

APT ANALYSIS

SITE: McDaniels Ranch
Section 22 Township 47 S Range 33 E

REPORT: letter to RCO-WU, Hydro designs

GEOLOGIC DATA: pg. , None

DEPTH (LSD)	LITHOLOGY

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

Base of the ^{lower Tamiami} aquifer at the site is estimated at -120 ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Screen/ Open	r	Plane Coords.	
						X	Y
PW	?	118	60	open?	-		
obs	?	62	52	open?	206.9		

INFLUENCING FACTORS:

water level in pond about 120 feet from observation well started to decline about six hours into test that well declined steadily throughout test to max decline of 20 ft at end of test - probably affected leakage values - PW well possibly partially penetrating

APT: pg. _____

Started: 4/17/86, 1739
 Duration: 4080 m, 68 h
 Discharge: 765 gpm
 Recovery: 180 m, 3 h

Comments:

- 1) _____

- 2) _____

- 3) _____

- 4) _____

CONSULTANT'S ANALYSIS: pg. _____

Method: Copper
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b' gpd/ft ³
<u>06s</u>	<u>461,000</u>	<u>2.14 x 10⁻⁴</u>	<u>-</u>	<u>1.7 x 10⁻²</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: GWAP
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
_____	<u>419,538</u>	<u>2.77 x 10⁻⁴</u>	<u>-</u>	<u>-</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: WHIP
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
_____	<u>457,626</u>	<u>2.72 x 10⁻⁴</u>	<u>-</u>	<u>2.38 x 10⁻¹</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

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>450,000</u>	<u>2x10⁻⁴</u>	<u>/</u>	<u>2x10⁻¹ gpd/ft³</u>

ag K 22287
 CZ K' 1. 5 ft/d

REFERENCES:

HH313
 ag T -45
 B -72 (well depth)
 Th 27 (based on well depth)

CZ T -5
 B -45
 Th 40

Location X = 492,000
 Y = 744700