELOP, CORP. BR276 FLOWING UNUSED 27 59 56 80 38 20 0.00 725.00 3/30/81 -				FLOWING	UNUSED											
GEN, DEVELOP, CORP, BR267 FLOWING UNUSED 27 57 46 80 41 16 - 299 3.00 758.00 3/23/91 - GEN, DEVELOP, CORP, BR276 FLOWING UNUSED 27 59 56 80 38 20 - 0.00 725.00 3/30/81 -		GEN, DEVELOP, CORP.	BR264	FLOWING	UNUSED											****
GEN, DEVELOP, CORP. BR276 FLOWING UNUSED 27 59 56 80 38 20 - 0.00 725.00 3/30/81 -																
GEN, DEVELOP, CORP, BR277 FLOWING UNUSED 27 59 55 80 39 40 4.00 718.00 3/28/81 -																• •
		GEN, DEVELOP, CORP,	BR277	FLOWING	UNUSED	27 59	7 55	€0	39	40			4.00	718.00	3/23/81	

ST. JOHNS RIVER WATEP MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY BREVARD COUNTY

GFN, DEVELOP, COSP., BR278 FL20HING UNIVEFD 27 59 26 80 41 36 - - - 4,00 845,00 2/3/2/91 - GEN, DEVELOP, COSP., BR285 FL00HING UNIVEFD 27 60 41 80 41 25 - 3.55 4.00 241.00 3/23/21 - GEN, DEVELOP, COSP., BR285 FL00HING UNIVEFD 27 57 55 4.0 60 41 - - 4.00 641.00 3/23/21 - GREENBL BF244 FL00HING IRREGATION 27 57 55 80 41 41 - - 4.00 641.00 3/24/21 - GREENBL BF244 FL00HING IRREGATION 27 57 55 80 42 7 120 623.00 641.00 3/24/21 - 120.00 3/24/20 - - 4.00 9/34.00 3/24/21 - - 120.00 3/24/20 - - 4.00 9/34.00 3/24/20 - - 120.00 3/24/20 - - 120.00 3/24/20 - - 120.00 <t< th=""><th>OWNER</th><th>NELL ID</th><th>STATUS</th><th>WELL USE</th><th>L DE</th><th>A MI</th><th>T SE</th><th></th><th>0 MI</th><th></th><th>CASE DEPTH</th><th>MELL DEP'TH</th><th>uell Diam</th><th>CHLORIDE MGZL</th><th>SAMPLE DATE</th><th>GEPH LOGS</th></t<>	OWNER	NELL ID	STATUS	WELL USE	L DE	A MI	T SE		0 MI		CASE DEPTH	MELL DEP'TH	uell Diam	CHLORIDE MGZL	SAMPLE DATE	GEPH LOGS
JEFN. BEVELDP, CDRFP, BR28F FLODING UNUSED 22 0 41 60 132 - 338 4.00 448.00 472/2/29 - GEN. DEVELOP, CDRFP, BR28F FLODING UNUSED 27 56 16 60 17 - 4.00 472/2/29 - GEN. DEVELOP, CDRFP, BR34 FLODING UNUSED 27 57 25 00 11 1 - - 4.00 472/2/29 - UDUED CORF, BR34 FLODING IRRIGHTUN 28 3 48 03 41 - - 20.0 445.00 371/2/29 - GUUED STOCK 27 52 30 42 120 435.00 445.00 371/2/29 - - 445.00 472/29 - - 445.00 472/29 - - 465.00 471/20 472/20 - - 470.00 471/20 472/20 - - 470.00 471/20 472/20 - 472/20 471.00 470.00 <t< td=""><td>GEN. DEVELOP. CORP.</td><td>BR278</td><td>FLOWING</td><td>UNUSED</td><td>27</td><td>59</td><td>26</td><td>80</td><td>41</td><td>46</td><td></td><td></td><td>4.00</td><td>445.00</td><td>3/30/01</td><td></td></t<>	GEN. DEVELOP. CORP.	BR278	FLOWING	UNUSED	27	59	26	80	41	46			4.00	445.00	3/30/01	
GEN. DEVELOP. CORP. BR230 FLOWING UNUSED 29 0 7 90 13 - 4.00 401.00 3.225/31 - GEN. DEVELOP. CORP. BR301 FLOWING IRRIGATION 27 57 16 00 41 - - 4.00 401.00 3.224/81 - GER. DEVELP. CORP. BR244 FLOWING IRRIGATION 27 57 25 80 41 - - 4.00 401.00 3.224/81 - - 4.00 401.00 3.224/81 - - 4.00 401.00 3.224/81 - - 4.00 401.00 3.224/81 - - 4.00 401.00 3.224/81 - - 4.00 101.10/30 - - 4.00 101.10/30 - - 4.00 101.10/30 - - 4.00 101.10/30 - - 4.00 101.10/30 - - 4.00 101.10/30 - - 4.00 101.10/30 - - - 4.00 101.10/30 - - <td< td=""><td>GEN, DEVELOP, CORP.</td><td>BR281</td><td>FLOWING</td><td>UNUSED</td><td>28</td><td>0.</td><td>41</td><td>80</td><td>40</td><td>25</td><td></td><td>335</td><td></td><td></td><td></td><td></td></td<>	GEN, DEVELOP, CORP.	BR281	FLOWING	UNUSED	28	0.	41	80	40	25		335				
6EA. DEVELOP, CORP. PR30 FL00106 INTEGATION 22 56 16 80 41 4 -	GEN, DEVELOP, CORP,	BR282	FLOWING		28	0	7									
9000H 504 4TH AVE BR424 FLDNING IRRIGATION 28 3 54 80 3 47 150 505 1.00 645.06 3/10/25 - MAMMOND BR428 FLOWING IRRIGATION 27 52 8 80 30 14 - - 10.00 3/00.00 9/27980 - MAMMOND BR348 FLOWING DOMESTIC 28 5 35 80 42 7 120 425 2.55 0.00 11/10/80 - MARDLD FLATT BR37 FLOWING STOCK 27 57 51 80 45 12 - 3.70 0.00 13/10/80 3/27/81 - HARDLD FLATT BR320 FLOWING STOCK 27 57 51 80 45 12 - 3.70 0.00 10/2.00 3/2.5781 - HARDLP FLATT BR32 FLOWING IRRIGATION 28 33 18 80 42 12 - 150 2.00 10/2.00 10/2.4260 - HARDLP FLATK BR34 FLOWING IRRIGATION 28 33 31 80 42 12 - 150 2.00 10/2.00 10/2.4260 - - 4.00 3.00 10/2.00 10/2.4260 - - <td< td=""><td>GEN, DEVELOP, CORP.</td><td>FR301</td><td>FLOWING</td><td></td><td>27</td><td>56</td><td>16</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	GEN, DEVELOP, CORP.	FR301	FLOWING		27	56	16									
GREENE FR28 FLOUING TRETAITION 27 2 8 0 1 - 10.00 300.00 2/25/20 - HARMOND BR348 FLOUING DUMESTIC 28 5 8 0.1 1.20 622 2.50 700.00 1/10/50 3/20/81 - HAROLD PLATT BR297 FLOUING STOCK 27 57 52 80 0.47 - 0.00 0/31/20/81 - HAROLT PLATT BR280 FLOUING STOCK 27 57 52 80 45 1.2 - 3/20 0.41/81 - 3/20 0.41/81 - 3/20 0.41/81 - 3/20 0.41/81 - - 3/20 0.41/81 - - 3/20 0.41/81 - - 3/20 0.41/81 - - 3/20 0.41/81 - - 3/20 0.41/81 - - 3/20 0.41/81 - -	GEN, DEVEOP; CORP,	BR268	FLOWING	IRRIGATION	27	57	25	80	41	4		***	4.00	691.00	3/24/81	
GREENE FR282 FLOUING IRR 164 f100 22 23 0 14 - - 10,02 300,09 9/29/90 - HAPMEND FR348 FLOUING DUMESTIC 28 52 80 42 7 120 422 2.50 700.09 1/10/80 - - 0,00 10015,00 3/20/81 - HARQLD FLATT FR297 FLOUING STOCK 27 57 52 80 47 - 3.00 1602.00 4/14/81 - HARUEY RAY FR415 FLOUING FR104T100 28 3.1 80 47 - 150 2.00 3.00 10/2.2/60 - HARUEY RAY FR134 FLOUING FR164T100 28 3.3 28 64 7 - 150 2.00 3.00 10/2.2/60 HARUEY RAY FR134 FLOUING FR164T100 28 3.33 28 49 7 -	GOUGH 504 4TH AVE	BR434	FLOWING	IRRIGATION	28	3		80	33	47	150	505	4.00			
HAMPND ER34 FLOWING DOMESTIC 28 5 25 80 27 120 625 20.00 1/10/20 - HAPPED ER234 FLOWING STOCK 27 57 1 80 30 51 - - 0.00 574/100 3/22/81 - HARDLP FLATT ER280 FLOWING STOCK 27 57 1 80 45 2 - 364 4,00 574/10 - 372/81 - HARDLP FLATT ER280 FLOWING IRRIGATION 28 17 80 57 1 - 3.00 10/2/20 0.72/80 - HATBLL FARK ER34 FLOWING IRRIGATION 28 33 38 0 49 17 - 4.00 - - - - - 4.00 - - - - - - - - - - - - -	GREENE	BR285	FLOWING													
HAPELD BR234 FLDMING UMUEPD 28 20 40 30 37 51 - - 0 00 1515 00 1272 0 1155 00 1272 0 0 1165 00 1272 0 0 1165 00 1272 0 0 1165 00 1272 0 0 1165 0 1272 0 0 1165 00 1272 0 0 1165 0 1272 1 0 0 0 1272 0 0 1272 1 0 0 1272 1 0 0 1272 1 0 0 0 0 0 1172 0 0 0 0 0 0 1172 0 <td>Наймонр</td> <td>BR348</td> <td>FLOWING</td> <td>DOMESTIC</td> <td>28</td> <td></td> <td>35</td> <td>80</td> <td>42</td> <td>7</td> <td>120</td> <td>625</td> <td></td> <td></td> <td></td> <td></td>	Наймонр	BR348	FLOWING	DOMESTIC	28		35	80	42	7	120	625				
HARGLD PLATT BR207 FLOWING STOCK 27 57 1 60 432.0 - 36.4 4.0.0 574.0.0 372.7 1 HARGLD PLATT BR208 FLOWING IRRIGATION 28 17 41 80 41 88 - - 3.00 1002.00 3/11.01 - HATBLL PARK BR325 FLOWING IRRIGATION 28 3.31 80 49 21 - 150 2.00 1002.00 3/1.02 0 2/2.08 - - 1.002.00 10/2.20 - - - 1.002.00 10/2.20 - - - 1.002.00 10/2.20 0 10/2.00 10/2.20 - - - 1.002.00 10/2.20 0 10/2.20 0 10/2.20 10/2.20 10/2.20 0 10/2.20 0 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 10/2.20 </td <td>HAPPED</td> <td>BR234</td> <td>FLOWING</td> <td>UNUSED</td> <td>28</td> <td></td> <td></td> <td></td> <td></td> <td>51</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	HAPPED	BR234	FLOWING	UNUSED	28					51						
HARQUE PLATT BR280 FLOUING STOCK 27 59 52 50 51 12 - 377 0.00 414.00 3/25/81 - HARVER KAY BR315 FLOUING IRRIGATIO 28 741 80 51 2 - - 3.00 1000.00 2/18/57 - HAINDS, P. GLAPYS BR316 FLOUING IRRIGATION 28 33 31 80 92 1 - 150 2.00 30.00 10/220 - HAINDS, P. GLAPYS BR316 FLOUING IRRIGATION 28 23 32 80 35 4 - 4.00 30.00 10/220 -	HAROLD PLATT	BR279	FLOWING	STOCK	27	59	1	80	43	20	****	364	4.00			
HATBILL PARK BR3/2 UNUSET COMMERCIAL 28 3/4 1 00 5/2 17 - - 0.00 1600 00 2/18/37 - HEINER, B. BR314 FLOWING IRRIGATION 28 3/3 10 09 211 - 150 2.00 107.00 10/2/2/80 - HOLIDAY BR314 FLOWING IRRIGATION 28 3/3 20 0/2 59 165 298 3.00 532.00 107.00 10/2 2/80 - HOLIDAY BR34 FLOWING IRRIGATION 28 2/3 80 35 4 - - 4.00 - </td <td>HAROLD FLATT</td> <td>BR280</td> <td>FLOWING</td> <td>STOCK</td> <td>27</td> <td>59</td> <td>52</td> <td>80</td> <td>45</td> <td>12</td> <td></td> <td>377</td> <td></td> <td></td> <td></td> <td></td>	HAROLD FLATT	BR280	FLOWING	STOCK	27	59	52	80	45	12		377				
HEINER, H. ER317 FLOUING IFERIGATION 29 23 31 00 49 21 - 150 2.00 107.00 107.20 107.200 - 27.00 27.200 - 150 2.00 30.00 107.200 107.200 - - - 107.00 107.200 107.200 107.200 107.2700 - - - 107.00 107.200 107.2700 <th107.2700< th=""></th107.2700<>	HARVEY RAY	BR 415	FLOWING	IRRIGATION				80	41	58			3.00			
HINDS, P. GLAPYS BR314 FLOUING TERTGATION 28 23 20 49 12 - 150 2.00 30.00 10/12/20 - JACK STORY, SR BR401 FLOUING INFIGATION 28 23 60 30 59 145 298 3.00 50 <t< td=""><td>HATBILL PARK</td><td>BR362</td><td>UNUSED</td><td>COMMERCIAL</td><td>28</td><td>36</td><td>17</td><td>80</td><td>57</td><td>17</td><td></td><td></td><td>2,00</td><td>1600.00</td><td></td><td></td></t<>	HATBILL PARK	BR362	UNUSED	COMMERCIAL	28	36	17	80	57	17			2,00	1600.00		
HOLIDAY HAVEN BR294 FLOUING TRRIGATION 28 2 36 30 35 9 145 298 2 1,00 533 10 12/18/0	HEINER, M.	BR317	FLOWING	IERIGATION	28	33	31	80	49	21		150	2.00	107.00	10/ 2/80	
JACK STORY, SR BR401 FLOWING STOCK 28 29 80 40 80 45 a - 4.00 2285.00 57 57.91 - JAMESTOW CDNING BR208 FLOWING IRRIGATION 28 24 23 80 35 36 - 4.00 20 21.726 - <	HINDS, P. GLADYS	BR316	FLOWING	IRRIGATION	28	33	37	80	49	17		150	2,00	30.00	10/ 2/80	
JARESTOWN CONDOS BR232 FLOWING UNISED 28 43 80 35 4 - - 4.00 -	HOLIDAY HAVEN	BR294	FLOWING	IRRIGATION	28	2	36	80	32	59	165	298	3,00	539.00	10/ 1/80	
JARESTOWN CONDOS BR232 FLOUTING UNISED 28 43 80 35 4 - - 4.00 - <td>JACK STORY, SR</td> <td>BR401</td> <td>FLOWING</td> <td>STOCK</td> <td>- 28</td> <td></td> <td>50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2285,00</td> <td>57 5781</td> <td></td>	JACK STORY, SR	BR401	FLOWING	STOCK	- 28		50							2285,00	57 5781	
JIM UIDATO FR359 FLOWING UMUSED 28 4 4 7 80 41 1 85 450 4.00	JAMESTOWN CONDOS	BR232	FLOWING		28	8	43	80	35	4			4,00			
JIM DIDATO BR329 FLOWING UMUSED 28 4 4 1 1 85 45.0 4.00 <	JETTY PARK	BR208	FLOWING	IRRIGATION	28	24	23	80	35	36		331	3.00	450.00	2/ 1/76	
KEMPHER BR229 FLOWING STOCK 28 4 57 80 50 18 - - 4,00 387,00 4/2/81 - KERFHAR BR230 FLOWING STOCK 28 5 30 80 44 4 - 4,00 387,00 4/2/81 - KERFHAM BR230 FLOWING STOCK 28 53 80 43 59 - 1.50 -	JIM DIDATO	BR359	FLOWING	UNUSED	28	4	47	80	41	41	85	450	4.00	-		
KERPHER BR230 FLOUING STOCK 28 5 30 80 44 - - 4.00 360.00 47 2791 - KERSHAW, O.J. BR340 FLOUING DOMESTIC 27 55 48 80 31 5 - <td>KEMPHER</td> <td>BR228</td> <td>FLOWING</td> <td>STOCK</td> <td>28</td> <td>4</td> <td>43</td> <td>80</td> <td>50</td> <td>32</td> <td></td> <td>295</td> <td>4.00</td> <td>223.00</td> <td>4/ 2/81</td> <td>***</td>	KEMPHER	BR228	FLOWING	STOCK	28	4	43	80	50	32		295	4.00	223.00	4/ 2/81	***
NEMPHER PR230 FLOWING STOCK 28 5 30 80 44 - - 4.00 360.00 47 2/91 - KERSHAW, O.J. BR340 FLOWING DOMESTIC 28 53 80 31 35 - - 1.50 -	KEMPHER	BR229	FLOWING	STOCK	28	4	57	80	50	18			4,00	387.00	47 2/81	
KERSHAW, 0.J. BR340 FLOWING DOMESTIC 27 55 48 80 31 35 - - 1.50 - <td>KEMPHER</td> <td>BR230</td> <td>FLOWING</td> <td>STOCK</td> <td>28</td> <td>5</td> <td>30</td> <td>80</td> <td>43</td> <td>44</td> <td></td> <td></td> <td>4,00</td> <td>360.00</td> <td></td> <td></td>	KEMPHER	BR230	FLOWING	STOCK	28	5	30	80	43	44			4,00	360.00		
LA TURE ER392 FLOWING UNUSET 28 16 5 80 40 13 2.00 1250.00 5/13/77 - LATHAM BR283 FLOWING DDMESTL 27 52 9 80 27 14 2.00 205.00 10/15/80 - LONE CABBAGE CAMP ER204 FLOWING UNUSED 28 22 7 80 52 18 2.00 2150.00 6/21/54 - LORTLE WILSON FARK BR307 FLOWING UNUSED 28 20 16 80 36 28 4.00 690.00 10/22/80 - LULP LEE 2924 MAIN ER435 FLOWING IRRIGATION 28 3 49 80 35 59 2.00 762.00 9/24/81 - LUTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 3 49 80 35 55 2.00 762.00 9/24/81 - LUTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 1 8 80 35 55 2.00 762.00 9/24/81 - LUTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 1 8 80 35 55 2.00 762.00 9/24/81 - UTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 1 8 80 35 55 2.00 1200.00 5/21/75 - MARCUS BOOKIE ER366 FLOWING IRRIGATION 28 1 8 80 34 26 - 360 2.50 630.00 6/19/75 - MARCUS BOOKIE ER355 FLOWING IRRIGATION 28 21 40 80 36 55 2.00 1500.00 10/30/80 - MCWILLIAM ER359 FLOWING AFR COND. 28 21 40 80 36 55 2.00 1500.00 10/30/80 - MCWILLIAM ER359 FLOWING AFR COND. 28 21 35 80 34 26 - 360 2.50 630.00 6/19/75 - MCWILLIAM ER359 FLOWING AFR COND. 28 21 35 80 34 26 - 4.00 4.00 970.00 8/7/7 - MCWILLIAM ER359 FLOWING AFR COND. 28 21 40 80 36 55 2.00 1500.00 10/30/80 - MCWILLIAM ER359 FLOWING AFR COND. 28 14 10 80 44 50 4.00 8.68.00 3/31/81 - MORRIS CATTLE CO. BR408 FLOWING IRRIGATION 28 16 10 80 44 50 4.00 8.68.00 3/31/81 - MORRIS CATTLE CO. BR408 FLOWING AFR COND. 28 15 42 80 36 27 - 45.00 (170.00 11/28/46	KERSHAW, O.J.		FLOWING													
LATHAM BR283 FLOWING DOMESTIC 27 52 9 80 27 14 - - 2.00 205.00 10/15/80 - LUNE CABBAGE CAMP BR204 FLOWING UNUSED 28 22 7 80 52 18 - - 2.00 205.00 10/15/80 - LURE CABBAGE CAMP BR204 FLOWING IFRIGATION 28 20 16 80 36 28 - - 4.00 690.00 10/122/80 - LULP LEE 2924 MAIN BR435 FLOWING IFRIGATION 28 3 49 80 35 59 - - 2.00 762.00 8/24/81 - LUTHERAN FEUCE CHURG BR345 FLOWING IFRIGATION 28 1 80 35 55 - - 2.00 760.0 9/24/81 - MARCUS BOOKIE BR345 FLOWING IFRIGATION 27 49 21 80 36 55 - - 2.00 70.00 8/24/97 <	L. WASH. RES	BR352	FLOWING	IRRIGATION	28	8	53	80	43	59		348	2.00			
LUNE CABBAGE CAMP BR204 FLOWING UNUSED 28 22 7 80 52 18 - - 2.00 2150.00 6/21/54 - LURRIE WILSON FARK BR307 FLOWING IFRIGATION 28 20 16 80 36 28 - - 4.00 690.00 10/22/80 - LULP LEE 2924 MAIN BF435 FLOWING IFRIGATION 28 3 49 80 35 59 - - 2.00 762.00 8/24/81 - LULP LEE 2924 MAIN BF435 FLOWING IFRIGATION 28 3 49 80 35 55 - - 2.00 1200.00 5/21/75 - LUTHERAN FEUCE CHURC BR345 FLOWING IFRIGATION 27 47 21 60 50 33 - 693 5.00 301.00 4/2/9/1 - MARSHALL, GEORGE BR345 FLOWING IFRIGATION 28 21 40 80 36 25	LA TURE	BR392	FLOWING	UNUSED	28	16	5	80	40	13		****	2.00	1250.00	5/13/77	
LORRIE WILSON PARK BR307 FLOWING IRRIGATION 28 20 16 80 36 28 - - 4,00 590.00 10/22/80 - LULP LEE 2924 MAIN BF435 FLOWING IRRIGATION 28 3 44 80 35 59 - - 2,00 -	LATHAM	BR283	FLOWING	DOMESTIC	27	52	9	80	27	14			2.00	205.00	10/15/80	
LULP LEE 2924 MAIN BF435 FLOWING IRRIGATION 28 3 44 80 35 59 - - 2.00 - <td< td=""><td>LONE CABBAGE CAMP</td><td>BR204</td><td>FLOWING</td><td>UNUSED</td><td>28</td><td>22</td><td>7</td><td>80</td><td>52</td><td>18</td><td></td><td></td><td>2.00</td><td>2150.00</td><td>6/21/54</td><td></td></td<>	LONE CABBAGE CAMP	BR204	FLOWING	UNUSED	28	22	7	80	52	18			2.00	2150.00	6/21/54	
LULP LEE 2924 MAIN BR435 FLOWING IRRIGATION 28 3 49 80 35 59 - - 2.00 762.00 9/24/81 - LUTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 1 8 90 35 55 - - 2.00 1200.00 5/21/75 - MARCUS BOOKIE BR364 FLOWING IRRIGATION 27 49 21 80 53 55 - - 2.00 1200.00 5/21/75 - MARCUS BOOKIE BR364 FLOWING IRRIGATION 27 49 21 80 33 26 - 360 2.00 301.00 4/9/81 - MARTIOLI BR357 FLOWING IRRIGATION 28 0 80 34 26 - 360 2.00 150.00 10/30/80 - MONNEY BR357 FLOWING IRRIGATION 28 18 10 80 41 7 - 400 4.00 863.60 3/31/81 - <	LORRIE WILSON PARK	BR307	FLOWING	IERIGATION	28	20	16	80	36	28			4,00	590.00	10/22/80	
LUTHERAN FEUCE CHURC BR345 FLOWING IRRIGATION 28 1 8 50 35 55 - - 2.00 1200.00 5/21/75 - MARCUS BOOKIE ER366 FLOWING IRRIGATION 27 49 21 80 50 33 - 693 5.00 301.00 4/9/91 - MARSHALL, GEORGE BR341 FLOWING DMMERCIAL 28 0 8 80 34 26 - 360 2.50 630.00 6/19/75 - MATTIOLI BR357 FLOWING IRRIGATION 28 21 40 80 36 55 - - 2.00 150.00 10/30/80 - MCULLIAM BR357 FLOWING IRRIGATION 28 18 10 80 41 7 - 400 4.00 838.00 3/31/81 - MOUNEY BR387 FLOWING IRRIGATION 28 18 10 80 44 50 - - 1.00 1170.00 11/28/46 - -	LULP LEE 2924 MAIN	BF435	FLOWING	IRRIGATION	28	3	44	80	35	59			2,00			
MARCUS BOOKIE BR366 FLOWING IRRIGATION 27 49 21 80 50 33 - 693 5.00 301.00 4/9/91 - MARSHALL, GEORGE BR341 FLOWING CDMMERCIAL 28 0 8 80 34 26 - 360 2.50 630.00 6/19/75 - MATIDLI BR357 FLOWING IRRIGATION 28 21 40 80 36 55 - - 2.00 950.00 10/30/80 - MCWILLIAM BR358 FLOWING IRRIGATION 28 21 35 20 36 25 - 165 2.00 1500.00 10/30/80 - MODNEY BR357 FLOWING IRRIGATION 28 21 35 20 36 25 - 165 2.00 1500.00 10/30/80 - MORNEY BR357 FLOWING IRRIGATION 28 20 47 80 41 0 4.00 56 56 57 - - 10	LULP LEE 2924 MAIN	BR435	FLOWING	IRRIGATION	28	3	49	80	35	52			2.00	762.00	8/24/81	
MARSHALL, GEORGE BR341 FLOWING COMMERCIAL 28 0 8 80 34 26 - 360 2.50 630,00 6/19/75 - MATTIOLI BR357 FLOWING IRRIGATION 28 21 40 80 36 55 - - 2.00 950.00 10/30/80 - MCWILLIAM BR358 FLOWING AIR COND. 28 21 35 80 34 25 - 165 2.00 1500.00 10/30/80 - MOGNEY BR387 FLOWING IRRIGATION 28 20 47 80 41 7 - 400 4.00 970.00 8/1779 - NEVINS BR488 FLOWING IRRIGATION 28 10 80 44 50 - - 1.00 10/30/80 - - NORRIS 638.00 3/31/81 - - - 4.00 8/331/81 - - - 1.00 11/28/46 - - - 1.00 10/2.00 11/28/46 <td>LUTHERAN FEUCE CHURC</td> <td>BR345</td> <td>FLOWING</td> <td>IRRIGATION</td> <td>28</td> <td>1</td> <td>8</td> <td>80</td> <td>35</td> <td>55</td> <td></td> <td></td> <td>2.00</td> <td>1200.00</td> <td>5721775</td> <td></td>	LUTHERAN FEUCE CHURC	BR345	FLOWING	IRRIGATION	28	1	8	80	35	55			2.00	1200.00	5721775	
MATTIOLI BR357 FLOWING IRRIGATION 28 21 40 80 36 55 - - 2.00 950.00 10/30/80 - MCWILLIAM BR358 FLOWING AJR COND. 28 21 35 20 36 25 - 165 2.00 1500.00 10/30/80 - MOONEY BR387 FLOWING IRRIGATION 28 20 47 80 41 7 - 400 4.00 970.00 8/ 1/79 - NEVINS BR387 FLOWING IRRIGATION 28 20 47 80 41 7 - 400 4.00 863.00 3/31/81 - NORRIS CATTLE CO. BR408 FLOWING IRRIGATION 28 15 42 80 36 27 - 4.00 10/20 11/28/46 - PATRICK AFB BR354 FLOWING IRRIGATION 28 15 42 80 36 22 - - 4.00 200 20.00	MARCUS BOOKIE	ER366	FLOWING	IRRIGATION	27	49	21	. 80	50	33		693	5,00	301.00	47 9781	
MCWILLIAM BR358 FLOWING AIR COND. 28 21 35 20 34 25 - 165 2.00 1500.00 10/30/80 - MOGNEY BR387 FLOWING IRRIGATION 28 20 47 80 41 7 - 400 4.00 970.00 8/ 1/79 - NEVINS BR428 FLOWING IRRIGATION 28 10 80 44 50 - - 4.00 868.00 3/31/81 - NORRIS CATTLE CO. BR408 FLOWING AIR COND. 28 15 42 80 35 27 - 4.00 868.00 3/31/81 - PATRICK AFB BR354 FLOWING AIR COND. 28 15 42 80 35 27 - 450 4.00 - <	MARSHALL, GEORGE	BR341	FLOWING	COMMERCIAL	28	0	8	80	34	26	••••	360	2,50	630,00	6/19/75	
MOONEY BR387 FLOWING IRRIGATION 28 20 47 80 41 7 - 400 4.00 970.00 87 1/79 - NEVINS BR428 FLOWING IRRIGATION 28 18 10 20 44 50 - - 4.00 838.00 3/31/81 - NORRIS CATTLE CO. BR408 FLOWING STOCK 28 36 55 80 57 50 - - 1.00 1170.00 11/28/46 - PATRICK AFB BR354 FLOWING AIR COND. 28 15 42 80 35 27 - 450 4.00 - <td< td=""><td>MATTIOLI</td><td></td><td>FLOWING</td><td>IRRIGATION</td><td>28</td><td>21</td><td>40</td><td>80</td><td>36</td><td>55</td><td></td><td></td><td>2,00</td><td>950,00</td><td>10/30/80</td><td></td></td<>	MATTIOLI		FLOWING	IRRIGATION	28	21	40	80	36	55			2,00	950,00	10/30/80	
NEVINS BR428 FLOWING IRRIGATION 28 19 10 80 44 50 - - 4,00 868,00 3/31/81 - NORRIS CATTLE CO. BR408 FLOWING STOCK 28 36 55 80 57 50 - - 1.00 1170.00 11/28/46 - PATRICK AFB BR354 FLOWING AIR COND. 28 15 42 80 36 27 - 4.00 868.00 3/31/81 - PATRICK AFB BR354 FLOWING AIR COND. 28 15 42 80 36 27 - 4.00 4.00 -	MCWILLIAM	BR358	FLOWING	AIR COND.	28	21	35	80	36	25	••••	1.65	2.00	1500.00	10/30/80	
NORRIS CATTLE CO. BR408 FLOWING STOCK 28 36 55 80 57 50 - - 1.00 1170.00 11/28/46 - PATRICK AFB BR354 FLOWING AIR COND. 28 15 42 80 35 27 - 450 4.00 -	MOONEY	BR387	FLOWING	IRRIGATION	28	30	47	80	41	7	****	400	4.00	970,00	8/ 1/79	
PATRICK AFB BR354 FLOWING AIR COND, 28 15 42 80 35 27 450 4.00 - - - PATRICK AFB BR355 FLOWING IRRIGATION 28 16 15 80 36 22 - - 4.00 - <t< td=""><td>NEVINS</td><td>BR428</td><td>FLOWING</td><td>IRRIGATION</td><td>28</td><td>18</td><td>10</td><td>60</td><td>$\dot{q} \cdot \dot{Q}$</td><td>50</td><td></td><td></td><td>4.00</td><td>838,00</td><td>3/31/81</td><td></td></t<>	NEVINS	BR428	FLOWING	IRRIGATION	28	18	10	60	$\dot{q} \cdot \dot{Q}$	50			4.00	838,00	3/31/81	
PATRICK AFB ER355 FLOWING IRRIGATION 28 16 15 80 36 22 - - 0.00 \$00.00 2/ 8/75 - PERRY BR356 FLOWING IRRIGATION 28 21 37 80 36 24 - - 2.00 \$20.00 11/16/76 - PERRY BR333 FLOWING IRRIGATION 28 22 32 80 42 44 - - 2.00 2037.00 8/ 2/81 - PHYLIS TINSLEY BR419 UNUSED INDUSTRIAL 28 25 43 80 42 59 - - 0.00 2204.00 6/ 4/81 - PLATT, DON BR350 FLOWING IRRIGATION 28 6 53 80 42 27 - 4.00 520.00 11/21/79 - PLUMMER, C.L. BR305 FLOWING IRRIGATION 28 19 7 30 41 22.00 2150.00 7/28/77 - <td>NORRIS CATTLE CO.</td> <td>BR408</td> <td>FLOWING</td> <td>STOCK</td> <td>-28</td> <td>36</td> <td>55</td> <td>80</td> <td>57</td> <td>50</td> <td></td> <td></td> <td>. 00 € t</td> <td>1170.00</td> <td>11/28/46</td> <td></td>	NORRIS CATTLE CO.	BR408	FLOWING	STOCK	-28	36	55	80	57	50			. 00 € t	1170.00	11/28/46	
PERRY BR356 FLOWING IRRIGATION 28 21 37 80 36 24 - - 2:00 950:00 11/16/76 - PERRY ELISON BR333 FLOWING AIR COND. 28 22 32 80 36 24 - - 2:00 950:00 11/16/76 - PERRY ELISON BR333 FLOWING AIR COND. 28 22 32 80 42 44 - - 2:00 2037:00 8/ 2/81 - PHYLIS TINSLEY BR419 UNUSED INDUSTRIAL 28 25 43 80 42 59 - - 0:00 2204:00 6/ 4/81 - PLATT, DON BR350 FLOWING IRRIGATION 28 6 53 80 42 27 - 4:00 520:00 11/21/79 - PLUMMER C.L. BR305 FLOWING IRRIGATION 28 19 7 30 41 22 - 2:00 2	PATRICK AFB	BR354	FLOWING	AIR COND,	28	15	42	80	36	27		450	4.00			
PERRY ELISON BR333 FLOWING AIR COND. 28 22 32 80 42 44 - 2.00 2037.00 8/ 2/81 - PHYLIS TINSLEY BR419 UNUSED INDUSTRIAL 28 25 43 20 42 59 - - 0.00 2204.00 6/ 4/81 - PLATT, DON BR350 FLOWING IRRIGATION 28 6 53 80 42 27 - - 4,00 520,00 11/21/79 - PLUMMER, C.L. BR305 FLOWING IRRIGATION 28 19 7 180 41 22 - - 2.00 2150.00 7/28/77 -	PATRICK AFB	BR355	FLOWING	IRRIGATION	28	16	15	80	36	22			0.00	600.00	27 8775	
PHYLIS TINSLEY BR419 UNUSED INDUSTRIAL 28 25 43 20 42 59 - - 0.00 2204.00 67 4/81 - PLATT, DON BR350 FLOWING IRRIGATION 28 6 53 80 42 27 - - 4,00 520,00 11/21/79 - PLUMMER, C.L. BR305 FLOWING IRRIGATION 28 19 7 180 41 22 - - 2.00 2150.00 7/28/77 -	PERRY	BR356	FLOWING	IRRIGATION	58	21	37	80	36	24			2.00	850,00	11/16/76	
PLATT, DON BR350 FLOWING IRRIGATION 28 6 53 80 42 27 - 4,00 520,00 11/21/79 - PLUMMER, C.L. BR305 FLOWING IRRIGATION 28 19 7 180 41 22 - - 2.00 2150.00 7/28/77 -	PERRY ELISON	BR333	FLOWING	AIR COND.	28	22	35	80	42	46	****		2.00	2037.00	87 2781	
PLUMMER , C.L. BR305 FLOWING IRRIGATION 28 19 7 180 41 22 2.00 2150.00 7/28/77 -			UNUSED	INDUSTRIAL	28	25	43	80	42	5°			0.00	2204.00	6/ 4/81	
	PLATT, DON	BS350	FLOWING	IRRIGATION	28	6	53	80	42	27		••••	4,00	520,00	11/21/79	
POTEET BR421 FLOWING STOCK 27 50 45 '80 49 46 - 284 6.00 210.00 11/16/78 -	PLUMMER , C.L.	BR305	FLOWING	IRRIGATION	28	19	7	30	41	22			2.00	2150.00	7/28/77	••••
	POTEET	BR421	FLOWING	STOCK	27	50	45	.80	49	46		284	6.00	210.00	11/16/78	

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY BREVARD COUNTY

OWNER	WELL ID	STATUS	WELL USE	L DE	A MI	T SE	DE			CASE DEPTH	WELL DEPTH	WELL DIAM	CHLORIDE MG7L	SAMPLE DATE	GEPH LOG S
PULLEN	BR380	FLOWING	UNUSED	28	13	32	80	38	54			2.00	1042.00	4/28/31	
QUARBURG	BR420	FLOWING	IRRIGATION		49		. 80	50	39			6.00	230.00	11/13/78	
RAY COBBS	BR385	FLOWING	IERIGATION		22	3	80	42	28	80	420	6,00	2004.00	5/ 5/81	
ROCKLEDGE GOLF COUR	BR235	FLOWING	IRRIGATION		20	13	80	44	49			4,00			
ROCKLEDGE GOLF COUR	BR236	FLOWING	RECREATION		20	8			42			4,00			
ROCKLEDGE GOLF COUR	BR245	FLOWING	IRRIGATION	28	20	2	80	45	6			4.00	1470,00	3/31/81	
SEIB GROVE	BR251	FLOWING	IRRIGATION	27	53	32	- 80	37	39			4,00	785.00	3/16/81	
SEILER	BR290	FLOWING	IRRIGATION		59		80	31	9			3,00	507.00	10/ 1/80	
SOMERFIELP	BR381	FLOWING	IRRIGATION		13		80	39	3	***	325	4.00	668,00	4/28/81	
STEVE FANCZL	BR414	FLOWING	IRRIGATION		17		80	40	39			3.00	888,00	6/11/81	
TENDERFOOT RANCH	BR403	FLOWING	IRRIGATION	28	22	24	80	47	1			4,00	1570.00	4/14/81	
TRICO GROVE	BR270	FLOWING	IRRIGATION	27	58	24	80	41	34			4.00	701,00	3/30/81	
TRIO GROVE	BR271	FLOWING	IRRIGATION	27	58	35	80	41	27			4.00	708.00	3/31/81	
TRIO GROVE	BR272	FLOWING	IRRIGATION	27	58	35	80	41	37			4.00	722.00	3/31/81	
TRID GROVE	BR273	FLOWING	IRRIGATION	27	58	35	80	41	44		309	6.00	635,00	3/31/81	
TRID RIPE GROVE	BR269	FLOWING	IRRIGATION	27	58	22	80	41	22	 .		6,00	681.00	3/30/81	
UNDETERMINED	BR102	FLOWING	UNUSED	27	57	49	80	32	37			2.50	475.00	3/ 4/81	
UNDETERMINED	BR120	FLOWING	UNUSED	28	23	29	80	36	23			2.00	800,00	4/ 6/77	
UNDETERMINED	BR182	FLOWING	UNUSED	27	58	23	80	35	2			6,00	691.00	5/12/81	
UNDETERMINED	BR200	FLOWING	IRRIGATION		22		80	40	55			4,00	1462.00	67 2780	****
UNDETERMINED	BR237	FLOWING	STOCK	28	21	50	80	51	15			2.00	2163.00	1/26/79	
UNDETERMINED	BR244	FLOWING	UNUSED	28	19	57	80	39	52			2.00	1122.00	3/20/81	
UNDETERMINED	BR250	FLOWING	STOCK .	27	53	57	80	36	37		409	2.00	671.00	3/11/81	~
UNDETERMINED	BR252	FLOWING	STOCK	27	53	21	80	39	24			2.00	700,00	5/29/79	
UNDETERMINED	BR254	FLOWING	STOCK	27	53	25	80	39	16			2.00	732.00	3/12/81	
UNDETERMINED	BR255	FLOWING	STOCK	27	53	51	80	40	4	100	333	3.00	734.00	3/16/81	
UNDETERMINED	BR256	FLOWING	STOCK	27	53	51	80	40	4			2.00	715.00	3/16/81	
UNDETERMINED	BR257	FLOWING	STOCK	27	54	1.6	80	39	4		315	6.00	701.00	3/16/81	
UNDETERMINED	BR374	FLOWING	POWER	28	12	30	80	36	26			6,00			
UNDETERMINED	BR325	FLOWING	POWER	28	12	34	80	36	29			6,00			
UNDETERMINED	BR377	FLOWING .	UNUSED	28	10	18	80	37	14			4,00	661.00	4/15/81	
UNDETERMINED	BR378	FLOWING	UNUSED	28	1.0	17	80	37	13			4.00	668,00	4/15/81	
UNDETERMINED	BR384	FLOWING	UNUSED	28	15	38	80	41	5			4,00	1189.00	4/27/81	
UNDETERMINED	BR395	FLOWING	UNUSED	28	16	5	80	39	55			2.00	1050.00	5719777	
UNDETERMINED	BR397	FLOWING	UNUSED		15	48	80					0,00	277.00	4/27/81	
UNDETERMINED	BR400	FLOWING	UNUSED	28	20	45	86	46	34			6.00	1336.00	4/21/81	
UNDETERMINED	BR409	PLUGGED	UNUSED	27	52	11	80	27	22		466	4.00	207.00	5/19/81	
UNDETERMINED	BR416	FLOWING	IRRIGATION	28	20	49	80	39	42			2.00	788.00	6/ 8/81	
UNDETERMINED	BR417	FLOWING	IRRIGATION	28	23	37	80	36	54			3.09	1136.00	67 9781	
UNDETERMINED	BR418	FLOWING	IRRIGATION	28	23	59	80	42	34		204	3.00	1494.00	5/18/81	
UNDETERMINED	BR422	FLOWING	UNUSED	27	51	31	80	.27	4			0,00			
UNDETERMINED	BR424	FLOWING	UNUSED	27	59	13	80	33	20			1,50		- 1.44	
UNDETERMINED	BR425	FLOWING	STOCK	27	52	53	80	44	42			4.00			
UNDETERMINED	BR426	FLOWING	UNUSED	28	11	26	80	37	43			2+00	800.00	3/19/76	
UNDETERMINED	BR429	FLOWING	UNUSED	28	19	2		43				4.00	980.00	4/ 6/77	
W. C. ROPER	8R413	FLOWING	IRRIGATION	28	7	18.	- 80	37			••••	6.00	608.00	67 9781	
WARREN WOOTEN	BR396	FLOWING	UNUSED	28	15	52	80	41	10			6+00	1149.00	4/27/81	

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY BREVARD COUNTY

OWNER	WELL ID	STATUS	WELL USE	L DE	A MI	T SE	L DE	0 MI		CASE DEPTH	WELL DEPTH	UELL DIAM	CHLORIDE MG/L	SAMPLE DATE	GEPH LOGS
WATER WAY ESTATES WATERWAY ESTATES WICKHAM PARK WICKMAN PARK WINDWARD APTS.	BR376 BR373 BR382 BR383 BR368	FLOWING FLOWING FLOWING FLOWING FLOWING	POWER OTHER RECREATION RECREATION UNUSED	28 28 28	12 12 9 9 2	26 34 51	80 80 80	36 39 39	29 26 46 40 11	105 105 105	600 550	2.00 6.00 4.00 6.00 2.00	- 553.00 700.00 695.00	3/ 6/80 10/12/75 4/30/81	

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY CLAY COUNTY

OWNER	WELL ID	STATUS	WELL USE	L DE	A MJ	T SE	L DE	0 IM	N SE	Q. 1 1 Q. 1	WELL DEPTH	HELL DIAM	CHLORIDE MG/L	SAMPLE DATE	GEPH LOGS
DIV OF FORESTRY	65***	FLOWING	DOMESTIC	30	3	2	81	42	27			3.00	6,00	1727775	
DRIGGERS	C6***	FLOWING	DOMESTIC	29	51	44	81	37	17		600	6.00	10,00	1/23/75	
JENNINGS	C10**	FLOWING	UNUSED	30	8	50	81	55	20	300	330	3,00	7.00	7/18/60	
L. J. IVEY	C1.***	FLOWING	DOMESTIC	30	0	48	81	41	43	300	365	3.00	5.00	5/ 1/70	
STOKE	C8***	FLOWING	UNUSED	30	4	45	81	48	55			6.00	15.00	5/19/81	
STOKE	C9***	FLOWING	RECREATION	- 30	4	55	81	49	11	·		4.00		-1	
TEMPLIN	C11**	FLOWING	UNUSED	30	· 0	30	81	41	38			6+00	8,00	9/11/81	
TEMPLIN	C12**	FLOWING	UNUSED	. 30	Ø	31	.81	41	41			3,00	10.00	9/11/81	
UNDETERMINED	C13**	FLOWING	UNUSED	30	6	20	81	46	28			6.00	20.00	5/19/81	

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY DUVAL COUNTY

OWNER	WELL	STATUS	WELL USE	i_	A	т	1_	0	N	CASE	WELL	WELL	CHLORIDE	SAMPLE	GEPH
	ΙD			DE	MI	SE	DE	MI	SE	DEPTH	DEPTH	DIAM	MGZL	DATE	LOGS
CITY OF JACKSONVILLE	D4338	FLOWING	UNUSED	30	17	23	81	42	51	•••		4.00	***		
F.E.C. RAILWAY	D426*	FLOWING	UNUSED	30	- 7	55	- 61	30	-57			3.00	36.00	3/13/81	
G.A. MHOON	D431*	FLOWING	UNUSED	30	21	9	81	28	40			3+00	33.00	3/16/91	
HAROLD P. OMERANTE	P432*	FLOWING	UNUSED	30	24	37	81	42	9	•••		4.00	28.00	6/20/81	
MERIL CORP	D434*	FLOWING	UNUSED	30	24	41	81	25	34		742	4+00	16.00	1/61/76	
ROMCO	D435*	FLOWING	UNUSED	- 30	17	33	81	43	17			10.00	13.00	9/10/81	
UNDERTIMINED	D428*	FLOWING	UNUSED	30	23	18	81	36	47			6,00	25.00	3/13/81	
UNDERTIMINED	D429*	FLOWING	UNUSED	30	23	· 5	81	36	54			0.00	25,00	3/12/81	
UNDERTIMINED	D430*	FLOWING	UNUSED	30	23	18	81	30	19			3.00			
UNDETERMINED	D436*	FLOWING	UNUSED	- 30	11	35	81	34	13			3.00	30.00	1/28/82	
WALDON FOND SOCIETY	D427*	FLOWING	UNUSED	30	16	58	81	34	4			3.00			
G.A. MHOON HAROLD F. OMERANTE MERIL CORP ROMCO UNDERTIMINED UNDERTIMINED UNDERTIMINED UNDETERMINED	D431* D432* D432* D434* D435* D428* D428* D429* D430* D436*	FLOWING FLOWING FLOWING FLOWING FLOWING FLOWING FLOWING	UNUSED UNUSED UNUSED UNUSED UNUSED UNUSED UNUSED	30 30 30 30 30 30 30 30 30	21 24 24 17 23 23 23 11	9 37 41 33 18 5 18 35	81 81 81 81 81 81 81 81 81	28 42 25 36 36 36 30 34	40 9 34 17 47 54 19		742	3.00 4.00 4.00 10.00 6.00 0.00 3.00 3.00	33.00 28.00 16.00 13.00 25.00 25.00 	3/16/91 6/20/81 1/61/76 9/10/81 3/13/91 3/12/81 	

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			THE FREE P					ENT	0RY						
			FLAG	SLER		C	OUNTY								
OWNER	WELL	STATUS	WELL USE	I.	6	т	L.	0	N	CASE	IJELL.	WELL	CHLORIDE	SAMPLE	GEFH
	I D			DE	MI	SE	, DE	MI	SE	DEPTH	DEPTH	DIAM	MGZL	DATE	LOGS
FUBLIC DOMAIN	F207*	FLOWING	UNUSED	29	35	0	81	11	35			6.00	7560.00	7/ 8/81	
UNDETERMINED	F209*	FLOWING	STOCK	29	25	23	81	25	38		***	6.00	1020.00	17 7/82	
UNDETERMINED	F210*	FLOWING	STOCK	29	25	22	81	25	38			3.00	940.00	1/ 7/82	
UNDETERMINED	F211*	FLOWING	STOCK	29	25	28	81	25	49			3.00	···· .		
UNDETERMINED	F212*	FLOWING	STOCK	29	25	28	81	25	53			4.00	1410.00	1/ 7/82	
UNDETERMINED	F213*	FLOWING	UNUSED	29	25	19	81	25	53			0.00			
UNDETERMINED	F214*	FLOWING	UNUSED	29	25	21	81	25	53		·	0.00			
WASHINGTON DAKS S.P.	F208#	FLOWING	OTHER	29	37	58	81	12	32		380	4,00			

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ST. JOHNS RIVER NATER MANAGEMENT DISTRICT REFORT ON THE FREE FLOWING WELL INVENTORY INDIAN RIVER COUNTY

OWNER	WELL	STATUS	WELL USE .	I.,	A	Т	L	0	N I	CASE	WELL	WELL	CHLORIDE	SAMPLE	GEPH
	ΙD			DE	MI	SE	DE	нī	SE	DEPTH	DEPTH	DIAM	MG/L	DATE	LOGS
GDC	IR99*	FLOWING	RECREATION	27	47	18	80	27	25			3.00	320.00	9/16/81	
I, R. COUNTY MC.	IR41*	FLOWING	UNUSED	27	51	ó	80	-26	42			4,00	294.00	27 2781	
J.V.D'ALBORA CO.	IR271	FLOWING	UNUSED	27	46	53	60	25	i 9			8.00	620.00	37 4782	
KNIGHT, C. REED	IR273	FLOWING	IRRIGATION	27	39	49	80	23	5 21			6.00	500.00	37 4782	
KRAFT, KURT H.	IR200	FLOWING	IRRIGATION	27	37	20	. 80	22	2 56			6,00	560.00	1/13/82	••••
MARTIN, GREGORY-TRUS	IR272	FLOWING	UNUSED	27	40	3	80	23	\$ 17			5.00	400.00	37:4782	••••
STRAZZULLA BROS, INC	IR199	FLOWING	IRRIGATION	27	37	19	80	22	56			6.00	600,00	1/13/82	
U.S. GOVT.	IR198	FLOWING	IRRIGATION	27	37	19	80	22	56		940	6,00	180.00	1/13/82	
UNDETERMINED	IR42*	FLOWING	IRRIGATION	27	51	11	80	26	, 44			4.00	321.00	5/18/91	
VERO BEACH FARMS	IR237	FLOWING	DOMESTIC	27	45	23	80	30	42			6,00	510.00	2/23/82	

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY LAKE COUNTY

OWNER	WELL STATUS	WELL USE	L A T DE MI SE	L O N CASE WELL DE MI SE DEPTH DEPTH	WELL CHLORIDE DIAM NG/L	SANPLE GEPH UATE LOGS
A.M. COLLINS, JR	L1*** FLOWING	RECREATION	29 10 27	81 32 11	10.00 1360.00) 2/2/82 -
UNDETERMINED		OTHER	29 10 2	81 31 27	4.00 410.00) 2/2/82 -

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ST. JOHNS KIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY MARION COUNTY

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OWNER	WELL ID	STATUS	WELL USE	L DE	A MI	T SE	L DE	0 1 M		CASE DEPTH	WELL DEPTH	UELL DIAM	CHLORIDE MG71.	SAMPLE DATE	GEPH LOGS
COUNTY RIGHT OF WAY	M2***	FLOWING	UNUSED	29	11	2	81	59	33			4.00	10.00	1718782	
G.C. HEINEMANN	M4***	FLOWING	OTHER	29	17	43	81	35	15			6.00			
HEINEMANN, G.C.	科罚米米米	FLOWING	OTHER	29	17	43	81	35	15			4.00			a
LARRY MOODY	M7***	FLOWING	RECREATION	29	12	38	81	35	20			6,00			20
PUNDEROSA SHORES, I	N M9***	FLOWING	OTHER	29	17	17	91	35	- 3	++		6.00			
PONDERROSA SHORES,	I M8***	FLOWING	OTHER	29	17	27	81	35	-4			6.00			
UNDETERMINED	M3***	FLOWING	OTHER	29	17	49	81	35	34			6+00	150.00	1/25/82	
UNDETERMINED	M6***	FLOWING	UNUSED	29.	17	40	61	35	12			4.00	••••		
VANCE, BILL	M1***	FLOWING	UNUSED	29	27	28	81	55	7			4.00	15.00	4/22/81	

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12/15/83

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY NASSAU COUNTY

OWNER	WELL	STATUS	WELL USE		A T U SE	l nc				WELL DEFTH	VELL DIAN	CHLORIDE MG/L	SAMPLE DATE	GEPH LOGS
	1. 1.1			LUC. PI	a os	1. C.	13.4	<i>о</i> с.	19621-9119	THEF. LEI	15 7 10 1	1107 C.	1.003 I Inc	1.000
JOHNSON LAKE	N21**	FLOWING	UNUSED	- 30- 3	5 49	81	38	54			5.00			
UNDETERMINED	N50**	FLOWING	DOMESTIC	30 3	4 5	81	31	18			4.00	30,00	3/20/81	
											2			

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY ORANGE COUNTY

OWNER WELL ID	STATUS	WELL USE	DE M	A I	T SE	L PE	0 MI	N SE	CASE DEPTH	WELL DEPTH	WELL ΩIAM	CHLORIDE MG/L	SAMPLE DATE	GEFH LOGS
CITY RIGHT OF WAY OR1**	FLOWING	UNUSED	28-3				58	34	-		2,00	390,00	2/ 5/82	- mj.
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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY PUTNAM COUNTY

OWNER	WELL I D	STATUS	WELL USE	L. DE	A MI	1	L. DE	0 IM		CASE	WELL DEPTH	WELL DTAM	CHLORIDE MG/L	SAMPLE DATE	6EPH 1068
	T X)			1.00.0) I.A.	•••	A.º 1	17.4	C/1	Titrit (1)	1. 1. 1 1 1 1	A1 / / / /	1.0327-63	a.//////	100 C. C. C.
CORPS OF ENGINEERS	P306*	FLOWING	OTHER	29	33	0	81	52	39	105	189	8+00	12.00	3/17/75	
GEORGIA PACIFIC	P434*	FLOWING	UNUSED	29	40	28	81	39	37			2.00	175.00	11/16/81	
MEELEY REED	P433*	FLOWING	RECREATION	-29	21	38	81	37	51			4,00	1755,00	1/28/82	
RAFAEL PUIG	P428*	FLOWING	UNUSED	29	45	16	81	34	56			6.00	155.00	11/16/81	
RAVINE STATE GARDENS	F418*	FLOWING	UNUSED	29	37	52	81	38	34			3,00	210.00	11/16/81	
S.C.L. RAILROAD	P425*	FLOWING	UNUSED 1	. 29	35	45	81	40	59			2.00		****	
UNDETERMINED	F1.7**	UNUSED	UNUSED	29	34	39	81	52	42			3.00	15.00	3/31/81	
UNDETERMINED	F414*	FLOWING	UNUSED	29	35	31	81	37	41			3.00	195.00	4/22/81	
UNDETERMINED	P415*	FLOWING	OTHER	29	26	34	81	35	33			0,00	-4-1		
UNDETERMINED	P419*	FLOWING	UNUSED	29	41	45	81	37	23			2.00	95,00	11/18/81	
UNDETERMINED	P424*	FLOWING	UNUSED	29	40	12	81	36	51			4.00	285.00	12/ 9/81	
UNDETERMINED	P429*	FLOWING	UNUSED.	29	39	42	. 81	36	1.2			4.00	180.00	11/18/81	****
UNDETERMINED	P430*	FLOWING	UNUSED	29	4 j.	10	81	35	33	···· '		4.00	355.00	12/ 1/81	
UNDETERMINED	P431*	FLOWING	UNUSED	29	26	7	81	31	55			6,00			
UNDETERMINED	P432*	FLOWING	UNUSED	29	40	32	81	37	22			4.00	110.00	12/ 9/81	
UNDETERMINED	F448*	FLOWING	UNUSED	29	37	59	81	38	35			4.00			
UNDETERMINED	P449*	FLOWING	UNUSED	29	33	58	- 81	43	39	·		4.00			
WHITEHEAD	P426*	FLOWING	STOCK	29	37	7	81	37	47			4,00	180.00	1/26/82	

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY ST. JOHNS COUNTY

OWNER	WELL	STATUS	WELL USE	Ł.	A	т	L.	0) N	CASE	WELL	WELL	CHLORIDE	SAMPLE	GEPH
	ID			DE	MI	SE	DE	M)	I SE	DEPTH	DEPTH	DTAN	MGZŁ.	DATE	1.065
		1													
GUAND WILDLIFE MGT.	SJ502	FLOWING	OTHER	30	5	33	- 81	21	15	••••		4.00	38,00	10/ 8/81	
GULF STREAM LAND & D	SJ508	FLOWING	UNUSED	30	3	38	81	-38	3 39		***	12.00	8.00	8/31/81	
ST JOHNS CTY R OF WA	SJ513	FLOWING	UNUSED	29	54	57	81	26	5 43			4,00	50,00	1728782	
ST. REGIS	SJ507	FLOWING	UNUSED	30	3	54	81	22	2 22		***	4,00	180.00	7/ 8/81	****
STEVE GREEN	SJ511	FLOWING	UNUSED	29	55	14	81	1.9	9 59		1500	5,00	110.00	10/ 8/81	
UNDETERMIND	SJ509	FLOWING	UNDETERMINED	30	3	55	81	23	5 9			4.00	100.00	10/ 7/81	
UNDETERMINED	SJ505	FLOWING	UNUSED	29	57	51	81	20	5 53	***		4.00	45.00	3/31/81	
UNDETERMINED	SJ506	FLOWING	UNUSED	29	56	46	81	26	5 38			4.00	45.00	3/31/81	
UNDETERMINED	SJ510	FLOWING	UNUSED	29	55	6	81	19	9	****		6,00	160.00	10/ 7/81	
UNDETERMINED	SJ512	FLOWING	UNUSED	29	49	23	. 81	1.6	5 23			6.00			
UNDETERMINED	SJ514	FLOWING	UNUSED	30	07	38	81	23	5 O Å	••••		6.00	· • • •	1.01	

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY SEMINDLE COUNTY

OWNER	WELL	STATUS	WELL USE	1	A	Т	L	Ű	И	CASE	WELL	DELL	CHLORIDE	SAMPLE	GEFH
	1.D			DE	MI	SE	DE	ΜI	SE	DEPTH	DEPTH	DIAM	MG/L	DATE	1.065
CORPTY FITCHET OF HAN	Contraction of the	1771 - 1791 - 17 N 177	()) () () () () () () () () (<i></i>						6 14 1 6 14 14		
COUNTY RIGHT OF WAY	S1***	FLOWING	UNUSED	29	44	4	81	16	-26		***	2.00	480,00	2/ 4/82	
STATE RIGHT OF WAY	52***	FLOWING	FUBLIC	29	43	5	81	19	-20			3.00	12.50	27 5782	
UNDETERMINED	S3***	FLOWING	RECREATION	29	40	10	81	-26	-28		••••	2.00			1.919

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REPORT ON THE FREE FLOWING WELL INVENTORY VOLUSIA COUNTY

OWNER	WELL	STATUS		WELL USE		Ĺ	A	т		ſ.,	0	Ν	CASE	WELL	WELL	CHLORIDE	SAMPLE	GEFH
	I D				Ľ	E.	ИI	SE	Ľ	E	ΜI	SE	BEPTH	DEPTH	101 AM	MGZL.	DATE	L065
J.E. PEARSON	V55**	FLOWING		UNUSED	2	9	56	21	8	1.	-5	38			1+00	30.00	2/ 3/82	
J.E. PEARSON	V56**	FLOWING	•	DOMESTIC	. 2	9	56	21	8	1	-5	38			2,00	30,00	27 3782	
L. WOODRUFF WILDLIFE	V54≭≭	FLOWING		OTHER .	2	9	3	24	8	1	22	22		,	3.00	100.00	27 2782	
LAWERENCE FARMS, INC	V51**	FLOWING		UNUSED	2	9	7	52	6	1	21	9			8,00	3780,00	27 2782	
LAWERENCE FARMS, INC	V52**	FLOWING		UNUSED	2	9.	7	48	8	1	21	9		~~~	8,00	1040,00	27 2782	••••
LAWERENCE FARMS, INC.	V53**	FLOWING -		UNUSED	2	9	7	46	. 8	1	21	9			8.00	1700.00	2/ 3/82	
MURRY SAMS	V49**	FLOWING		UNUSED	2	9	- 8	5	8	1	21	53			12.00	520,00	27 2782	
MURRY SAMS	V50**	FLOWING		UNUSED	2	9	8	5	8	1	2±	56			8,00	510.00	2/ 2/82	
STONE IS, HOMEOWNERS	V57**	FLOWING		UNUSED	2	9	50	42	8	1	14	8	****		8.00	450.00	27 3782	
STONE IS, HOMEOWNERS	V58**	FLOWING		UNUSED	2	9	50	44 -	· 8	1	14	1			3,00	620,00	27 4/82	
UNDETERMINED	V-0094	FLOWING		UNUSED	2	9	51	4.4	8	1	52	21			8.00	1070.00	2/ 4/82	
UNDETERMINED	V0096	FLOWING		UNUSED	. 2	8	52	13	8	1	16	55		-	0.00	25.00	27 4/82	
UNDETERMINED	V59 * *	FLOWING		UNUSED	2	8	52	45	. 8	1	21	43			3.00	1670.00	27 4/82	
UNDETERMINED	V60**	FLOWING	•	UNUSED	2	9	15	3	8	1	7	1.8		~~	4.00	70,00	1/21/82	**** b
UNDETERMINED	¥61.**	FLOWING		UNUSED	2	9	5	13	8	1.	2	47	 `		3.00	50,00	1/21/82	••••
W.L. TOMPKINS-LEASEE	V-0095	FLOWING		STOCK	2	9	10	15	8	1	21	57		••••	4.00		***	••••

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16 293 12/15/83

PAGE 1

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT LISTING OF ALL WELLS FLUGGED RY THE FREE FLOWING WELL PROGRAM BREVARD COUNTY

OWNER	WELL	STATUS	WELL USE	L.	A	Т	!	0	N	CASE	WELL	WELL
	ID			De	Mi	Se	De	M:i.	Se	DEPTH	DEPTH	DIAM
AQUIRINA	BR437	FLUGGEB	UNUSED	27	55	20	80	29	37	195	439	4.00
AQUIRINA	BR438	FLUGGED	UNUSED	27	55	32	80	29	21		****	3.00
BEACHWOODS	BR227	FLUGGED	UNUSED	⁵ 28	1	53	80	32	31	••••		1,50
BETHESDA RET HOME	BR17*	CONTROLLED	UNUSED	28	1	35	80	35	16	398	1360	14.00
BREVARD CO. MC	BR78*	PLUGGED	UNUSED	27	52	8	80	27	17	102	449	4.00
BREVARD CO. MC	BR80*	FLUGGED	UNUSED	27	52	27	80	28	3	103	406	4,00
BREVARD CO. MC	BRB1#	PLUGGED	UNUSED	27	52	31	80	28	7	103	203	4:00
BREVARD CO. MC	BR82*	FLUGGED	UNUSED	27	53	1	80	23	4			4.00
BREVARD CO. MC	BR83*	PLUGGED	UNUSED	27	53	5	80	28	4	103	465	4+00
BREVARD CO. MC	BR85*	PLUGGED	UNUSED	27	53	57	80	28	17			4.00
BREVARD CO. MC	BR86*	PLUGGED	UNUSED	. 27	54	25	80	28	38	101	358	4.00
BREVARD CO. MC	BR87*	PLUGGED	UNUSED	27	55	18	80	29	36		496 .	4.00
BREVARD CO. MC	.BR91*	PLUGGED	UNUSED	27	56	9	60	30	24		386	4.00
BREVARD CO. MC	BR93*	PLUGGED -	UNUSED	27	56	28	80	30	32	103	425	4+00
DNR-PARKS AND REC.	BR410	FLUGGED	UNUSED	27	52	17	80	27	21	81	392	4.00
UNDETERMINED	BR409	FLUGGED	UNUSED	27	52	11	80	27	22		466	4.00

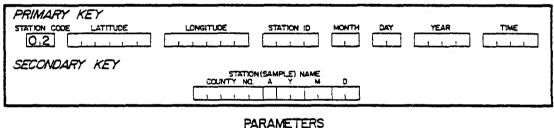
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HEADER FILE LATITUDE STATION CODE STATION ID LONGITUDE HYDROLOGIC UNIT COUNTY CODE 0,2 _<u>l. l__l__</u> . . ! 1____ . . . ı. . . TOPO QUAD STATION NAME TNSP QUADRANT SECTION RNGE , . • PROJECT NO. AQUIFER DEPTH CASING WELL PENETRATION DIAMETER 2,0,0,1,8,0,2 . 1 1 1 1 1 1 DATE DRILLED WELL USE CODE LEVELS RECORDER QW OWNERS NAME YE , 1 ..1 PERIOD OF RECORD OWNERS NAME (CONTINUED) STATUS YEARS MOS. FREDUENCY OR . . 1 1 1 1 1 1 1 EXTREME HIGH EXTREME LOW DAY MONTH YEAR STAGE DAY MONTH YEAR STAGE 1 1 . . . MEASURING POINT (معر) MEASURING POINT (MSL) PUMP TEST CODE ഥം هد نص <u>.</u> 1 1 . COMMENTS (72 SPACES) DATA SOURCE . 1 1 1 1 1 1 1 1 1 1 1.1 F . 4 1 , 1 1 1 1

WELL DATA BASE

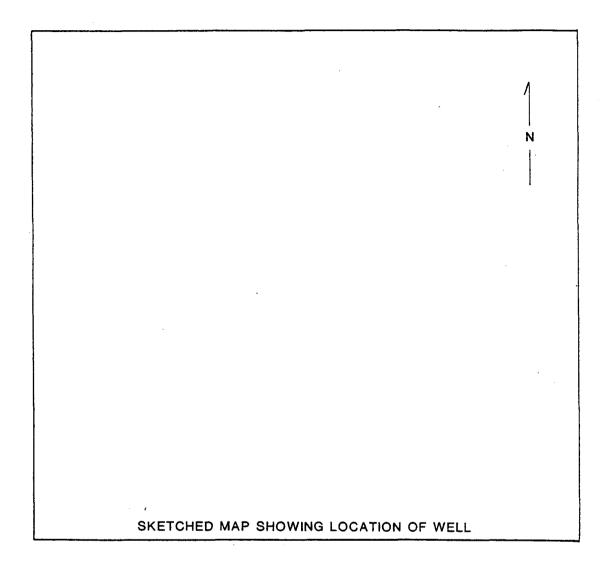
WATER QUALITY FILE

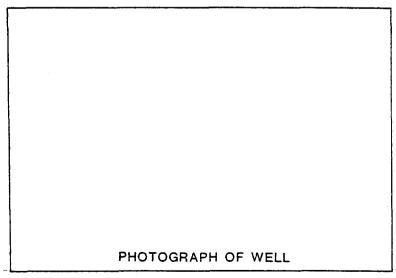


TEMPERATURE (°C) BICARBONATE WATER LEVEL (LSD) 0,0,4,4,0 7,2,0,1,9 0,0,0,1,0 1 3 CARBONATE CALCRIM WATER LEVEL (MSL) 7,2,0,2,0 0.0,4,4.5 0,0,9,1,5 <u>1.1.1</u> MAGNESIUM RON ELEVATION LSD 0,0,9,2,5 0,1,0,4,6 7.2.0.0.0 1 1. 1....1 1 1 1 ł 1 1 FLUGRIDE SODIUM 0,0,9,3,0 0,0,9,5,0 , 1 1 1 , 1 . STRONTIUM POTASSIUM 0.1.0.8.0 0,0,9,3,5 1 1 1 1 1 . PECIFIC CONDUCT. SALINITY 0.0.0.9.5 0.0,4,8,0 . WELL YIELD (GPM) CHLORICE 0.0.9,4,0 0,0,0,5,8 1 SULFATE TOTAL HARDNESS 0,0,9,4,5 0.0.9.0.0 . . SULFIDE NON-CARB. HARD. 0.0.7.4.6 0.0,9.0.2 . . 1 1 1 1 PH (FIELD) DISSOLVED SOL. (RES.) 0.0.4.0.0 7.0,3,0,0 1 1 1 1 1 UTAL ALKALINITY DISSOLVED SOL (SUM) 0.0.4.1.0 7.0.3.0.1 <u>1.1.1.1.1</u> 1 1 1 1 1 .

SWIS FORM 11/10/80

(Reduced from 8-1/2" X 14" Originals.)





(Reduced from 8-1/2" X 14" Originals.)

APPENDIX D

CONTRACTUAL AND COOPERATIVE AGREEMENTS

Between The

St. Johns River Water Management District

And The

Brevard County Board of County Commissioners

THIS AGREEMENT is entered into on the <u>13th</u> day of <u>January</u>, 1982, by and between the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, hereinafter the "DISTRICT", and the BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS, hereinafter "BREVARD COUNTY".

WHEREAS, the waters of the state are among its basic resources and it has been declared to be the policy of the legislature to promote the conservation, development, and proper utilization of surface and ground water, and

WHEREAS, a hydrologically isolated lens of fresh water has been identified in the Floridan aquifer in the South Beaches area of Brevard County, and that some of this fresh water is currently being lost through free flowing wells, and

WHEREAS, proper management of this freshwater resource is necessary to protect the water users' health, safety and welfare and to extend the life of the potable water supply, and

WHEREAS, BREVARD COUNTY, based on information from its "208" program and other water resources activities, has declared this waste of fresh water to be an emergency, and

WHEREAS, BREVARD COUNTY has received under separate agreement a commitment from a private interest to fund a separable portion of this pro-

WHEREAS, BREVARD COUNTY has requested the DISTRICT to participate in a cooperative water resource conservation and protection program, and

WHEREAS, the DISTRICT has been established to manage water resources within its geographical area.

IN CONSIDERATION of these premises and the mutual covenants and agreements hereinafter contained, it is agreed as follows:

1) THE DISTRICT

A) Shall obligate up to a sum of Twenty-Five Thousand Dollars (\$25,000) for services related to the plugging of the uncontrolled free flowing wells identified in Exhibit A.

B) Shall be responsible for administering and letting of bids and administration of subcontract work for the plugging of uncontrolled free flowing wells in accordance with DISTRICT policy and up to a maximum of Fifty Thousand Dollars (\$50,000). The DISTRICT shall provide BREVARD COUNTY with a copy of the bid specification for BREVARD COUNTY'S review and approval prior to notice for bids. Notice for bids shall be published in a newspaper of general circulation in Brevard County.

C) Will invoice BREVARD COUNTY upon execution of each contract as they are awarded for one-half (1/2) of the amount obligated for said service to be performed. The DISTRICT shall certify that the work has been satisfactorily completed by copy to Brevard of a paid bill to the contractor.

D) Shall provide the necessary professional and technical support to properly address all aspects of this program.

E) DISTRICT shall provide to BREVARD COUNTY monthly progress report of work contracted.

2) BREVARD COUNTY

A) Shall obligate up to a sum of Twenty-Five Thousand Dollars. (\$25,000) for services relating to the plugging of uncontrolled free flowing wells identified in Exhibit A and shall share expenses on a 50% basis with the DISTRICT for the services described in paragraph 1B above.

B) Will pay the DISTRICT for work invoiced by the DISTRICT up to a maximum of \$25,000.00 for work described in paragraph 1B above.

C) Shall be responsible for obtaining the consent of owner to plug free flowing wells and licenses for performing the above mentioned work.

3) DISTRICT and BREVARD COUNTY shall prepare a final report.

4) This agreement shall be effective upon the execution thereof and shall continue until September 30, 1982, except that performance of a contract executed prior to September 30, 1982, shall continue beyond that date and performance under Paragraph 5 shall continue beyond that date.

5) The DISTRICT agrees to indemnify and hold harmless BREVARD of and BREVARD agrees to indemnify and hold DISTRICT harmless of any liability

arising out of negligent acts of the DISTRICT and BREVARD, respectively, performed under this agreement.

IN WITNESS WHEREOF, the parties hereto have duly executed this agreement on the date and year ascribed above.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

<u>~i</u> By: Chairman

ATTEST:

Cher Northan Legal Form Content Approved

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

By:

ckham, Chairman Joe 1/14/82

ATTEST:

R. C. Winstead, Jr., Cle

AGREEMENT FOR

CONTRACTUAL SERVICES

BETWEEN THE

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

AND runto will Drille

WITNESSETH:

WHEREAS, the DISTRICT desires to plug uncontrolled flowing artesian wells in Brevard County and Indian River County; and

WHEREAS, the CONTRACTOR and the DISTRICT have reached an understanding on the type, extent, quality and time of performance and service and/or material to be rendered and the amount and method of compensation to be paid the CONTRACTOR on the project and both wish to reduce it to a written agreement.

NOW, THERFORE, IN CONSIDERATION of these promises and mutual covenants hereinafter set forth, the DISTRICT and CONTRACTOR agree as follows:

I. SCOPE OF SERVICES

Unless otherwise specified and in addition to those services set forth in the CONTRACT DOCUMENTS which comprise this entire agreement and are made a part hereof:

The CONTRACTOR will:

1. Provide one (1) complete drilling unit capable of reaming out boreholes and grouting boreholes 1000 feet or greater in depth; a truck capable of safely transporting 100 sacks of cement; all tools and accessories associated with the drilling unit; all tremie pipes and positive pressure pump, piston type or diaphram type; and all necessary manpower to effectuate the performance of this contract.

2. Be responsible for the required equipment to be on site and in good operating condition and ready to perform the required work.

3. Commence the work within ten (10) calendar days_after receipt of written order to proceed by the DISTRICT.

4. Commence and complete work as outlined by work order without interruptions or delays.

5. Follow verbal and written direction of DISTRICT representative assigned to the project.

6. Otherwise abide by all terms and conditions set forth in the CONTRACT DOCUMENTS.

The DISTRICT will:

 Provide all cement, additives, burlap socks for the QWIP plugs and like materials, excluding those materials to be furnished by the CONTRACTOR as specified in the CONTRACT DOCUMENTS.

2. Furnish a representative to be on site at all times while work is in progress.

II. FEES FOR SERVICES

1. The DISTRICT shall pay the CONTRACTOR for performance of the work and completion of each work order pursuant to the CON-TRACT DOCUMENTS, subject to modification as provided therein.

2. The DISTRICT shall make progress payments pursuant to the contract price as provided in the CONTRACT DOCUMENTS and upon approval by the DISTRICT of each application for payment provided in the bid specifications.

III. INDEMNIFICATION

The CONTRACTOR agrees to defend, indemnify and save harmless the DISTRICT, its officers, agents and servants, and each and everyone of them against and from all suits or costs of every kind and description including suits, costs, claims and judgments of agents, servants or employees of the CONTRACTOR and of any subcontractors, and from all damages to which the DISTRICT or any of its officers, agents or servants may be subjected by reason of injury to the person or property of others resulting from the performance of the assignment, or through the negligence of the CONTRACTOR, its agents, servants, employees and sub-contractors arising out of the performance of this Agreement; or through any improper or defective machinery, implements of appliances used in the assignment, or through any act or omission on the part of the CONTRACTOR or its agents, servants, employees and sub-contractors.

The CONTRACTOR shall further defend, indemnify and save harm-

less the DISTRICT, its officers, agents and servants from all suits and actions of any kind or character whatsoever, which may be brought or instituted by any sub-contractor, materialman or laborer who has performed work or furnished materials in or about the Project or by, or on account of, any claims or amount recovered for any infringement of patent, trademark or copyright.

So much money due to the CONTRACTOR under and by virtue of the contract as shall be considered necessary by the DISTRICT may be retained by the DISTRICT and held until such suits, actions, claims or amounts have been settled, and suitable evidence to that effect furnished to the DISTRICT.

The obligations of the CONTRACTOR will not extend to any claim, damage, loss or expense arising out of a defect in drawings, opinions, reports, surveys, change orders, designs or specifications prepared or furnished by the DISTRICT, or arising out of the giving by the DISTRICT of erroneous directions or instructions required to be given to the CONTRACTOR, or the failure of the DISTRICT to give directions or instructions required to be given to the CONTRACTOR, provided such instructions or failure to give directions or instructions is the primary cause of the injury or damage.

IV. COMPLIANCE

The CONTRACTOR shall comply with all federal, state and local laws and ordinances applicable to the work or payment for work thereof, and shall not discriminate on the grounds of race, color, religion, sex or national origin in the performance of work under this Agreement.

The CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONTRACTOR to solicit or secure this Agreement; and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for the CONTRACTOR any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the awarding or making of this Agreement. For breach or violation of this warranty, the DISTRICT shall have the right to annul this Agreement with liability, or at its discretion, to deduct price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee from the Agreement.

The DISTRICT reserves the right to require the CONTRACTOR to remove any employee from the job or to shut down the job at no cost to the DISTRICT if, in the DISTRICT'S opinion, the CONTRAC-TOR or the employee is not doing the work as required by the Agreement and as directed by the DISTRICT Representative.

V. CONTRACT DOCUMENTS

The CONTRACT DOCUMENTS which comprise this agreement herein between the DISTRICT and CONTRACTOR shall be the following:

- (a) This agreement dated April 27, 1983.
- (b) Bid proposal
- (c) Special Conditions
- (d) General Conditions
- (e) Technical Specifications
- (f) Detailed Plugging Specifications

(g) Job Sites and Plans as Delineated in

Attached Appendices

(h) Any Modifications, Including Change Orders

VI. Neither the DISTRICT nor CONTRACTOR shall, without the prior written consent of the other, assign or sublet in whole or part its interest under any of the CONTRACT DOCUMENTS, and specifically, the CONTRACTOR shall not assign any monies due or to become due without the prior written consent of the DISTRICT.

VII. This Agreement may only be altered, amended or repealed by either party by duly executed written instrument. It is also agreed that this Agreement can be terminated and work suspended as specified in the General Conditions of the CONTRACT DOCUMENTS.

VIII. This Agreement is to be binding upon the DISTRICT, its successor or successors and upon the CONTRACTOR, its successor or successors, and shall be terminated in accordance with the provisions of the CONTRACT DOCUMENTS.

IN WITNESS WHEREOF, the parties hereto have accepted, made and executed this Agreement upon the terms and conditions above stated on the $\frac{24}{24}$ day of $\frac{440012}{1983}$.

WITNESSES

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

FRANCES S. PIGNONE/ CHAIRMAN

ATTEST

CAPEHAR: SECRETARY

tness

IDENT/VICE

PRESIDENT

ATTEST

LEGAL FORM AND CONTENT APPROVED

STAFF ATTORNEY

STATE OF FLORIDA COUNTY OF GLADES

Before me personally appeared George Crumb, to me well known and known to me to be the person described in and who executed the foregoin instrument, and acknowledged to and before me that he executed said instrument for the purposes therein expressed. WITNESS MY hand and official seal, this llth day of May A.D., 1983.

(SEAL)

Panela to Canibe Notary Public, State of Florida at large My commission expires:

Notary Public, State of Florida My Commission Expires Aug. 2, 1986 Bonded Thru Froy Fain Insurance, Inc.

CONTRACTOR'S PERFORMANCE BOND

STATE OF FLORIDA)

COUNTY OF BREVARD)

COUNTY OF INDIAN RIVER)

KNOWN ALL MEN BY THESE PRESENTS that <u>George and Arthur Crumb</u> <u>d/b/a Crumb Well & Drilling</u> as Principal, hereinafter called Contractor, and Allied Fidelity Insurance Co.

as Surety, hereinafter called Surety, are held and firmly bound unto St. Johns River Water Management District, as Obligee, hereinafter called DISTRICT, in the amount of <u>TWENTY FOUR THOUSAND 00/100</u> Dollars (\$ 24,000.00) for payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

NOW THE TERMS OF THIS INDENTURE ARE:

WHEREAS, the Principal and Obligee have entered into the attached written contract dated ______, 19 for the performance of certain contractual work and services in a WELL PLUG-GING PROGRAM IN BREVARD COUNTY, FLORIDA.

NOW THEREFORE, if the Principal shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term of said contract and any extensions thereof that may be granted by the Obligee, with or without notice to the surety, and during the life of any guaranty required under the contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions, and agreement of any and all duly authorized modifications to the surety being hereby waived, then this obligation to be void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the said Principal and said Surety hereto have caused these presents to be executed this day of May 19 19 83.

WHEN THE PRINCIPAL IS AN INDIVIDUAL: Signed, sealed and delivered in the presence of: No. FS-106330

Secretary

Correct Name of Corporation

By: ·

President

(CORPORATE SEAL)

Allied Fidelity Insurance Co. Name of Surety 8945 N. Meridian, Indianapolis, Indiana Address of Surety

By:

Maria A. Rossie -Attorney-in-Fact-



8945 North Meridian Street • Indianapolis, Indiana 46260 • 1 (800) 428-5730

AC Nº 022100

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That this Power-of-Attorney is not valid unless attached to the bond which it authorizes executed. It specifies the LIMIT OF THE AGENT'S AUTHORITY AND THE LIABILITY OF THE COMPANY, HEREIN.

THE AUTHORITY OF THE ATTORNEY-IN-FACT and THE LIABILITY OF THE COMPANY

SHALL NOT EXCEED + + + + FIFTY THOUSAND DOLLARS + + +

USE OF MORE THAN ONE POWER VOIDS THE BOND

ALLIED FIDELITY INSURANCE CO., an Indiana corporation, having its principal office in the

Maria A. Rossie

City of Indianapolis, State of Indiana, does hereby make, constitute and appoint:_____

in the City of	Coral Gables	, County of Dade
State of	.Florida	, its true and lawful attorney-in-fact, at <u>anywhere</u> ,
		, to make, execute, seal and deliver for and on its behalf, and
as its act and deed	i, bonds, and undertak	ings in behalf of court fiduciaries, who under the jurisdiction of a
court, administer	property held in trus	t; public official bonds; license and permit bonds; tax, lien, and

as its act and deed, bonds, and undertakings in behalf of court fiduciaries, who under the jurisdiction of a court, administer property held in trust; public official bonds; license and permit bonds; tax, lien, and miscellaneous bonds; required by Federal, State, County, Municipal Authority, or other obligees, provided that the liability of the company as surety on any such bond executed under this authority shall not in any event exceed the sum shown above.

THIS POWER VOID IF ALTERED OR ERASED

The acknowledgment and execution of any such document by the said Attorney-In-Fact shall be as binding upon the Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

- This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following By-Law adopted by the Board of Directors of Allied Fidelity Insurance Co. at a meeting duly called and held on the 29th day of April, 1982:

"The President shall have power and authority to appoint Attorneys-in-Fact, and authorize them to execute, on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other surety and writings obligatory in the nature thereof; and he may at any time in his judgment remove any such appointees and revoke the authority given to them; and with respect to any Certified Copy of any Power of Attorney, the signatures of any issuing or attesting officer, and the seal of the Company, may be affixed to such Power of Attorney or to any certificate relating thereto, by facsimile; and such facsimile signatures and facsimile seals shall be valid and binding on the Company, in the future, with respect to any bond, undertaking or instrument of suretyship, to which it is attached."

IN WITNESS WHEREOF, Allied Fidelity Insurance Co. has caused its official seal to be hereuntoaffixed and these presents to be signed by its duly authorized officers this 6th day of July, 1982.

Secretary

ALLIED FIDELITY INSURANCE CO.

Starold o. Croquart

President

THIS POWER DOES NOT AUTHORIZE THE EXECUTION OF BONDS FOR LOAN GUARANTEES D-13

STATE OF INDIANA SS:

.

On this 6th day of July, 1982, before me a Notary Public, personally appeared H. O. CROQUART and T. L. EADS, who being by me duly sworn, acknowledged said instrument to be the voluntary act and deed of said Corporation.

Notary Public, Marion County, Indiana My Commission Expires: 10/2/84

han E Notary Public

1. ONLY ONE POWER OF ATTORNEY MAY BE ATTACHED TO A BOND.

- POWER OF ATTORNEY MUST NOT BE RETURNED TO ATTORNEY IN FACT, BUT SHOULD REMAIN A PERMANENT PART OF THE OBLIGEE'S RECORDS.
- 3. THIS POWER DOES NOT AUTHORIZE EXECUTION OF BONDS OF NE EXEAT OR ANY GUARANTEE FOR FAILURE TO PROVIDE PAYMENTS OF ALIMONY SUPPORT OR WAGE LAW CLAIMS, OR BONDS FOR CRIMINAL APPEARANCE.

STATE OF INDIANA COUNTY OF MARION SS:

I, Frances A. Wilkinson, the Assistant Secretary of Allied Fidelity Insurance Co., do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Allied Fidelity Insurance Co., which is still in full force and effect.

This Certificate may be signed and sealed by facsimile under and by the authority of the following resolution of the Board of Directors of Allied Fidelity Insurance Co. at a meeting duly called and held on the 29th day of April, 1982:

"RESOLVED: That the use of a printed facsimile of the corporate seal of the company and of the signature of an Assistant Secretary on any certification of the correctness of a copy of an instrument executed by the President pursuant to the By-Laws appointing and authorizing an Attorney-in-Fact to sign in the name and on behalf of the company surety bonds, underwritings, undertakings or other instruments described in said By-Laws, with like effect as if such seal and such signature had been manually affixed and made, hereby is authorized and approved."

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said corporation, this

Frances Q. Wilken

Assistant Secretary