

MEMORANDUM

Richmond, California
July 23, 1993

**Chevron Service Station No. 9-0329
340 Highland Avenue
Piedmont, California**

Mr. K.L. Kan,

As you requested, I have compiled the depth to water values, in tabular and graphical format, for wells C-2 to -4 at Chevron Service Station No. 9-0329.

It is apparent that the widely varying depth to water values measured in C-3 are the dominant factor that is controlling the apparent fluctuations in calculated gradient. The range in observed DTW for wells C-2, -3 and -4 is 1.6, 5.9 and 0.72 feet respectively.

It should be noted that only monitor well C-3 has had the top of groundwater measured within the consolidated bedrock. The water table in C-2 and -4 has been observed only in the overlying weathered bedrock and sand unit.

As was apparent during our March 16, 1993 site visit, the facility is located near the top of a hill which slopes to the south and west. It is likely that the local groundwater gradient is oriented in a similar south to west direction.

Please call me at CTN 242-1383 if you would like to discuss this site further.



Sheldon N. Nelson

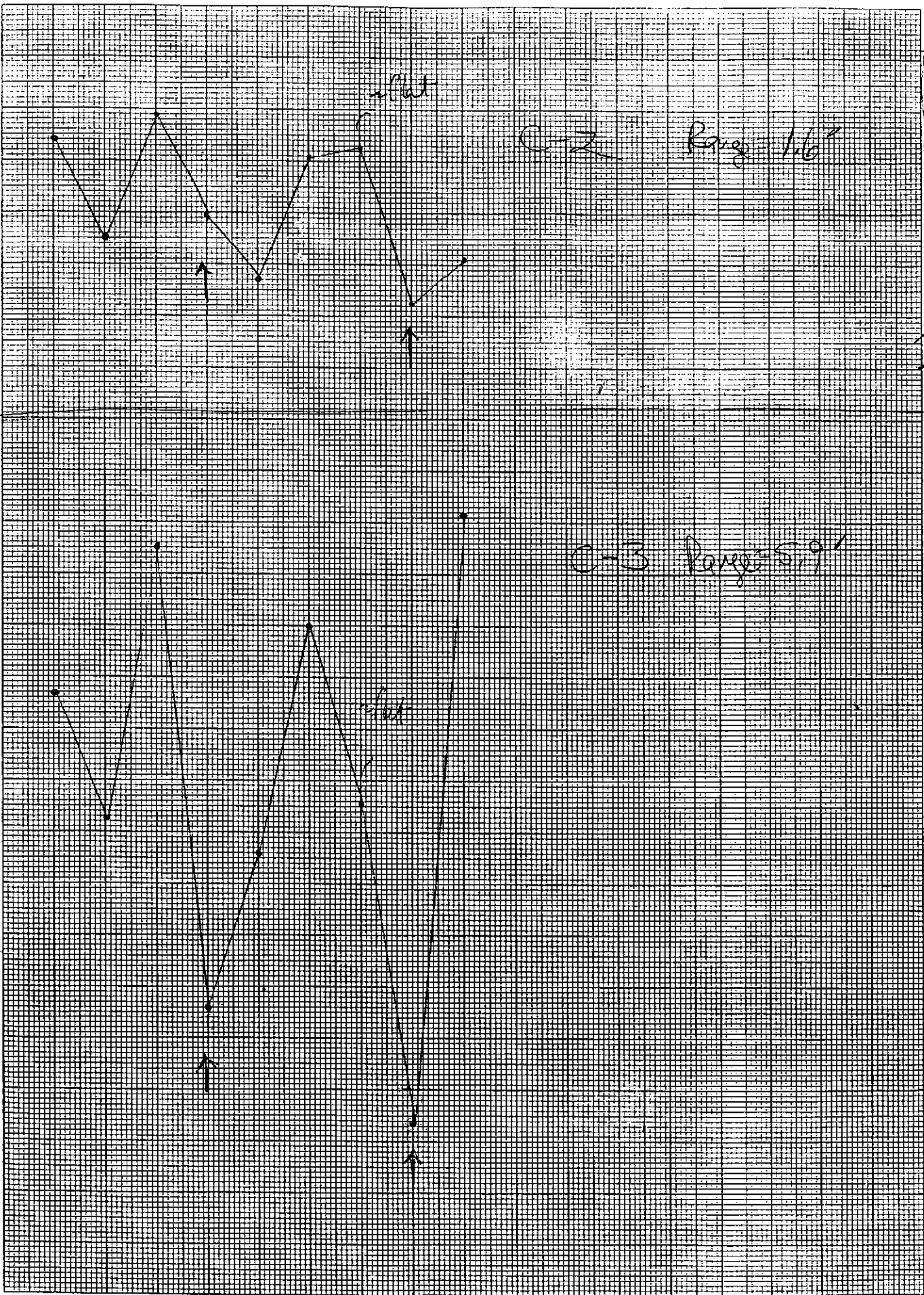
cc: T.E. Buscheck
J.L. Pease
J.W. Hartwig

Chevron Service Station 9-0329						
340 Highland Avenue						
Piedmont, California						
Depth to Water						
	Well C-2		Well C-3		Well C-4	
Date	DTW (feet BGL)		DTW		DTW	
8/7/89	2.88		4.29		Dry	
11/15/89	2.8		5.17		4.95	
2/1/91	3.75		6.38		4.78	
4/16/91	2.55		3.72		4.83	
10/16/91	3.52		8.2		4.23	
1/8/92	4.15		6.68		4.81	
4/10/92	2.96		4.5		4.26	
7/14/92	2.83		6.21		4.28	
10/5/92	4.38		9.31		4.29	
1/6/93	3.94		3.41		4.29	

Piedmont, CA. 10-29

STW

2'
3'
4'
5'
3'
4'
5'
6'
7'
8'
9'
10'



Sand
SS
Wet SS
SS

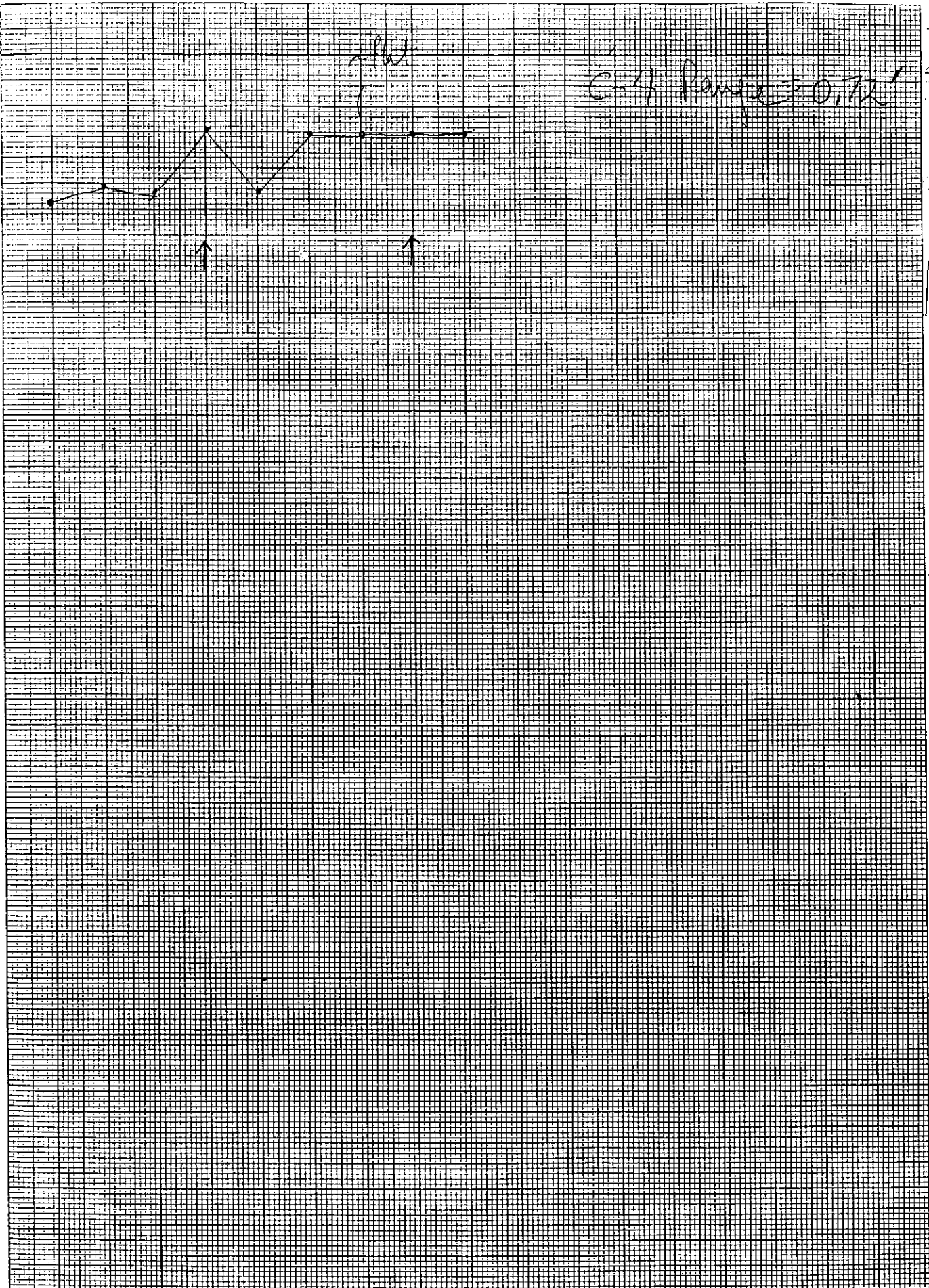
11/5/89 2/1/91 4/16/91 10/16/91 1/8/92 4/10/92 7/14/92 11/5/92 1/6/93

10

Piedmont, Ga. #9-0520

4

5



2
we. h.
S. 100

18
SS

11.06 11.01 11.05 11.02 4.10 7.46 12.01 1/1

CHEVRON SERVICE STATION 9-0329 PIEDMONT, CA

DEPTH TO WATER

