

APT ANALYSIS

SITE: A. Quernig  
Section 28 Township 43 S Range 28 E

REPORT: Klein, 1964

GEOLOGIC DATA: pg. \_\_\_\_\_, NONE

DEPTH (LSD)	LITHOLOGY

Static Water Level at the site is approximately \_\_\_\_\_ ft. msl.  
 Base of the <sup>sandstone aquifer (both zones?)</sup> aquifer at the site is estimated at \_\_\_\_\_ ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Screen/ Open	Plane Coords.	
					R	X Y
<u>HE 313 (PW)</u>		<u>125</u>	<u>?</u>	<u>?</u>		
<u>HE 312 (OBS)</u>		<u>125</u>	<u>?</u>	<u>?</u>	<u>1850</u>	

INFLUENCING FACTORS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

APT: pg. 54

Started: 5/20/58  
Duration: 8.5 h  
Discharge: 310 gpm  
Recovery: \_\_\_\_\_

Comments:

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

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

Method: Cooper

Well	Transmissivity (GPD/FT)	S	Sy	$K'/b'$
<u>HE 312</u>	<u>70,000</u>	<u><math>6.65 \times 10^{-4}</math></u>	<u>-</u>	<u><math>2.77 \times 10^{-6}</math></u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

GPD/FT<sup>2</sup>  
 $K'/b'$   
 $2.77 \times 10^{-6}$

Comments:

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

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

GPD/FT<sup>2</sup>  
 $K'/b'$   
 $2.77 \times 10^{-6}$

Comments:

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

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

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
70000	$6 \times 10^{-4}$	/	$2.8 \times 10^{-8}$ gpd/ft
_____	_____	_____	_____

**REFERENCES:**

H109

Aq K 234  $\frac{1}{2}$  ft/d  
 CE K'  $3.7 \times 10^{-7}$

Aq T -107  
 B -147  
 Th 40

CE T -7  
 B -107  
 Th 100

location \* 328300  
 Y 863950