

APT ANALYSIS

24

SITE: GDC - Martin Co.

Section 9 Township 38 S Range 40 E

REPORT: Ground Water Resources Evaluation GDC - Martin Co.
Water Resources Study March 1978 Geraghty & Miller

716300
1639300

GEOLOGIC DATA: pg. _____, _____

WELL NUMBER OF WELL DESCRIBED: 4

DEPTH (LSD)	LITHOLOGY
0-20	sand, very fine, brown with silt, clayey, organic
20-30	sand, fine to coarse, lt. gray, 20-30% shell fragm.
30-40	sand, fine to med., lt. gray, trace shell
40-45	sand, gray, fine to med., silty
45-50	sand, medium, gray, 5-10% shell fragm.
50-60	sand, very fine to med., gray, partially cemented, silt, shell fragm.
60-85	shell, large, white to tan, 70-90% fragments w/very fine to med sand, partial cement.
85-95	sand, very fine to fine, lt. gray, silty, 10% shell fragm., clayey
95-100	shell, large & shell fragm. partially cemented with fine grays and
100-110	sand, fine to coarse, lt. gray, shell fragm, some equina
110-125	sand, very fine to med., lt. gray, clayey

Producing zone interval: 95-110 (lsd) _____ (msl)

Aquifer name: _____

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

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius
<u>4</u>	_____	<u>125</u>	<u>95</u>	<u>95-107</u>	<u>.030</u>	<u>0</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

INFLUENCING FACTORS:

APT: pg. _____

Started: _____

Duration: 100 minutes

Discharge: 200-300 gpm

Recovery: _____

Comments:

1) Test continued until little or no change in drawdown occurred over successive increments of time

2) _____

3) _____

CONSULTANT'S ANALYSIS: pg. _____

Method: Recovery

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
<u>4</u>	<u>33,000</u>	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: Avg. value from all tests 20,000 gpd/ft

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

REANALYSIS:

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Specific Yield or Storage	Leakance
_____	_____	_____
_____	_____	_____

REFERENCES: