

APT ANALYSIS

SITE: USSC - Southern Division Ranch Phase III
Section 9 Township 48 S Range 34 E

REPORT: Missimer

GEOLOGIC DATA: pg. _____, _____

DEPTH (LSD)	LITHOLOGY
0-7	sand
7-18	shell, calcarenite
18-35	clay
35-142	limestone

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

Base of the ^{lower Tamiama} aquifer at the site is estimated at ~ -150 ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Screen/ Open	Plane Coords.		
					r	X	Y
HM328	10	133	75	open	-		
HM329	4	95	75	↓	420		
HM332	4	10.5	12	Screen	420		
HM330	6	126	?	open	865		
HM331	4	95	75	↓	1200		

INFLUENCING FACTORS:

wells possibly partially penetrating

APT: pg. _____

Started: _____
 Duration: 4260 m, 71h
 Discharge: _____
 Recovery: ?

Comments:

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

CONSULTANT'S ANALYSIS: pg. _____

Method: curve matching
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
HM 329	490,000	2.6×10^{-4}	-	2.5×10^{-3}
HM 330	520,000	2.4×10^{-4}	-	3.4×10^{-3}
HM 331	430,000	3.3×10^{-4}	-	4.3×10^{-3}

Comments:

Method: GWAP
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
1 (HM 329)	441,000 - 530,912	1.84×10^{-4}	-	-
2 (330)	507,000	2.064×10^{-4}	-	-
3 (331)	441,000	2.984×10^{-4}	-	-

Comments:

Method: WITIP
 Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
1	458,300	2.692×10^{-4}	-	2.37×10^{-3}
2	422,422	2.564×10^{-4}	-	5.30×10^{-3}
3	446,107	3.106×10^{-4}	-	3.34×10^{-3}
All	433,840	3.045×10^{-4}	-	4.18×10^{-3}

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
450,000	2×10^{-4}	/	3×10^{-3} gpd/ft ³

REFERENCES:

ag K 1037 }
CZ K' 1.6×10^{-2} } ft/d

ag T -55
B -103
Tn 58
CZ T -15
B -55
Tn 40

estimates from well construction
and nearby wells

location x = 518500
y = 712850