93397

SHAWVER WELL COMPANY, INC.
TEST PUMPING REPORT
City of Clarion, IA - IA9909031 - WL04
Clarion, IA
Date: March 9, 2020 - March 10, 2020

Test Pump Crew:		Lucas Treangen & Mike Sparks			Length of Casing Above Ground: 34"
Depth of Well:		360'			
Size of Well:		14"			Miscellaneous: Readings were taken from the top of the casing.
SWL:		27.82'			10 Hour Test
Pump Model:		SSM10M			*Start Time: 03/09/20 2:00 pm*
Pump HP:		60HP			*End Time: 03/10/20 12:00 pm*
Length of Transducer:		231'			*1 Hour Recovery*
Depth of Pump:		210'			
		Clarion, IA Well #4			
Date/Time	GPM	PWL	Temp	Sand	Water/Pumping Details
3/9/20 1:50 PM	0	27.87	49.65		
3/9/20 1:51 PM	0	27.81	49.67		
3/9/20 1:52 PM	0	27.91	49.69		
3/9/20 1:53 PM	0	27.88	49.65		
3/9/20 1:54 PM	0	27.90	49.65		
3/9/20 1:55 PM	0	27.93	49.65		
3/9/20 1:56 PM	0	27.81	49.62		
3/9/20 1:57 PM	0	27.81	49.75		
3/9/20 1:58 PM	0	27.82	49.83		
3/9/20 1:59 PM	0	27.83	49.86		
3/9/20 2:00 PM	0	27.82	49.89		
START UP PUMP					
3/9/20 2:01 PM	1500	47.80	49.91		
3/9/20 2:02 PM	1500	49.86	49.93		
3/9/20 2:03 PM	1500	51.81	49.93		
3/9/20 2:04 PM	1500	51.98	49.94		
3/9/20 2:05 PM	1500	51.97	49.95		Existing City Well 24'
3/9/20 2:06 PM	1500	52.12	49.96		
3/9/20 2:07 PM	1500	52.19	49.95		
3/9/20 2:08 PM	1500	52.22	49.98		
3/9/20 2:09 PM	1500	52.29	49.97		
3/9/20 2:10 PM	1500	52.32	49.98		
3/9/20 2:11 PM	1500	52.39	49.98		
3/9/20 2:12 PM	1500	52.51	49.98		
3/9/20 2:13 PM	1500	52.47	49.97		
3/9/20 2:14 PM	1500	52.48	49.97		
3/9/20 2:15 PM	1380	52.72	49.98		
3/9/20 2:16 PM	1380	52.69	49.97		
3/9/20 2:17 PM	1380	53.62	49.97		
RESTART PUMP					
3/9/20 2:21 PM	1390	53.34	49.99		
3/9/20 2:22 PM	1390	53.62	49.98		
3/9/20 2:23 PM	1390	53.81	49.99		
3/9/20 2:24 PM	1390	53.83	49.97		
3/9/20 2:25 PM	1390	53.93	49.96		
3/9/20 2:26 PM	1390	53.81	49.98		
3/9/20 2:27 PM	1390	54.06	49.97		
3/9/20 2:28 PM	1390	54.09	49.98		

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Date/Time	GPM	PWL	Temp	Sand	Water/Pumping Details
3/9/20 2:29 PM	1390	54.11	49.97		
3/9/20 2:30 PM	1390	54.20	49.99	Trace	
3/9/20 2:35 PM	1390	54.38	49.99		
3/9/20 2:40 PM	1390	56.78	49.99		
3/9/20 2:45 PM	1500	56.96	49.98		
3/9/20 2:50 PM	1500	57.13	49.99		
3/9/20 2:55 PM	1500	57.34	49.98		
3/9/20 3:00 PM	1500	57.46	49.99	Trace	
3/9/20 3:30 PM	1500	58.18	49.97		Existing City Well 27' 5"
3/9/20 4:00 PM	1500	58.67	49.98		
3/9/20 5:00 PM	1500	59.34	49.98		
3/9/20 6:00 PM	1500	58.36	49.98		
3/9/20 6:30 PM	1500	58.83	49.98		
3/9/20 7:00 PM	1500	59.26	49.99		
3/9/20 7:30 PM	1500	59.65	49.93		Existing City Well 26'
3/9/20 8:00 PM	1500	59.84	49.97		
3/9/20 8:30 PM	1500	60.08	49.97		
3/9/20 9:00 PM	1500	60.16	49.71		
3/9/20 9:30 PM	1500	60.44	49.95		
3/9/20 10:00 PM	1500	60.50	49.99		
3/9/20 10:30 PM	1500	60.64	49.98		
3/9/20 11:00 PM	1500	60.76	49.98		
3/9/20 11:30 PM	1500	60.98	49.72		Existing City Well 26'
3/10/20 12:00 AM	1500	61.03	49.73		
3/10/20 12:30 AM	1500	62.38	49.71		
3/10/20 1:00 AM	1500	62.88	49.70		
3/10/20 1:30 AM	1500	63.38	49.71		
3/10/20 2:00 AM	1500	63.64	49.71		
3/10/20 2:30 AM	1500	63.96	49.71		
3/10/20 3:00 AM	1500	64.18	49.71		
3/10/20 3:30 AM	1500	64.25	49.72		
3/10/20 4:00 AM	1500	64.36	49.97		
3/10/20 4:30 AM	1500	64.48	49.97		
3/10/20 5:00 AM	1500	64.31	49.99		
3/10/20 5:30 AM	1500	63.29	49.98		
3/10/20 6:00 AM	1500	62.89	49.99		
3/10/20 6:30 AM	1500	62.70	49.77		
3/10/20 7:00 AM	1500	62.50	49.98		
3/10/20 7:30 AM	1500	62.40	49.96		
3/10/20 8:00 AM	1500	62.35	49.97		
3/10/20 8:30 AM	1500	62.28	49.97		
3/10/20 9:00 AM	1500	62.26	49.98		Existing City Well 24'
3/10/20 9:30 AM	1500	62.20	49.69		
3/10/20 10:00 AM	1500	62.20	49.82		
3/10/20 10:30 AM	1500	62.25	49.96		
3/10/20 11:00 AM	1500	62.23	49.97		
3/10/20 11:30 AM	1500	62.21	49.96		
3/10/20 12:00 PM	1500	62.16	49.99		
SHUTDOWN PUMP					

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3/10/20 12:01 PM	0	36.09	49.97		
3/10/20 12:02 PM	0	36.07	49.97		
3/10/20 12:03 PM	0	35.87	49.98		
3/10/20 12:04 PM	0	35.73	49.99		
3/10/20 12:05 PM	0	35.59	49.98		
3/10/20 12:06 PM	0	35.49	49.98		
3/10/20 12:07 PM	0	35.38	49.99		
3/10/20 12:08 PM	0	35.32	49.98		
3/10/20 12:09 PM	0	35.23	49.98		
3/10/20 12:10 PM	0	35.15	49.99		
3/10/20 12:11 PM	0	35.10	49.97		
3/10/20 12:12 PM	0	35.02	49.99		
3/10/20 12:13 PM	0	34.95	50.00		
3/10/20 12:14 PM	0	34.91	49.98		
3/10/20 12:15 PM	0	34.84	49.99		
3/10/20 12:16 PM	0	34.77	49.99		
3/10/20 12:17 PM	0	34.72	49.99		
3/10/20 12:18 PM	0	34.65	49.99		
3/10/20 12:19 PM	0	34.64	49.99		
3/10/20 12:20 PM	0	34.59	49.99		
3/10/20 12:21 PM	0	34.51	49.99		
3/10/20 12:22 PM	0	34.46	49.99		
3/10/20 12:23 PM	0	34.37	50.00		
3/10/20 12:24 PM	0	34.37	49.99		
3/10/20 12:25 PM	0	34.28	49.99		
3/10/20 12:26 PM	0	34.24	49.99		
3/10/20 12:27 PM	0	34.22	49.99		
3/10/20 12:28 PM	0	34.19	49.98		
3/10/20 12:29 PM	0	34.14	49.99		
3/10/20 12:30 PM	0	34.09	49.99		
3/10/20 12:31 PM	0	34.07	49.98		
3/10/20 12:32 PM	0	34.02	49.99		
3/10/20 12:33 PM	0	33.98	49.99		
3/10/20 12:34 PM	0	33.96	49.98		
3/10/20 12:35 PM	0	33.89	50.00		
3/10/20 12:36 PM	0	33.85	49.99		
3/10/20 12:37 PM	0	33.86	49.99		
3/10/20 12:38 PM	0	33.82	49.99		
3/10/20 12:39 PM	0	33.77	49.99		
3/10/20 12:40 PM	0	33.72	50.00		
3/10/20 12:41 PM	0	33.73	49.99		
3/10/20 12:42 PM	0	33.69	49.98		
3/10/20 12:43 PM	0	33.64	49.99		
3/10/20 12:44 PM	0	33.61	50.00		
3/10/20 12:45 PM	0	33.57	49.99		
3/10/20 12:46 PM	0	33.54	49.99		
3/10/20 12:47 PM	0	33.51	49.98		
3/10/20 12:48 PM	0	33.46	49.99		
3/10/20 12:49 PM	0	33.48	49.99		
3/10/20 12:50 PM	0	33.44	49.98		
3/10/20 12:51 PM	0	33.42	49.98		
3/10/20 12:52 PM	0	33.37	49.99		

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3/10/20 12:53 PM	0	33.36	49.99		
3/10/20 12:54 PM	0	33.33	49.98		
3/10/20 12:55 PM	0	33.29	50.00		
3/10/20 12:56 PM	0	33.26	49.97		
3/10/20 12:57 PM	0	33.22	49.97		
3/10/20 12:58 PM	0	33.22	49.98		
3/10/20 12:59 PM	0	33.17	49.98		
3/10/20 1:00 PM	0	33.16	49.98		
3/10/20 1:01 PM	0	33.13	49.98		
3/10/20 1:02 PM	0	33.13	49.97		
3/10/20 1:03 PM	0	33.08	49.97		