

**APT ANALYSIS**

⑥

**SITE:** Caulkins Grove

Section 19 Township 39 S Range 40 E

270430  
802215

**REPORT:** SFWMD Pump Test

704550E  
996900N

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

**WELL NUMBER OF WELL DESCRIBED:** ? Assume m42 - C. Bewier

DEPTH (LSD)	LITHOLOGY
0-10	Sand, medium, moderate brown
10-20	Shell, lt gray to brown, medium, 10% limestone
20-30	shell, broken, very light gray to dk gray
30-40	as above with medium grain sand
40-70	shell, lt brown, lt gray to dk gray, fine sand
70-80	shell, brown, lt gray to dk gray, fine sand, silt
80-100	shell, broken, lt gray to dk gray, fine-med sand
100-110	limestone, md. gray; shells, lt to dk gray; white silt
110-130	shell, broken, brown, lt to dk gray; limestone, md. gray, fine sand
130-140	shell, broken, lt to dk gray; fine sand, silt
140-160	clay, green

Producing zone interval: 10 - 160 (lsd) \_\_\_\_\_ (msl)

Aquifer name: \_\_\_\_\_

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

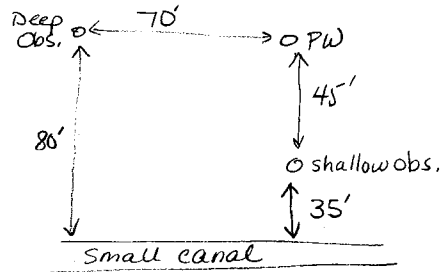
**WELL DESCRIPTIONS:**

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius
PW	_____	110	30	30-110	SCR	0
m42 Deep Obs.	_____	160	40	40-160	SCR	70'
m43 Shallow Obs.	_____	_____	_____	_____	_____	45
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**INFLUENCING FACTORS:**

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

APT: pg. \_\_\_\_\_  
 Started: 9/25/84 Test 4  
 Duration: 1140 min = 19 hours  
 Discharge: 378 gpm  
 Recovery: 120 min = 2 hours



- Comments:
- 1) Pump problems stopped 1st three attempts
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_

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

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

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
Deep Obs	28,879	_____	_____
Shallow obs.	173,275	_____	_____

Comments: \_\_\_\_\_

Method: Time Drawdown  
 Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
early Deep Obs	57,024	_____	_____
late Deep Obs	199,584	_____	_____
Shallow Obs	311,850	_____	_____

Comments: \_\_\_\_\_

Method: Recovery  
 Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
Early Deep Obs	64,381	_____	_____
Late " "	142,560	_____	_____
Shallow Obs.	332,640	_____	_____
Calcomp-Deep	46,084	_____	_____

Comments: \_\_\_\_\_

**REANALYSIS:**

Method: Neuman  
 Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
Hand plot <u>Deep</u>	<u>42,469</u>	<u><math>3.38 \times 10^{-4}</math></u>	_____
<u>Calcomp</u>	<u>46,084</u>	<u><math>3.67 \times 10^{-4}</math></u>	_____
_____	_____	_____	_____

Comments: \_\_\_\_\_

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

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

Comments: \_\_\_\_\_

**RECOMMENDED VALUES:**

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

**REFERENCES:**