

STATE OF TEXAS WELL REPORT for Tracking #439830

Owner:	Blue Pine Holdings LLC	Owner Well #:	one
Address:	One Federal Place 1819 5th Ave N Birmingham , AL 35203	Grid #:	68-14-8
Well Location:	10901 TX 46 New Braunfels, TX HWY 3009/ TX 46	Latitude:	29° 46' 12.07" N
		Longitude:	098° 18' 43.91" W
Well County:	Comal	Elevation:	1143 ft. above sea level
Type of Work:	New Well	Proposed Use:	Irrigation

Drilling Start Date: **11/23/2016** Drilling End Date: **1/2/2017**

Borehole:	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
	16	0	143
	9.875	143	983

Drilling Method: **Air Rotary**

Borehole Completion: **Open Hole**

Annular Seal Data:	Top Depth (ft.)	Bottom Depth (ft.)	Description (number of sacks & material)
	0	270	Cement 81 Bags/Sacks

Seal Method: **Tremie**

Sealed By: **Driller**

Distance to Property Line (ft.): **+150**

Distance to Septic Field or other
concentrated contamination (ft.): **+150**

Distance to Septic Tank (ft.): **+150**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Surface Completion by Driller

Water Level: **No Data**

Packers: **Rubber at 270 ft.
Rubber at 275 ft.**

Type of Pump: **No Data**

Well Tests: **Estimated Yield: 150 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
843 - 943	Trinity

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: **C&C Groundwater Services LLC**
29143 Old Fredericksburg Rd
Boerne, TX 78015

Driller Name: **Richard Kyle Courtney**License Number: **2546**

Comments: **10" surface casing has been set and cemented through cavernous voids in Edwards formation. Primary casing has not been cemented yet as the hole is currently a test hole that will be completed and cemented in the very near future (6 months or so). We may determine to lower the casing after further testing to insure that the pump setting depth protects the pump. We will cement the annular space at that time.**

Report Amended on 10/10/2017 by Request #23328

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

Top (ft.)	Bottom (ft.)	Description
0	23	Limestone / tan clay
23	43	Dark Reddish Clay Tan Limestone
43	63	Limestone/Clay
63	143	Lost Cuttings
143	163	Gray Shell
163	183	Hard Gray Shell speckled with black
183	203	Gray shell / Gray Soft Shell w Clay
203	223	Gray Shell with pockets of Clay
223	243	Soft Shell
243	263	Slate Shell w/ Dark Gray pours shell
263	283	Slate Shell/Tan Limestone
283	303	Off white tan rock
303	323	Tan and gray shell

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
10	Blank	New Steel		0	104
6	Blank	New Steel		0	632

323	343	Dark Tan w gray shell/tan limestone
343	383	Hard Tan Limestone
383	403	Tan Limestone w gray shell
403	560	Hard Gray Shell
560	563	Limestone
563	583	Tan/slate limestone
583	603	Gray shell
603	623	Limestone
623	643	Tan limestone
643	663	Tan and Gray shell
663	703	Sandy limestone mix
703	743	Limestone/Sandy Limestone
743	763	Hard Gray Porous Rock
763	783	Tan and Gray sandy rock
783	823	Dark Gray /slate porous rock
823	843	Dark Gray shell w white rock
843	863	Tan rock
863	883	Tan sandy mix/dark tan sandy mix
883	903	Dark Gay Shell
903	950	Light and Dark Gray Shell
950	983	Blue/Green Clay

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
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