

### APT ANALYSIS

**SITE:** RTA 5  
Section 20 Township 45 S Range 29 E

**REPORT:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

H118

DEPTH (LSD)	LITHOLOGY
0-10	limestone clay
10-90	clay sand shell limestone
90-110	shell pebbles limestone
110-160	congl. sandstone
160-180	sandy clay
180-260	limestone sand clay
260-280	sandstone limestone sand clay
280-340	clay limestone
340-380	limestone dolomite

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

Base of the <sup>sandstone (carbonate zone)</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>RTA 5</u>	_____	<u>200</u>	<u>165</u>	_____	_____	_____	_____
<u>OBI</u>	_____	<u>200</u>	<u>165</u>	_____	<u>78</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**INFLUENCING FACTORS:**

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

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

Started: 4/17/84

Duration: 20 h

Discharge: 65 gpm

Recovery: sgm

Comments:

1) \_\_\_\_\_

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

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

4) \_\_\_\_\_

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

Method: Cooper

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
<u>DB1</u>	<u>6.771</u>	<u><math>9.77 \times 10^{-5}</math></u>	<u>-</u>	<u><math>2.98 \times 10^{-5}</math></u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: GWAP

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
_____	<u>6.792</u>	<u><math>3.482 \times 10^{-5}</math></u>	<u>-</u>	<u>-</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: WHIP

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
_____	<u>6.439</u>	<u><math>3.2 \times 10^{-5}</math></u>	<u>/</u>	<u><math>1.22 \times 10^{-3}</math></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
6700	5x10 <sup>-5</sup>	/	1x10 <sup>-4</sup> gpd/ft <sup>3</sup>
_____	_____	_____	_____

AGK 9 2  
CZ K' 4x10<sup>-4</sup> 5

REFERENCES:

H(11R)

AG T -56  
B -156  
Th 100  
CZ T -26  
B -56  
Th 30

location X 357250  
Y 829150