

I.C.T., INC.  
P. O. DRAWER #1341  
WEWOKA, OKLAHOMA 74884  
AREA CODE 405 - 257-2825

September 25, 1970

RECEIVED

OCT 15 1970

D. C. C.  
ARTESIA, OFFICE

Roger C. Hanks Oil Company

Midland, Texas 79701

Attn: Mr. Roger C. Hanks

Re: Water Analysis - Well  
Carlsbad, New Mexico

Dear Mr. Hanks:

Please find enclosed subject water analysis which have been run on your well at Carlsbad, New Mexico, and we have confirmed your request by having our chemist sign these before a Notary Public, regarding the true standards in which they were run.

I have asked him to introduce into this report the initial water analysis showing that sulfate reducing bacteria was present on our initial test. This is the one which you have received previously, but I wanted it in this report, whereby he would make it official - that he did do this work under API rules.

You will note on September 8, there are no sulfate reducing bacteria present in any of the following samples, which were run; therefore, confirming my opinion that these bacteria were introduced into this system through the surface water.

Please take notice of the August 21st water, total dissolved solids was 30,000, and on August 24, three days later, total dissolved solids, 6,600 - pH of course had changed, also with a smaller amount of total solids.

The chlorides, as you will notice, on August 24 was 13,645 - this dropped off to 1,541. Definitely this is not the same water for some reason. Again, on September 10, the chlorides have dropped down to 150, although the total dissolved solids has stayed on approximately the same plane. Please note the pH has dropped off considerably to the acid side of 5.45.

My plans are that I will be in Midland this coming week and I will definitely try to contact you during my stay in Midland.

Very truly yours,

I. C. T., INC.

Fred E. Cochran

FEC:jw  
Encl.