

### APT ANALYSIS

SITE: Alico C (HY207)  
Section 30 Township 45 S Range 33 E

REPORT: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GEOLOGIC DATA: pg. \_\_\_\_\_, \_\_\_\_\_

HY 207  
\_\_\_\_\_  
\_\_\_\_\_

DEPTH (LSD)	LITHOLOGY
0-53	sand
53-70	calcilutite, sand, low perm
70-140	sandstone, limestone
140-282	sand, clay, silt, low perm
282-294	limestone
310-350	calcilutite, dolomite, clay, low perm

Static Water Level at the site is approximately +25 ft. msl.

Base of the <sup>lower Tamiami</sup> aquifer at the site is estimated at -93 ft. msl.

#### WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Screen/ Open	Plane Coords.	
					r	X Y
PW	6	120	70	5(.02)	-	
15	2	10	5	↓	104.5	
10	2	120	70	↓	104.25	
25	2	10	5	↓	198.75	
20	2	120	70	↓	195.	
30	6	80	40	open	47.25	

#### INFLUENCING FACTORS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

APT: pg. \_\_\_\_\_

Started: 8/17/87, 1815  
Duration: 4585.1 m, 76.4 h  
Discharge: 343 gpm  
Recovery: 8/20/87, 1600, 961.27 m, 16.02 h

Comments:

- 1) all wells except 30 had two transducers as a double check
- 2) persons on site: Keith Smith, Art Tassinari
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

CONSULTANT'S ANALYSIS: pg. \_\_\_\_\_

Method: Cooper  
Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S	Sy	K' / b' <sup>gpd/ft<sup>3</sup></sup>
10	238,211	$9 \times 10^{-5}$	-	$2.21 \times 10^{-5}$
20	245,655	$1.9 \times 10^{-5}$	-	$6.43 \times 10^{-6}$
30	280,749	$6.52 \times 10^{-5}$	-	$1.26 \times 10^{-4}$

Comments:

Method: FWAP  
Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
10	259,694	$1.271 \times 10^{-4}$	-	-
20	<u>no match</u>	-	-	-
30	236,859	$2.781 \times 10^{-2}$	-	-

Comments:

Method: WHIP  
Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
10	247,000	$4.692 \times 10^{-4}$	-	-
20	353,000	$2.159 \times 10^{-5}$	-	-
30	442,816	$7.444 \times 10^{-5}$	-	-
All	314,534	$1.678 \times 10^{-4}$	-	-

Comments: couldn't compute K'/b'

REANALYSIS:

Method: \_\_\_\_\_

Results:

Well	Transmissivity (GPD/FT)	S	Sy	K' /b'
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: \_\_\_\_\_

Results:

Well	Transmissivity (GPD/FT)	S	Sy	K' /b'
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Storage	Sy	Leakance
<u>250,000 (ave)</u>	<u>5.8-110<sup>-5</sup> (ave)</u>	<u>/</u>	<u>5x10<sup>5</sup> gal/ft<sup>3</sup> (ave)</u>

C9-15 = 743 7 ft/d  
 C2-14 = 2.67x10<sup>-4</sup>

LT

REFERENCES:

C9 T - 48  
 B - 93  
 T 45

C2 T - 8  
 B - 48  
 T 40

location  
 477386  
 800825