

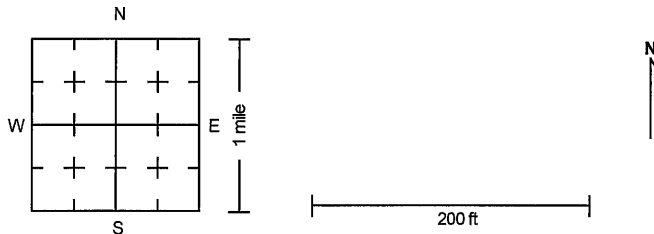
WELL RECORD FORM

94203

PWSID# or PWTS No. 7227701 PWTS Permit No. 20190073 GeoSam WNumber (IGS use only) _____

Site Identification
 Property owner Osceola Rural Water System -North Other ID Well DS-2
 Address 2270 Walnut Ave. City May City
 Tenant _____
 Well depth 600 ft Date completed 8 / 26 / 2019

Drill Method Rotary Auger Cable Other _____
Hole size
 44 inch from 0 ft to 30 ft hole size continued 22 inch from 0 ft to 600 ft
 35 inch from 0 ft to 370 ft _____ inch from _____ ft to _____ ft

Location County Osceola
 GPS coordinates (NAD83 datum)
43.3139530 Latitude 95.4762470 Longitude
 Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds
SE 1/4 of the 8 TWP 98 RNG 39 E W
 Show exact location of well in section grid with a dot (.). Sketch map of well location on property.


Casing or Loop Pipe
 Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Sotted	Screen
32	Steel	0	30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
24	Steel	0	370	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
14	Steel	0	480	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
14	Stainless Steel	480	600	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.030</u>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

Gravel packed 420 600 amount ^{s Sup} _____ variety Northern
 Seals/packers _____ type _____
 Bottom capped with Northern

Formation Log

From	To	Color	Hardness	Formation description
0	3	Black	Loose	Top soil
3	20	Tan	Loose	F,m,c sand and f,m,c gravel and rocks with clay strips
20	48	Tan	Loose	F,m,c sand & f,m,c gravel w/rocks
48	80	Gray	Dense	Clay
80	100	Gray	Dense	Clay with rocks
100	104	Gray	Dense	Clay
104	115	Tan	Loose	F,m,c sand & f,m,c gravel w/rocks
115	140	Gray	Dense	Clay
140	190	Gray	Dense	Clay with rocks
190	195	Tan	Hard	Very coarse rocks
195	200	Gray	Dense	Clay
200	220	Gray	Dense	Clay with rocks
220	240	Brown	Dense	Tan clay
240	244	Brown	Dense	Clay
244	260	Tan	Loose	Fine, medium sand
260	280	Tan	Loose	(use additional sheets as needed) F,m sand w/blue sandy clay

Casing Grout Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Cement Grout	0	415	
Bentonite Seal	415	420	

Pump Installation Date ____/____/____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information Date 09 / 11 / 2019

Static Water Level	Pumping Water Level	Yield	Duration
<u>221</u> ft	<u>255</u> ft	<u>1200</u> GPM	<u>48.00</u> hrs

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water-supply zone from 480 ft to 600 ft below GL

Well Development
 Physical explain: Surge blocked and pumped for 6 hours
 Chemical explain: _____

Remarks (including depth of lost drilling fluids, materials, or tools)

Contractor
 Company Sargent Drilling
 Address 2016 Industrial Park Road, Carroll, IA 51401
 Driller Derek Schweitzer Certification no. 8338

Well Use
 Domestic Public supply Livestock
 Heat pump Commercial Irrigation
 # of borehole(s) _____ Monitoring Other _____

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Mail form to Iowa Department of Natural Resources: 502 E. 9th St., Des Moines, IA 50319-0034

Or click here to e-mail form to: well.records@dnr.iowa.gov

Make copies for well contractor, customer, and county health department



DNR Form 542-8170

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