

APT ANALYSIS

45

SITE: Monreve Ranch APT

727050
986500

Section 25 Township 39 S Range 40 E

REPORT: SFWMD Test

GEOLOGIC DATA: pg. _____, _____

WELL NUMBER OF WELL DESCRIBED: _____

DEPTH (LSD)	LITHOLOGY
0-7	Sand, fine to coarse, fused grains, 4-7' silty
7-10	sandstone, low perm, silty, micritic, mud indurated
10-20	Shells, w/sandstone, poss. high permeab, minor sand
20-30	Sand, yellow gray, med to coarse, shell 30%
30-74	interbedded shell, limestone/sandstone
74-80	Sandstone, low perm, silty, poorly indurated
80-85	Sand, green gray, low perm, micro to fine, micrite 20%
85-100	limestone, yellow gray, low perm, poor indur., 40% loose shell
100-111	shells, 10% micrite, 10% sand
111-124	limestone, light olive gray, low perm, poor indur., 45% micrite, 30% sand, shells
124-132	sand, olive gray, micro to fine, low perm., 15% micrite, 5% silt, 3% phosph. sand

Producing zone interval: 10-70' (lsd) _____ (msl) elev. 22'

Aquifer name: _____

Static Water Level at the site is approximately 20' ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius	Max Drawdown
PW	6"	70	30	30-70	.020	0	29.61'
1D	2	70	30	30-70	.020	49.3	5.43'
25	2	10	5	5-10	.020	99.5	2.68'
2D	2	70	30	30-70	.020	99.8	3.78
3D	2	70	30	30-70	.020	150	3.24

INFLUENCING FACTORS:

none

6159

(318)683 1107
(Randy Schneider) # Dade

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APT: pg. _____

Started: Dec 4, 1989 1700 (5:00PM)

Duration: 4320 min = 72 hours

Discharge: 136 gpm

Recovery: 720 min = 12 hours

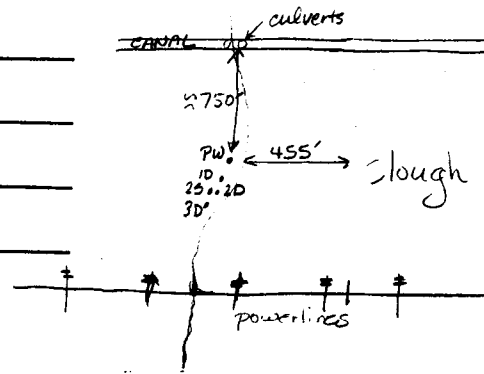
Comments:

1) no rain, clear, cold

Pump set at 40' below TOC (10' into screened interval)

2) Tried pumping @ 160 gpm pump pulled air & rate fluctuated wildly

3) _____



CONSULTANT'S ANALYSIS: pg. _____

Method: Neuman

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
1D-1	8425	4.00×10^{-4}	
2D	11,132	3.8×10^{-4}	
3D	22,265	1.98×10^{-4}	
2S	26,416	1.27×10^{-3}	

Comments: _____

Method: Cooper

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance (K'/b' days ⁻¹)
1D-1	6361	4.9×10^{-4}	.054
2D-2	14,167	3.89×10^{-4}	.0076
3D-2	22,264	1.98×10^{-4}	.0013

Comments: _____

Method: Recovery

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
1D1	28,723		
2D2	24,259		
3D2	30,627		

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: