(20)

APT ANALYSIS

SITE: Woodside Development

Section 6 Township 38 S Range 41 E

REPORT: Aquifer Performance Test at Woodside Development 733850
by Geraghty & Miller (Jim Wheatley) 1041450

GEOLOGIC DATA: pg. ____, Observation Well

WELL NUMBER OF WELL DESCRIBED: 7, Assume Obs

DEPTH (LSD)	LITHOLOGY
0-5	Sand, brown, med to fine, abund. organics
5-15	Sand, lt brown gray, med. to fine, trace silt & clay
15-20	Sand, lt brown gray, med to fine, 10-15% silt & clay
20-30	Sand, off white, med. to fine, quartzite
30-35	Sand, dk tan, med to fine 10-15% silt & clay
35-41	clay, olive grayish, soft, pliable, 25% sand fine
41-46	shell, lt. gray, 75% fragments, 25% sand, med to fine
46-56	shell, lt gray, 50% shell, 50% sand, med to fine
56-62	clay, gray green, soft, pliable, trace sand fine
62-69	coquina, lt tan, shell fragm, loosely cemented

Producing zone interval: _____ (lsd) _____ (msl)

Aquifer name: _____

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

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Interval	Slot Size	Radius
PW	4			64-69		0
Obs	2					200

INFLUENCING FACTORS:

APT: pg. _____

Started: May 1, 1981

Duration: 24 hours

Discharge: 84.5 gpm

Recovery: _____

Comments:

1) Background WL stable prior to test

2) Discharge piped through sewage/drainage system through blowoff valves to nearby storm water retention area

3) _____

CONSULTANT'S ANALYSIS: pg. _____

Method: Cooper
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( ) day^{-1}
OBS	27,667	1.3×10^{-4}	1.7×10^{-3} gpd/ft3 2.27×10^{-4}

Comments: _____

Method: Hantush
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( ) day^{-1}
OBS	30,755	1.1×10^{-4}	1.7×10^{-3} gpd/ft3 2.27×10^{-4}

Comments: _____

Method: _____
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )

Comments: _____

REANALYSIS:

Method: _____
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )

Comments: _____

Method: _____
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )

Comments: _____

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Specific Yield or Storage	Leakance

REFERENCES: