

October 26, 2022

Mr. Jim Totten
General Manager
Lost Pines Groundwater Conservation District
P O Box 1027
Smithville, Texas 78957

Re: Request for Aggregation of Permits for Irrigation
Wells for the Thomas Turfgrass Six Sprigs
Farm Located in Bastrop County, Texas

Dear Mr. Totten:

Thomas Turfgrass has existing Well 2 and the Pomykal Well located on the farm and is requesting operating permits for Wells 1, 2 and 3 and the Pomykal Well with the pumping from all of the wells to be aggregated and the pumping from the wells used for turfgrass irrigation. A number of Lost Pines Groundwater Conservation District forms have been completed and are attached as part of the permit application and include.

- Well 1 Form 200A and accompanying data
- Well 2 Forms 200A and 300 and accompanying data
- Well 3 Forms 100 and 200A and accompanying data
- Pomykal Well Forms 200A and 300 and accompanying data

Thomas Turfgrass owns the land at the well sites and the land that will be irrigated and is the end user of the water. None of the water will be transported outside the District. The farm encompasses about 970 acres and could be expanded in the future.

If you have any questions regarding the operating permit applications and request for aggregation of the use of the wells, please contact us at 979-531-9975.

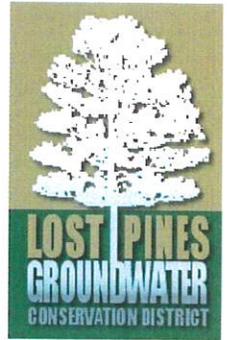
Respectfully,


Emory Thomas, Owner
THOMAS TURFGRASS



FORM 100

Well Drilling Application



For District Use Only:

<u>10/20/2022</u> Application Date
<u>58 47 9 0018</u> Well Drilling Permit Number



Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Well1

Name	<u>Mr. Emory Thomas</u>				
Company (if applicable)	<u>Thomas Turfgrass</u>				
Street (or PO Box)	<u>799 Old Potato Road</u>				
City	<u>Paige</u>	State	<u>Texas</u>	Zip	<u>78659</u>
Phone Number	<u>(979) 531-9975</u>				

SECTION II – DRILLING SITE DESCRIPTION

Physical Description of Proposed Drilling Site (use GPS coordinates if known.)	<u>30.28091, -97.1255 About 0.36 miles south of north end of County Road 169</u>	Well1
County that the Drilling Site is Located in:	Bastrop <input checked="" type="checkbox"/>	Lee <input type="checkbox"/>
Is the proposed well located within a neighborhood or subdivision?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes, which neighborhood or subdivision?	<u></u>	

SECTION III – AUTHORIZATION TO DRILL

Is the Applicant the same as the Property Owner of the Proposed Drilling Site?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Property Owner is different from Applicant shown in Section I, contact information and a notarized letter of authorization to drill from the property owner must be attached to this application.		

SECTION V – WELL INFORMATION

What will be the primary use of the well (circle one)?

Domestic Livestock Irrigation Municipal Supply Mining Rig Supply Test Other _____

What is the proposed aquifer that the well will produce from (if known)? Carrizo Aquifer

What will be the approximate total depth of the well (if known)? 940 feet

Will the Applicant be requesting an exemption under LPGCD Rule 3.1? Yes x No _____

If Yes, type of exemption claimed:

- A well that is solely for domestic or livestock use that is incapable of producing more than 25,000 gallons per day (gpd).
- A well that uses less than 200 acre-feet/year solely for agricultural use.
- A well that is used solely to supply water for a rig that is actively engaged in drilling or exploration operations for an oil or gas well permitted by the Railroad Commission of Texas.
- A water well authorized under a permit issued by the Railroad Commission of Texas for mining activities.
- A water well drilled and completed solely for the purposes of aquifer testing.

SECTION IV – AFFIRMATION

I certify that all statements and information in this application are true and correct.


Signature of Applicant

10/21/22
Date



J & S WATER WELLS

P.O Box 675 Bellville, TX 77418

800-833-5538

36 Hour Pump Test and Recovery

Well Name: Thomas Turfgrass
Six Sprigs, Water Well #2

Date: 6/29/2022

Time Started: 9 a.m.

Static Level: 19.00 Ft.

Set Depth: 320'

Pump Column: 10"

Orifice Size: 12" x 10"

Lat: 30.2843

Long: -97.13614

1 Hour Monitoring for Pump Test

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
7:00 a.m.				
6/29/22 7:00 AM	15 min.	OFF	18.80	N/A
	30 min.	OFF	19.00	N/A
	45 min.	OFF	18.95	N/A
6/29/22 8:00 AM	1 hr.	OFF	19.05	N/A
	1 Hr. 15 Min	OFF	18.80	N/A
	1 Hr 30 Min	OFF	19.00	N/A
	1 Hr 45 Min	OFF	18.75	N/A
	2 Hr.	OFF	19.00	N/A

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	SPECIFIC CAPACITY	DRAW DOWN	SAND CONTENT
Start Time: 9:00 AM						
	2 min	1829	104.40	21.42	85.40	0.00mg/l
	4 min	1829	122.35	17.70	103.35	0.00mg/l
	6 min	1829	145.20	14.49	126.20	0.00mg/l
	8 min	1829	146.80	14.31	127.80	0.00mg/l
	10 min	1829	147.30	14.26	128.30	0.00mg/l
	12 min	1829	149.95	13.97	130.95	0.00mg/l
	14 min	1829	152.60	13.69	133.60	0.00mg/l
	16 min	1829	153.95	13.55	134.95	0.00mg/l
	18 min	1829	154.00	13.55	135.00	0.00mg/l
	20 min	1829	155.05	13.44	136.05	0.00mg/l
	25 min	1829	156.75	13.28	137.75	0.00mg/l
	30 min	1829	158.00	13.16	139.00	0.00mg/l
	35 min	1829	159.65	13.00	140.65	0.00mg/l
	40 min	1829	160.70	12.91	141.70	0.00mg/l
	45 min	1829	161.00	12.88	142.00	0.00mg/l
	50 min	1829	164.20	12.60	145.20	0.00mg/l
	55 min	1829	166.50	12.40	147.50	0.00mg/l
6/29/22 10:00 AM	1 hour	1829	167.40	12.32	148.40	0.00mg/l
	1 hour 10 min	1829	168.90	12.20	149.90	0.00mg/l
	1 hour 20 min	1829	170.10	12.10	151.10	0.00mg/l

	1 hour 30 min	1829	169.90	12.12	150.90	0.00mg/l
	1 hour 40 min	1829	174.00	11.80	155.00	0.00mg/l
	1 hour 50 min	1829	174.40	11.77	155.40	0.00mg/l
	2 hours	1829	175.80	11.66	156.80	0.00mg/l
	2 hrs 10 min	1829	176.40	11.62	157.40	0.00mg/l
	2 hrs 20 min	1829	177.10	11.57	158.10	0.00mg/l
	2 hrs 30 min	1829	177.60	11.53	158.60	0.00mg/l
	2 hrs 40 min	1829	178.10	11.50	159.10	0.00mg/l
	2 hrs 50 min	1829	178.50	11.47	159.50	0.00mg/l
	3 hours	1829	179.20	11.42	160.20	0.00mg/l
	3 hrs 10 min	1829	179.30	11.41	160.30	0.00mg/l
	3 hrs 20 min	1829	179.80	11.37	160.80	0.00mg/l
	3 hrs 30 min	1829	180.00	11.36	161.00	0.00mg/l
	3 hrs 40 min	1829	180.50	11.33	161.50	0.00mg/l
	3 hrs 50 min	1829	180.50	11.33	161.50	0.00mg/l
	4 hours	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 10 min	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 20 min	1829	181.20	11.28	162.20	0.00mg/l
	4 hrs 30 min	1829	181.30	11.27	162.30	0.00mg/l
	4 hrs 40 min	1829	181.40	11.26	162.40	0.00mg/l
	4 hrs 50 min	1829	181.50	11.26	162.50	0.00mg/l
6/29/22 2:00 PM	5 hours	1829	181.60	11.25	162.60	0.00mg/l
	5 hrs 10 min	1829	181.70	11.24	162.70	0.00mg/l
	5 hrs 20 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 30 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 40 min	1829	182.00	11.22	163.00	0.00mg/l
	5 hrs 50 min	1829	182.70	11.17	163.70	0.00mg/l
	6 hours	1829	183.80	11.10	164.80	0.00mg/l
	6 hrs 10 min	1829	186.70	10.91	167.70	0.00mg/l
	6 hrs 20 min	1829	187.30	10.87	168.30	0.00mg/l
	6 hrs 30 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 40 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 50 min	1829	187.65	10.84	168.65	0.00mg/l
	7 hours	1829	188.10	10.82	169.10	0.00mg/l
	7 hrs 10 min	1829	189.00	10.76	170.00	0.00mg/l
	7 hrs 20 min	1829	189.10	10.75	170.10	0.00mg/l
	7 hrs 30 min	1829	189.15	10.75	170.15	0.00mg/l
	7 hrs 40 min	1829	189.70	10.71	170.70	0.00mg/l
	7 hrs 50 min	1829	190.00	10.70	171.00	0.00mg/l
	8 hours	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 10 min	1829	189.80	10.71	170.80	0.00mg/l
	8 hrs 20 min	1829	189.75	10.71	170.75	0.00mg/l
	8 hrs 30 min	1829	190.20	10.68	171.20	0.00mg/l
	8 hrs 40 min	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 50 min	1829	190.35	10.67	171.35	0.00mg/l
	9 hours	1829	190.95	10.64	171.95	0.00mg/l
	9 hrs 10 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 20 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 30 min	1829	191.15	10.62	172.15	0.00mg/l
	9 hrs 40 min	1829	191.25	10.62	172.25	0.00mg/l
	9 hrs 50 min	1829	191.55	10.60	172.55	0.00mg/l
6/29/22 7:00 PM	10 hours	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 10 min	1829	191.90	10.58	172.90	0.00mg/l
	10 hrs 20 min	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 30 min	1829	192.15	10.56	173.15	0.00mg/l
	10 hrs 40 min	1829	192.35	10.55	173.35	0.00mg/l
	10 hrs 50 min	1829	192.70	10.53	173.70	0.00mg/l
	11 hours	1829	192.60	10.54	173.60	0.00mg/l
	11 hrs 10 min	1829	192.80	10.52	173.80	0.00mg/l

	11 hrs 20 min	1829	192.8	10.52	173.80	0.00mg/l
	11 hrs 30 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 40 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 50 min	1829	193.40	10.49	174.40	0.00mg/l
	12 hours	1829	193.55	10.48	174.55	0.00mg/l
	12 hrs 15 min	1829	193.80	10.46	174.80	0.00mg/l
	12 hrs 30 min	1829	194.70	10.41	175.70	0.00mg/l
	12 hrs 45 min	1829	195.45	10.37	176.45	0.00mg/l
	13 hours	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 15 min	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 30 min	1829	196.70	10.29	177.70	0.00mg/l
	13 hrs 45 min	1829	196.95	10.28	177.95	0.00mg/l
	14 hours	1829	197.35	10.26	178.35	0.00mg/l
	14 hrs 15 min	1829	197.90	10.22	178.90	0.00mg/l
	14 hrs 30 min	1829	198.35	10.20	179.35	0.00mg/l
	14 hrs 45 min	1829	198.70	10.18	179.70	0.00mg/l
6/30/22 12:00 AM	15 hours	1829	199.25	10.15	180.25	0.00mg/l
	15 hrs 15 min	1829	199.40	10.14	180.40	0.00mg/l
	15 hrs 30 min	1829	199.90	10.11	180.90	0.00mg/l
	15 hrs 45 min	1829	200.10	10.10	181.10	0.00mg/l
	16 hours	1829	200.75	10.06	181.75	0.00mg/l
	16 hrs 15 min	1829	200.85	10.06	181.85	0.00mg/l
	16 hrs 30 min	1829	201.20	10.04	182.20	0.00mg/l
	16 hrs 45 min	1829	201.20	10.04	182.20	0.00mg/l
	17 hours	1829	201.70	10.01	182.70	0.00mg/l
	17 hrs 15 min	1829	201.90	10.00	182.90	0.00mg/l
	17 hrs 30 min	1829	202.00	9.99	183.00	0.00mg/l
	17 hrs 45 min	1829	202.20	9.98	183.20	0.00mg/l
	18 hours	1829	202.20	9.98	183.20	0.00mg/l
	18 hrs 15 min	1829	202.60	9.96	183.60	0.00mg/l
	18 hrs 30 min	1829	202.90	9.95	183.90	0.00mg/l
	18 hrs 45 min	1829	203.40	9.92	184.40	0.00mg/l
	19 hours	1829	203.50	9.91	184.50	0.00mg/l
	19 hrs 15 min	1829	203.75	9.90	184.75	0.00mg/l
	19 hrs 30 min	1829	203.90	9.89	184.90	0.00mg/l
	19 hrs 45 min	1829	204.20	9.88	185.20	0.00mg/l
6/30/22 5:00 AM	20 hours	1829	204.45	9.86	185.45	0.00mg/l
	20 hrs 15 min	1829	204.80	9.84	185.80	0.00mg/l
	20 hrs 30 min	1829	204.60	9.85	185.60	0.00mg/l
	20 hrs 45 min	1829	204.55	9.86	185.55	0.00mg/l
	21 hours	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 15 min	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 30 min	1829	205.00	9.83	186.00	0.00mg/l
	21 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hours	1829	205.80	9.79	186.80	0.00mg/l
	22 hrs 15 min	1829	206.00	9.78	187.00	0.00mg/l
	22 hrs 30 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	23 hours	1829	205.65	9.80	186.65	0.00mg/l
	23 hrs 15 min	1829	204.90	9.84	185.90	0.00mg/l
	23 hrs 30 min	1829	204.55	9.86	185.55	0.00mg/l
	23 hrs 45 min	1829	204.50	9.86	185.50	0.00mg/l
6/30/22 9:00 AM	24 hours	1829	204.55	9.86	185.55	0.00mg/l
	24 hrs 30 min	1829	203.30	9.92	184.30	0.00mg/l
	25 hours	1829	203.00	9.94	184.00	0.00mg/l
	25 hrs 30 min	1829	202.35	9.98	183.35	0.00mg/l
	26 hours	1829	202.30	9.98	183.30	0.00mg/l
	26 hrs 30 min	1829	203.70	9.90	184.70	0.00mg/l
	27 hours	1829	204.75	9.85	185.75	0.00mg/l

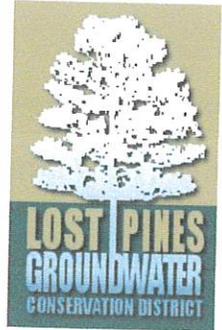
	27 hrs 30 min	1829	204.90	9.84	185.90	0.00mg/l
	28 hours	1829	204.85	9.84	185.85	0.00mg/l
	28 hrs 30 min	1829	204.30	9.87	185.30	0.00mg/l
	29 hours	1829	204.00	9.89	185.00	0.00mg/l
	29 hrs 30 min	1829	203.95	9.89	184.95	0.00mg/l
6/30/22 3:00 PM	30 hours	1829	204.10	9.88	185.10	0.00mg/l
	30 hrs 30 min	1829	205.30	9.82	186.30	0.00mg/l
	31 hours	1829	205.60	9.80	186.60	0.00mg/l
	31 hrs 30 min	1829	203.60	9.91	184.60	0.00mg/l
	32 hours	1829	207.00	9.73	188.00	0.00mg/l
	32 hrs 30 min	1829	206.50	9.75	187.50	0.00mg/l
	33 hours	1829	206.50	9.75	187.50	0.00mg/l
	33 hrs 30 min	1829	207.15	9.72	188.15	0.00mg/l
	34 hours	1829	207.35	9.71	188.35	0.00mg/l
	34 hrs 30 min	1829	207.70	9.69	188.70	0.00mg/l
	35 hours	1829	207.95	9.68	188.95	0.00mg/l
	35 hrs 30 min	1829	208.00	9.68	189.00	0.00mg/l
6/30/22 9:00 PM	36 hours	1829	208.05	9.67	189.05	0.00mg/l

36 Hour Pump Test Recovery

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
Start Time: 1:00 a.m.				
	2 min	OFF	91.80	
	4 min	OFF	84.55	
	6 min	OFF	80.35	
	8 min	OFF	77.70	
	10 min	OFF	75.70	
	12 min	OFF	74.10	
	14 min	OFF	72.65	
	16 min	OFF	71.30	
	18 min	OFF	70.30	
	20 min	OFF	69.25	
	25 min	OFF	67.25	
	30 min	OFF	65.55	
	35 min	OFF	63.95	
	40 min	OFF	62.80	
	45 min	OFF	61.65	
	50 min	OFF	60.70	
	55 min	OFF	59.85	
	1 hour	OFF	59.10	
	1 hr 10 min	OFF	57.65	
	1 hr 20 min	OFF	56.40	
	1 hr 30 min	OFF	55.35	
	1 hr 40 min	OFF	54.35	
	1 hr 50 min	OFF	53.45	
	2 hour	OFF	52.75	
	2 hr 10 min	OFF	51.95	
	2 hr 20 min	OFF	51.30	
	2 hr 30 min	OFF	50.70	
	2 hr 40 min	OFF	50.10	
	2 hr 50 min	OFF	49.60	
	3 hour	OFF	49.05	
	3 hr 10 min	OFF	48.55	
	3 hr 20 min	OFF	48.05	
	3 hr 30 min	OFF	47.60	
	3 hr 40 min	OFF	47.15	
	3 hr 50 min	OFF	46.75	
	4 hour	OFF	46.35	

FORM 200

Operating/Transport Permit Application



For District Use Only:

Application Date

Temporary Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Well 1

Name	Mr. Emory Thomas				
Company (if applicable)	Thomas Turfgrass				
Street (or PO Box)	799 Old Potato Road				
City	Paige	State	Texas	Zip	78659
Phone Number	(979) 531-9975				

SECTION II – WELL INFORMATION

What aquifer will the well be producing from?	Carrizo Aquifer		
What is the known or proposed total depth of the well?	950	feet	
What is the known or proposed screened interval of the well?	630-930	feet	
What is the known or proposed capacity of the well?	2,200	gpm	instanteous
Is this Application for an existing well already registered with the LPGCD?	Yes	No	<input checked="" type="checkbox"/>
If Yes, what is the Well Number?	_____		
If No, has a Well Drilling Application (Form 100) or Well Registration Application (Form 300) been submitted?	Yes	No	<input checked="" type="checkbox"/>
Well location (use GPS coordinates if known.)	30.28091, -97.1255	0.36 mi. south of north end of CR 169	
County that the well is located in:	Bastrop	Lee	<input checked="" type="checkbox"/>

SECTION VIII – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.



Signature of Applicant

10/26/22

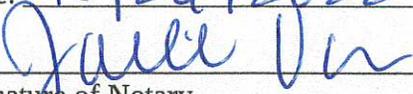
Date

THE STATE OF TEXAS

COUNTY OF Bastrop

I certify that the following person (s) personally appeared before me on this day, each acknowledging to me that he or she signed this Operating/Transport Permit Application.

Date: 10/26/2022



Signature of Notary

Jaclyn Vara

Printed Name of Notary

My commission expires: 05/22/2023



(seal)

Can be notarized by any Notary of your choice or at the LPGCD Office.



J & S WATER WELLS

P.O Box 675 Bellville, TX 77418
800-833-5538

36 Hour Pump Test and Recovery

Well Name: Thomas Turfgrass
Six Sprigs, Water Well #2

Date: 6/29/2022

Time Started: 9 a.m.

Static Level: 19.00 Ft.

Set Depth: 320'

Pump Column: 10"

Orifice Size: 12" x 10"

Lat: 30.2843
Long: -97.13614

1 Hour Monitoring for Pump Test

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
7:00 a.m.				
6/29/22 7:00 AM	15 min.	OFF	18.80	N/A
	30 min.	OFF	19.00	N/A
	45 min.	OFF	18.95	N/A
6/29/22 8:00 AM	1 hr.	OFF	19.05	N/A
	1 Hr. 15 Min	OFF	18.80	N/A
	1 Hr 30 Min	OFF	19.00	N/A
	1 Hr 45 Min	OFF	18.75	N/A
	2 Hr.	OFF	19.00	N/A

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	SPECIFIC CAPACITY	DRAW DOWN	SAND CONTENT
Start Time: 9:00 AM						
	2 min	1829	104.40	21.42	85.40	0.00mg/l
	4 min	1829	122.35	17.70	103.35	0.00mg/l
	6 min	1829	145.20	14.49	126.20	0.00mg/l
	8 min	1829	146.80	14.31	127.80	0.00mg/l
	10 min	1829	147.30	14.26	128.30	0.00mg/l
	12 min	1829	149.95	13.97	130.95	0.00mg/l
	14 min	1829	152.60	13.69	133.60	0.00mg/l
	16 min	1829	153.95	13.55	134.95	0.00mg/l
	18 min	1829	154.00	13.55	135.00	0.00mg/l
	20 min	1829	155.05	13.44	136.05	0.00mg/l
	25 min	1829	156.75	13.28	137.75	0.00mg/l
	30 min	1829	158.00	13.16	139.00	0.00mg/l
	35 min	1829	159.65	13.00	140.65	0.00mg/l
	40 min	1829	160.70	12.91	141.70	0.00mg/l
	45 min	1829	161.00	12.88	142.00	0.00mg/l
	50 min	1829	164.20	12.60	145.20	0.00mg/l
	55 min	1829	166.50	12.40	147.50	0.00mg/l
6/29/22 10:00 AM	1 hour	1829	167.40	12.32	148.40	0.00mg/l
	1 hour 10 min	1829	168.90	12.20	149.90	0.00mg/l
	1 hour 20 min	1829	170.10	12.10	151.10	0.00mg/l

	1 hour 30 min	1829	169.90	12.12	150.90	0.00mg/l
	1 hour 40 min	1829	174.00	11.80	155.00	0.00mg/l
	1 hour 50 min	1829	174.40	11.77	155.40	0.00mg/l
	2 hours	1829	175.80	11.66	156.80	0.00mg/l
	2 hrs 10 min	1829	176.40	11.62	157.40	0.00mg/l
	2 hrs 20 min	1829	177.10	11.57	158.10	0.00mg/l
	2 hrs 30 min	1829	177.60	11.53	158.60	0.00mg/l
	2 hrs 40 min	1829	178.10	11.50	159.10	0.00mg/l
	2 hrs 50 min	1829	178.50	11.47	159.50	0.00mg/l
	3 hours	1829	179.20	11.42	160.20	0.00mg/l
	3 hrs 10 min	1829	179.30	11.41	160.30	0.00mg/l
	3 hrs 20 min	1829	179.80	11.37	160.80	0.00mg/l
	3 hrs 30 min	1829	180.00	11.36	161.00	0.00mg/l
	3 hrs 40 min	1829	180.50	11.33	161.50	0.00mg/l
	3 hrs 50 min	1829	180.50	11.33	161.50	0.00mg/l
	4 hours	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 10 min	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 20 min	1829	181.20	11.28	162.20	0.00mg/l
	4 hrs 30 min	1829	181.30	11.27	162.30	0.00mg/l
	4 hrs 40 min	1829	181.40	11.26	162.40	0.00mg/l
	4 hrs 50 min	1829	181.50	11.26	162.50	0.00mg/l
6/29/22 2:00 PM	5 hours	1829	181.60	11.25	162.60	0.00mg/l
	5 hrs 10 min	1829	181.70	11.24	162.70	0.00mg/l
	5 hrs 20 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 30 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 40 min	1829	182.00	11.22	163.00	0.00mg/l
	5 hrs 50 min	1829	182.70	11.17	163.70	0.00mg/l
	6 hours	1829	183.80	11.10	164.80	0.00mg/l
	6 hrs 10 min	1829	186.70	10.91	167.70	0.00mg/l
	6 hrs 20 min	1829	187.30	10.87	168.30	0.00mg/l
	6 hrs 30 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 40 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 50 min	1829	187.65	10.84	168.65	0.00mg/l
	7 hours	1829	188.10	10.82	169.10	0.00mg/l
	7 hrs 10 min	1829	189.00	10.76	170.00	0.00mg/l
	7 hrs 20 min	1829	189.10	10.75	170.10	0.00mg/l
	7 hrs 30 min	1829	189.15	10.75	170.15	0.00mg/l
	7 hrs 40 min	1829	189.70	10.71	170.70	0.00mg/l
	7 hrs 50 min	1829	190.00	10.70	171.00	0.00mg/l
	8 hours	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 10 min	1829	189.80	10.71	170.80	0.00mg/l
	8 hrs 20 min	1829	189.75	10.71	170.75	0.00mg/l
	8 hrs 30 min	1829	190.20	10.68	171.20	0.00mg/l
	8 hrs 40 min	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 50 min	1829	190.35	10.67	171.35	0.00mg/l
	9 hours	1829	190.95	10.64	171.95	0.00mg/l
	9 hrs 10 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 20 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 30 min	1829	191.15	10.62	172.15	0.00mg/l
	9 hrs 40 min	1829	191.25	10.62	172.25	0.00mg/l
	9 hrs 50 min	1829	191.55	10.60	172.55	0.00mg/l
6/29/22 7:00 PM	10 hours	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 10 min	1829	191.90	10.58	172.90	0.00mg/l
	10 hrs 20 min	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 30 min	1829	192.15	10.56	173.15	0.00mg/l
	10 hrs 40 min	1829	192.35	10.55	173.35	0.00mg/l
	10 hrs 50 min	1829	192.70	10.53	173.70	0.00mg/l
	11 hours	1829	192.60	10.54	173.60	0.00mg/l
	11 hrs 10 min	1829	192.80	10.52	173.80	0.00mg/l

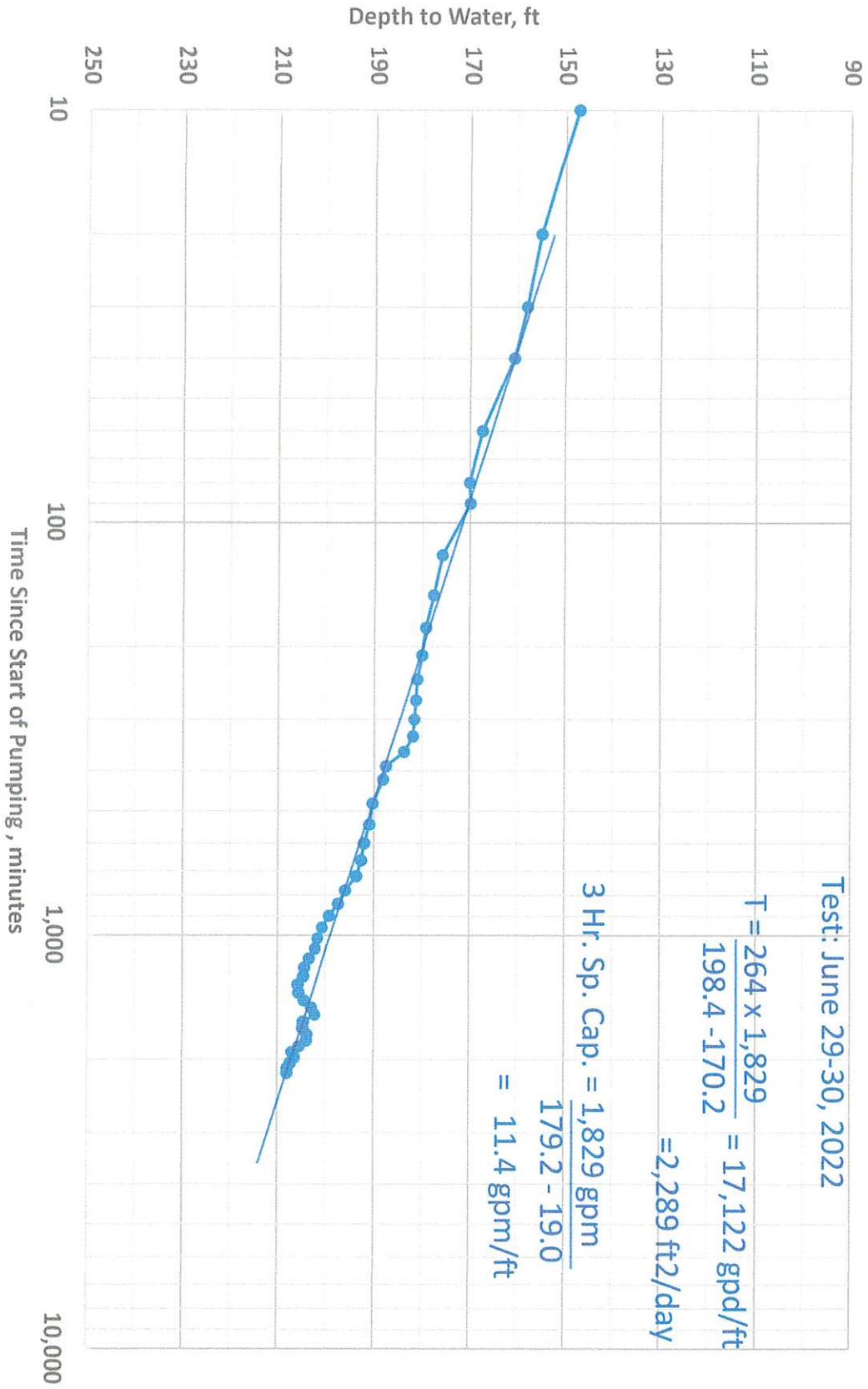
	11 hrs 20 min	1829	192.8	10.52	173.80	0.00mg/l
	11 hrs 30 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 40 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 50 min	1829	193.40	10.49	174.40	0.00mg/l
	12 hours	1829	193.55	10.48	174.55	0.00mg/l
	12 hrs 15 min	1829	193.80	10.46	174.80	0.00mg/l
	12 hrs 30 min	1829	194.70	10.41	175.70	0.00mg/l
	12 hrs 45 min	1829	195.45	10.37	176.45	0.00mg/l
	13 hours	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 15 min	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 30 min	1829	196.70	10.29	177.70	0.00mg/l
	13 hrs 45 min	1829	196.95	10.28	177.95	0.00mg/l
	14 hours	1829	197.35	10.26	178.35	0.00mg/l
	14 hrs 15 min	1829	197.90	10.22	178.90	0.00mg/l
	14 hrs 30 min	1829	198.35	10.20	179.35	0.00mg/l
	14 hrs 45 min	1829	198.70	10.18	179.70	0.00mg/l
6/30/22 12:00 AM	15 hours	1829	199.25	10.15	180.25	0.00mg/l
	15 hrs 15 min	1829	199.40	10.14	180.40	0.00mg/l
	15 hrs 30 min	1829	199.90	10.11	180.90	0.00mg/l
	15 hrs 45 min	1829	200.10	10.10	181.10	0.00mg/l
	16 hours	1829	200.75	10.06	181.75	0.00mg/l
	16 hrs 15 min	1829	200.85	10.06	181.85	0.00mg/l
	16 hrs 30 min	1829	201.20	10.04	182.20	0.00mg/l
	16 hrs 45 min	1829	201.20	10.04	182.20	0.00mg/l
	17 hours	1829	201.70	10.01	182.70	0.00mg/l
	17 hrs 15 min	1829	201.90	10.00	182.90	0.00mg/l
	17 hrs 30 min	1829	202.00	9.99	183.00	0.00mg/l
	17 hrs 45 min	1829	202.20	9.98	183.20	0.00mg/l
	18 hours	1829	202.20	9.98	183.20	0.00mg/l
	18 hrs 15 min	1829	202.60	9.96	183.60	0.00mg/l
	18 hrs 30 min	1829	202.90	9.95	183.90	0.00mg/l
	18 hrs 45 min	1829	203.40	9.92	184.40	0.00mg/l
	19 hours	1829	203.50	9.91	184.50	0.00mg/l
	19 hrs 15 min	1829	203.75	9.90	184.75	0.00mg/l
	19 hrs 30 min	1829	203.90	9.89	184.90	0.00mg/l
	19 hrs 45 min	1829	204.20	9.88	185.20	0.00mg/l
6/30/22 5:00 AM	20 hours	1829	204.45	9.86	185.45	0.00mg/l
	20 hrs 15 min	1829	204.80	9.84	185.80	0.00mg/l
	20 hrs 30 min	1829	204.60	9.85	185.60	0.00mg/l
	20 hrs 45 min	1829	204.55	9.86	185.55	0.00mg/l
	21 hours	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 15 min	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 30 min	1829	205.00	9.83	186.00	0.00mg/l
	21 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hours	1829	205.80	9.79	186.80	0.00mg/l
	22 hrs 15 min	1829	206.00	9.78	187.00	0.00mg/l
	22 hrs 30 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	23 hours	1829	205.65	9.80	186.65	0.00mg/l
	23 hrs 15 min	1829	204.90	9.84	185.90	0.00mg/l
	23 hrs 30 min	1829	204.55	9.86	185.55	0.00mg/l
	23 hrs 45 min	1829	204.50	9.86	185.50	0.00mg/l
6/30/22 9:00 AM	24 hours	1829	204.55	9.86	185.55	0.00mg/l
	24 hrs 30 min	1829	203.30	9.92	184.30	0.00mg/l
	25 hours	1829	203.00	9.94	184.00	0.00mg/l
	25 hrs 30 min	1829	202.35	9.98	183.35	0.00mg/l
	26 hours	1829	202.30	9.98	183.30	0.00mg/l
	26 hrs 30 min	1829	203.70	9.90	184.70	0.00mg/l
	27 hours	1829	204.75	9.85	185.75	0.00mg/l

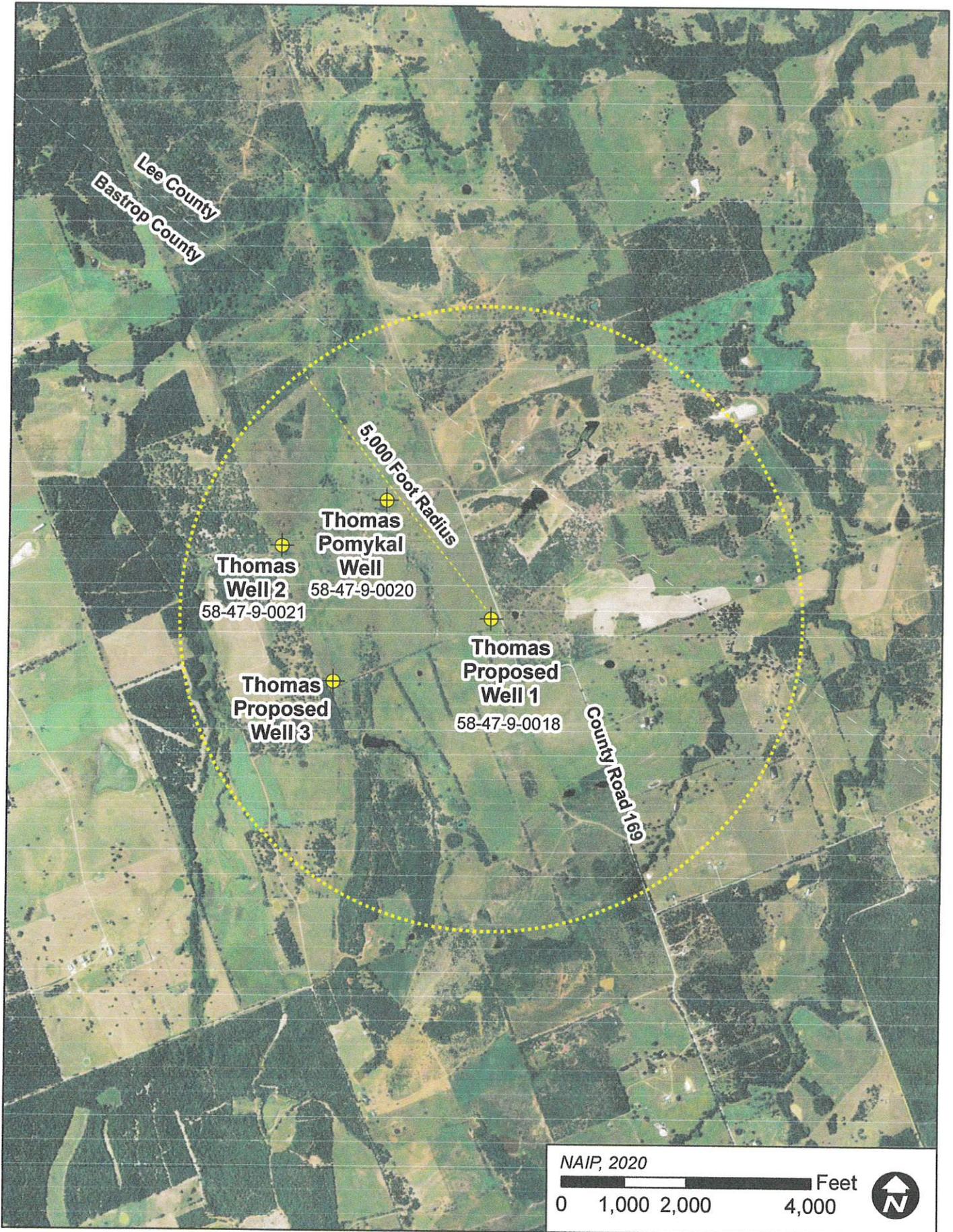
	27 hrs 30 min	1829	204.90	9.84	185.90	0.00mg/l
	28 hours	1829	204.85	9.84	185.85	0.00mg/l
	28 hrs 30 min	1829	204.30	9.87	185.30	0.00mg/l
	29 hours	1829	204.00	9.89	185.00	0.00mg/l
	29 hrs 30 min	1829	203.95	9.89	184.95	0.00mg/l
6/30/22 3:00 PM	30 hours	1829	204.10	9.88	185.10	0.00mg/l
	30 hrs 30 min	1829	205.30	9.82	186.30	0.00mg/l
	31 hours	1829	205.60	9.80	186.60	0.00mg/l
	31 hrs 30 min	1829	203.60	9.91	184.60	0.00mg/l
	32 hours	1829	207.00	9.73	188.00	0.00mg/l
	32 hrs 30 min	1829	206.50	9.75	187.50	0.00mg/l
	33 hours	1829	206.50	9.75	187.50	0.00mg/l
	33 hrs 30 min	1829	207.15	9.72	188.15	0.00mg/l
	34 hours	1829	207.35	9.71	188.35	0.00mg/l
	34 hrs 30 min	1829	207.70	9.69	188.70	0.00mg/l
	35 hours	1829	207.95	9.68	188.95	0.00mg/l
	35 hrs 30 min	1829	208.00	9.68	189.00	0.00mg/l
6/30/22 9:00 PM	36 hours	1829	208.05	9.67	189.05	0.00mg/l

36 Hour Pump Test Recovery

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
Start Time: 1:00 a.m.				
	2 min	OFF	91.80	
	4 min	OFF	84.55	
	6 min	OFF	80.35	
	8 min	OFF	77.70	
	10 min	OFF	75.70	
	12 min	OFF	74.10	
	14 min	OFF	72.65	
	16 min	OFF	71.30	
	18 min	OFF	70.30	
	20 min	OFF	69.25	
	25 min	OFF	67.25	
	30 min	OFF	65.55	
	35 min	OFF	63.95	
	40 min	OFF	62.80	
	45 min	OFF	61.65	
	50 min	OFF	60.70	
	55 min	OFF	59.85	
	1 hour	OFF	59.10	
	1 hr 10 min	OFF	57.65	
	1 hr 20 min	OFF	56.40	
	1 hr 30 min	OFF	55.35	
	1 hr 40 min	OFF	54.35	
	1 hr 50 min	OFF	53.45	
	2 hour	OFF	52.75	
	2 hr 10 min	OFF	51.95	
	2 hr 20 min	OFF	51.30	
	2 hr 30 min	OFF	50.70	
	2 hr 40 min	OFF	50.10	
	2 hr 50 min	OFF	49.60	
	3 hour	OFF	49.05	
	3 hr 10 min	OFF	48.55	
	3 hr 20 min	OFF	48.05	
	3 hr 30 min	OFF	47.60	
	3 hr 40 min	OFF	47.15	
	3 hr 50 min	OFF	46.75	
	4 hour	OFF	46.35	

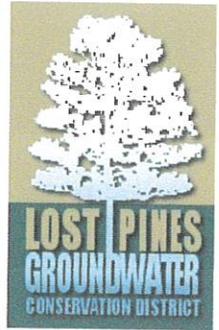
36 Hour Pumping Test Plot for Thomas Well 2
 Screened Interval: 232-510 feet





Proposed Well 1 Location Map

FORM 200
Operating/Transport Permit Application



For District Use Only:

Application Date <u>58 47 9 0021</u>
Temporary Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT Well 2

Name	<u>Mr. Emory Thomas</u>				
Company (if applicable)	<u>Thomas Turfgrass</u>				
Street (or PO Box)	<u>799 Old Potato Road</u>				
City	<u>Paige</u>	State	<u>Texas</u>	Zip	<u>78659</u>
Phone Number	<u>(979) 531-9975</u>				

SECTION II – WELL INFORMATION

What aquifer will the well be producing from?	<u>Carrizo Aquifer</u>
What is the known or proposed total depth of the well?	<u>520</u> feet
What is the known or proposed screened interval of the well?	<u>232-510</u> feet
What is the known or proposed capacity of the well?	<u>2,000</u> gpm instantaneous
Is this Application for an existing well already registered with the LPGCD?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes, what is the Well Number?	<u>584790021</u>
If No, has a Well Drilling Application (Form 100) or Well Registration Application (Form 300) been submitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Well location (use GPS coordinates if known.)	<u>30.2843, -97.13614</u> Well 2
County that the well is located in:	Bastrop <input checked="" type="checkbox"/> Lee <input type="checkbox"/>

SECTION III – WITHDRAWAL AMOUNT REQUESTED

What is the total maximum withdrawal requested? 3,950 acre-feet/year Aggregated with Wells 1 & 3 and Pomykal Well

Proposed maximum rate at which water will be withdrawn: 2,000 gpm

Is the Applicant requesting that the withdrawal be aggregated with another well? Yes x No

X If Yes, list other wells: Wells 1 and 3 and Pomykal Well

SECTION IV – PROPOSED USE

What is the proposed use of water from the well?

 Municipal Supply Mining X Irrigation Other (describe) _____

List proposed usage of water produced from well and the amount of usage:

Use <u>Irrigation</u>	Amount used <u>3,950</u>	acre-feet/year	in aggregate with Wells 1 and 3 and Pomykal Well
Use _____	Amount used _____	acre-feet/year	
Use _____	Amount used _____	acre-feet/year	

SECTION V – TRANSPORT INFORMATION

Will this well be used to export water outside of the LPGCD? Yes _____ No X

If Yes, what is the maximum amount of water proposed to be exported: _____ acre-feet/year

If Yes, location of the use of the water: _____

SECTION VI – REQUIRED ATTACHMENTS

See Attached Responses

The following attachments are required with an Operating Permit Application:

- _____ Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location
- _____ Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
- _____ Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.
- _____ Statement describing how the amount of water requested will be dedicated to a beneficial use.
- _____ Statement identifying the End User of the requested water or that the End User has not been identified.
- _____ Applicant's or End User's Water Conservation Plan (if available)
- _____ Applicant's or End User's Drought Contingency Plan (if available)
- _____ Applicant's or End User's Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.
- _____ Any other information (describe) _____

SECTION VII – DECLARATIONS

See attached responses

The Applicant agrees to the following conditions:

- I agree to avoid waste and achieve water conservation.
- I agree that reasonable diligence will be used to protect groundwater quality.
- I agree that well plugging guidelines will be followed at the time of well closure.

Signature of Applicant

10/26/22

Date

SECTION VI – RESPONSES

The following attachments are required with an Operating Permit Application:

_____ Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location **See attached well location map**

_____ Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
 See attached pumping test data

_____ Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.

Water will be used to irrigate a turf grass crop to supply to public and private sectors.

_____ Statement describing how the amount of water requested will be dedicated to a beneficial use.

Water will be used to grow natural sod which cuts down on ground heating and provides protective cover on the projects it is utilized.

_____ Statement identifying the End User of the requested water or that the End User has not been identified.

Thomas Turfgrass is the end user.

_____ Applicant's or End User's Water Conservation Plan (if available)

A plan is not available, but will use the water as efficiently as possible.

_____ Applicant's or End User's Drought Contingency Plan (if available)

No drought contingency plan available.

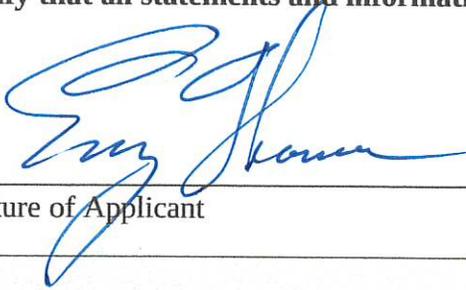
_____ Applicant's or End User's Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.

We will close the well according to guidelines of the TCEQ and report closure to the TCEQ.

_____ Any other information (describe) _____

SECTION VIII – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.



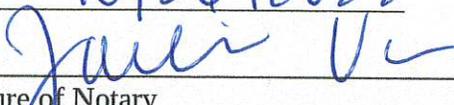
Signature of Applicant

10/26/22
Date

THE STATE OF TEXAS

COUNTY OF _____

I certify that the following person (s) personally appeared before me on this day, each acknowledging to me that he or she signed this Operating/Transport Permit Application.

Date: 10/26/2022

Signature of Notary

Jaelyn Vara
Printed Name of Notary

My commission expires: 5/22/2023



(seal)

Can be notarized by any Notary of your choice or at the LPGCD Office.



J & S WATER WELLS

P.O Box 675 Bellville, TX 77418
800-833-5538

36 Hour Pump Test and Recovery

Well Name: Thomas Turfgrass
Six Sprigs, Water Well #2

Date: 6/29/2022

Time Started: 9 a.m.

Static Level: 19.00 Ft.

Set Depth: 320'

Pump Column: 10"

Orifice Size: 12" x 10"

Lat: 30.2843
Long: -97.13614

1 Hour Monitoring for Pump Test

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
7:00 a.m.				
6/29/22 7:00 AM	15 min.	OFF	18.80	N/A
	30 min.	OFF	19.00	N/A
	45 min.	OFF	18.95	N/A
6/29/22 8:00 AM	1 hr.	OFF	19.05	N/A
	1 Hr. 15 Min	OFF	18.80	N/A
	1 Hr 30 Min	OFF	19.00	N/A
	1 Hr 45 Min	OFF	18.75	N/A
	2 Hr.	OFF	19.00	N/A

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	SPECIFIC CAPACITY	DRAW DOWN	SAND CONTENT
Start Time: 9:00 AM						
	2 min	1829	104.40	21.42	85.40	0.00mg/l
	4 min	1829	122.35	17.70	103.35	0.00mg/l
	6 min	1829	145.20	14.49	126.20	0.00mg/l
	8 min	1829	146.80	14.31	127.80	0.00mg/l
	10 min	1829	147.30	14.26	128.30	0.00mg/l
	12 min	1829	149.95	13.97	130.95	0.00mg/l
	14 min	1829	152.60	13.69	133.60	0.00mg/l
	16 min	1829	153.95	13.55	134.95	0.00mg/l
	18 min	1829	154.00	13.55	135.00	0.00mg/l
	20 min	1829	155.05	13.44	136.05	0.00mg/l
	25 min	1829	156.75	13.28	137.75	0.00mg/l
	30 min	1829	158.00	13.16	139.00	0.00mg/l
	35 min	1829	159.65	13.00	140.65	0.00mg/l
	40 min	1829	160.70	12.91	141.70	0.00mg/l
	45 min	1829	161.00	12.88	142.00	0.00mg/l
	50 min	1829	164.20	12.60	145.20	0.00mg/l
	55 min	1829	166.50	12.40	147.50	0.00mg/l
6/29/22 10:00 AM	1 hour	1829	167.40	12.32	148.40	0.00mg/l
	1 hour 10 min	1829	168.90	12.20	149.90	0.00mg/l
	1 hour 20 min	1829	170.10	12.10	151.10	0.00mg/l

	1 hour 30 min	1829	169.90	12.12	150.90	0.00mg/l
	1 hour 40 min	1829	174.00	11.80	155.00	0.00mg/l
	1 hour 50 min	1829	174.40	11.77	155.40	0.00mg/l
	2 hours	1829	175.80	11.66	156.80	0.00mg/l
	2 hrs 10 min	1829	176.40	11.62	157.40	0.00mg/l
	2 hrs 20 min	1829	177.10	11.57	158.10	0.00mg/l
	2 hrs 30 min	1829	177.60	11.53	158.60	0.00mg/l
	2 hrs 40 min	1829	178.10	11.50	159.10	0.00mg/l
	2 hrs 50 min	1829	178.50	11.47	159.50	0.00mg/l
	3 hours	1829	179.20	11.42	160.20	0.00mg/l
	3 hrs 10 min	1829	179.30	11.41	160.30	0.00mg/l
	3 hrs 20 min	1829	179.80	11.37	160.80	0.00mg/l
	3 hrs 30 min	1829	180.00	11.36	161.00	0.00mg/l
	3 hrs 40 min	1829	180.50	11.33	161.50	0.00mg/l
	3 hrs 50 min	1829	180.50	11.33	161.50	0.00mg/l
	4 hours	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 10 min	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 20 min	1829	181.20	11.28	162.20	0.00mg/l
	4 hrs 30 min	1829	181.30	11.27	162.30	0.00mg/l
	4 hrs 40 min	1829	181.40	11.26	162.40	0.00mg/l
	4 hrs 50 min	1829	181.50	11.26	162.50	0.00mg/l
6/29/22 2:00 PM	5 hours	1829	181.60	11.25	162.60	0.00mg/l
	5 hrs 10 min	1829	181.70	11.24	162.70	0.00mg/l
	5 hrs 20 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 30 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 40 min	1829	182.00	11.22	163.00	0.00mg/l
	5 hrs 50 min	1829	182.70	11.17	163.70	0.00mg/l
	6 hours	1829	183.80	11.10	164.80	0.00mg/l
	6 hrs 10 min	1829	186.70	10.91	167.70	0.00mg/l
	6 hrs 20 min	1829	187.30	10.87	168.30	0.00mg/l
	6 hrs 30 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 40 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 50 min	1829	187.65	10.84	168.65	0.00mg/l
	7 hours	1829	188.10	10.82	169.10	0.00mg/l
	7 hrs 10 min	1829	189.00	10.76	170.00	0.00mg/l
	7 hrs 20 min	1829	189.10	10.75	170.10	0.00mg/l
	7 hrs 30 min	1829	189.15	10.75	170.15	0.00mg/l
	7 hrs 40 min	1829	189.70	10.71	170.70	0.00mg/l
	7 hrs 50 min	1829	190.00	10.70	171.00	0.00mg/l
	8 hours	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 10 min	1829	189.80	10.71	170.80	0.00mg/l
	8 hrs 20 min	1829	189.75	10.71	170.75	0.00mg/l
	8 hrs 30 min	1829	190.20	10.68	171.20	0.00mg/l
	8 hrs 40 min	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 50 min	1829	190.35	10.67	171.35	0.00mg/l
	9 hours	1829	190.95	10.64	171.95	0.00mg/l
	9 hrs 10 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 20 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 30 min	1829	191.15	10.62	172.15	0.00mg/l
	9 hrs 40 min	1829	191.25	10.62	172.25	0.00mg/l
	9 hrs 50 min	1829	191.55	10.60	172.55	0.00mg/l
6/29/22 7:00 PM	10 hours	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 10 min	1829	191.90	10.58	172.90	0.00mg/l
	10 hrs 20 min	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 30 min	1829	192.15	10.56	173.15	0.00mg/l
	10 hrs 40 min	1829	192.35	10.55	173.35	0.00mg/l
	10 hrs 50 min	1829	192.70	10.53	173.70	0.00mg/l
	11 hours	1829	192.60	10.54	173.60	0.00mg/l
	11 hrs 10 min	1829	192.80	10.52	173.80	0.00mg/l

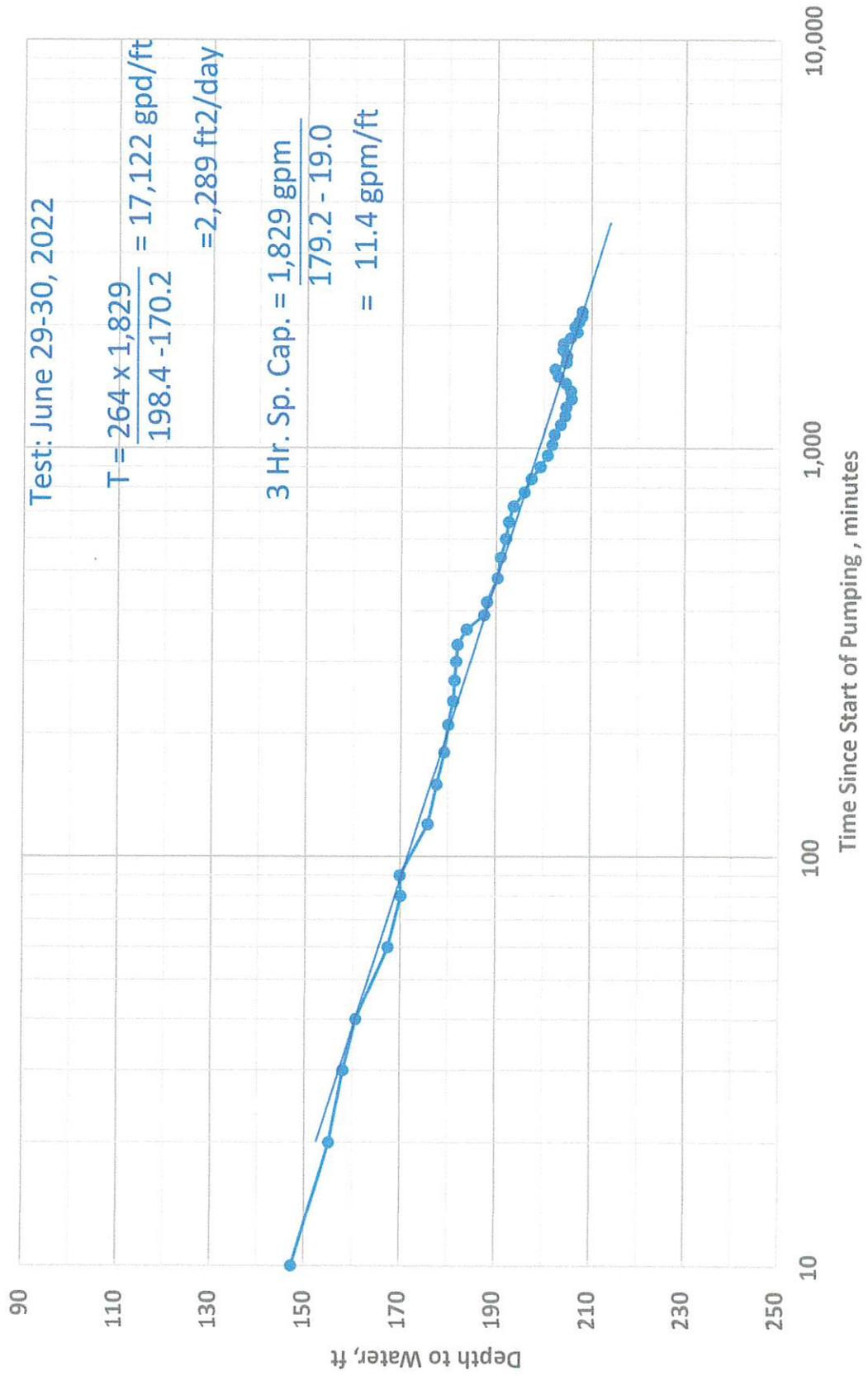
	11 hrs 20 min	1829	192.8	10.52	173.80	0.00mg/l
	11 hrs 30 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 40 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 50 min	1829	193.40	10.49	174.40	0.00mg/l
	12 hours	1829	193.55	10.48	174.55	0.00mg/l
	12 hrs 15 min	1829	193.80	10.46	174.80	0.00mg/l
	12 hrs 30 min	1829	194.70	10.41	175.70	0.00mg/l
	12 hrs 45 min	1829	195.45	10.37	176.45	0.00mg/l
	13 hours	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 15 min	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 30 min	1829	196.70	10.29	177.70	0.00mg/l
	13 hrs 45 min	1829	196.95	10.28	177.95	0.00mg/l
	14 hours	1829	197.35	10.26	178.35	0.00mg/l
	14 hrs 15 min	1829	197.90	10.22	178.90	0.00mg/l
	14 hrs 30 min	1829	198.35	10.20	179.35	0.00mg/l
	14 hrs 45 min	1829	198.70	10.18	179.70	0.00mg/l
6/30/22 12:00 AM	15 hours	1829	199.25	10.15	180.25	0.00mg/l
	15 hrs 15 min	1829	199.40	10.14	180.40	0.00mg/l
	15 hrs 30 min	1829	199.90	10.11	180.90	0.00mg/l
	15 hrs 45 min	1829	200.10	10.10	181.10	0.00mg/l
	16 hours	1829	200.75	10.06	181.75	0.00mg/l
	16 hrs 15 min	1829	200.85	10.06	181.85	0.00mg/l
	16 hrs 30 min	1829	201.20	10.04	182.20	0.00mg/l
	16 hrs 45 min	1829	201.20	10.04	182.20	0.00mg/l
	17 hours	1829	201.70	10.01	182.70	0.00mg/l
	17 hrs 15 min	1829	201.90	10.00	182.90	0.00mg/l
	17 hrs 30 min	1829	202.00	9.99	183.00	0.00mg/l
	17 hrs 45 min	1829	202.20	9.98	183.20	0.00mg/l
	18 hours	1829	202.20	9.98	183.20	0.00mg/l
	18 hrs 15 min	1829	202.60	9.96	183.60	0.00mg/l
	18 hrs 30 min	1829	202.90	9.95	183.90	0.00mg/l
	18 hrs 45 min	1829	203.40	9.92	184.40	0.00mg/l
	19 hours	1829	203.50	9.91	184.50	0.00mg/l
	19 hrs 15 min	1829	203.75	9.90	184.75	0.00mg/l
	19 hrs 30 min	1829	203.90	9.89	184.90	0.00mg/l
	19 hrs 45 min	1829	204.20	9.88	185.20	0.00mg/l
6/30/22 5:00 AM	20 hours	1829	204.45	9.86	185.45	0.00mg/l
	20 hrs 15 min	1829	204.80	9.84	185.80	0.00mg/l
	20 hrs 30 min	1829	204.60	9.85	185.60	0.00mg/l
	20 hrs 45 min	1829	204.55	9.86	185.55	0.00mg/l
	21 hours	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 15 min	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 30 min	1829	205.00	9.83	186.00	0.00mg/l
	21 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hours	1829	205.80	9.79	186.80	0.00mg/l
	22 hrs 15 min	1829	206.00	9.78	187.00	0.00mg/l
	22 hrs 30 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	23 hours	1829	205.65	9.80	186.65	0.00mg/l
	23 hrs 15 min	1829	204.90	9.84	185.90	0.00mg/l
	23 hrs 30 min	1829	204.55	9.86	185.55	0.00mg/l
	23 hrs 45 min	1829	204.50	9.86	185.50	0.00mg/l
6/30/22 9:00 AM	24 hours	1829	204.55	9.86	185.55	0.00mg/l
	24 hrs 30 min	1829	203.30	9.92	184.30	0.00mg/l
	25 hours	1829	203.00	9.94	184.00	0.00mg/l
	25 hrs 30 min	1829	202.35	9.98	183.35	0.00mg/l
	26 hours	1829	202.30	9.98	183.30	0.00mg/l
	26 hrs 30 min	1829	203.70	9.90	184.70	0.00mg/l
	27 hours	1829	204.75	9.85	185.75	0.00mg/l

	27 hrs 30 min	1829	204.90	9.84	185.90	0.00mg/l
	28 hours	1829	204.85	9.84	185.85	0.00mg/l
	28 hrs 30 min	1829	204.30	9.87	185.30	0.00mg/l
	29 hours	1829	204.00	9.89	185.00	0.00mg/l
	29 hrs 30 min	1829	203.95	9.89	184.95	0.00mg/l
6/30/22 3:00 PM	30 hours	1829	204.10	9.88	185.10	0.00mg/l
	30 hrs 30 min	1829	205.30	9.82	186.30	0.00mg/l
	31 hours	1829	205.60	9.80	186.60	0.00mg/l
	31 hrs 30 min	1829	203.60	9.91	184.60	0.00mg/l
	32 hours	1829	207.00	9.73	188.00	0.00mg/l
	32 hrs 30 min	1829	206.50	9.75	187.50	0.00mg/l
	33 hours	1829	206.50	9.75	187.50	0.00mg/l
	33 hrs 30 min	1829	207.15	9.72	188.15	0.00mg/l
	34 hours	1829	207.35	9.71	188.35	0.00mg/l
	34 hrs 30 min	1829	207.70	9.69	188.70	0.00mg/l
	35 hours	1829	207.95	9.68	188.95	0.00mg/l
	35 hrs 30 min	1829	208.00	9.68	189.00	0.00mg/l
6/30/22 9:00 PM	36 hours	1829	208.05	9.67	189.05	0.00mg/l

36 Hour Pump Test Recovery

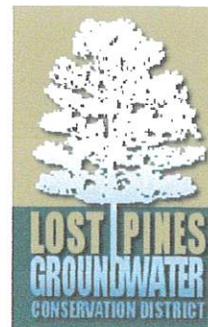
TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
Start Time: 1:00 a.m.				
	2 min	OFF	91.80	
	4 min	OFF	84.55	
	6 min	OFF	80.35	
	8 min	OFF	77.70	
	10 min	OFF	75.70	
	12 min	OFF	74.10	
	14 min	OFF	72.65	
	16 min	OFF	71.30	
	18 min	OFF	70.30	
	20 min	OFF	69.25	
	25 min	OFF	67.25	
	30 min	OFF	65.55	
	35 min	OFF	63.95	
	40 min	OFF	62.80	
	45 min	OFF	61.65	
	50 min	OFF	60.70	
	55 min	OFF	59.85	
	1 hour	OFF	59.10	
	1 hr 10 min	OFF	57.65	
	1 hr 20 min	OFF	56.40	
	1 hr 30 min	OFF	55.35	
	1 hr 40 min	OFF	54.35	
	1 hr 50 min	OFF	53.45	
	2 hour	OFF	52.75	
	2 hr 10 min	OFF	51.95	
	2 hr 20 min	OFF	51.30	
	2 hr 30 min	OFF	50.70	
	2 hr 40 min	OFF	50.10	
	2 hr 50 min	OFF	49.60	
	3 hour	OFF	49.05	
	3 hr 10 min	OFF	48.55	
	3 hr 20 min	OFF	48.05	
	3 hr 30 min	OFF	47.60	
	3 hr 40 min	OFF	47.15	
	3 hr 50 min	OFF	46.75	
	4 hour	OFF	46.35	

36 Hour Pumping Test Plot for Thomas Well 2
 Screened Interval: 232-510 feet



FORM 300

Well Registration Application



For District Use Only:

Application Date

Well Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Well 2

Name	Mr. Emory Thomas				
Company (if applicable)	Thomas Turfgrass				
Street (or PO Box)	799 Old Potato Road				
City	Paige	State	Texas	Zip	78659
Phone Number	(979) 531-9975				

SECTION II – EXEMPTION

Is the Applicant Requesting an Exemption Under Lost Pines Groundwater Conservation District Rule 3.1? Yes _____ No <input checked="" type="checkbox"/>
TYPE OF EXEMPTION CLAIMED:
<input type="checkbox"/> A well that is solely for domestic or livestock use that is incapable of producing more than 25,000 gallons per day (gpd).
<input type="checkbox"/> A well that uses less than 200 acre-feet/year solely for agricultural use.
<input type="checkbox"/> A well that is used solely to supply water for a rig that is actively engaged in drilling or exploration operations for an oil or gas well permitted by the Railroad Commission of Texas.
<input type="checkbox"/> A water well authorized under a permit issued by the Railroad Commission of Texas for mining activities.
<input type="checkbox"/> A water well drilled and completed solely for the purposes of aquifer testing.

SECTION III – WELL INFORMATION

Location of the well: Latitude 30.2843 Longitude -97.13614 Well 2

Physical description of the well location (if GPS coordinates are not available):

Located about 2,900 feet west of the north end of County Road 169

County that the well is located in: Bastrop Lee

What is the type of well (circle one)?

Domestic Livestock Irrigation Municipal Supply Mining Rig Supply Test Other _____

What aquifer is water produced from (if known): Carrizo Aquifer

Please attach copies of the following Schedules or Logs, if available:

State Well Report: Electric Log: Aquifer Test Results:

Date Well Drilled: 2022 Driller: Richardson Driller's License No: 54385

Land surface elevation: 458 feet

Total Well Depth: 520 feet

Screened Interval: 232 to 510 feet

Depth to Water: 19 feet

Well Diameter: 16 inches

Diameter of borehole: 22 inches

Pump set at: 320 feet

Pump type: Turbine

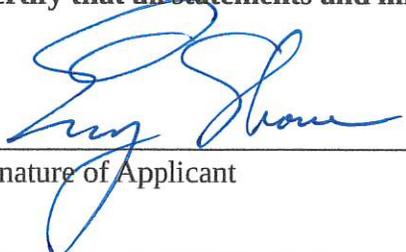
Pump size: 300 horsepower

Well Capacity: 2,000 gpm

NOTE: A fully completed state well report can be submitted in lieu of the above information.

SECTION IV – AFFIRMATION

I certify that all statements and information in this application are true and correct.



Signature of Applicant

10/26/22

Date

STATE OF TEXAS WELL REPORT for Tracking #613095

Owner:	Thomas Turf Grass	Owner Well #:	Six Sprigs Irrigation WL 2
Address:	3931 County Road 154 Wharton, TX 77488	Grid #:	58-47-9
Well Location:	Longhorn Trail McDade, TX	Latitude:	30° 17' 03.48" N
		Longitude:	097° 08' 10.1" W
	Take 290 to Paige. Turn right on Hwy 21 and go 1.6 miles. Turn left on Stockade Ranch Road and go 1.6 miles. Turn right on Frenzel Cutoff Road and go 1.2 miles. Turn left on Longhorn Trail and go 2.3 miles to corner of property.	Elevation:	No Data
Well County:	Bastrop	Well 2	

Type of Work: New Well	Proposed Use: Irrigation
-------------------------------	---------------------------------

Drilling Start Date: 5/16/2022 Drilling End Date: 7/3/2022

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	22	0	525
	9.875	525	900

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	Bottom Depth (ft.)	Filter Material	Size
Filter Pack Intervals:	15	525	Gravel	12/20

	Top Depth (ft.)	Bottom Depth (ft.)	Description (number of sacks & material)
Annular Seal Data:	0	15	Cement 80 Bags/Sacks

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other concentrated contamination (ft.): **500+**

Distance to Septic Tank (ft.): **500+**

Method of Verification: **Visual Inspection**

Surface Completion: Surface Slab Installed	Surface Completion by Driller
---	--------------------------------------

Water Level: **19 ft. below land surface on 2022-06-29**

Packers: **No Data**

Type of Pump: **Turbine** Pump Depth (ft.): **320**

Well Tests: **Pump** Yield: 1829 GPM with 189 ft. drawdown after 36 hours

Plug Information:	Description (number of sacks & material)	Top Depth (ft.)	Bottom Depth (ft.)
	Cement	525	535
	Bentonite	535	900

Water Quality: Strata Depth (ft.) **900** Water Type **Fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **J&S WATER WELLS**
P O BOX 675
BELLVILLE, TX 77418

Driller Name: **Monte Richardson**

License Number: **54385**

Apprentice Name: **Hector Hernandez**

Apprentice Number: **60210**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

Top (ft.)	Bottom (ft.)	Description	Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
0	10	Clay	16	Blank	New Steel	0.375	0	232
10	20	Sand	16	Screen	New SSWOP	0.025	232	350
20	25	Lignite	16	Swage	New 16 x 14 Swage	SCH 40	350	352
25	35	Clay	14	Screen	New SSWOP	0.025	352	444
35	90	Rock & Sand	14	Blank	New Steel	0.375	444	466
90	172	Clay & Rock	14	Screen	New SSWOP	0.025	466	510
172	185	Hard Rock	14	Blank	New Steel	0.375	510	520
185	205	Clay & Rock						
205	300	Clay & Sand						
300	330	Rock & Sand						
330	440	Good Sand						
440	460	Clay						
460	505	Sand						

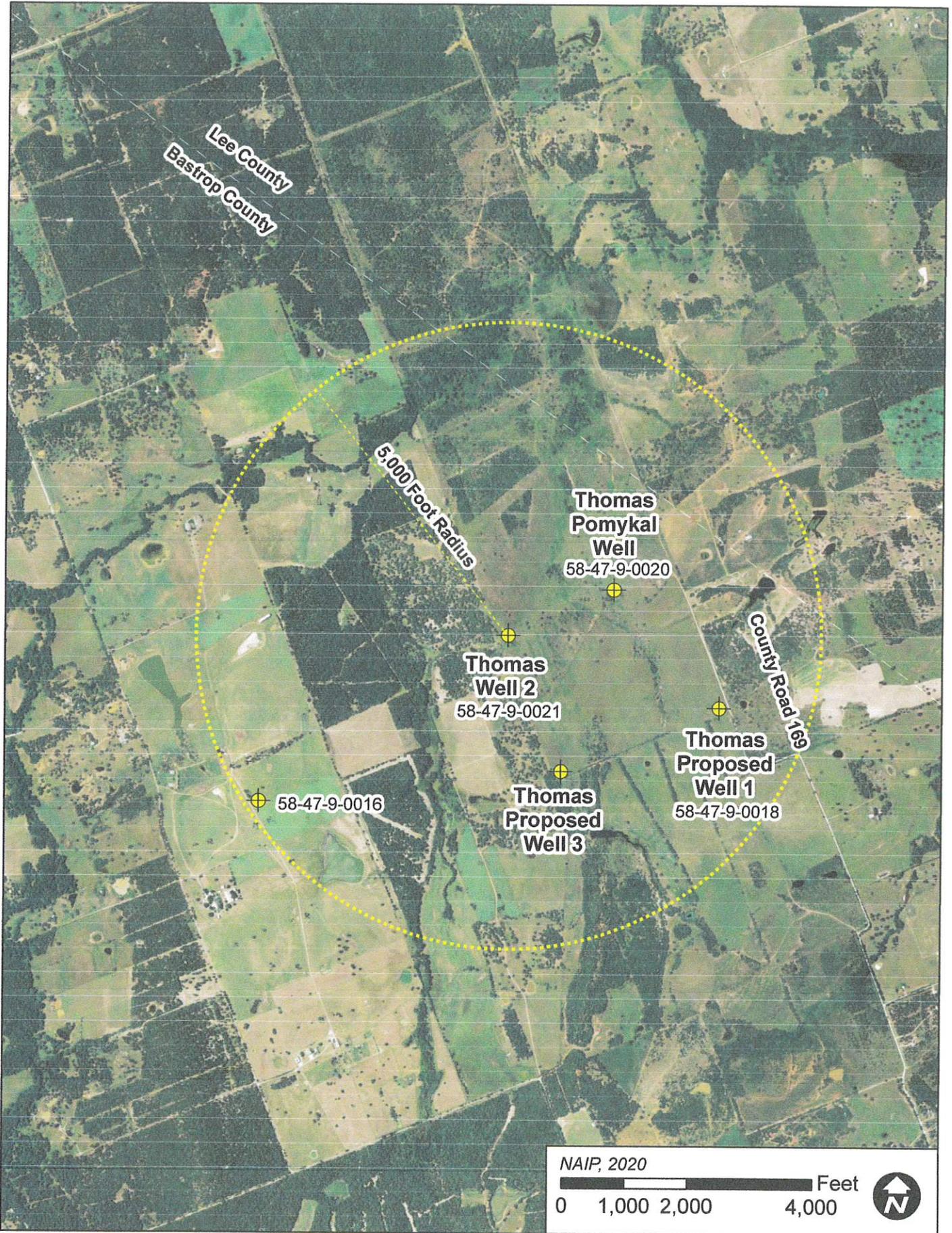
505	520	Lignite
520	600	Clay & Lignite
600	665	Clay
665	675	Sand
675	740	Clay
740	800	Clay & Sand
800	900	Shale

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540



Existing Well 2 Location Map

FORM 100

Well Drilling Application



For District Use Only:

<u>10/26/2022</u> Application Date
<u>5847 9 0022</u> Well Drilling Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

Well 3

SECTION I – APPLICANT

Name	Mr. Emory Thomas				
Company (if applicable)	Thomas Turfgrass				
Street (or PO Box)	799 Old Potato Road				
City	Paige	State	Texas	Zip	78659
Phone Number	(979) 531-9975				

SECTION II – DRILLING SITE DESCRIPTION

Physical Description of Proposed Drilling Site (use GPS coordinates if known.)	Well 3
About 1,800 feet south of north end of County Road 169 and 3,000 feet west. 30.2783, -97.1336	
County that the Drilling Site is Located in:	Bastrop <input checked="" type="checkbox"/> Lee <input type="checkbox"/>
Is the proposed well located within a neighborhood or subdivision?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes, which neighborhood or subdivision? _____	

SECTION III – AUTHORIZATION TO DRILL

Is the Applicant the same as the Property Owner of the Proposed Drilling Site?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Property Owner is different from Applicant shown in Section I, contact information and a notarized letter of authorization to drill from the property owner must be attached to this application.	

SECTION V – WELL INFORMATION

What will be the primary use of the well (circle one)?

Domestic Livestock Irrigation Municipal Supply Mining Rig Supply Test Other _____

What is the proposed aquifer that the well will produce from (if known)? Carrizo Aquifer

What will be the approximate total depth of the well (if known)? 500 feet

Will the Applicant be requesting an exemption under LPGCD Rule 3.1? Yes _____ No x

If Yes, type of exemption claimed:

_____ A well that is solely for domestic or livestock use that is incapable of producing more than 25,000 gallons per day (gpd).

_____ A well that uses less than 200 acre-feet/year solely for agricultural use.

_____ A well that is used solely to supply water for a rig that is actively engaged in drilling or exploration operations for an oil or gas well permitted by the Railroad Commission of Texas.

_____ A water well authorized under a permit issued by the Railroad Commission of Texas for mining activities.

_____ A water well drilled and completed solely for the purposes of aquifer testing.

SECTION IV – AFFIRMATION

I certify that all statements and information in this application are true and correct.

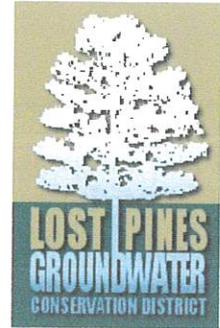


Signature of Applicant

10/26/22
Date

FORM 200

Operating/Transport Permit Application



For District Use Only:

Application Date

Temporary Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Well 3

Name	Mr. Emory Thomas				
Company (if applicable)	Thomas Turfgrass				
Street (or PO Box)	799 Old Potato Road				
City	Paige	State	Texas	Zip	78659
Phone Number	(979) 531-9975				

SECTION II – WELL INFORMATION

What aquifer will the well be producing from?	Carrizo Aquifer
What is the known or proposed total depth of the well?	510 feet
What is the known or proposed screened interval of the well?	280-500 feet
What is the known or proposed capacity of the well?	1,200 gpm
Is this Application for an existing well already registered with the LPGCD?	Yes _____ No <input checked="" type="checkbox"/>
If Yes, what is the Well Number?	_____
If No, has a Well Drilling Application (Form 100) or Well Registration Application (Form 300) been submitted?	Yes <input checked="" type="checkbox"/> now No _____
Well location (use GPS coordinates if known.)	30.2843, -97.1336 About 1800 feet south of north end of C R 169 and about 3,000 feet west of C R 169
County that the well is located in:	Bastrop <input checked="" type="checkbox"/> Lee _____

SECTION VI – REQUIRED ATTACHMENTS

See attached responses

The following attachments are required with an Operating Permit Application:

- _____ Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location
- _____ Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
- _____ Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.
- _____ Statement describing how the amount of water requested will be dedicated to a beneficial use.
- _____ Statement identifying the End User of the requested water or that the End User has not been identified.
- _____ Applicant’s or End User’s Water Conservation Plan (if available)
- _____ Applicant’s or End User’s Drought Contingency Plan (if available)
- _____ Applicant’s or End User’s Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.
- _____ Any other information (describe) _____

SECTION VII – DECLARATIONS

see attached responses

The Applicant agrees to the following conditions:

- I agree to avoid waste and achieve water conservation.
- I agree that reasonable diligence will be used to protect groundwater quality.
- I agree that well plugging guidelines will be followed at the time of well closure.



Signature of Applicant

10/26/22

Date

SECTION VI – RESPONSES

The following attachments are required with an Operating Permit Application:

_____ Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location **See attached well location map**

_____ Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
 See attached pumping test data

_____ Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.

Water will be used to irrigate a turf grass crop to supply to public and private sectors.

_____ Statement describing how the amount of water requested will be dedicated to a beneficial use.

Water will be used to grow natural sod which cuts down on ground heating and provides protective cover on the projects it is utilized.

_____ Statement identifying the End User of the requested water or that the End User has not been identified.

Thomas Turfgrass is the end user.

_____ Applicant's or End User's Water Conservation Plan (if available)

A plan is not available, but will use the water as efficiently as possible.

_____ Applicant's or End User's Drought Contingency Plan (if available)

No drought contingency plan available.

_____ Applicant's or End User's Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.

We will close the well according to guidelines of the TCEQ and report closure to the TCEQ.

_____ Any other information (describe) _____

SECTION VIII – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.



Signature of Applicant

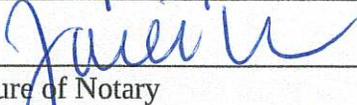
10/26/22
Date

THE STATE OF **TEXAS**

COUNTY OF Bastrop

I certify that the following person (s) personally appeared before me on this day, each acknowledging to me that he or she signed this Operating/Transport Permit Application.

Date: 10/26/22



Signature of Notary

Jaclyn Vara

Printed Name of Notary

My commission expires: 5/22/2023



(seal)

Can be notarized by any Notary of your choice or at the LPGCD Office.



J & S WATER WELLS

P.O Box 675 Bellville, TX 77418
800-833-5538

36 Hour Pump Test and Recovery

Well Name: Thomas Turfgrass
Six Sprigs, Water Well #2

Date: 6/29/2022

Time Started: 9 a.m.

Static Level: 19.00 Ft.

Set Depth: 320'

Pump Column: 10"

Orifice Size: 12" x 10"

Lat: 30.2843
Long: -97.13614

1 Hour Monitoring for Pump Test

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
7:00 a.m.				
6/29/22 7:00 AM	15 min.	OFF	18.80	N/A
	30 min.	OFF	19.00	N/A
	45 min.	OFF	18.95	N/A
6/29/22 8:00 AM	1 hr.	OFF	19.05	N/A
	1 Hr. 15 Min	OFF	18.80	N/A
	1 Hr 30 Min	OFF	19.00	N/A
	1 Hr 45 Min	OFF	18.75	N/A
	2 Hr.	OFF	19.00	N/A

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	SPECIFIC CAPACITY	DRAW DOWN	SAND CONTENT
Start Time: 9:00 AM						
	2 min	1829	104.40	21.42	85.40	0.00mg/l
	4 min	1829	122.35	17.70	103.35	0.00mg/l
	6 min	1829	145.20	14.49	126.20	0.00mg/l
	8 min	1829	146.80	14.31	127.80	0.00mg/l
	10 min	1829	147.30	14.26	128.30	0.00mg/l
	12 min	1829	149.95	13.97	130.95	0.00mg/l
	14 min	1829	152.60	13.69	133.60	0.00mg/l
	16 min	1829	153.95	13.55	134.95	0.00mg/l
	18 min	1829	154.00	13.55	135.00	0.00mg/l
	20 min	1829	155.05	13.44	136.05	0.00mg/l
	25 min	1829	156.75	13.28	137.75	0.00mg/l
	30 min	1829	158.00	13.16	139.00	0.00mg/l
	35 min	1829	159.65	13.00	140.65	0.00mg/l
	40 min	1829	160.70	12.91	141.70	0.00mg/l
	45 min	1829	161.00	12.88	142.00	0.00mg/l
	50 min	1829	164.20	12.60	145.20	0.00mg/l
	55 min	1829	166.50	12.40	147.50	0.00mg/l
6/29/22 10:00 AM	1 hour	1829	167.40	12.32	148.40	0.00mg/l
	1 hour 10 min	1829	168.90	12.20	149.90	0.00mg/l
	1 hour 20 min	1829	170.10	12.10	151.10	0.00mg/l

	1 hour 30 min	1829	169.90	12.12	150.90	0.00mg/l
	1 hour 40 min	1829	174.00	11.80	155.00	0.00mg/l
	1 hour 50 min	1829	174.40	11.77	155.40	0.00mg/l
	2 hours	1829	175.80	11.66	156.80	0.00mg/l
	2 hrs 10 min	1829	176.40	11.62	157.40	0.00mg/l
	2 hrs 20 min	1829	177.10	11.57	158.10	0.00mg/l
	2 hrs 30 min	1829	177.60	11.53	158.60	0.00mg/l
	2 hrs 40 min	1829	178.10	11.50	159.10	0.00mg/l
	2 hrs 50 min	1829	178.50	11.47	159.50	0.00mg/l
	3 hours	1829	179.20	11.42	160.20	0.00mg/l
	3 hrs 10 min	1829	179.30	11.41	160.30	0.00mg/l
	3 hrs 20 min	1829	179.80	11.37	160.80	0.00mg/l
	3 hrs 30 min	1829	180.00	11.36	161.00	0.00mg/l
	3 hrs 40 min	1829	180.50	11.33	161.50	0.00mg/l
	3 hrs 50 min	1829	180.50	11.33	161.50	0.00mg/l
	4 hours	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 10 min	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 20 min	1829	181.20	11.28	162.20	0.00mg/l
	4 hrs 30 min	1829	181.30	11.27	162.30	0.00mg/l
	4 hrs 40 min	1829	181.40	11.26	162.40	0.00mg/l
	4 hrs 50 min	1829	181.50	11.26	162.50	0.00mg/l
6/29/22 2:00 PM	5 hours	1829	181.60	11.25	162.60	0.00mg/l
	5 hrs 10 min	1829	181.70	11.24	162.70	0.00mg/l
	5 hrs 20 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 30 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 40 min	1829	182.00	11.22	163.00	0.00mg/l
	5 hrs 50 min	1829	182.70	11.17	163.70	0.00mg/l
	6 hours	1829	183.80	11.10	164.80	0.00mg/l
	6 hrs 10 min	1829	186.70	10.91	167.70	0.00mg/l
	6 hrs 20 min	1829	187.30	10.87	168.30	0.00mg/l
	6 hrs 30 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 40 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 50 min	1829	187.65	10.84	168.65	0.00mg/l
	7 hours	1829	188.10	10.82	169.10	0.00mg/l
	7 hrs 10 min	1829	189.00	10.76	170.00	0.00mg/l
	7 hrs 20 min	1829	189.10	10.75	170.10	0.00mg/l
	7 hrs 30 min	1829	189.15	10.75	170.15	0.00mg/l
	7 hrs 40 min	1829	189.70	10.71	170.70	0.00mg/l
	7 hrs 50 min	1829	190.00	10.70	171.00	0.00mg/l
	8 hours	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 10 min	1829	189.80	10.71	170.80	0.00mg/l
	8 hrs 20 min	1829	189.75	10.71	170.75	0.00mg/l
	8 hrs 30 min	1829	190.20	10.68	171.20	0.00mg/l
	8 hrs 40 min	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 50 min	1829	190.35	10.67	171.35	0.00mg/l
	9 hours	1829	190.95	10.64	171.95	0.00mg/l
	9 hrs 10 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 20 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 30 min	1829	191.15	10.62	172.15	0.00mg/l
	9 hrs 40 min	1829	191.25	10.62	172.25	0.00mg/l
	9 hrs 50 min	1829	191.55	10.60	172.55	0.00mg/l
6/29/22 7:00 PM	10 hours	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 10 min	1829	191.90	10.58	172.90	0.00mg/l
	10 hrs 20 min	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 30 min	1829	192.15	10.56	173.15	0.00mg/l
	10 hrs 40 min	1829	192.35	10.55	173.35	0.00mg/l
	10 hrs 50 min	1829	192.70	10.53	173.70	0.00mg/l
	11 hours	1829	192.60	10.54	173.60	0.00mg/l
	11 hrs 10 min	1829	192.80	10.52	173.80	0.00mg/l

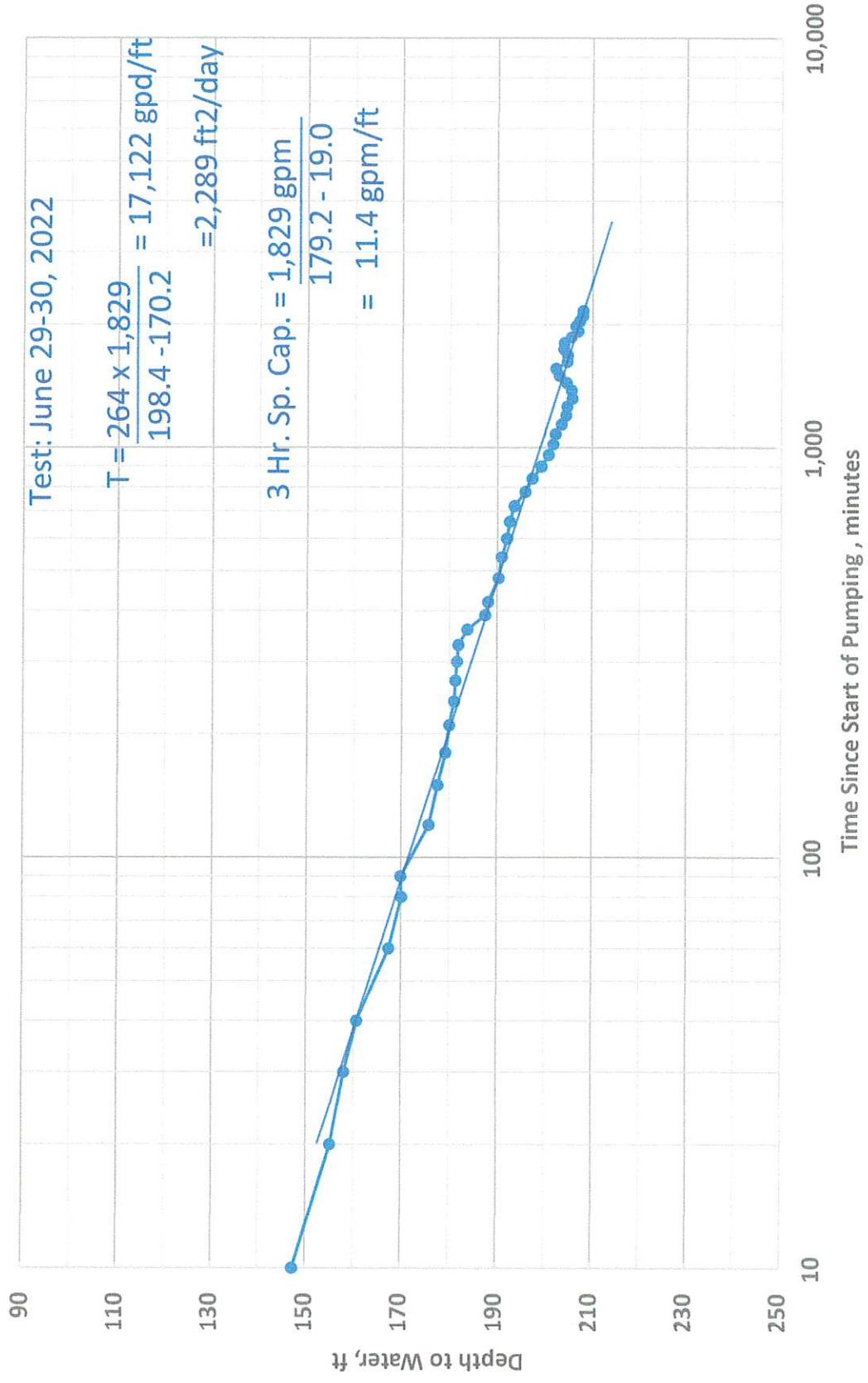
	11 hrs 20 min	1829	192.8	10.52	173.80	0.00mg/l
	11 hrs 30 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 40 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 50 min	1829	193.40	10.49	174.40	0.00mg/l
	12 hours	1829	193.55	10.48	174.55	0.00mg/l
	12 hrs 15 min	1829	193.80	10.46	174.80	0.00mg/l
	12 hrs 30 min	1829	194.70	10.41	175.70	0.00mg/l
	12 hrs 45 min	1829	195.45	10.37	176.45	0.00mg/l
	13 hours	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 15 min	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 30 min	1829	196.70	10.29	177.70	0.00mg/l
	13 hrs 45 min	1829	196.95	10.28	177.95	0.00mg/l
	14 hours	1829	197.35	10.26	178.35	0.00mg/l
	14 hrs 15 min	1829	197.90	10.22	178.90	0.00mg/l
	14 hrs 30 min	1829	198.35	10.20	179.35	0.00mg/l
	14 hrs 45 min	1829	198.70	10.18	179.70	0.00mg/l
6/30/22 12:00 AM	15 hours	1829	199.25	10.15	180.25	0.00mg/l
	15 hrs 15 min	1829	199.40	10.14	180.40	0.00mg/l
	15 hrs 30 min	1829	199.90	10.11	180.90	0.00mg/l
	15 hrs 45 min	1829	200.10	10.10	181.10	0.00mg/l
	16 hours	1829	200.75	10.06	181.75	0.00mg/l
	16 hrs 15 min	1829	200.85	10.06	181.85	0.00mg/l
	16 hrs 30 min	1829	201.20	10.04	182.20	0.00mg/l
	16 hrs 45 min	1829	201.20	10.04	182.20	0.00mg/l
	17 hours	1829	201.70	10.01	182.70	0.00mg/l
	17 hrs 15 min	1829	201.90	10.00	182.90	0.00mg/l
	17 hrs 30 min	1829	202.00	9.99	183.00	0.00mg/l
	17 hrs 45 min	1829	202.20	9.98	183.20	0.00mg/l
	18 hours	1829	202.20	9.98	183.20	0.00mg/l
	18 hrs 15 min	1829	202.60	9.96	183.60	0.00mg/l
	18 hrs 30 min	1829	202.90	9.95	183.90	0.00mg/l
	18 hrs 45 min	1829	203.40	9.92	184.40	0.00mg/l
	19 hours	1829	203.50	9.91	184.50	0.00mg/l
	19 hrs 15 min	1829	203.75	9.90	184.75	0.00mg/l
	19 hrs 30 min	1829	203.90	9.89	184.90	0.00mg/l
	19 hrs 45 min	1829	204.20	9.88	185.20	0.00mg/l
6/30/22 5:00 AM	20 hours	1829	204.45	9.86	185.45	0.00mg/l
	20 hrs 15 min	1829	204.80	9.84	185.80	0.00mg/l
	20 hrs 30 min	1829	204.60	9.85	185.60	0.00mg/l
	20 hrs 45 min	1829	204.55	9.86	185.55	0.00mg/l
	21 hours	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 15 min	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 30 min	1829	205.00	9.83	186.00	0.00mg/l
	21 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hours	1829	205.80	9.79	186.80	0.00mg/l
	22 hrs 15 min	1829	206.00	9.78	187.00	0.00mg/l
	22 hrs 30 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	23 hours	1829	205.65	9.80	186.65	0.00mg/l
	23 hrs 15 min	1829	204.90	9.84	185.90	0.00mg/l
	23 hrs 30 min	1829	204.55	9.86	185.55	0.00mg/l
	23 hrs 45 min	1829	204.50	9.86	185.50	0.00mg/l
6/30/22 9:00 AM	24 hours	1829	204.55	9.86	185.55	0.00mg/l
	24 hrs 30 min	1829	203.30	9.92	184.30	0.00mg/l
	25 hours	1829	203.00	9.94	184.00	0.00mg/l
	25 hrs 30 min	1829	202.35	9.98	183.35	0.00mg/l
	26 hours	1829	202.30	9.98	183.30	0.00mg/l
	26 hrs 30 min	1829	203.70	9.90	184.70	0.00mg/l
	27 hours	1829	204.75	9.85	185.75	0.00mg/l

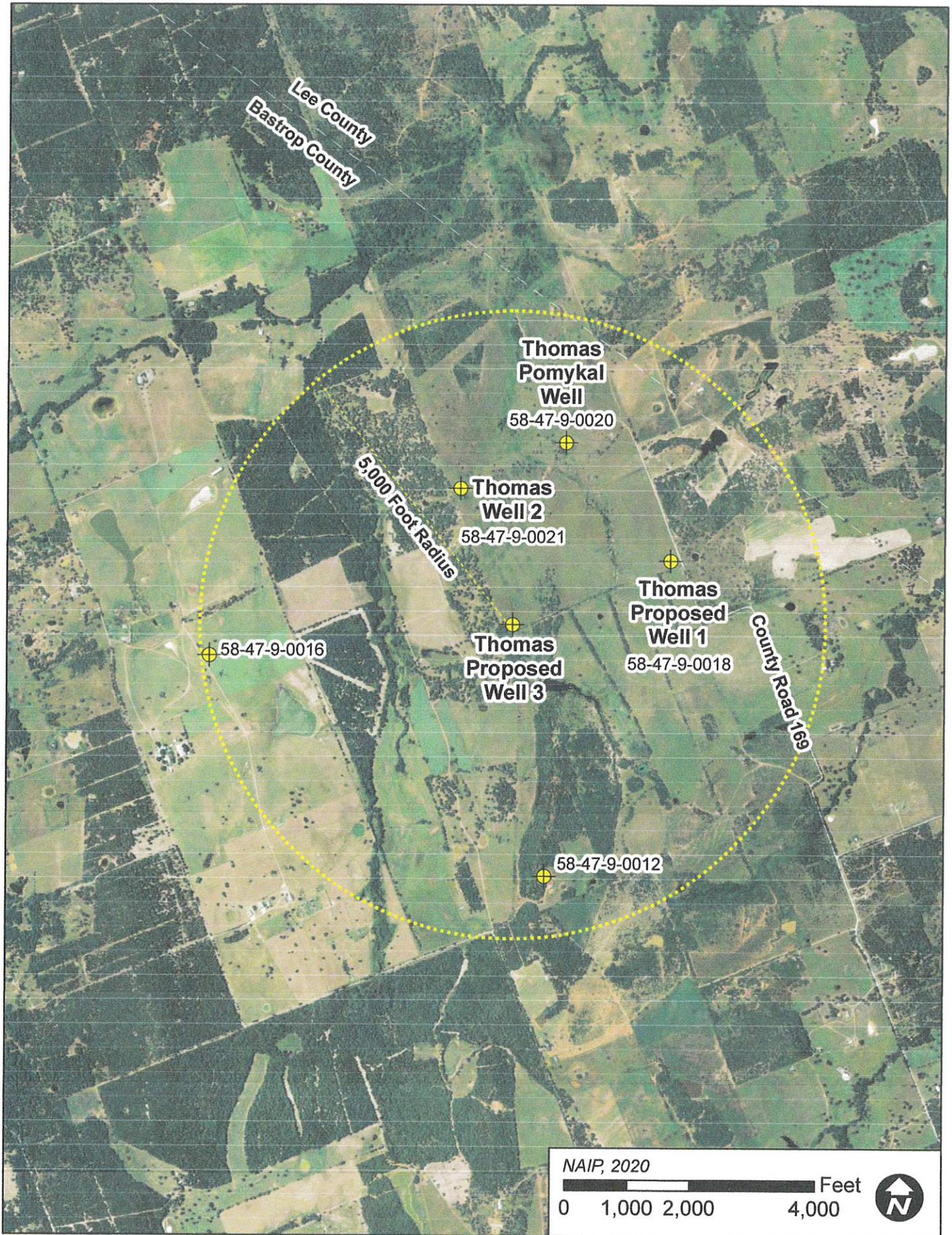
	27 hrs 30 min	1829	204.90	9.84	185.90	0.00mg/l
	28 hours	1829	204.85	9.84	185.85	0.00mg/l
	28 hrs 30 min	1829	204.30	9.87	185.30	0.00mg/l
	29 hours	1829	204.00	9.89	185.00	0.00mg/l
	29 hrs 30 min	1829	203.95	9.89	184.95	0.00mg/l
6/30/22 3:00 PM	30 hours	1829	204.10	9.88	185.10	0.00mg/l
	30 hrs 30 min	1829	205.30	9.82	186.30	0.00mg/l
	31 hours	1829	205.60	9.80	186.60	0.00mg/l
	31 hrs 30 min	1829	203.60	9.91	184.60	0.00mg/l
	32 hours	1829	207.00	9.73	188.00	0.00mg/l
	32 hrs 30 min	1829	206.50	9.75	187.50	0.00mg/l
	33 hours	1829	206.50	9.75	187.50	0.00mg/l
	33 hrs 30 min	1829	207.15	9.72	188.15	0.00mg/l
	34 hours	1829	207.35	9.71	188.35	0.00mg/l
	34 hrs 30 min	1829	207.70	9.69	188.70	0.00mg/l
	35 hours	1829	207.95	9.68	188.95	0.00mg/l
	35 hrs 30 min	1829	208.00	9.68	189.00	0.00mg/l
6/30/22 9:00 PM	36 hours	1829	208.05	9.67	189.05	0.00mg/l

36 Hour Pump Test Recovery

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
Start Time: 1:00 a.m.				
	2 min	OFF	91.80	
	4 min	OFF	84.55	
	6 min	OFF	80.35	
	8 min	OFF	77.70	
	10 min	OFF	75.70	
	12 min	OFF	74.10	
	14 min	OFF	72.65	
	16 min	OFF	71.30	
	18 min	OFF	70.30	
	20 min	OFF	69.25	
	25 min	OFF	67.25	
	30 min	OFF	65.55	
	35 min	OFF	63.95	
	40 min	OFF	62.80	
	45 min	OFF	61.65	
	50 min	OFF	60.70	
	55 min	OFF	59.85	
	1 hour	OFF	59.10	
	1 hr 10 min	OFF	57.65	
	1 hr 20 min	OFF	56.40	
	1 hr 30 min	OFF	55.35	
	1 hr 40 min	OFF	54.35	
	1 hr 50 min	OFF	53.45	
	2 hour	OFF	52.75	
	2 hr 10 min	OFF	51.95	
	2 hr 20 min	OFF	51.30	
	2 hr 30 min	OFF	50.70	
	2 hr 40 min	OFF	50.10	
	2 hr 50 min	OFF	49.60	
	3 hour	OFF	49.05	
	3 hr 10 min	OFF	48.55	
	3 hr 20 min	OFF	48.05	
	3 hr 30 min	OFF	47.60	
	3 hr 40 min	OFF	47.15	
	3 hr 50 min	OFF	46.75	
	4 hour	OFF	46.35	

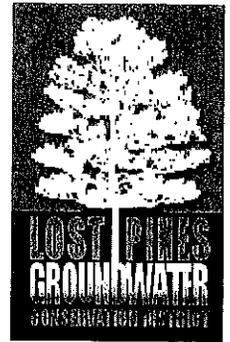
36 Hour Pumping Test Plot for Thomas Well 2
 Screened Interval: 232-510 feet





Proposed Well 3 Location Map

FORM 200
Operating/Transport Permit Application



For District Use Only:

<u>10/26/2022</u> Application Date
<u>58 47 9 0020</u> Temporary Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Pomykal Well

Name	<u>Mr. Emory Thomas</u>				
Company (if applicable)	<u>Thomas Turfgrass</u>				
Street (or PO Box)	<u>799 Old Potato Road</u>				
City	<u>Paige</u>	State	<u>Texas</u>	Zip	<u>78659</u>
Phone Number	<u>(979) 531-9975</u>				

SECTION II – WELL INFORMATION

What aquifer will the well be producing from?	<u>Carrizo Aquifer</u>
What is the known or proposed total depth of the well?	<u>571</u> feet
What is the known or proposed screened interval of the well?	<u>466-571</u> feet
What is the known or proposed capacity of the well?	<u>180</u> gpm
Is this Application for an existing well already registered with the LPGCD?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes, what is the Well Number?	<u>58-47-9-0020</u>
If No, has a Well Drilling Application (Form 100) or Well Registration Application (Form 300) been submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Being submitted presently
Well location (use GPS coordinates if known.)	<u>30.2862, -97.1307</u> <u>About 1,000 feet NW of end of CR 169</u>
County that the well is located in:	Bastrop <input checked="" type="checkbox"/> Lee <input type="checkbox"/> <u>Pomykal Well</u>

SECTION III – WITHDRAWAL AMOUNT REQUESTED

What is the total maximum withdrawal requested? 3,950 acre-feet/year aggregated amount with Wells 1, 2 and 3.

Proposed maximum rate at which water will be withdrawn: 180 gpm

Is the Applicant requesting that the withdrawal be aggregated with another well? Yes No

If Yes, list other wells: Wells 1, 2 and 3 screening the Carrizo Aquifer

SECTION IV – PROPOSED USE

What is the proposed use of water from the well?

Municipal Supply Mining Irrigation Other (describe) _____

List proposed usage of water produced from well and the amount of usage:

Use <u>Irrigation</u>	Amount used <u>3,950</u> acre-feet/year	Use <u>total</u>
_____	Amount used _____ acre-feet/year	aggregated
Use _____	Amount used _____ acre-feet/year	amount with
		Wells 1, 2 and 3

SECTION V – TRANSPORT INFORMATION

Will this well be used to export water outside of the LPGCD? Yes _____ No

If Yes, what is the maximum amount of water proposed to be exported: _____ acre-feet/year

If Yes, location of the use of the water: _____

SECTION VI – REQUIRED ATTACHMENTS

See attached responses

The following attachments are required with an Operating Permit Application:

- Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location
- Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
- Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.
- Statement describing how the amount of water requested will be dedicated to a beneficial use.
- Statement identifying the End User of the requested water or that the End User has not been identified.
- Applicant’s or End User’s Water Conservation Plan (if available)
- Applicant’s or End User’s Drought Contingency Plan (if available)
- Applicant’s or End User’s Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.
- Any other information (describe) _____

SECTION VII – DECLARATIONS

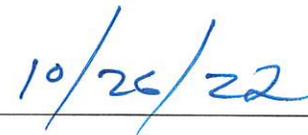
see attached responses

The Applicant agrees to the following conditions:

- I agree to avoid waste and achieve water conservation.
- I agree that reasonable diligence will be used to protect groundwater quality.
- I agree that well plugging guidelines will be followed at the time of well closure.



Signature of Applicant



Date

SECTION VI – RESPONSES

The following attachments are required with an Operating Permit Application:

_____ Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location **See attached well location map**

_____ Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)
 See attached pumping test data

_____ Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.

Water will be used to irrigate a turf grass crop to supply to public and private sectors.

_____ Statement describing how the amount of water requested will be dedicated to a beneficial use.

Water will be used to grow natural sod which cuts down on ground heating and provides protective cover on the projects it is utilized.

_____ Statement identifying the End User of the requested water or that the End User has not been identified.

Thomas Turfgrass is the end user.

_____ Applicant's or End User's Water Conservation Plan (if available)

A plan is not available, but will use the water as efficiently as possible.

_____ Applicant's or End User's Drought Contingency Plan (if available)

No drought contingency plan available.

_____ Applicant's or End User's Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.

We will close the well according to guidelines of the TCEQ and report closure to the TCEQ.

_____ Any other information (describe) _____

SECTION VIII – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.



Signature of Applicant

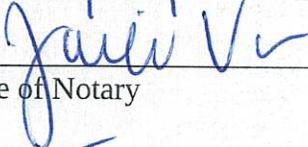
10/26/22
Date

THE STATE OF TEXAS

COUNTY OF Bastrop

I certify that the following person (s) personally appeared before me on this day, each acknowledging to me that he or she signed this Operating/Transport Permit Application.

Date: 10/26/22



Signature of Notary

Jaclyn Vara

Printed Name of Notary

My commission expires: 5/22/2023

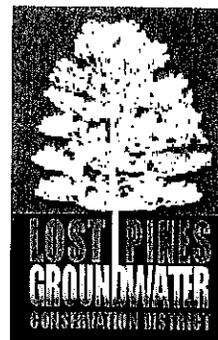


(seal)

Can be notarized by any Notary of your choice or at the LPGCD Office.

FORM 300

Well Registration Application



For District Use Only:

Application Date
Well Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Pomykal Well

Name	Mr. Emory Thomas				
Company (if applicable)	Thomas Turfgrass				
Street (or PO Box)	799 Old Potato Road				
City	Paige	State	Texas	Zip	78659
Phone Number	(979) 531-9975				

SECTION II – EXEMPTION

Is the Applicant Requesting an Exemption Under Lost Pines Groundwater Conservation District Rule 3.1?

Yes ___ No x

TYPE OF EXEMPTION CLAIMED:

- A well that is solely for domestic or livestock use that is incapable of producing more than 25,000 gallons per day (gpd).
- A well that uses less than 200 acre-feet/year solely for agricultural use.
- A well that is used solely to supply water for a rig that is actively engaged in drilling or exploration operations for an oil or gas well permitted by the Railroad Commission of Texas.
- A water well authorized under a permit issued by the Railroad Commission of Texas for mining activities.
- A water well drilled and completed solely for the purposes of aquifer testing.

SECTION III – WELL INFORMATION

Location of the well: Latitude 30.2862 Longitude -97.1307 Pomykal Well

Physical description of the well location (if GPS coordinates are not available):

Well is located about 1,000 feet northwest of the end of County Road 169

County that the well is located in: Bastrop x Lee _____

What is the type of well (circle one)?

Domestic Livestock Irrigation Municipal Supply Mining Rig Supply Test Other _____

What aquifer is water produced from (if known): Carrizo Aquifer

Please attach copies of the following Schedules or Logs, if available:

State Well Report: x Electric Log: _____ Aquifer Test Results: _____

Date Well Drilled: 1990 Driller: Pomykal Drilling Company Driller's License No: 1926

Land surface elevation: 497 feet

Total Well Depth: 571 feet

Screened Interval: 466 to 571 feet

Depth to Water: 35 feet est

Well Diameter: 6 inches

Diameter of borehole: 10 inches and 16 inches

Pump set at: _____ feet

Pump type: submersible

Pump size: 35 horsepower

Well Capacity: 180 gpm

NOTE: A fully completed state well report can be submitted in lieu of the above information.

SECTION IV – AFFIRMATION

I certify that all statements and information in this application are true and correct.



Signature of Applicant

10/26/22

Date

Thomas Turfgrass Pomykal Well

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711																																																																		
1) OWNER <u>John Duffield</u> (Name) ADDRESS <u>4318 Stillbrooke Dr. Houston, Tx 77035</u> (Street or RFD) (City) (State) (Zip)																																																																						
2) LOCATION OF WELL: County <u>Bastrop</u> miles in _____ direction from _____ (NE, SW, etc.) (Town)																																																																						
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.																																																																						
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____																																																																						
<input checked="" type="checkbox"/> SEE ATTACHED MAP																																																																						
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____																																																																		
6) WELL LOG: Date Drilling: _____ Started <u>9-26</u> 19 <u>90</u> Completed <u>11-7</u> 19 <u>90</u>		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">DIAMETER OF HOLE</th> </tr> <tr> <th style="width: 20%;">Dia. (In.)</th> <th style="width: 20%;">From (ft.)</th> <th style="width: 60%;">To (ft.)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Surface</td> <td>466</td> </tr> <tr> <td>16 1/4</td> <td>466</td> <td>573</td> </tr> </tbody> </table>		DIAMETER OF HOLE			Dia. (In.)	From (ft.)	To (ft.)	10	Surface	466	16 1/4	466	573	7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input checked="" type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give Interval ... from <u>466</u> ft. to <u>573</u> ft.																																																						
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13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowis, cylinder, jet, etc., <u>210</u> ft.		9) CEMENTING DATA [Rule 287.44(1)] Cemented from <u>0</u> ft. to <u>466</u> ft. No. of Sacks Used <u>66</u> _____ ft. to _____ ft. No. of Sacks Used _____ Method used <u>Pressure pumped</u> Cemented by <u>Pomykal Drilling Co., Inc.</u>																																																																				
14) WELL TESTS: Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>200</u> gpm with _____ ft. drawdown after _____ hrs.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 287.44(3)(A)] <input type="checkbox"/> Pileless Adapter Used [Rule 287.44(3)(B)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]																																																																				
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		11) WATER LEVEL: Static level <u>40</u> ft. below land surface Date <u>11-7-90</u> Artesian flow _____ gpm. Date _____																																																																				
12) PACKERS: Type Depth																																																																						
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete Items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																																																																						
COMPANY NAME <u>Pomykal Drilling Co., Inc.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>1926</u>																																																																				
ADDRESS <u>P O Box 672</u> (Street or RFD)		<u>Brenham, Texas 77834</u> (City) (State) (Zip)																																																																				
(Signed) <u>[Signature]</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																																																				
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																																						
For TWC use or Well No. <u>58-47-9</u> Located on map _____																																																																						

RECEIVED
JAN 16 1991
TEXAS WATER COMMISSION

X



J & S WATER WELLS

P.O Box 675 Bellville, TX 77418
800-833-5538

36 Hour Pump Test and Recovery

Well Name: Thomas Turfgrass
Six Sprigs, Water Well #2

Date: 6/29/2022

Time Started: 9 a.m.

Static Level: 19.00 Ft.

Set Depth: 320'

Pump Column: 10"

Orifice Size: 12" x 10"

Lat: 30.2843
Long: -97.13614

1 Hour Monitoring for Pump Test

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
7:00 a.m.				
6/29/22 7:00 AM	15 min.	OFF	18.80	N/A
	30 min.	OFF	19.00	N/A
	45 min.	OFF	18.95	N/A
6/29/22 8:00 AM	1 hr.	OFF	19.05	N/A
	1 Hr. 15 Min	OFF	18.80	N/A
	1 Hr 30 Min	OFF	19.00	N/A
	1 Hr 45 Min	OFF	18.75	N/A
	2 Hr.	OFF	19.00	N/A

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	SPECIFIC CAPACITY	DRAW DOWN	SAND CONTENT
Start Time: 9:00 AM						
	2 min	1829	104.40	21.42	85.40	0.00mg/l
	4 min	1829	122.35	17.70	103.35	0.00mg/l
	6 min	1829	145.20	14.49	126.20	0.00mg/l
	8 min	1829	146.80	14.31	127.80	0.00mg/l
	10 min	1829	147.30	14.26	128.30	0.00mg/l
	12 min	1829	149.95	13.97	130.95	0.00mg/l
	14 min	1829	152.60	13.69	133.60	0.00mg/l
	16 min	1829	153.95	13.55	134.95	0.00mg/l
	18 min	1829	154.00	13.55	135.00	0.00mg/l
	20 min	1829	155.05	13.44	136.05	0.00mg/l
	25 min	1829	156.75	13.28	137.75	0.00mg/l
	30 min	1829	158.00	13.16	139.00	0.00mg/l
	35 min	1829	159.65	13.00	140.65	0.00mg/l
	40 min	1829	160.70	12.91	141.70	0.00mg/l
	45 min	1829	161.00	12.88	142.00	0.00mg/l
	50 min	1829	164.20	12.60	145.20	0.00mg/l
	55 min	1829	166.50	12.40	147.50	0.00mg/l
6/29/22 10:00 AM	1 hour	1829	167.40	12.32	148.40	0.00mg/l
	1 hour 10 min	1829	168.90	12.20	149.90	0.00mg/l
	1 hour 20 min	1829	170.10	12.10	151.10	0.00mg/l

	1 hour 30 min	1829	169.90	12.12	150.90	0.00mg/l
	1 hour 40 min	1829	174.00	11.80	155.00	0.00mg/l
	1 hour 50 min	1829	174.40	11.77	155.40	0.00mg/l
	2 hours	1829	175.80	11.66	156.80	0.00mg/l
	2 hrs 10 min	1829	176.40	11.62	157.40	0.00mg/l
	2 hrs 20 min	1829	177.10	11.57	158.10	0.00mg/l
	2 hrs 30 min	1829	177.60	11.53	158.60	0.00mg/l
	2 hrs 40 min	1829	178.10	11.50	159.10	0.00mg/l
	2 hrs 50 min	1829	178.50	11.47	159.50	0.00mg/l
	3 hours	1829	179.20	11.42	160.20	0.00mg/l
	3 hrs 10 min	1829	179.30	11.41	160.30	0.00mg/l
	3 hrs 20 min	1829	179.80	11.37	160.80	0.00mg/l
	3 hrs 30 min	1829	180.00	11.36	161.00	0.00mg/l
	3 hrs 40 min	1829	180.50	11.33	161.50	0.00mg/l
	3 hrs 50 min	1829	180.50	11.33	161.50	0.00mg/l
	4 hours	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 10 min	1829	181.00	11.29	162.00	0.00mg/l
	4 hrs 20 min	1829	181.20	11.28	162.20	0.00mg/l
	4 hrs 30 min	1829	181.30	11.27	162.30	0.00mg/l
	4 hrs 40 min	1829	181.40	11.26	162.40	0.00mg/l
	4 hrs 50 min	1829	181.50	11.26	162.50	0.00mg/l
6/29/22 2:00 PM	5 hours	1829	181.60	11.25	162.60	0.00mg/l
	5 hrs 10 min	1829	181.70	11.24	162.70	0.00mg/l
	5 hrs 20 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 30 min	1829	181.90	11.23	162.90	0.00mg/l
	5 hrs 40 min	1829	182.00	11.22	163.00	0.00mg/l
	5 hrs 50 min	1829	182.70	11.17	163.70	0.00mg/l
	6 hours	1829	183.80	11.10	164.80	0.00mg/l
	6 hrs 10 min	1829	186.70	10.91	167.70	0.00mg/l
	6 hrs 20 min	1829	187.30	10.87	168.30	0.00mg/l
	6 hrs 30 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 40 min	1829	187.50	10.85	168.50	0.00mg/l
	6 hrs 50 min	1829	187.65	10.84	168.65	0.00mg/l
	7 hours	1829	188.10	10.82	169.10	0.00mg/l
	7 hrs 10 min	1829	189.00	10.76	170.00	0.00mg/l
	7 hrs 20 min	1829	189.10	10.75	170.10	0.00mg/l
	7 hrs 30 min	1829	189.15	10.75	170.15	0.00mg/l
	7 hrs 40 min	1829	189.70	10.71	170.70	0.00mg/l
	7 hrs 50 min	1829	190.00	10.70	171.00	0.00mg/l
	8 hours	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 10 min	1829	189.80	10.71	170.80	0.00mg/l
	8 hrs 20 min	1829	189.75	10.71	170.75	0.00mg/l
	8 hrs 30 min	1829	190.20	10.68	171.20	0.00mg/l
	8 hrs 40 min	1829	190.30	10.68	171.30	0.00mg/l
	8 hrs 50 min	1829	190.35	10.67	171.35	0.00mg/l
	9 hours	1829	190.95	10.64	171.95	0.00mg/l
	9 hrs 10 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 20 min	1829	190.85	10.64	171.85	0.00mg/l
	9 hrs 30 min	1829	191.15	10.62	172.15	0.00mg/l
	9 hrs 40 min	1829	191.25	10.62	172.25	0.00mg/l
	9 hrs 50 min	1829	191.55	10.60	172.55	0.00mg/l
6/29/22 7:00 PM	10 hours	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 10 min	1829	191.90	10.58	172.90	0.00mg/l
	10 hrs 20 min	1829	192.00	10.57	173.00	0.00mg/l
	10 hrs 30 min	1829	192.15	10.56	173.15	0.00mg/l
	10 hrs 40 min	1829	192.35	10.55	173.35	0.00mg/l
	10 hrs 50 min	1829	192.70	10.53	173.70	0.00mg/l
	11 hours	1829	192.60	10.54	173.60	0.00mg/l
	11 hrs 10 min	1829	192.80	10.52	173.80	0.00mg/l

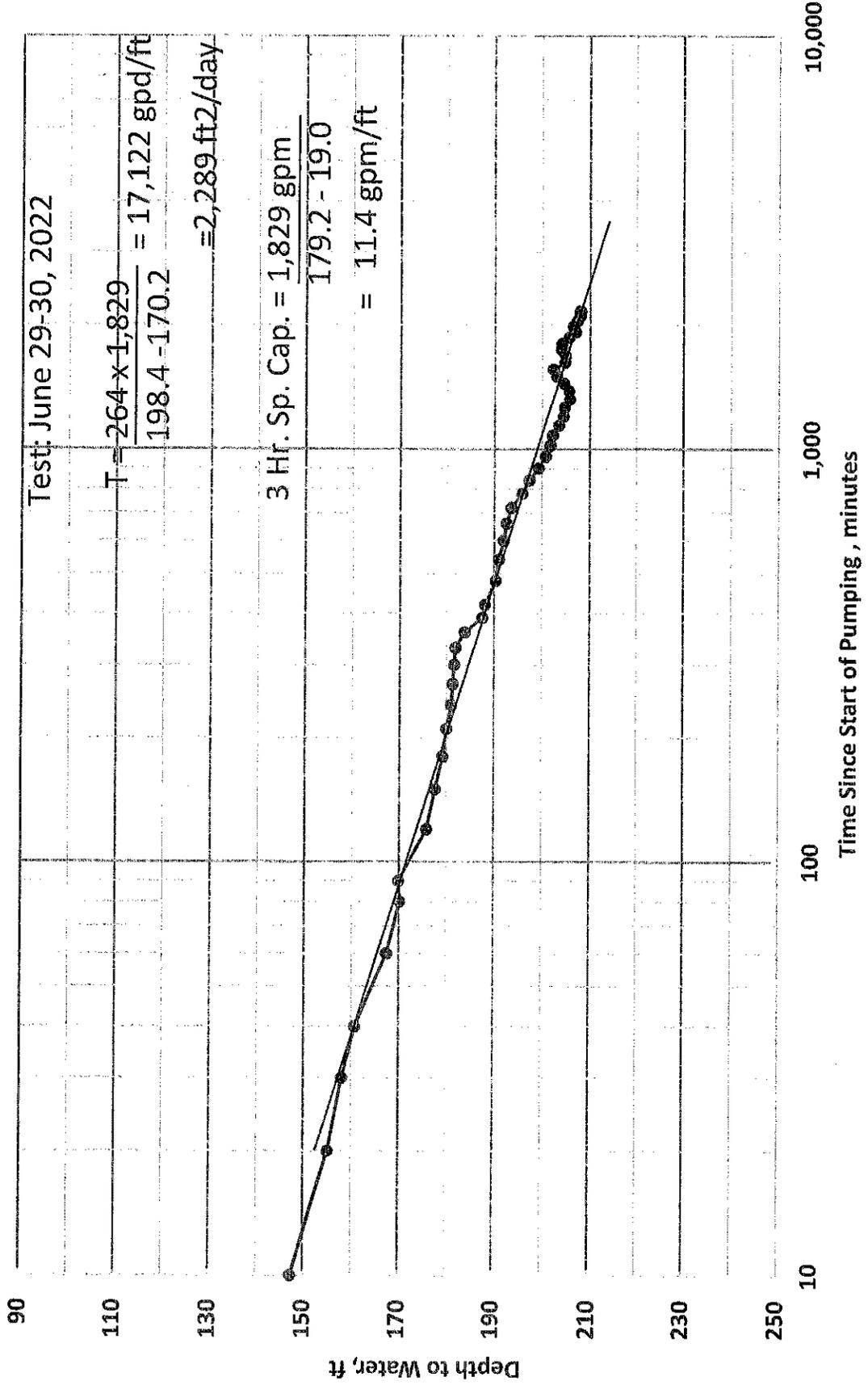
	11 hrs 20 min	1829	192.8	10.52	173.80	0.00mg/l
	11 hrs 30 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 40 min	1829	193.15	10.50	174.15	0.00mg/l
	11 hrs 50 min	1829	193.40	10.49	174.40	0.00mg/l
	12 hours	1829	193.55	10.48	174.55	0.00mg/l
	12 hrs 15 min	1829	193.80	10.46	174.80	0.00mg/l
	12 hrs 30 min	1829	194.70	10.41	175.70	0.00mg/l
	12 hrs 45 min	1829	195.45	10.37	176.45	0.00mg/l
	13 hours	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 15 min	1829	195.85	10.34	176.85	0.00mg/l
	13 hrs 30 min	1829	196.70	10.29	177.70	0.00mg/l
	13 hrs 45 min	1829	196.95	10.28	177.95	0.00mg/l
	14 hours	1829	197.35	10.26	178.35	0.00mg/l
	14 hrs 15 min	1829	197.90	10.22	178.90	0.00mg/l
	14 hrs 30 min	1829	198.35	10.20	179.35	0.00mg/l
	14 hrs 45 min	1829	198.70	10.18	179.70	0.00mg/l
6/30/22 12:00 AM	15 hours	1829	199.25	10.15	180.25	0.00mg/l
	15 hrs 15 min	1829	199.40	10.14	180.40	0.00mg/l
	15 hrs 30 min	1829	199.90	10.11	180.90	0.00mg/l
	15 hrs 45 min	1829	200.10	10.10	181.10	0.00mg/l
	16 hours	1829	200.75	10.06	181.75	0.00mg/l
	16 hrs 15 min	1829	200.85	10.06	181.85	0.00mg/l
	16 hrs 30 min	1829	201.20	10.04	182.20	0.00mg/l
	16 hrs 45 min	1829	201.20	10.04	182.20	0.00mg/l
	17 hours	1829	201.70	10.01	182.70	0.00mg/l
	17 hrs 15 min	1829	201.90	10.00	182.90	0.00mg/l
	17 hrs 30 min	1829	202.00	9.99	183.00	0.00mg/l
	17 hrs 45 min	1829	202.20	9.98	183.20	0.00mg/l
	18 hours	1829	202.20	9.98	183.20	0.00mg/l
	18 hrs 15 min	1829	202.60	9.96	183.60	0.00mg/l
	18 hrs 30 min	1829	202.90	9.95	183.90	0.00mg/l
	18 hrs 45 min	1829	203.40	9.92	184.40	0.00mg/l
	19 hours	1829	203.50	9.91	184.50	0.00mg/l
	19 hrs 15 min	1829	203.75	9.90	184.75	0.00mg/l
	19 hrs 30 min	1829	203.90	9.89	184.90	0.00mg/l
	19 hrs 45 min	1829	204.20	9.88	185.20	0.00mg/l
6/30/22 5:00 AM	20 hours	1829	204.45	9.86	185.45	0.00mg/l
	20 hrs 15 min	1829	204.80	9.84	185.80	0.00mg/l
	20 hrs 30 min	1829	204.60	9.85	185.60	0.00mg/l
	20 hrs 45 min	1829	204.55	9.86	185.55	0.00mg/l
	21 hours	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 15 min	1829	204.70	9.85	185.70	0.00mg/l
	21 hrs 30 min	1829	205.00	9.83	186.00	0.00mg/l
	21 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hours	1829	205.80	9.79	186.80	0.00mg/l
	22 hrs 15 min	1829	206.00	9.78	187.00	0.00mg/l
	22 hrs 30 min	1829	205.20	9.82	186.20	0.00mg/l
	22 hrs 45 min	1829	205.20	9.82	186.20	0.00mg/l
	23 hours	1829	205.65	9.80	186.65	0.00mg/l
	23 hrs 15 min	1829	204.90	9.84	185.90	0.00mg/l
	23 hrs 30 min	1829	204.55	9.86	185.55	0.00mg/l
	23 hrs 45 min	1829	204.50	9.86	185.50	0.00mg/l
6/30/22 9:00 AM	24 hours	1829	204.55	9.86	185.55	0.00mg/l
	24 hrs 30 min	1829	203.30	9.92	184.30	0.00mg/l
	25 hours	1829	203.00	9.94	184.00	0.00mg/l
	25 hrs 30 min	1829	202.35	9.98	183.35	0.00mg/l
	26 hours	1829	202.30	9.98	183.30	0.00mg/l
	26 hrs 30 min	1829	203.70	9.90	184.70	0.00mg/l
	27 hours	1829	204.75	9.85	185.75	0.00mg/l

	27 hrs 30 min	1829	204.90	9.84	185.90	0.00mg/l
	28 hours	1829	204.85	9.84	185.85	0.00mg/l
	28 hrs 30 min	1829	204.30	9.87	185.30	0.00mg/l
	29 hours	1829	204.00	9.89	185.00	0.00mg/l
	29 hrs 30 min	1829	203.95	9.89	184.95	0.00mg/l
6/30/22 3:00 PM	30 hours	1829	204.10	9.88	185.10	0.00mg/l
	30 hrs 30 min	1829	205.30	9.82	186.30	0.00mg/l
	31 hours	1829	205.60	9.80	186.60	0.00mg/l
	31 hrs 30 min	1829	203.60	9.91	184.60	0.00mg/l
	32 hours	1829	207.00	9.73	188.00	0.00mg/l
	32 hrs 30 min	1829	206.50	9.75	187.50	0.00mg/l
	33 hours	1829	206.50	9.75	187.50	0.00mg/l
	33 hrs 30 min	1829	207.15	9.72	188.15	0.00mg/l
	34 hours	1829	207.35	9.71	188.35	0.00mg/l
	34 hrs 30 min	1829	207.70	9.69	188.70	0.00mg/l
	35 hours	1829	207.95	9.68	188.95	0.00mg/l
	35 hrs 30 min	1829	208.00	9.68	189.00	0.00mg/l
6/30/22 9:00 PM	36 hours	1829	208.05	9.67	189.05	0.00mg/l

36 Hour Pump Test Recovery

TIME	HOUR	VOLUME GPM	WATER LEVEL - FT	Comments
Start Time: 1:00 a.m.				
	2 min	OFF	91.80	
	4 min	OFF	84.55	
	6 min	OFF	80.35	
	8 min	OFF	77.70	
	10 min	OFF	75.70	
	12 min	OFF	74.10	
	14 min	OFF	72.65	
	16 min	OFF	71.30	
	18 min	OFF	70.30	
	20 min	OFF	69.25	
	25 min	OFF	67.25	
	30 min	OFF	65.55	
	35 min	OFF	63.95	
	40 min	OFF	62.80	
	45 min	OFF	61.65	
	50 min	OFF	60.70	
	55 min	OFF	59.85	
	1 hour	OFF	59.10	
	1 hr 10 min	OFF	57.65	
	1 hr 20 min	OFF	56.40	
	1 hr 30 min	OFF	55.35	
	1 hr 40 min	OFF	54.35	
	1 hr 50 min	OFF	53.45	
	2 hour	OFF	52.75	
	2 hr 10 min	OFF	51.95	
	2 hr 20 min	OFF	51.30	
	2 hr 30 min	OFF	50.70	
	2 hr 40 min	OFF	50.10	
	2 hr 50 min	OFF	49.60	
	3 hour	OFF	49.05	
	3 hr 10 min	OFF	48.55	
	3 hr 20 min	OFF	48.05	
	3 hr 30 min	OFF	47.60	
	3 hr 40 min	OFF	47.15	
	3 hr 50 min	OFF	46.75	
	4 hour	OFF	46.35	

36 Hour Pumping Test Plot for Thomas Well 2
 Screened Interval: 232-510 feet





Existing Pomykal Well Location Map