



# Water Well Solutions

Toll Free: (888) 769-9009

www.waterwellsolutions.com

### SUBMERSIBLE PUMP DATA

Customer Lake County Public Works  
 Well No West Oak Middle/Diamond Lake Well No. 2  
 Project No. 147890  
 Date August 19, 2019

### PITLESS ADAPTER

Make Baker  
 Size 8"  
 Depth of Discharge 6 Ft.

### SURFACE

Type Open  
 Size \_\_\_\_\_

### PUMP

MFG. Grundfos  
 Model 85S Stage 9  
 GPM 80 TDH 375'  
 Length 32"  
 Bowl Material 304 Stainless  
 Impeller 304 Stainless  
 Bowl Bearings Rubber  
 Wear Rings None  
 Serial # B12B6009-P1131985  
 Airline Mat'l Plastic  
 Length 2 @ 190 Ft.

### WELL SEAL

Type N/A  
 Size N/A

### MOTOR

Make Franklin  
 HP 10 RPM 3450  
 Phase 3 FLA 14.2  
 Voltage 460  
 Model # 2366029020  
 Serial # 14D19-28-06308A

### CABLE

Size #8-3 w/Grd.  
 Length 195 Ft.  
 Type Flat 600 Volt

### WELL DATA

Inside Diameter 8"  
 Well Depth from Grade 276 Ft.  
 Pump Setting Above Grade 12"  
 Diameter of Screen N/A  
 Screen Length N/A  
 Slot N/A  
 Gravel Pack N/A Tubular N/A  
 Size of Gravel Pack N/A

### RISER

Size Pipe 3"  
 Section Lengths 9 @ 21' & 1 @ 1'  
 Spec Coating Galvanized  
 Check Valves 168 Ft.

### PUMP TEST DATA

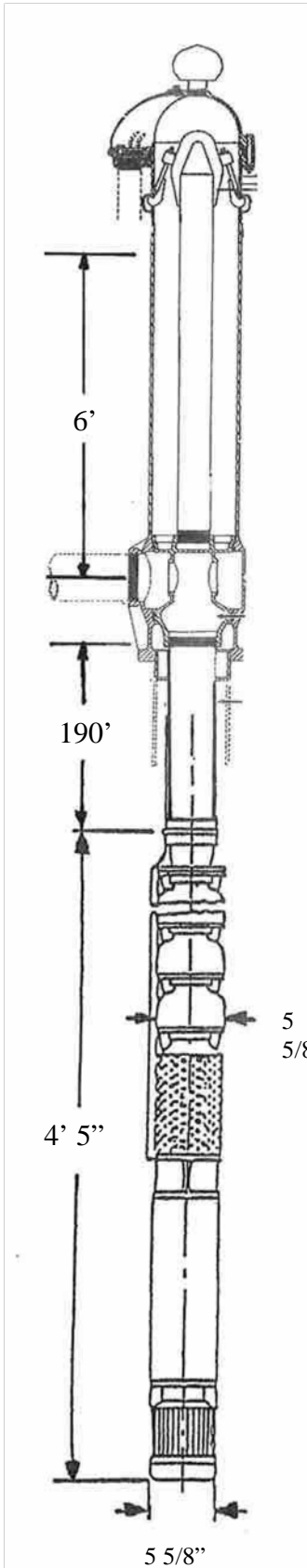
Pump Test Data Date: 8/19/2019  
 Static Level 111.7 Ft.  

Capacity (GPM)	Pumping Level
<u>80.6</u>	<u>126.5</u> Ft.
<u>52.3</u>	<u>120</u> Ft.
<u>35.4</u>	<u>116</u> Ft.

K.O. Pins: Yes  No   
 Installer Jim & Kyle

### COMMENTS

Same pumping equipment installed from 2014 rehab.  
Rehabilitated well with heavy dosage of chlorine and enhancer with surging





Toll Free: (888) 769-9009

www.waterwellsolutions.com

## PUMPING TEST DATA SHEET

Project           LCPW West Oak Middle School            
 Location           West Oak Middle/Diamond Lake            
 Diameter of Well           8   Inch            
 Depth of Well           272.7   Feet            
 Airline Length           189   Feet            
 Static Water Level           111.7   Feet            
 Type of Well           Limestone          

Date Tested           8/19/2019            
 Tested By           Jim Cleary & Kyle S            
 Motor           10 HP Franklin, 460v            
 Column Assembly           3" T&C galvanized            
 Bowls           Grundfos 85s-9stg rated 80gpm            
 Orifice           4x2            
 Discharge Head           Pitless Adaptor- Baker 8"          

Time	Meter Reading	G.P.M.	Airline Reading	Pumping Level	Drawdown	Discharge Pressure (psi)	Total Dynamic Head	Specific Capacity	Remarks
	5.5	35.4	73	116	4.3	55	243.05	0.00	Pump ran at 45.1 hz
	5.5	35.4	73	116	4.3	55	243.05	8.23	
	5.5	35.4	73	116	4.3	55	243.05	8.23	
	12	52.3	69.7	119.3	7.6	40	211.70	6.88	
	12	52.3	69	120	8.3	40	212.40	6.30	
	12	52.3	69	120	8.3	40	212.40	6.30	
	28.5	80.6	63.5	125.5	13.8	0	125.50	5.84	
	28.5	80.6	62.5	126.5	14.8	0	126.50	5.45	
	28.5	80.6	62.5	126.5	14.8	0	126.50	5.45	

**NOTE:** startup water was red for 5 mins. Turned gray then cleared up after 1 hr