



WATER · MINERAL · ENERGY

89455

WELL INFORMATION - ROCK WELLS

Layne Christensen Company

PROFESSIONAL SERVICES FOR WATER SYSTEMS

721 West Illinois Avenue • Aurora, Illinois 60506-2892 • Phone 630/897-6941
229 West Indiana Avenue • Beecher, Illinois 60401 • Phone 708/946-2244

Name Of Job Prestage Foods of Iowa Date 10/17/18

City Eagle Grove State Iowa

Well No. 2 Drillers Harold Waydell/Bob Isaacson

Well Location ft. () and ft. () of the corner of
the SE 1/4 of Section 21 ,Twp. 90 (North), Range 26 (West) Wright County

Otherwise located as NE 1/4 NW 1/4 SW 1/4

3183 Highway 17, Eagle Grove, Iowa

Work Began: April 2, 2018 Work Completed: July 13, 2018

Table with 10 columns: Casing Record Amount, Dia., Wt. or Thickness, Material, Joints from, and depth markers. Rows include casing sections from 36' to 1,508'.

Table with 5 columns: Hole Record diameter, inch from, depth, to, and bottom of hole. Rows show hole diameters from 40" to 14" and depths from 0' to 1,990'.

Cementing Record: 36" cemented using Type I Portland from 36' (192 sacks) ; 30" cemented using Type I Portland cement from 208' (297 sacks);
24" x 18" long string casing with 24"x18" concentric reducer cemented using neat cement (1185 sacks) of Portland Type I Cement

Well Test Data: Static Level ft ; pumping level after hours pumping at g.p.m.

Length of test hrs. See Well Test Data Sheet Dated

Remarks

Layne Job No. 48947 Well Permit No.: 2018-0199W

WELL LOG

89455

Feet		Feet	Description
0	to	6	Top soil
6	to	66	Gray clay
66	to	73	Gravel
73	to	77	Gray clay
77	to	89	Brown Clay w/ some gravel
89	to	96	Red clay
96	to	114	Black and gray clay w/ some gravel
114	to	125	Gray clay w/ some black shale
125	to	128	Hard sandy brown shale
128	to	203	Hard black shale
203	to	254	Gray limestone
254	to	542	Gray and brown limestone
542	to	547	Gray limestone/shale mix
547	to	595	Gray limestone
595	to	610	Shale
610	to	631	Dolomite
631	to	644	Shale
644	to	838	Gray limestone w/shale streaks
838	to	980	Shale with limestone streaks
980	to	1110	Limestone
1110	to	1401	Shale and limestone mix
1401	to	1415	Soft sticky shale
1415	to	1422	Sandstone
1422	to	1506	Shale and limestone mix
1506	to	1563	Gray limestone
1563	to	1574	Brown sandstone
1574	to	1593	Gray limestone
1593	to	1599	Brown sandstone
1599	to	1603	Gray limestone

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Feet		Feet	Description
1603	to	1618	Brown and black sandstone
1618	to	1685	Gray and green limestone
1685	to	1730	Sandstone
1730	to	1806	Dark gray limestone
1806	to	1812	Gray limestone
1812	to	1866	Brown sandstone
1866	to	1870	Green shale
1870	to	1874	Dark Green sandy shale
1874	to	1990	Dark gray limestone