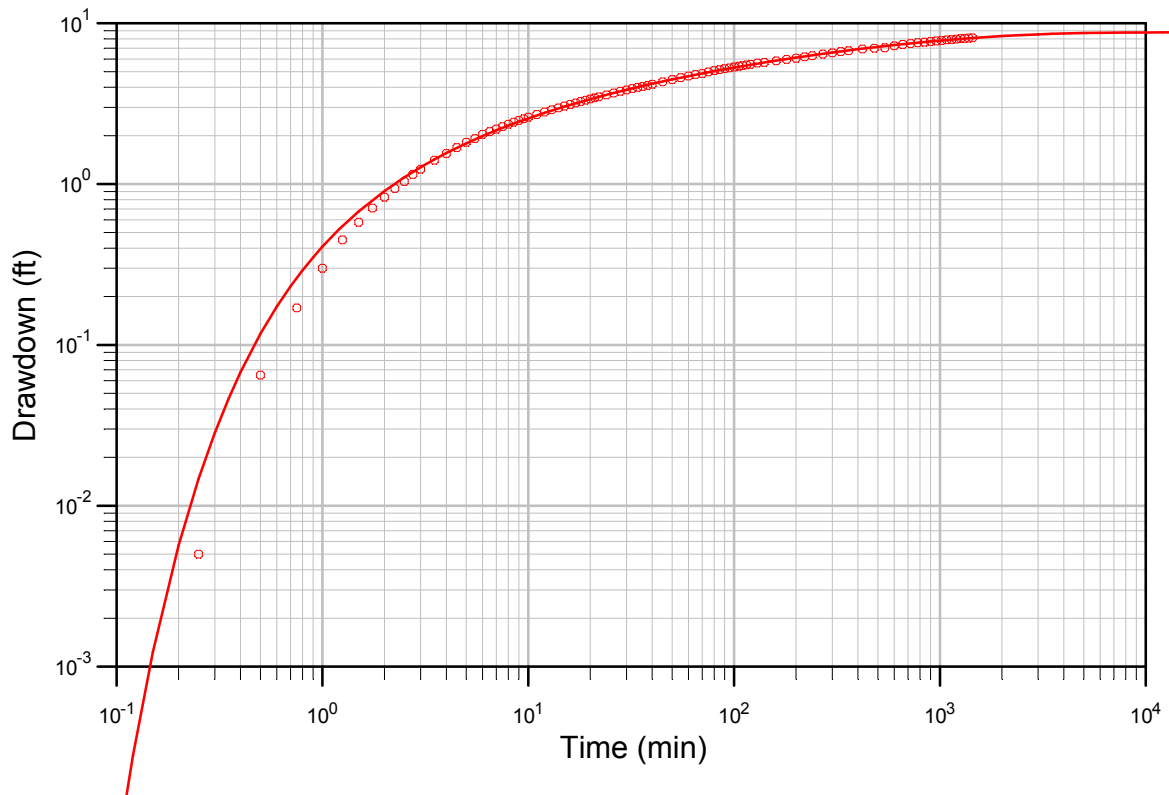
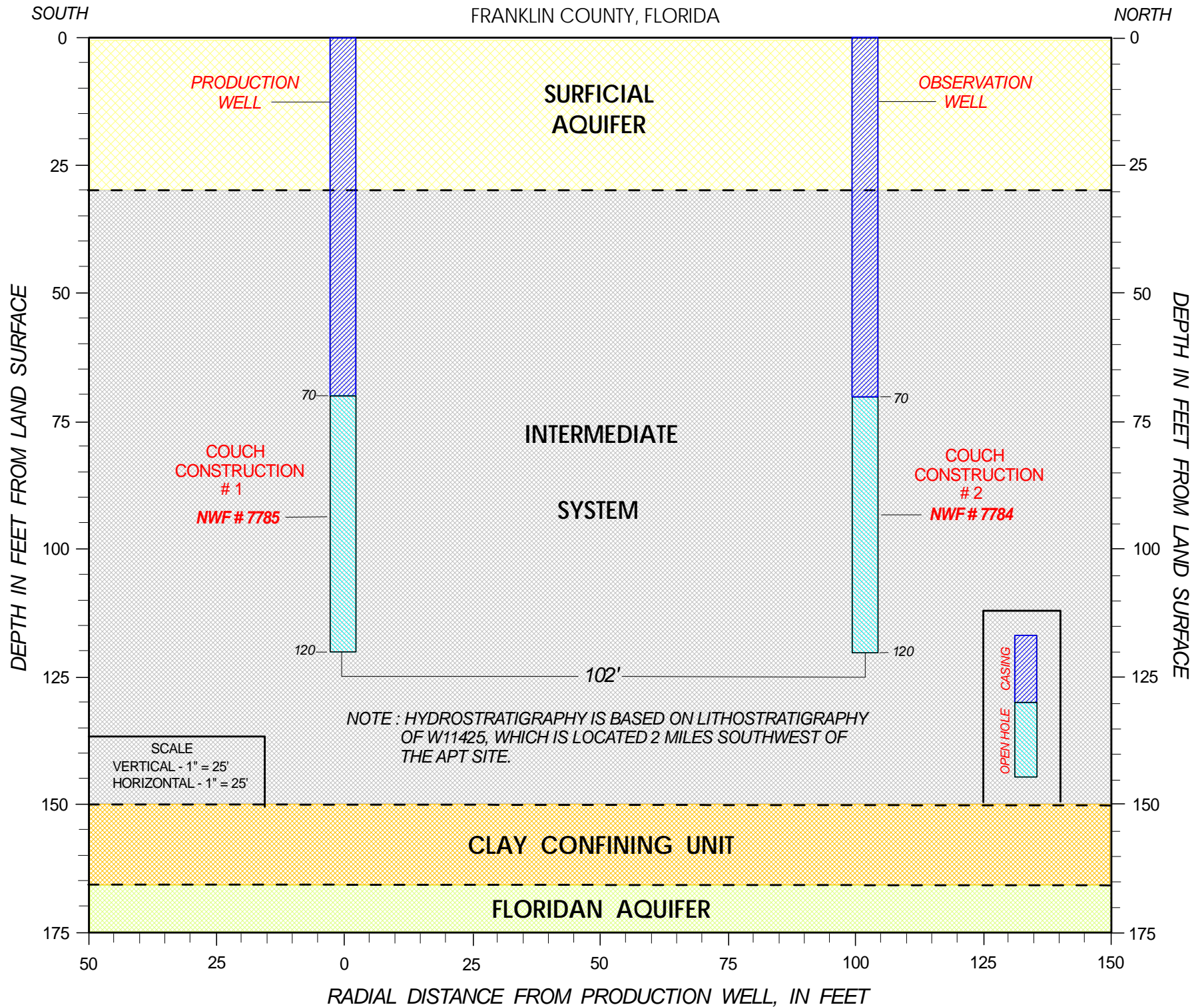


## Predicted Well Response



# COUCH CONSTRUCTION APT

FRANKLIN COUNTY, FLORIDA



<b>Couch Construction Intermediate System</b>		<b>Constant Discharge APT</b>		<b>Test conducted by NFWMD</b>		<b>Test date: 10/30/2000 and 10/31/2000</b>	
Production Well NWF_ID	pumpage rate (gal/min)	radial distance (ft)	Observation Well NWF_ID	elapsed time (min)	drawdown (ft)	elapsed time (min)	drawdown (ft)
<b>7785</b>	60	101.5	<b>7784</b>				
	elapsed time (min)	drawdown (ft)	elapsed time (min)	drawdown (ft)	elapsed time (min)	drawdown (ft)	
	0.25	0.005	28	3.78	780	7.58	
	0.5	0.065	30	3.85	840	7.64	
	0.75	0.17	32	3.93	900	7.71	
	1	0.3	34	4	960	7.77	
	1.25	0.45	36	4.05	1020	7.82	
	1.5	0.58	38	4.11	1080	7.89	
	1.75	0.71	40	4.18	1140	7.93	
	2	0.83	45	4.33	1200	7.98	
	2.25	0.94	50	4.47	1260	8.03	
	2.5	1.04	55	4.59	1320	8.06	
	2.75	1.15	60	4.7	1380	8.1	
	3	1.24	65	4.81	1440	8.13	
	3.5	1.41	70	4.88			
	4	1.55	75	4.99			
	4.5	1.69	80	5.08			
	5	1.82	85	5.15			
	5.5	1.92	90	5.22			
	6	2.04	95	5.28			
	6.5	2.12	100	5.35			
	7	2.2	105.5	5.41			
	7.5	2.28	110	5.46			
	8	2.36	115	5.51			
	8.5	2.43	120	5.56			
	9	2.49	130	5.66			
	9.5	2.55	140	5.71			
	10	2.61	160	5.85			
	11	2.71	180	5.96			
	12	2.81	200	6.07			
	13	2.9	220	6.19			
	14	2.98	240	6.29			
	15	3.06	270	6.44			
	16	3.13	300	6.56			
	17	3.2	330	6.68			
	18	3.27	360	6.75			
	19	3.33	420	6.92			
	20	3.39	480	7			
	21	3.44	540	7.04			
	22	3.49	600	7.25			
	24	3.59	660	7.39			
	26	3.69	720	7.49			



# NWFWMD Well Inventory Database System Site Schedule

Printed: June 4, 2004 12:04

Site Id **294451084520201**

Site Type **G**

NWF ID **7785**

Well Name **COUCH CONSTRUCTION #1 APT PROD.**

State ID **AAD9608**

Owner **COUCH CONSTRUCTION**

Contact Person **UNKNOWN**

Phone

Street **4TH STREET**

City

State **FL**

Zip

County **Franklin**

Latitude **294451.03**

Longitude **845202.946**

Datum **NAD83**

Loc Method **Global Positioning Satellite (GPS)**

Land Net **S029T08SR06W**

Loc Accuracy **0.3 < 3 meters**

Loc Source **NWFWMD**

Elevation **20**

Datum **NGVD29**

Method **Topo Map using GPS and GIS**

Accuracy **>= 5 feet**

Source **NWFWMD**

Location Map **GOOSE ISLAND**

GW Region **Apalachicola Embayment Region**

Site Use **Withdrawal**

Water Use **Limited Use Public Supply**

Depth Of Well **120**

Depth Of Casing **70**

MP Distance From LSD **1.62**

Diameter **4**

Construction Data Source **Driller**

Casing Material **PVC**

Finish **Open Hole**

Driller License Number **1363**

Date of Construction **10/11/2000**

Construction Method **Hydraulic Rotary**

Screen Length

Screened Intervals

Water Level **-7.55**

Measure Date **10/30/2000**

WL Source **Driller**

WL Method **Electric Tape**

Hydrogeologic Units **Intermediate System**

Lift

Power

Horsepower

Pump Intake

Normal Yield

Spcap Discharge **63**

Spcap Source **Reported**

Spcap Discharge Method

Spcap Static Level **-9.17**

Spcap Pumping Level **-54.22**

Spcap Drawdown **45.05**

Hours Pumped **24**

Spcap **1.39**

### Field Water Quality

Temperature

Discharge

Specific Conductance

pH

Chloride

Consumptive Use Permit

Construction Permit **T200002586**

FL Geological Survey #

Abandonment Permit

DEP Public Supply #

Project #'s

Geophysical Log #

Depth Logged

Available LOG Data

Visited By **J\_CICHON**

Date Visited

Data Entered By **L\_WEIMERN**

Date Entered **02/12/2001**

Last Updated By **T\_PRATT**

Last Updated **06/04/2004**

Ambient Network

TRP, 01/27/2003, used as production well for a multi-well aquifer test conducted at this site by the NWFWMD. Couch Construction #2, 7784, was used as the observation well. Test has a 50-minute false start/early termination. Successful 24-hour test started at 4:08 PM on 10/30/2000. Production well pumped at ~60 gal/min.



**NFWFMD Well Inventory Database System  
Site Schedule**

Printed: June 4, 2004 12:06

Site Id **294451084520301**

Site Type **G**

NWF ID **7784**

Well Name **COUCH CONSTRUCTION #2 APT OBS.**

State ID **AAD9609**

Owner **COUCH CONSTRUCTION**

Contact Person **UNKNOWN**

Phone

Street

City **4TH STREET**

State **FL**

Zip

County **Franklin**

Latitude **294451.798**

Longitude **845203.036**

Datum **NAD83**

Loc Method **Global Positioning Satellite (GPS)**

Land Net **S029T08SR06W**

Loc Accuracy **0.3 < 3 meters**

Loc Source **NFWFMD**

Elevation **20**

Datum **NGVD29**

Method **Topo Map using GPS and GIS**

Accuracy **>= 5 feet**

Source **NFWFMD**

Location Map **GOOSE ISLAND**

GW Region **Apalachicola Embayment Region**

Site Use **Withdrawal**

Water Use **Limited Use Public Supply**

Depth Of Well **120**

Depth Of Casing **70**

MP Distance From LSD **1.5**

Diameter **4**

Construction Data Source **Driller**

Casing Material **PVC**

Finish **Open Hole**

Driller License Number

Date of Construction **10/13/2000**

Construction Method **Hydraulic Rotary**

Screen Length

Screened Intervals

Water Level **-7**

Measure Date **10/13/2000**

WL Source **Driller**

WL Method **Electric Tape**

Hydrogeologic Units **Intermediate System**

Lift

Power

Horsepower

Pump Intake

Normal Yield

Spcap Discharge

Spcap Source

Spcap Discharge Method

Spcap Static Level

Spcap Pumping Level

Spcap Drawdown

Hours Pumped

Spcap

**Field Water Quality**

Discharge

Temperature

pH

Specific Conductance

Chloride

Consumptive Use Permit

Construction Permit **T200002587**

FL Geological Survey #

Abandonment Permit

DEP Public Supply #

Project #'s

Geophysical Log #

Depth Logged

Available LOG Data

Visited By **J\_CICHON**

Date Visited

Data Entered By **L\_WEIMERN**

Date Entered **02/12/2001**

Last Updated By **T\_PRATT**

Last Updated **06/04/2004**

Ambient Network

TRP, 01/27/2003, used as observation well for multi-well aquifer test, radial distance = 101.5 ft. Test run by Jim Cichon. Couch Construct. #1 was production well. Test conducted 10/30 and 10/31/ 2000.