

## WELL RECORD FORM

100963

PWSID# or PWTS No. \_\_\_\_\_

PWTS Permit No. \_\_\_\_\_

GeoSam WNumber (IGS use only) \_\_\_\_\_

## Site Identification

Property owner Eldred Sherwood Park Other ID \_\_\_\_\_  
 Address 2185 120th Street City Goodell  
 Tenant Hancock County / Eldred Sherwood Park  
 Well depth 240 ft Date completed 8 / 11 / 2023

## Location

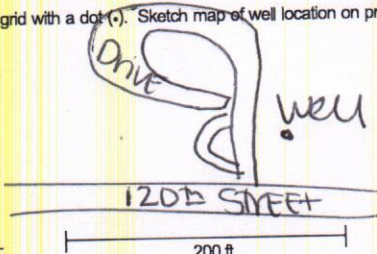
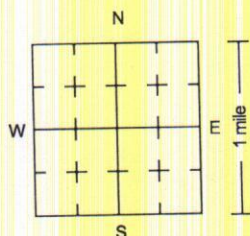
County Hancock

GPS coordinates (NAD83 datum)

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ W \_\_\_\_\_ E \_\_\_\_\_

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

Drill Method ☒ Rotary ☐ Auger ☐ Cable ☐ Other \_\_\_\_\_

## Hole size

hole size continued

10 inch from 0 ft to 160 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 5 inch from 160 ft to 240 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

## Casing, Screen and/or Loop Pipe

Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top(ft)	Depth Bottom(ft)	Perforated	Slotted	Screen
6"	SCH 40 STEEL	+3	160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

☐ Gravel packed

amount \_\_\_\_\_ variety \_\_\_\_\_

☐ Seals/packers

type \_\_\_\_\_

☐ Bottom capped with \_\_\_\_\_

## Formation Log

From	To	Color	Hardness	Formation description
0	2	BLACK	SOFT	TOPSOIL
2	17	GRAY	MEDIUM	SANDY CLAY
17	30	TAN	SOFT	SANDY CLAY
30	65	GRAY	SOFT	COURSE SAND
65	75	GRAY	SOFT	SANDY CLAY
75	105	BLUE	MEDIUM	CLAY
105	115	MULTI	SOFT	SAND AND GRAVEL
115	138	BLUE	SOFT	CLAY
138	145	WHITE	SOFT	SHALE AND LIMESTONE
145	150	WHITE	MEDIUM	LIMESTONE
150	160	WHITE	HARD	LIMESTONE
160	235	WHT/TN	HARD	LIMESTONE
235	240	ORANGE	SOFT	SHALE

(use additional sheets as needed)

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

## Well Use

☐ Domestic ☒ Public supply ☐ Livestock  
☐ Heat pump ☐ Commercial ☐ Irrigation  
 # of borehole(s) \_\_\_\_\_ ☐ Monitoring ☐ Other \_\_\_\_\_

## Casing Grout

Placement method GROUT SHOE

Type	Depth Top	Depth Bottom	Amount (vol/wt)
PORTLAND CEMENT	0	160	42

Pump Installation Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft

Type of pump \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

Pump diameter \_\_\_\_\_ in Final Yield \_\_\_\_\_ GPM

Well Development and Water Information Date 08 / 11 / 2023

Static Water Level	Pumping Water Level	Yield	Duration
_____ ft	_____ ft	40 GPM	1.00 hrs

Water level measurement: ☐ Sonic ☐ Tape ☐ Airline ☒ E-line ☐ EstimateWater yield measurement: ☐ Orifice ☐ Volumetric ☒ EstimateMain water-supply zone from 160 ft to 235 ft below GL

## Well Development

Explain: AIR LIFT

## Well Disinfection

System Water Volume \_\_\_\_\_ gal/ft<sup>3</sup> Chemical \_\_\_\_\_

Chemical Concentration \_\_\_\_\_ mg/L Contact Time \_\_\_\_\_ hrs

## Certified Well Driller

Company LARSON WELL COMPANY LLCName LUCAS RISDAL Certification no. 13504

## Certified Pump Installer

Company \_\_\_\_\_

Name \_\_\_\_\_ Certification no. \_\_\_\_\_

IOWA

Iowa Geological Survey

See back for submittal information

DNR Form  
542-8170