On August 10, 1964 between the hours of 7:40 P.M. and 8:35 P.M. 4,000 gal. of hydrochloric acid (30% strength) were injected into the bottom of the well under pressure. The gage pressure at the top of the well built up to 110 psi at 8:40 P.M. From 8:50 P.M. until 11:00 P.M. the pressure was maintained within the range of 60 to 80 psi. From 11:00 P.M. on August 10, 1964 to 8:00 A.M. on August 11, 1964 the pressure gradually fell to 2 psi at which time the blowoff valve was opened and the remaining pressure dissipated.

The acid pipe was removed and the bailer run to the bottom of the well. There was no evidence of deposition in the well. The static water level stood at 71'-5" below the top of the well casing.

The test pump was reset and tests showed the following results:

Date	Time	GPM	Pumping Level	Remarks
8/18/64				
	9:42 A.M.	Started Pumping		Static water level 71'-5"
	9:45	421	106'	
	9:53	421	112'	Iron 3.5 ppm
	10:05	421	116'	Water clear
	10:18	421	116'-9"	
	10:32	421	117'-8"	
	10:46	421	118'-7"	
	11:00	421	119'-3"	
	11:02	510	124'-3"	Increased speed
	11:04	510	131'	
	11:30	510	133'-11"	
	11:47	510	134'-3"	
	11:48			Increased speed
	11:57	626	158'-11"	
	12:15 P.M.	626	161'	
	12:30	620	160'-9"	
	12:32	855		Increased speed
	12:38			Water cloudy
	12:40	790	191'-9"	
	12:49	781	195'-1"	
	1:11	781	197'-1"	
	1:30	781	197'-9"	Water clearing up
	1:45	778	197'-3"	
	2:00	781	197'-6"	
	2:03			Reduced speed
	2:30	503	137'-11"	
	3:00	503	137'-1"	

Date	Time	GPM	Pumping Level	Remarks
	3:30	503	137'-1"	
	4:00	503	137'-2"	
	4:30	503	137'-0"	
	5:00	500	136'-6"	Total hardness 50 gr/gal Iron 3.5 ppm Manganese 0 pH 6.4
8/19/64				
	11:30 A.M.	836		Static water level 71'-5"
	12:00	786	190'	
	12:30 P.M.	781	193'	
	1:00	781	195'	
	2:00	781	196'	
	3:00	781	197'	Total hardness 45 gr/gal
	4:00	781	197'	pH 6.81
	5:00	781	197'-6"	Iron 3.0 ppm
	6:00	781	197'-6"	
8/20/64				
	8:00 A.M.	872	160'	Static water level 71'-5"
	8:30	790	172'	
	9:00	786	195'	Hardness 26 gr/gal
	10:00	781	195'	Alkalinity 260 ppm
	11:00	781	195'	Nitrates 0
	12:00	781	195'-4"	pH 7.0
	1:00 P.M.	781	197'	Iron 2.0 ppm
	2:00	781	197'	
	3:00	781	197'	
	4:00	781	197'	
	5:00	781	197'-6"	
	5:30	781	197'-6"	
8/21/64	8:00 A.M.	754		Static water level 71'-5"
	9:00	770	185'-6"	
	10:00	776	190'-0"	
	11:00	776	191'-6"	
	12:00	781	192'-6"	
	1:00 P.M.	781	195'	
	2:00	776	195'	Hardness 22 gr/gal
	3:00	776	196'	Iron 2 ppm
	4:00	765	192'	pH 7.0
	5:00	765	192'	Alkalinity 246 ppm
	6:00	765	192'	

Date	Time	GPM	Pumping Level	Remarks
8/24/64				
	8:15 A.M.	896	174'	Static water level 71'-5"
	9:00	786	193'	
	10:00	776	193'-9"	Hardness 18 gr/gal
	11:00	776	193'	Hardness 20 gr/gal
	12:00	776	193'	Iron 1.0 ppm
	1:00 P.M.	770	192'-3"	
	2:00	770	192'-8"	
	2:05	510	135'-2"	
	3:00	500	134'-10"	
	4:00	500	134'	
	4:30	855	170'	Hardness 18 gr/gal
	5:15	781	193'	Iron 1.0 ppm
8/25/64				
	11:00 A.M.	892	166'	Static water level 71'-5"
	11:30	800	171'	
	12:00	800	198'	
	12:30	800	199'	
	1:00 P.M.	800	200'	
	2:00	800	200'	
	3:00	800	200'	
	4:00	790	199'	
	5:00	790	199'-6"	
	6:00	790	200'	

Hourly Chemical Tests -- August 25, 1964

	Hardness Gr/gal	Iron ppm
11:05 A.M.	16	1.8
11:30	16	0.8
12:15 P.M.	16	0.4
1:00 P.M.	17	1.2
2:00	19	1.2
3:00	19	0.9
4:00	18	0.4
5:00	18	1.2
6:00	19	1.2

Date	Time	GPM	Pumping Level	Remarks
8/26/64				
	7:55 A.M.	912	135'	
	8:30	810	192'	
	9:00	800	193'	
	10:00	800	198'-6"	
	11:00	790	198'-6"	
	12:00	790	199'	
	1:00 P.M.	790	199'-6"	
	2:00	786	198'	
	3:00	786	198'	
	4:00	781	197'-6"	
	5:00	781	196'	
	5:25	781	196'	

Hourly Chemical Tests -- August 26, 1964

	Hardness Gr/gal	Iron ppm
8:00 A.M.	17	2.0
8:15	17	1.0
9:00	16	1.0
10:00	16	1.0
11:00	16	1.0
12:00	18	1.0
1:00 P.M.	19	1.0
2:00	19	1.0
3:00	18	1.0
4:00	19	1.0
5:00	18	1.0
5:25	18	1.0

Date	Time	GPM	Pumping Level	Remarks
8/27/64				
	8:30 A.M.	715	123'	Static water level 71'-6"
	9:00	620	157'	
	9:30	632	160'	
	10:00	503	136'	
	10:30	500	130'-6"	
	11:00	500	130'	
	12:00	503	130'-6"	
	1:00 P.M.	503	132'-6"	
	2:00	503	132'-6"	
	3:00	503	132'-6"	
	4:00	503	132'-6"	
	5:00	503	132'-6"	

Hourly Chemical Tests -- August 27, 1964

	Hardness Gr/gal	Iron ppm
10:00 A.M.	15	0.9
10:30	17	0.9
11:00	18	0.9
12:00	18	0.9
1:00 P.M.	18	0.9
2:00	17	0.9
3:00	16	0.9
4:15	17	0.9
5:00	17	0.9