

APT ANALYSIS

SITE: Alico (USGS)
Section 14 Township 45 S Range 32 E

REPORT: Klein 1964

GEOLOGIC DATA: pg. _____, _____

DEPTH (LSD)	LITHOLOGY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

Base of the 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>HE300</u>	_____	<u>97</u>	<u>?</u>	<u>?</u>	-	_____	
<u>HE299</u>	_____	<u>72</u>	<u>↓</u>	<u>↓</u>	<u>615</u>	_____	
<u>HE301</u>	_____	<u>98</u>	<u>↓</u>	<u>↓</u>	<u>2300</u>	_____	
_____	_____	_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	_____	_____	

INFLUENCING FACTORS:

APT: pg. 54

Started: 6/26/58
Duration: 24h
Discharge: 870gpm
Recovery: _____

Comments:

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

CONSULTANT'S ANALYSIS: pg. _____

Method: Cooper
Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b' *
<u>HE 299</u>	<u>110,000</u>	<u>2.73×10^{-4}</u>	<u>-</u>	<u>1.08×10^{-6}</u>
<u>HE 301</u>	<u>120,000</u>	<u>2.03×10^{-4}</u>	<u>-</u>	<u>1.03×10^{-6}</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: _____
Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b' $\sqrt{\text{gpd/ft}^3}$
_____	_____	_____	_____	<u>2.4×10^{-8}</u>
_____	_____	_____	_____	<u>2.29×10^{-8}</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: _____
Results: _____

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
<u>115,000 (ave)</u>	<u>2.5×10^{-4} (ave)</u>	_____	<u>2.35×10^{-2} gpd/ft³</u>

LT

REFERENCES:

aquifer K. 440
CZ K' 1.3×10^{-7} B/d

ag Top
Bot
Th 35

CZ top
bot
th 45

location x = 466,790
y = 817,800