

APT ANALYSIS

SITE: L-65

Section 5 Township 39 S Range 37 E

270630  
803855

REPORT: District test

614400  
1009600

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

WELL NUMBER OF WELL DESCRIBED: assume D-obs C'Brien 10/2/00

DEPTH (LSD)	LITHOLOGY
0-10	sand
10-20	shell, broken, sand
20-30	shell, broken, calcareous sandstone
30-40	shell (broken), sandstone, coquinaoid
40-50	shell (broken), sandstone
50-60	shell (broken), sandstone, sandy limestone
60-70	sand, medium, olive gray, shells
70-90	shell (broken), fine sand
90-120	broken shell, sandstone, green clay
120 <sup>?</sup> - 130-140	broken shell, fine sand, sandstone
140-150	fine sand, broken shell
150-180	green clay

Producing zone interval: 30-100' (lsd) \_\_\_\_\_ (msl)

Aquifer name: Surficial

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		100'	0-30'	30-100'		—
D-obs		180'	0-40'	40-180'		75'
S-obs		40'	0-20'	20-40'		27.7'

INFLUENCING FACTORS:

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

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

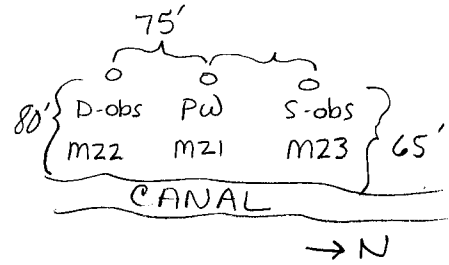
Started: \_\_\_\_\_ 1130 \_\_\_\_\_

Duration: 23 hours (1380 min)

Discharge: 339 gpm

Recovery: started at 10:30 AM lasted 2 hours (120 min)

Comments:



1) pump stopped at 480 min (8 hours), restarted and increased gpm to 400

2) \_\_\_\_\_

3) \_\_\_\_\_

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

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

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

Recovery  
D - T = 39,954 gpd/ft

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
D obs.	25,625	_____	_____
S obs.	107,915	_____	_____
_____	_____	_____	_____

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

Method: Distance Drawdown

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

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
D obs	24,185	_____	_____
_____	_____	_____	_____

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

Method: Time Drawdown

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

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
D obs	77,822	_____	_____
_____	_____	_____	_____

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

**REANALYSIS:**

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

	Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
Hand plot	<u>D Obs</u>	<u>32,374</u>	<u><math>6.30 \times 10^{-4}</math></u>	<u>Anisotropy .0035 70' = b</u>
Calcomp	<u>D</u>	<u>25,064</u>	<u><math>6.1 \times 10^{-4}</math></u>	<u>.0016 150' = b</u>

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

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

	Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
Calcomp	<u>D</u>	<u>33,780</u>	<u><math>6.02 \times 10^{-4}</math></u>	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

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

**RECOMMENDED VALUES:**

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

**REFERENCES:**