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Well Basic Details

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State Well Number	1938701
County	Denton
River Basin	Trinity
Groundwater Management Area	8
Regional Water Planning Area	C - Region C
Groundwater Conservation District	North Texas GCD
Latitude (decimal degrees)	33.3961611
Latitude (degrees minutes seconds)	33° 23' 46.18" N
Longitude (decimal degrees)	-97.3743611
Longitude (degrees minutes seconds)	097° 22' 27.7" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	
Aquifer	Unassigned
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	909
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	820
Well Depth Source	Driller's Log
Drilling Start Date	10/12/2005
Drilling End Date	10/17/2005
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Filter Packed

Well Type	Withdrawal of Water
Well Use	Rig Supply
Water Level Observation	GCD Current Observation Well
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	660
Power Type	
Annular Seal Method	Gravity
Surface Completion	Alternative Procedure Used
Owner	Carla Payne
Driller	Anderson Water Well Service, LTD.
Other Data Available	Drillers Log
Well Report Tracking Number	73991
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	NT-1502
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Groundwater Conservation District
Created Date	8/26/2021
Last Update Date	9/24/2021

Remarks	
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Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank	Steel		0.188	0	660
6	Screen	Stainless Steel		0.02	660	720
6	Blank	Steel		0.188	720	740
6	Screen	Stainless Steel		0.02	740	760
6	Blank	Steel		0.188	760	780
6	Screen	Stainless Steel		0.02	780	800
6	Blank	Steel		0.188	800	820

Well Tests

Test Date	Test Type	Yield (gallons per minute)	Drawdown (ft.)	Test Hours
10/20/2005	Pump	450	40	2

Lithology

Top Depth (ft.)	Bottom Depth (ft.)	Description
0	20	topsoil
20	160	gray shale/lime
160	260	sandy shale
260	300	sand
300	340	sandy shale
340	420	sand
420	620	gray shale
620	700	sand
700	740	redbed
740	760	sand
760	780	redbed
780	800	sand
800	820	redbed

Annular Seal Range

Annular Seal Material	Amount	Unit	Top Depth (ft.)	Bottom Depth (ft.)
Cement	7	Bags/Sacks	0	10
Bentonite	20	Bags/Sacks	550	660

Borehole

Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
11	0	820

Plugged Back - No Data

Filter Pack

Filter Material	Top Depth (ft.)	Bottom Depth (ft.)	Size
Gravel	600	620	16/30

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/1/2021		504		405	1	Groundwater Conservation District	Sonic/Laser Device		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

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