

Clark's Ferry Recreation Area

Grout Summary

49 Cu/Ft	Neat cement pumped around the bottom of the casing @ 211'
14 Cu/Ft	Neat cement placed with trimmie @ 147'
42 Cu/Ft	Neat cement placed with trimmie @ 126'
31 Bags	3/8" Hole plug placed from surface to 125'
66 Bags	Benseal trimmed to 120'
30 Cu/Ft	Neat cement trimmed to 120'
20 Cu/Ft	Neat cement trimmed to 80'
20 Cu/Ft	Neat cement trimmed to 40'

W912EK-14-C-0094

Clark's Ferry Recreational Area

FIELD NOTES FROM DRILLING

Date: November 6, 2014

Driller Name: Gingerich Well & Pump Service - Klint Gingerich

Geologist Name: Lisa Whited

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Boring No.: WL-02

Depth	Rock Type	Description	Fizz	
0	5	Shale	Black, weathered, root fibers	N
5	10	Limestone	Grey, weathered, root fibers	Y
		(Residual above)		
		(Bedrock below)		
10	15	Limestone	Grey	Y
15	20	Limestone	Grey	Y
20	25	Limestone	White & grey (air rotary began)	Y
50	55	Limestone	Included Bryozoan, shell fragments	Y
65	70	Limestone	Included shell fragments	Y
70	75	Limestone	Tan	Y
75	80	Limestone	Tan	N
80	100	Limestone	White & grey	Y
100	125	Dolomite	Grey	N
125	130	Dolomite	Dark grey, sandy - water flow	N
130	140	Sandston/Limestone	Pyrite crusts - void, low return	N
140	155	Dolomite	Grey & dark grey	N
155	165	Dolomite	Grey	N
165	170	Dolomite	Grey, pyrite crystals	N
170	180	Dolomite	Grey, Crinoid stems, vuggy	N
180	210	Dolomite	Grey	N
210	211		Drilled - Bottom of borehold @ 211 bags	
			casing set @ 211 bags	

W912EK-14-C-0094

Clark's Ferry Recreational Area

FIELD NOTES FROM DRILLING

Date: November 10, 2014

Driller Name: Gingerich Well & Pump Service - Klint Gingerich

Geologist Name: Lisa Whited

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Boring No.: WL-02

Depth		Rock Type	Description	Fizz
211	215	Limestone	White, trace shale stained red	Y - turned yellow/green
215	235	Limestone	White, vuggy	Y
235	240	Limestone	White, trace shale with pyrite	Y - turned yellow/green
240	290	Dolomite	White, crinoid stems	N
290	350	Limestone	White	Y
350	355	Limestone	White, crinoid stems	Y
			(bottom of borehole @ 355' bgs)	

"YOUR WELL BEING OUR BUSINESS"

Gingerich

Well & Pump Service, LLC

WELL DRILLING, PUMP SERVICE & REPAIR

319-656-2664

Pump Man:

Emery Gingerich

Klint Gingerich

Corwin Gingerich

1331 HWY 1
Kalona, IA 52247

OWNER CLARKS FERRY RECREATION AREA, DATE DRILLED 11/11/2014

ADDRESS SUNSET BEACH MONTPELIER DEPTH OF WELL 355

SIZE TOP 6 BOTTOM 6 CASED TO 211 WITH 6 SCH40 TYPE STEEL

LINED WITH _____ FROM _____ TO _____ AND WITH _____ FROM _____ TO _____

FEET OF SAND _____ FROM _____ TO _____ DEPTH TO _____ ROCK 10

MAIN SUPPLY FROM 211 TO 355 AND FROM _____ TO _____

MFG OF SCREEN _____ TYPE OF MATERIAL _____

SLOT OPENING _____ TOTAL LENGTH _____ FEET EXPOSED _____

STATIC WATER LEVEL 33 PUMPING LEVEL 79 AT 110 GPM

DRILLING FOREMAN Klint Gingerich