Results of Aquifer Test Analysis

for the

Triple T RV Resort Well
(HGCD Well No. 2120)

for

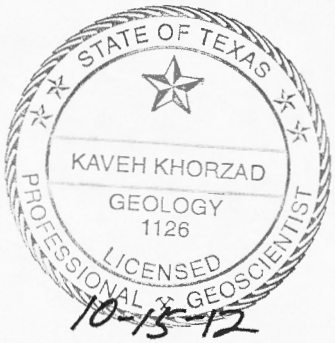
Headwaters Groundwater Conservation District
125 Lehmann Dr., Suite 100
Kerrville, TX 78028

WRGS Project No. 072-002-12

October 2012

Wet Rock Groundwater Services, L.L.C.
Groundwater Specialists
311 Ranch Road 620 South, Suite 103
Austin, Texas 78734
Phone: 512-773-3226 • www.wetrockgs.com
TBPG Firm No: 50038

The seal appearing on this document was authorized on October 15, 2012 by:



Kaveh Khorzad, P.G.
License No. 1126

Wet Rock Groundwater Services, LLC
TBPG Firm Registration No. 50038

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Wet Rock Groundwater Services, L.L.C.
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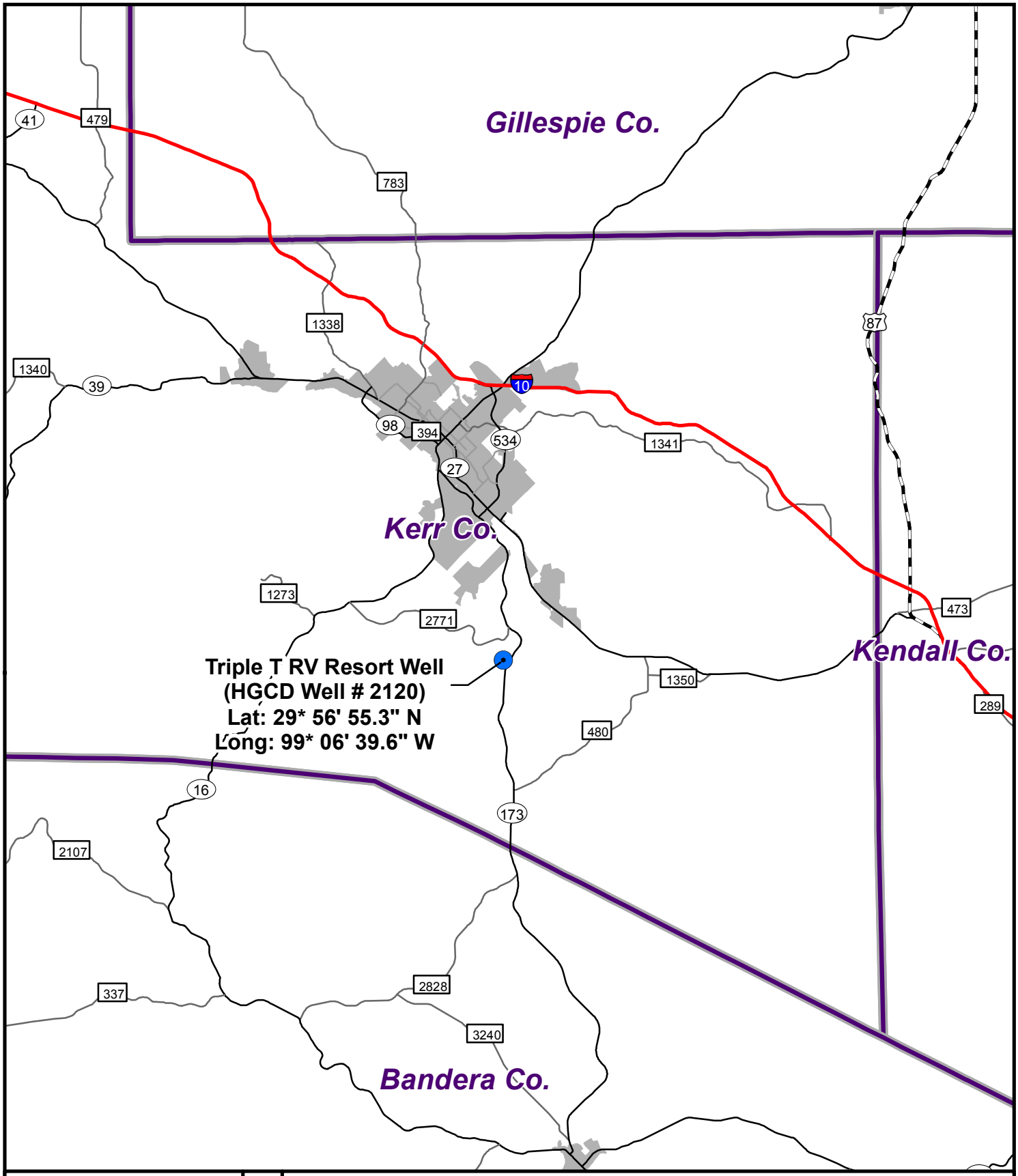
Headwaters Groundwater Conservation District
Triple T RV Resort Well (HGCD Well No. 2120)
Middle Trinity Aquifer

Contents

Attachment 1

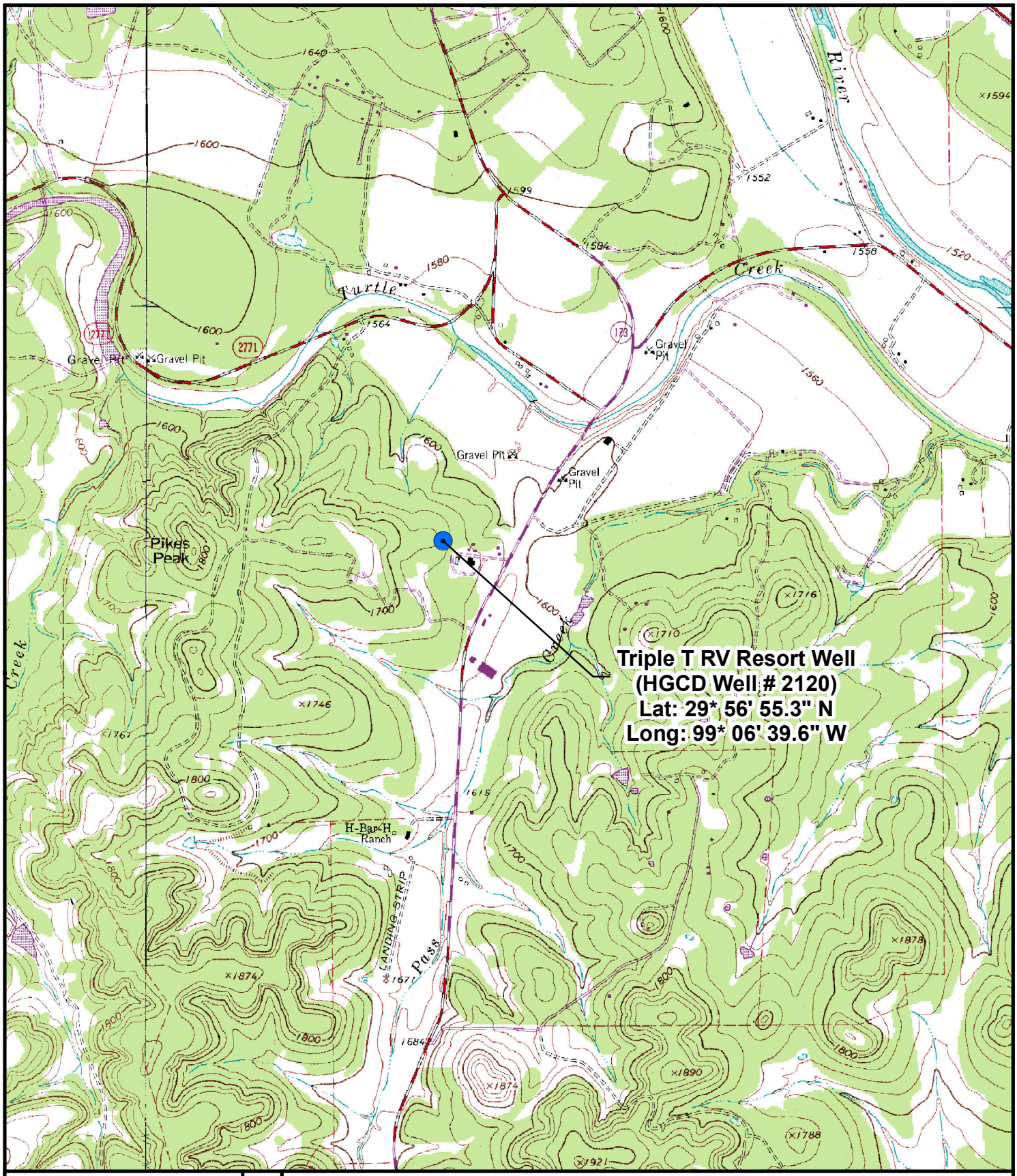
Well Location Map



Scale: 1 inch = 4 miles		Location Map
Drawn By: BB Date: 10-10-12	Triple T Resort	Wet Rock Groundwater Services, L.L.C.
Quad Name and No: Terrell Wells, Texas 29098-C5	Kerr County, Texas	*Groundwater Specialists*
Projection: UTM NAD 83 Zone 14		TBPG Firm No: 50038
		311 Ranch Road 620 South, Ste. 103
		Austin, Texas 78734 Ph: 512.773.3226
		www.wetrockgs.com

Attachment 2

U.S. Geological Survey Topographic Map



Scale: 1 inch = 2,000 feet		USGS Topographic Map
Drawn By: BB Date: 10-10-12		
Quad Name and No: Terrell Wells, Texas 29098-C5	**Triple T Resort**	Wet Rock Groundwater Services, L.L.C.
Projection: UTM NAD 83 Zone 14	**Kerr County, Texas**	*Groundwater Specialists*

TBPG Firm No: 50038
311 Ranch Road 620 South, Ste. 103
Austin, Texas 78734 Ph: 512.773.3226
www.wetrockgs.com

Attachment 3

Log Plot: Triple T RV Resort Well (HGCD Well No. 2120)

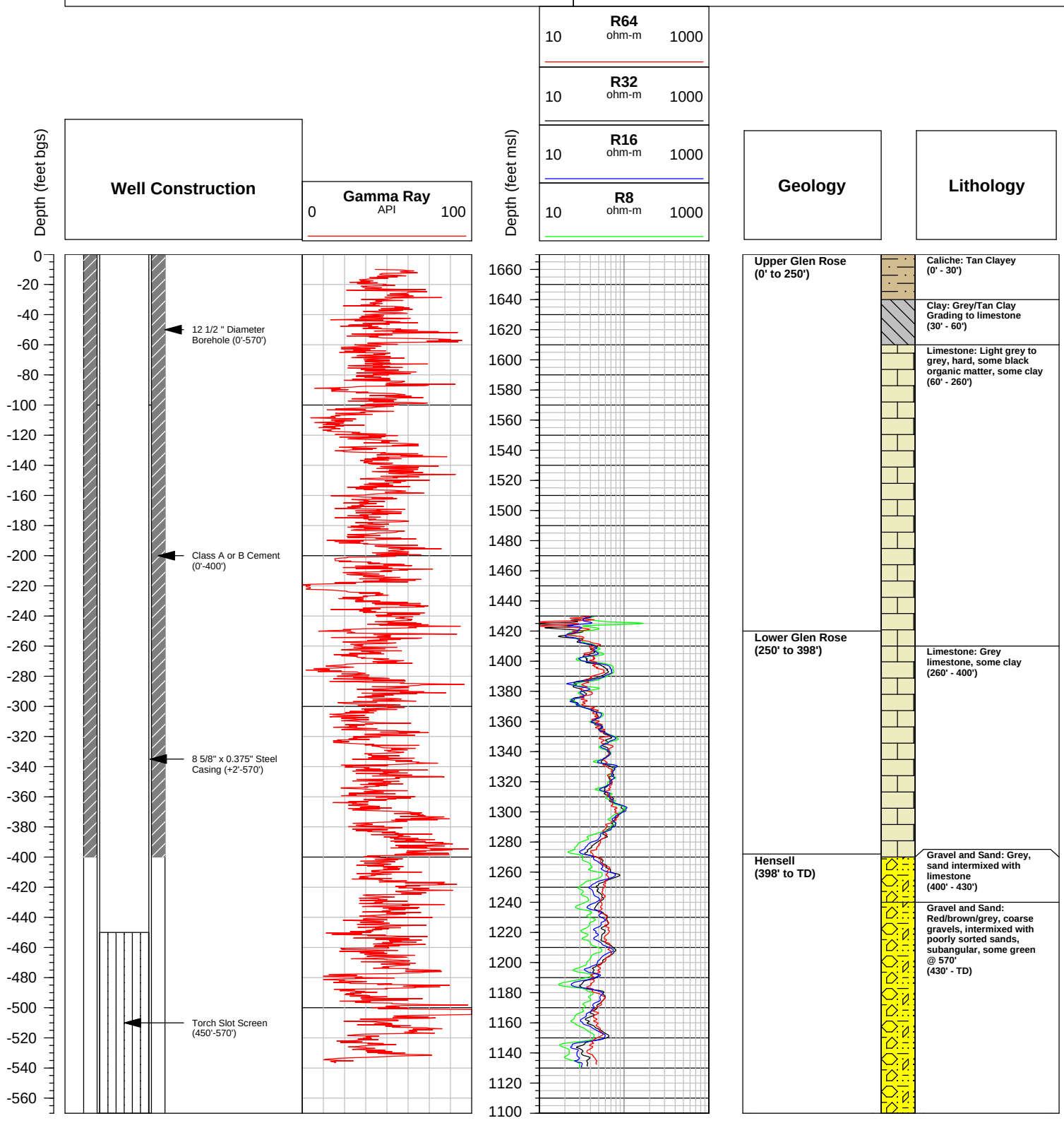
Wet Rock Groundwater Services, LLC

Groundwater Specialists

311 Ranch Rd. 620 S., Ste. 103
Austin, TX 78734
Ph: 512.773.3226 www.wetrockgs.com

Well Name: Triple T RV Resort Well (HGCD Well No. 2120)

Client:	**Headwaters GCD**	Elevation:	**1670 ft msl**
Location:	**Kerr County, TX**	Total Depth:	**570 ft bgs**
Drill Date:	**October 10, 2012**	Latitude:	**29*56'55.3" N**
Drilled By:	**Edmonds Drilling**	Longitude:	**98*06'39.6" W**



Attachment 4

State of Texas Well Report

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of Licensing and Regulation

Water Well Driller/Pump Installer Section
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us Web address: www.license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name:	Address:	City:	State:	Zip:
David Watterson	3900 Bandera Hwy	Kerrvill TX	TX	78028

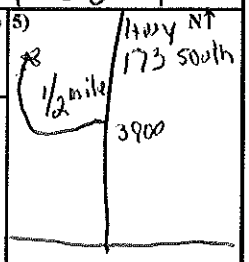
2) WELL LOCATION

Well # or # of wells drilled	County:	Physical Address:	City:
1	Kerr	3900 Bandera Hwy	Kerrville

Lat.	Long.	Grid #
29-56-55.3	99-06-39.6	69-08-4

3) Type of Work
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Extraction ☐ Frac ☐ Industrial ☐ Irrigation ☐ Injection ☐ Closed-Loop Geothermal ☐ De-watering ☐ Test well ☐ Rig Supply ☐ Stock ☐ Public Supply – If Public Supply, were plans approved? ☐ Yes ☐ No

5) 

6) Drilling Date
Started 6 / 29 / 2012
Completed 7 / 20 / 2012

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
12 1/2	Surface	570

7) Drilling Method (check)
☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Hollow Stem Auger ☐ Reverse Circulation ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	20	Rock & Dirt
20	30	Caliche
30	40	Blue shale
40	270	Blue Shale
270	300	Tan
300	410	Gray sand
410	430	Tan sand
430	435	Redbed
435	500	Tan sand
500	520	Coarse Gray sand
520	570	Tan sand (Coarse)

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☑ Gravel Packed ☐ Other
Gravel packed interval from 570 ft. to 400 ft. Size: 3/8

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
8 5/8	New	Steel	0	570	
		Torch Cut Screen	570	450	

9) Annular Seal Data: i.e. *(from 0 ft to 100 ft #sacks & material 13 cement)*
from 400 ft. to 200 ft. #sacks & material 35 5x5 Cmt
from 200 ft. to 0 ft. #sacks & material 70 5x5
from ____ ft. to ____ ft. #sacks & material ____
Method Used Tremmie Performed By Driller
Distance to septic field or other concentrated contamination 500 ft.
Distance to Property Line 30 ft
Method Verified: Tape Approved by Variance # ____

10) Surface Completion (If steel cased, leave blank)
☐ Surface Slab Installed ☑ Surface Sleeve Installed ☐ Pitless Adapter Used ☐ Alternative Procedure Used

11) Water Level
Static level 390 ft.below surface Date: 7/20/2012
Artesian Flow ____ gpm

12) Packers:

Type	Depth	Type	Depth

13) Plugged ☐ Well plugged within 48 hour

Casing left in well:

From (ft)	To (ft)	# Sacks & Material used

Cement/Bentonite placed in well:

From (ft)	To (ft)

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

15) Water Test
Type test ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with N/A ft. drawdown after 1 hrs.

16) Water Quality
Type of water ____ Depth of Strata: ____ Was a chemical analysis made? ☐ Yes ☑ No
Did you knowingly penetrate a strata which contains undesirable constituents? ☐ Yes ☑ No If yes, Continue:
Check One: ☐ Naturally poor-quality groundwater – type ____ ☐ Hydrocarbons (i.e. gas, oil, etc.)
☐ Hazardous material/waste contamination encountered ☐ Other (describe) ____

☐ *I certify that while drilling, deepening, or otherwise altering the above described well, undesirable water or constituents was encountered and the landowner was informed that such well must be completed or plugged in such a manner as to avoid injury or pollution.*

By signing this well report, I certify that I drilled or supervised the drilling of this well and that each and all of the statements herein are true and correct.

Company & Individual's Name: (type or print)	Edmonds Drilling Co.	Lic. No.:	58357
Address: PO 1552	City: Kerrville	State: TX	Zip 78029
Signature: Jack Blount (Licensed Driller/Pump Installer)	Date: 7/20/2012	Signature: (Apprentice)	Apprentice Reg. Number

Attachment 5

Table 1 - Well Construction Summary
Table 2 - Aquifer Testing Summary
Table 3 - Summary of Aquifer Testing Analyses

Table 1 - Well Construction Summary

Well	Hole Diameter (inches)	From (ft)	To (ft)	Casing Type	Casing Diameter (inches)	From (ft)	To (ft)
Triple T RV Resort Well (HGCD Well No. 2120)	12 1/2"	0	570	Steel	8 5/8	0	570
	-	-	-	Torch Slot Screen	8 5/8	450	570

Table 2 - Aquifer Testing Summary

Well	Static Water Level (ft bgs)	Static Water Level (ft MSL)	Q (gpm)	Drawdown (ft)	SC (gpm/ft)	Pumping Duration (hours)
Triple T RV Resort Well (HGCD Well No. 2120)	369.54	1,300.5	35	42.2	0.83	42.7

Notes: Q = discharge; SC = specific capacity; bgs = below ground surface; MSL = Mean Sea Level; gpm = gallons per minute; ft = feet

Table 3 - Summary of Aquifer Testing Analyses

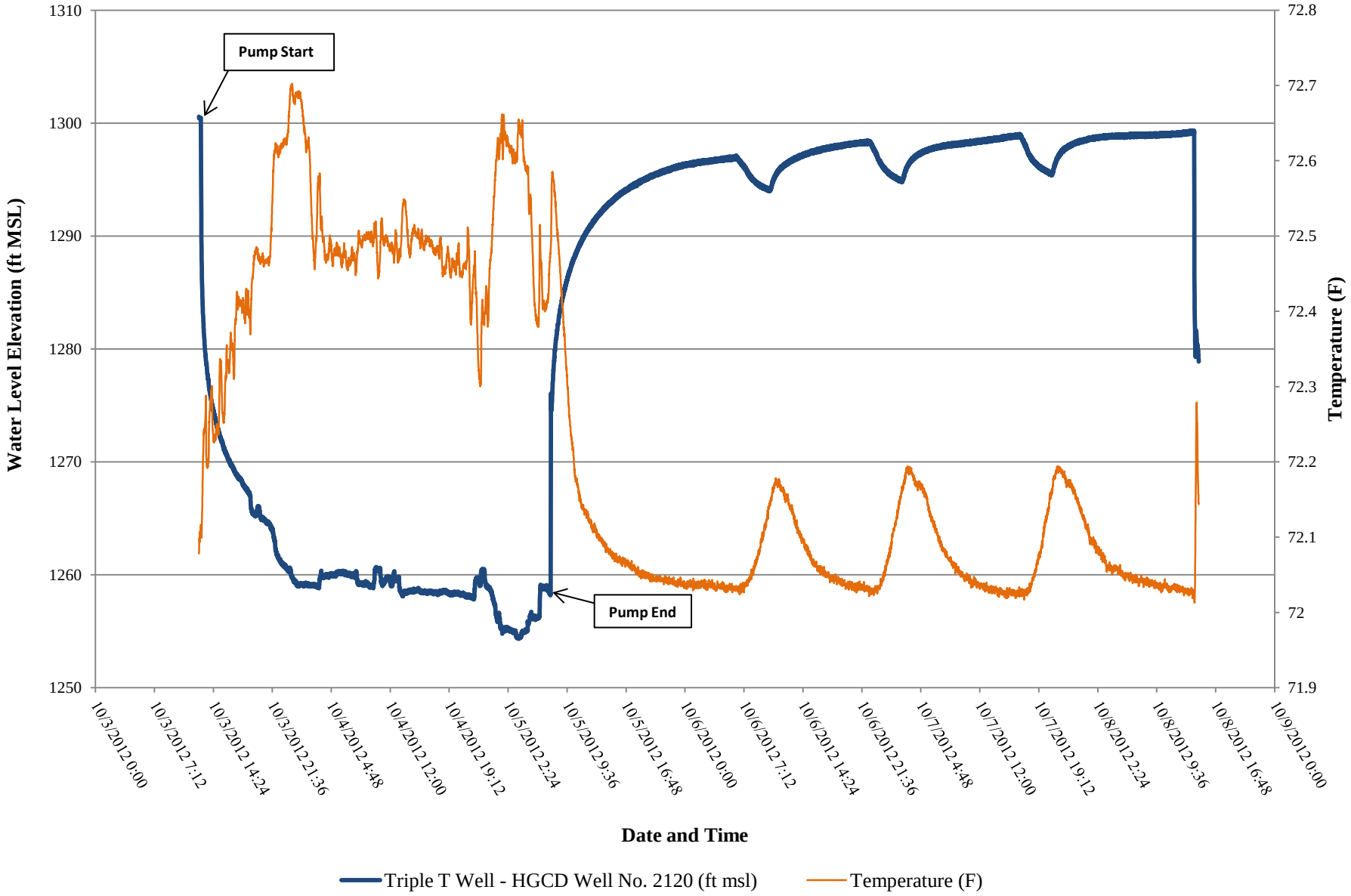
Well	Analysis	b (ft)	T (ft^2/day)	K
Triple T RV Resort Well (HGCD Well No. 2120)	Theis	300	102	0.34
	Theis Recovery	300	94.6	0.32
	Average:	300	98.3	0.33

Notes: b = aquifer thickness; r = distance from pumping well; T = transmissivity; S = storativity; K = hydraulic conductivity

Attachment 6

Aquifer Test Drawdown and Temperature Curves

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)



Attachment 7

Aquifer Test Analyses

Wet Rock Groundwater Services, LLC
Groundwater Specialists
311 Ranch Road 620 South, Suite 103
Austin, Texas 78734
Ph: 512.773.3226
www.wetrockgs.com

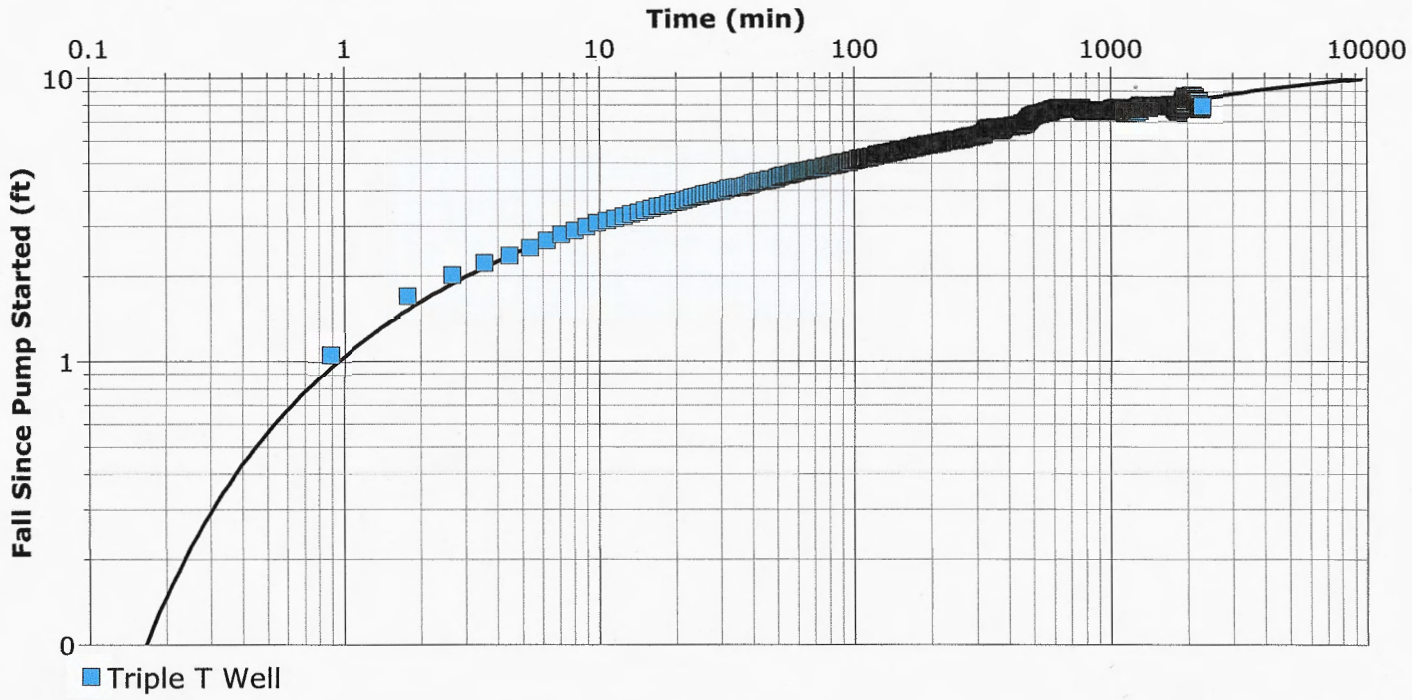
Pumping Test Analysis Report

Project: Triple T RV Resort

Number: 072-002-12

Client: Headwaters GCD

Location: Kerr County, Texas	Pumping Test: Triple T Well	Pumping Well: Triple T Well
Test Conducted by: BWB		Test Date: 10/3/2012
Analysis Performed by: BWB	Theis	Analysis Date: 10/10/2012
Aquifer Thickness: 300.00 ft	Discharge: variable, average rate 35.125 [U.S. gal/min]	



Calculation after Theis

Observation Well	Transmissivity [ft²/d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]	
Triple T Well	1.02×10^{2}	3.40×10^{-1}			

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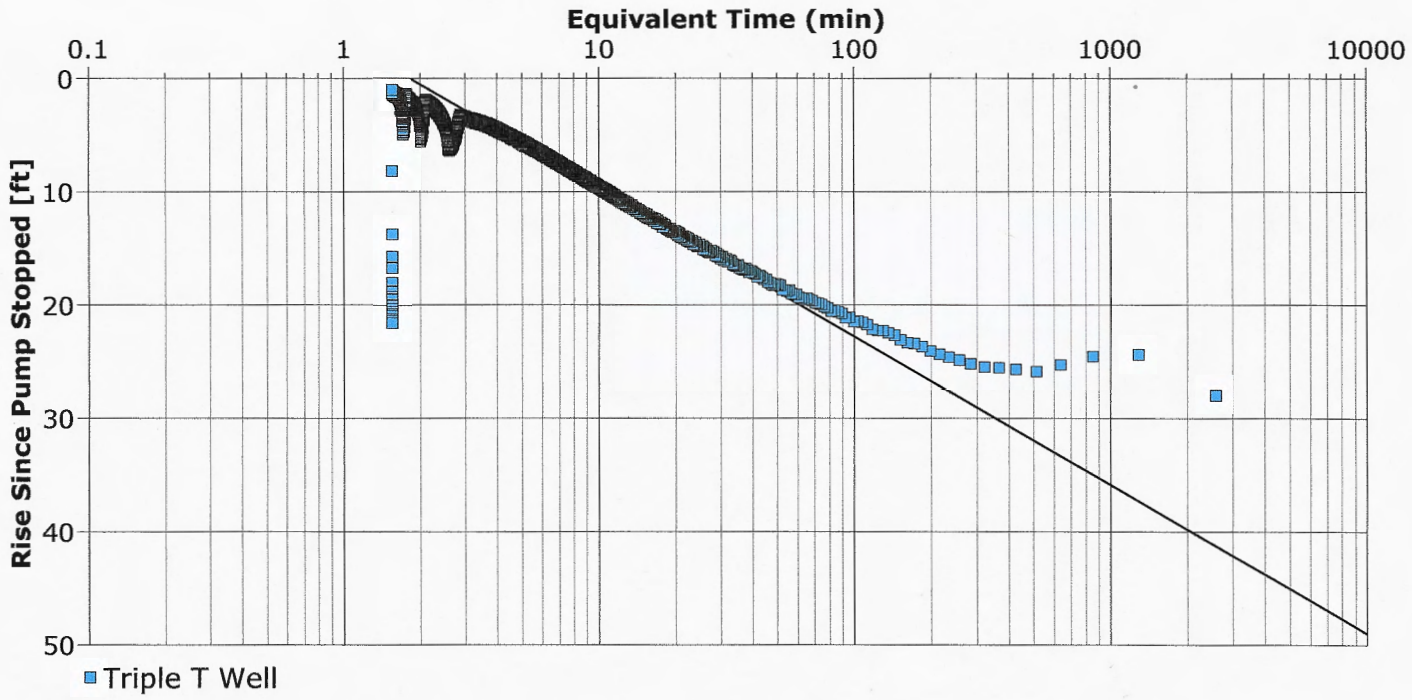
Pumping Test Analysis Report

Project: Triple T RV Resort

Number: 072-002-12

Client: Headwaters GCD

Location: Kerr County, Texas	Pumping Test: Triple T Well	Pumping Well: Triple T Well
Test Conducted by: BWB		Test Date: 10/3/2012
Analysis Performed by: BWB	Theis Recovery	Analysis Date: 10/10/2012
Aquifer Thickness: 300.00 ft	Discharge: variable, average rate 35.125 [U.S. gal/min]	



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft²/d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]	
Triple T Well	9.46×10^{1}	3.15×10^{-1}		

Attachment 8

Aquifer Test Data

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)

Date and Time	Time Since Pump Start (min)	Time Since Pump Stop (min)	Temperature (F)	Water Level (ft bgs)	Water Level (ft MSL)	Drawdown (ft)	Pump Rate (gpm)	Specific Capacity (gpm/ft)	Comments
10/3/2012 12:50			72.11	369.54	1,300.46				
10/3/2012 12:51			72.11	369.55	1,300.45				
10/3/2012 12:52			72.11	369.54	1,300.46				
10/3/2012 12:53	0		72.12	369.56	1,300.44	0.00			Start Pump
10/3/2012 12:54	1		72.11	375.14	1,294.86	5.58	42	7.53	Meter = 127 gallons
10/3/2012 12:55	2		72.10	378.51	1,291.49	8.96			
10/3/2012 12:56	3		72.10	380.17	1,289.83	10.62			
10/3/2012 12:57	4		72.10	381.25	1,288.75	11.69	41	3.51	
10/3/2012 12:58	5		72.11	382.05	1,287.95	12.50			
10/3/2012 12:59	6		72.11	382.77	1,287.23	13.22	42	3.18	
10/3/2012 13:00	7		72.12	383.64	1,286.36	14.08			
10/3/2012 13:01	8		72.13	384.34	1,285.66	14.78	41	2.77	
10/3/2012 13:02	9		72.14	384.84	1,285.16	15.28			
10/3/2012 13:03	10		72.15	385.30	1,284.70	15.74	41	2.60	
10/3/2012 13:04	11		72.16	385.74	1,284.26	16.18			
10/3/2012 13:05	12		72.17	386.07	1,283.93	16.52			
10/3/2012 13:06	13		72.18	386.38	1,283.62	16.83			
10/3/2012 13:07	14		72.19	386.74	1,283.26	17.19			
10/3/2012 13:08	15		72.21	386.97	1,283.03	17.42	40	2.30	
10/3/2012 13:13	20		72.24	388.29	1,281.71	18.74	40	2.13	
10/3/2012 13:18	25		72.25	389.30	1,280.70	19.74	40	2.03	
10/3/2012 13:23	30		72.25	390.18	1,279.82	20.63	40	1.94	
10/3/2012 13:38	45		72.20	392.03	1,277.97	22.47	39	1.74	
10/3/2012 13:53	60		72.25	393.46	1,276.54	23.91	40	1.67	
10/3/2012 14:08	75		72.29	394.50	1,275.50	24.95	39	1.56	
10/3/2012 14:23	90		72.24	395.46	1,274.54	25.90			
10/3/2012 14:38	105		72.24	396.04	1,273.96	26.48			
10/3/2012 14:53	120		72.24	397.08	1,272.92	27.52			
10/3/2012 15:53	180		72.31	399.09	1,270.91	29.54			
10/3/2012 16:53	240		72.32	400.57	1,269.43	31.02			
10/3/2012 17:53	300		72.40	401.64	1,268.36	32.08			
10/3/2012 18:53	360		72.37	402.91	1,267.09	33.36			
10/3/2012 19:53	420		72.47	403.94	1,266.06	34.39			
10/3/2012 20:53	480		72.47	405.43	1,264.57	35.88			
10/3/2012 21:53	540		72.61	407.04	1,262.96	37.48			
10/3/2012 22:53	600		72.62	409.15	1,260.85	39.59			
10/3/2012 23:53	660		72.70	409.86	1,260.14	40.30			

Note: bgs = below ground surface Column Pipe Diameter = 2-inch Horsepower = 7.5 HP
MSL = Mean Sea Level Pump Setting = 525 feet bgs

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)

Date and Time	Time Since Pump Start (min)	Time Since Pump Stop (min)	Temperature (F)	Water Level (ft bgs)	Water Level (ft MSL)	Drawdown (ft)	Pump Rate (gpm)	Specific Capacity (gpm/ft)	Comments
10/4/2012 0:53	720		72.69	410.87	1,259.13	41.31			
10/4/2012 1:53	780		72.62	410.93	1,259.07	41.38			
10/4/2012 2:53	840		72.48	410.86	1,259.14	41.31			
10/4/2012 3:53	900		72.49	410.18	1,259.82	40.62			
10/4/2012 4:53	960		72.47	409.95	1,260.05	40.39			
10/4/2012 5:53	1020		72.48	409.69	1,260.31	40.13			
10/4/2012 6:53	1080		72.46	409.90	1,260.10	40.34			
10/4/2012 7:53	1140		72.46	409.89	1,260.11	40.33			
10/4/2012 8:53	1200		72.50	410.76	1,259.24	41.20			
10/4/2012 9:53	1260		72.49	410.90	1,259.10	41.34			
10/4/2012 10:53	1320		72.51	410.55	1,259.45	40.99			
10/4/2012 11:53	1380		72.49	410.30	1,259.70	40.74			
10/4/2012 12:53	1440		72.47	410.50	1,259.50	40.95			
10/4/2012 13:53	1500		72.54	411.43	1,258.57	41.87			
10/4/2012 14:53	1560		72.51	411.26	1,258.74	41.70			
10/4/2012 15:53	1620		72.50	411.42	1,258.58	41.86			
10/4/2012 16:53	1680		72.49	411.62	1,258.38	42.06			
10/4/2012 17:53	1740		72.48	411.76	1,258.24	42.21			
10/4/2012 18:53	1800		72.47	411.64	1,258.36	42.09			
10/4/2012 19:53	1860		72.45	411.73	1,258.27	42.18			
10/4/2012 20:53	1920		72.46	411.76	1,258.24	42.21			
10/4/2012 21:53	1980		72.39	411.98	1,258.02	42.43			
10/4/2012 22:53	2040		72.32	410.71	1,259.29	41.16			
10/4/2012 23:53	2100		72.39	410.89	1,259.11	41.34			
10/5/2012 0:53	2160		72.59	413.36	1,256.64	43.80			
10/5/2012 1:53	2220		72.65	414.95	1,255.05	45.40			
10/5/2012 2:53	2280		72.61	414.89	1,255.11	45.33			
10/5/2012 3:53	2340		72.63	415.42	1,254.58	45.87			
10/5/2012 4:53	2400		72.56	414.39	1,255.61	44.84			
10/5/2012 5:53	2460		72.39	413.87	1,256.13	44.32			
10/5/2012 6:53	2520		72.40	411.27	1,258.73	41.72			
10/5/2012 7:35	2562	0	72.48	411.73	1,258.27	42.18	35	0.83	Stop Pump
10/5/2012 7:36	2563	1	72.49	397.51	1,272.49	27.95			Meter = 90,190 gallons
10/5/2012 7:37	2564	2	72.49	393.94	1,276.06	24.39			
10/5/2012 7:38	2565	3	72.49	394.12	1,275.88	24.56			
10/5/2012 7:39	2566	4	72.51	394.86	1,275.14	25.31			
10/5/2012 7:40	2567	5	72.52	395.49	1,274.51	25.93			

Note: bgs = below ground surface Column Pipe Diameter = 2-inch Horsepower = 7.5 HP
MSL = Mean Sea Level Pump Setting = 525 feet bgs

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)

Date and Time	Time Since Pump Start (min)	Time Since Pump Stop (min)	Temperature (F)	Water Level (ft bgs)	Water Level (ft MSL)	Drawdown (ft)	Pump Rate (gpm)	Specific Capacity (gpm/ft)	Comments
10/5/2012 7:41	2568	6	72.54	395.29	1,274.71	25.74			
10/5/2012 7:42	2569	7	72.55	395.11	1,274.89	25.56			
10/5/2012 7:43	2570	8	72.56	395.06	1,274.94	25.50			
10/5/2012 7:44	2571	9	72.58	394.82	1,275.18	25.26			
10/5/2012 7:45	2572	10	72.58	394.49	1,275.51	24.93			
10/5/2012 7:46	2573	11	72.58	394.23	1,275.77	24.67			
10/5/2012 7:47	2574	12	72.58	393.94	1,276.06	24.39			
10/5/2012 7:48	2575	13	72.58	393.70	1,276.30	24.15			
10/5/2012 7:49	2576	14	72.58	393.25	1,276.75	23.70			
10/5/2012 7:50	2577	15	72.58	393.00	1,277.00	23.45			
10/5/2012 7:55	2582	20	72.57	391.88	1,278.12	22.33			
10/5/2012 8:00	2587	25	72.57	391.01	1,278.99	21.45			
10/5/2012 8:05	2592	30	72.55	390.24	1,279.76	20.69			
10/5/2012 8:20	2607	45	72.51	388.68	1,281.32	19.12			
10/5/2012 8:35	2622	60	72.48	387.22	1,282.78	17.66			
10/5/2012 8:50	2637	75	72.44	386.11	1,283.89	16.55			
10/5/2012 9:05	2652	90	72.40	385.23	1,284.77	15.67			
10/5/2012 9:20	2667	105	72.36	384.43	1,285.57	14.87			
10/5/2012 9:35	2682	120	72.31	383.79	1,286.21	14.23			
10/5/2012 10:35	2742	180	72.18	381.82	1,288.18	12.26			
10/5/2012 11:35	2802	240	72.14	380.04	1,289.96	10.48			
10/5/2012 12:35	2862	300	72.11	378.84	1,291.16	9.28			
10/5/2012 13:35	2922	360	72.10	378.14	1,291.86	8.59			
10/5/2012 14:35	2982	420	72.08	377.15	1,292.85	7.60			
10/5/2012 15:35	3042	480	72.08	376.68	1,293.32	7.13			
10/5/2012 16:35	3102	540	72.07	376.14	1,293.86	6.58			
10/5/2012 17:35	3162	600	72.06	375.70	1,294.30	6.14			
10/5/2012 18:35	3222	660	72.05	375.31	1,294.69	5.75			
10/5/2012 19:35	3282	720	72.04	374.95	1,295.05	5.40			
10/5/2012 20:35	3342	780	72.04	374.39	1,295.61	4.83			
10/5/2012 21:35	3402	840	72.04	374.32	1,295.68	4.77			
10/5/2012 22:35	3462	900	72.04	373.88	1,296.12	4.33			
10/5/2012 23:35	3522	960	72.04	373.89	1,296.11	4.34			
10/6/2012 0:35	3582	1020	72.04	373.77	1,296.23	4.21			
10/6/2012 1:35	3642	1080	72.04	373.39	1,296.61	3.83			
10/6/2012 2:35	3702	1140	72.03	373.33	1,296.67	3.77			
10/6/2012 3:35	3762	1200	72.04	373.16	1,296.84	3.60			

Note: bgs = below ground surface Column Pipe Diameter = 2-inch Horsepower = 7.5 HP
MSL = Mean Sea Level Pump Setting = 525 feet bgs

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)

Date and Time	Time Since Pump Start (min)	Time Since Pump Stop (min)	Temperature (F)	Water Level (ft bgs)	Water Level (ft MSL)	Drawdown (ft)	Pump Rate (gpm)	Specific Capacity (gpm/ft)	Comments
10/6/2012 4:35	3822	1260	72.03	373.33	1,296.67	3.77			
10/6/2012 5:35	3882	1320	72.03	373.27	1,296.73	3.72			
10/6/2012 6:35	3942	1380	72.04	373.24	1,296.76	3.69			
10/6/2012 7:35	4002	1440	72.04	374.18	1,295.82	4.63			
10/6/2012 8:35	4062	1500	72.07	375.11	1,294.89	5.55			
10/6/2012 9:35	4122	1560	72.11	375.81	1,294.19	6.25			
10/6/2012 10:35	4182	1620	72.15	375.57	1,294.43	6.01			
10/6/2012 11:35	4242	1680	72.17	374.15	1,295.85	4.60			
10/6/2012 12:35	4302	1740	72.15	373.41	1,296.59	3.86			
10/6/2012 13:35	4362	1800	72.11	373.20	1,296.80	3.65			
10/6/2012 14:35	4422	1860	72.09	372.67	1,297.33	3.11			
10/6/2012 15:35	4482	1920	72.07	372.46	1,297.54	2.90			
10/6/2012 16:35	4542	1980	72.06	372.51	1,297.49	2.96			
10/6/2012 17:35	4602	2040	72.05	372.06	1,297.94	2.50			
10/6/2012 18:35	4662	2100	72.04	372.20	1,297.80	2.64			
10/6/2012 19:35	4722	2160	72.04	371.79	1,298.21	2.23			
10/6/2012 20:35	4782	2220	72.04	371.96	1,298.04	2.41			
10/6/2012 21:35	4842	2280	72.03	371.64	1,298.36	2.09			
10/6/2012 22:35	4902	2340	72.03	371.64	1,298.36	2.09			
10/6/2012 23:35	4962	2400	72.03	373.07	1,296.93	3.52			
10/7/2012 0:35	5022	2460	72.06	374.10	1,295.90	4.54			
10/7/2012 1:35	5082	2520	72.11	374.65	1,295.35	5.10			
10/7/2012 2:35	5142	2580	72.16	374.86	1,295.14	5.31			
10/7/2012 3:35	5202	2640	72.19	373.39	1,296.61	3.84			
10/7/2012 4:35	5262	2700	72.17	372.85	1,297.15	3.30			
10/7/2012 5:35	5322	2760	72.15	372.52	1,297.48	2.97			
10/7/2012 6:35	5382	2820	72.11	372.09	1,297.91	2.53			
10/7/2012 7:35	5442	2880	72.08	371.94	1,298.06	2.38			
10/7/2012 8:35	5502	2940	72.07	371.80	1,298.20	2.25			
10/7/2012 9:35	5562	3000	72.05	371.96	1,298.04	2.41			
10/7/2012 10:35	5622	3060	72.04	371.84	1,298.16	2.29			
10/7/2012 11:35	5682	3120	72.03	371.52	1,298.48	1.97			
10/7/2012 12:35	5742	3180	72.03	371.47	1,298.53	1.91			
10/7/2012 13:35	5802	3240	72.03	371.38	1,298.62	1.83			
10/7/2012 14:35	5862	3300	72.02	371.45	1,298.55	1.90			
10/7/2012 15:35	5922	3360	72.03	371.12	1,298.88	1.56			
10/7/2012 16:35	5982	3420	72.02	371.26	1,298.74	1.71			

Note: bgs = below ground surface Column Pipe Diameter = 2-inch Horsepower = 7.5 HP
MSL = Mean Sea Level Pump Setting = 525 feet bgs

Headwaters GCD - Triple T Well (HGCD Well No. 2120) - Aquifer Test (October 3, 2012)

Date and Time	Time Since Pump Start (min)	Time Since Pump Stop (min)	Temperature (F)	Water Level (ft bgs)	Water Level (ft MSL)	Drawdown (ft)	Pump Rate (gpm)	Specific Capacity (gpm/ft)	Comments
10/7/2012 17:35	6042	3480	72.03	372.17	1,297.83	2.61			
10/7/2012 18:35	6102	3540	72.05	373.31	1,296.69	3.75			
10/7/2012 19:35	6162	3600	72.09	374.16	1,295.84	4.60			
10/7/2012 20:35	6222	3660	72.15	374.37	1,295.63	4.81			
10/7/2012 21:35	6282	3720	72.19	373.07	1,296.93	3.51			
10/7/2012 22:35	6342	3780	72.17	372.30	1,297.70	2.74			
10/7/2012 23:35	6402	3840	72.16	371.88	1,298.12	2.32			
10/8/2012 0:35	6462	3900	72.13	371.45	1,298.55	1.90			
10/8/2012 1:35	6522	3960	72.10	371.28	1,298.72	1.72			
10/8/2012 2:35	6582	4020	72.08	371.38	1,298.62	1.82			
10/8/2012 3:35	6642	4080	72.06	371.09	1,298.91	1.53			
10/8/2012 4:35	6702	4140	72.06	371.04	1,298.96	1.48			
10/8/2012 5:35	6762	4200	72.05	371.28	1,298.72	1.73			
10/8/2012 6:35	6822	4260	72.04	370.94	1,299.06	1.38			
10/8/2012 7:35	6882	4320	72.04	370.97	1,299.03	1.41			
10/8/2012 8:35	6942	4380	72.04	370.99	1,299.01	1.44			
10/8/2012 9:35	7002	4440	72.03	371.20	1,298.80	1.65			
10/8/2012 10:35	7062	4500	72.04	370.91	1,299.09	1.35			
10/8/2012 11:35	7122	4560	72.03	370.88	1,299.12	1.33			
10/8/2012 12:35	7182	4620	72.03	370.82	1,299.18	1.26			
10/8/2012 13:35	7242	4680	72.03	370.74	1,299.26	1.18			
10/8/2012 14:35	7302	4740	72.21	389.63	1,280.37	20.07			

Note: bgs = below ground surface Column Pipe Diameter = 2-inch Horsepower = 7.5 HP
MSL = Mean Sea Level Pump Setting = 525 feet bgs