
INTEROFFICE CORRESPONDENCE

date January 9, 1980
to Distribution
from R. S. Hope *RSHope*
subject SUMMARY REPORT OF ATTEMPTS TO START FET-7-79 TEST RSH-1-80

Preparations were made to start the FET-7-79 long term injection test on 1-7-80. The start button to the pump in well #1 was pushed at 2115 hours. The pump did start but shut down after a brief 3 to 5 seconds. A second startup was tried at 2119 hours. The result was a power outage at the substation for about 3 seconds. The lights blinked out but came back on. However, all the digiquartz recorders had to be reset to the proper time. A third startup was tried at 2142 hours. The same result was a power outage at the substation for a few seconds. The lights blinked out and the digiquartz recorders had to be reset. No line fuses nor pump control panel fuses were blown at Site #1. Resistance checks were made on the leads to the downhole pump. The values were as follows:

T1 - T2	414 ohms	T1 - Gnd	5.5 ohms
T2 - T3	390 ohms	T2 - Gnd	430 ohms
T3 - T1	1.4 ohms	T3 - Gnd	5.4 ohms

Previous resistance readings on the same leads were taken on December 19, 1979. The values were as follows:

T1 - T2	1.8 ohms	T1 - Gnd	306000 ohms
T2 - T3	1.8 ohms	T2 - Gnd	306000 ohms
T3 - T1	1.8 ohms	T3 - Gnd	306000 ohms

Efforts were made on 1-8-80 to see if the short in the electrical lead cable was above ground or down in the pump. It was not found above ground. The lead cable was then pulsed to see if the short was in the pump. It appears

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that the short is in or near the pump. The lead cable to the pump down well number 2 was also pulsed to compare results with the pump in well 1.

ml

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