

Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job City of Fort Madison Date 4-25-7	9	
City or Village Fort Madison State Iowa	e	
Well No.: 2 Drillers: Richard J. Pejsha	97	
Well Location:ft. () andft. () of the	_corner of	
Section 35 , Twp. T-68 (N), Range R-4 (W) Lee	_County.	
Otherwise located as Country Club Road - North of Water Treatment Plant	125_	
Across the road from State Prison	136	
Work Began: 2-6-79 Work Completed: 4-20-79 Well Depth: 161' All measurements made from existing ground level at time well was drilled.	Shi	
Casing Record:		
Amount Dia. Wt. or Thickness Material 111' 16" 3/8" Wall Std. Pipe with Welded joints from gr. Level to	111'	
107' 30" 1/2" Wall Std. Pipe withWelded joints from gr. Level to	107°	
Screen Record: Type_Layne-Johnson		
Amount Dia. Opening Material		
50' 16" .050 S.S. with Welded joints from 111' to	161'	
withjoints fromto_		
Type of Seal at Bottom Cement Plug		
Hole Record:		
48" inch from 0 to 161'		
inch fromto		
Gravel Pack Record:		
Amount Size Source From	То	
#2 Northern Sand & Gravel 80'	161'	
firest, 24 hrs. See Well Test Data Sheet/Dated 4-17 & 4-18-79		
Cementing Record: 0 - 50° on the outside of the 30°	iT	
op of casing to 107 and desing is coated as per specifications.	23	
Backfill Record: 50' - 80' Clay		
LW-33 SEE OTHER SIDE		

WELL LOG

Feet		Feet	Description	
0	_ to	3	Gray-Brown Clay & Bricks	
3	to	6	Blue Gray Silty Clay With Large Tree Roots	
6	_ to _	9	Coarse Sand & Gravel, Boulders & Tree Roots	
9	to	97	Hard Gray Till With Boulders	
97	to	105	Silty Gray Clay	
105	to	116	Fine Gray Sand	
116	to	125	Coarse Gray Sand & Gravel Taking Lots of Water	
125	to	136	Coarse Gray Sand & Gravel Streaks of Fine Sand	
136	to	142	Fine to Medium Gray Sand	
142		162	Medium to Very Coarse Gray Sand Thin Lenses of Fine	
	to		Sand Taking Lots of Water	
	to _		Casing Record: Amount Dia Wt. or Thickness Material V.	
	to		111' 16" 3/8" Wall Std. Pipe Will Gints from 9	
107		r. Leve	107' 30" 1/2" Wall Std. Pipe withWelded joints from 9	
	to		Screen Record: Type Layne-Johnson	
4 .			Amount Dia. Opening Material	
		- LIII	50' 16" .050 S.S. with Welded joints from	
	to _		mort sintoj with joints from	
	to		Type of Seal at Bottom Cement Flug	
	to _		Hale Record:	
	to _		48° inch from 0 to 151'	
	to _		inch from to	
-			Gravel Pack Record:	
oT to more to an analysis of 1059 com				
Well Test Data: Static Level 18'; pumping level 66' after 24 hours pumping at 1059 g.p.m.				
Length of test 24 hrs. See Well Test Data Sheet Dated 4-17 & 4-18-79 REMARKS:				
There are two 4" gravel lines between the 16" and 30" casings from				
top of casing to 107' and casing is coated as per specifications.				

SEE OTHER SIDE