

APT ANALYSIS

SITE: BTA-6
Section 16 Township 44 S Range 29 E

REPORT: _____

GEOLOGIC DATA: pg. _____, _____

HY 119

DEPTH (LSD)	LITHOLOGY
<u>0-120</u>	<u>sandstone, clay, limestone</u>
<u>120-140</u>	<u>soft sandstone, pebbles</u>
<u>140-300</u>	<u>hard sandstone, limestone, sand, clay</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

Base of the ^{sandstone (carbonate zone)} 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>HY 119 (AW)</u>	_____	<u>165</u>	<u>140</u>	_____	-	_____
<u>HF 556</u>	_____	<u>155</u>	<u>135</u>	_____	<u>201</u>	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

INFLUENCING FACTORS:

APT: pg. _____

Started: 4/29/84
Duration: 24
Discharge: 70 gpm
Recovery: _____

Comments:

- 1) _____
- 2) _____
- 3) _____
- 4) _____

CONSULTANT'S ANALYSIS: pg. _____

Method: Cooper

Well	Transmissivity (GPD/FT)	S	Sy	K' /b'
HE556	27,660	4.95×10^{-5}		
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: FWAP

Well	Transmissivity (GPD/FT)	S	Sy	K' /b'
	25,562	5.676×10^{-5}		
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: WHIP

Well	Transmissivity (GPD/FT)	S	Sy	K' /b'
	25,088	6.166×10^{-5}		2.13×10^{-4} gpd/ft
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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
26000	5×10^{-5}	_____	2×10^{-4} gpd/ft ³
_____	_____	_____	_____
_____	_____	_____	_____

Ag K 124 3 ft/d
 CZ K' 2.4×10^{-3}

REFERENCES:

HH III

Ag T -107
 B -135
 Th 28

CZ T -17
 B -107
 Th 90

location X 357820
 Y 840440