Well Registration or Area Permit

Fee Paid: $110.00 HHSS Fee: $70.00
DNR Cash Fund: $18.50 WWDF: $21.50
Billing ID: 59036

Source:	Nebraska On Line	Import Status:	Accepted	Use:	Irrigation	Owner ID:	100552
NoI ID:	15060226751138	Status:	Active Registered Well	Decommission Date:	__	Registration Number:	G-183358
Well ID:	248190	NRD:	Nemaha			Registration Date:	9/21/2017
Last Change User:	heather.mcpherson	Call Up Code:	__	Call Up Date:	__	Last Change Date:	9/21/2017

Owner:

Select Contact ☐ Show previous owners

		ContactID	Type	SeqNum	Begin Date	End Date	Name	
Edit	Display	100552	Owner	1	9/21/2017		Gyhrajede Inc,	Delete

Contractor:

Certificate ID	FirstName	LastName
39454	Nathan R	Jacobson

Drilling Firm:

	EmployerID	Employer
Delete	595839	Charles Sargent Irrigation Inc

A. Well Location: SW1/4SE1/4 of Section 23
Township 6 North, Range 10 (East E/W), Johnson County

B. Natural Resource District: Nemaha

	Latitude	Longitude	
Well GPS Coordinates:	40° 28' 06.60"	-096° 15' 37.00"	GPS Required
Lat/Long DD	40.46850	-96.26028	

C. The well is: 1312 feet from the S Section line and 1316 feet from the E section line.

D. Street address or block, lot and subdivision: Addr/Sub Div __ Block No __ Lot __

E. Location of water use, if applicable (give legal description): SE S23 T6 R10E

G. Well reference letter(s) if applicable: __

Well In A Series

Well Part of a Series with Site Plan: No

Series	# of Wells Reg	Total # Wells	Acres	Acres Cert	NRD Appr	StartDate	EndDate	Comment	Series Reg Num (External Source)	Code	Description	Wells in the Series
253352			140	No	No	8/17/2017				PRO	Single Project	WellID: 248190; RegCD: G-183358; StartDate: 8/17/2017; EndDate:

Permits

			Aprvd Date(s)				Aprvd Date(s)
Area Permit	N	690	5/11/2017	SWater App Code	__	__	__
GeoPermit	__	__	__	Industrial	__	__	__
MWF	__	__	__	Transfer	__	__	__
WSP	__	__	__	Swater Conduct Code	__	__	__
HHSS		__		Other		__	__
HHSS PWS ID		__		ITN		__	__
NDEQ		__					

5. Purpose of Well Irrigation
Other Use __
Notes __

7. Replacement well information.

Well Considered a replacement by NRD(WellID, RegCD)
-

A. Is this well a Replacement well? No Repl No __ NRD Approval Date __ Well Replacement Reg CD

B. Registration number of abandoned well: __ If not registered, date abandoned well was constructed __

C. Abandoned well last operated __ D. Replacement well is __ feet from abandoned well.

E. Original well pump column size: __ inches.

F. [ ] Original water well decommissioned __
[ ] I hereby certify that the original water well will be decommissioned within 180 days after such construction of the replacement water well.
[ ] I hereby certify that the original water well will be modified and equipped to pump 50 gallons per minute or less within 180 days after such construction of the replacement water well.
[ ] Livestock
[ ] Monitoring
[ ] Observation
[ ] Nonconsumptive or de minimus use approved by the applicable natural resources district. __
[ ] Decommission/Modification certification form is submitted by landowner (Must be submitted before registering well)

G. Location of water use of original well:

Decommission Information

Decommission Date: __ By

8. Pump Information.

A. Is Pump installed at this time? Yes

Pump present but Well Inactive: No

Free Flowing Well: No

Well active, no pump installed: No

B. License No.

CertificateID	FirstName	LastName	Employer
39454	Nathan R	Jacobson	Charles Sargent Irrigation, Inc - Geneva

C. Pumping Rate 800 gallons per minute.

D. Pumping water level 114 feet.

E. Drop pipe diameter 8 inches.

F. Length of pipe 180 in feet.

G. Pump equipment installed: 9/11/2017

H. Pump Brand/Type Sargent Pipe Company

I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 234 feet.

B. Static water level 99 feet.

C. Well Construction began: 8/17/2017

D. Well Construction Completed: 8/17/2017 Days To Register: 35

E. Bore hole diameter in inches. Top 30 Bottom 30

F. Casing and Screen Joints are: Glued

Other Joints description: __

H. Total Estimate Capacity of Well 1000 gallons per minute.

I. Pumping water level at capacity: 118 feet.

10. Well Construction (Casing & Screen) - c, d, e & f measurements should be in inches to three decimal places

Record Count = 2

WellID	FromDepth*	ToDepth*	Case/Screen	InsideDiam	OutsideDiam	CaseThickness	ScrnSlotSize	Material	ScreenTname
248190	0	174	casing	14.75	16	0.625		Plastic	PVC
248190	174	234	screen	14.75	16	0.625	0.05	Plastic	PVC

* are in Feet, all else is in inches

11. Grout and Gravel Pack

Record Count = 4

WellID	FromDepth	ToDepth	Grout/Gravel	Material Description[1]	Quantity Gravel[2]	Volume &Type Grout[3]
248190	5	10	grout	Bentonite Cap		0.5 Super Sack
248190	10	165	gravel	Gravel Well Pack	39 Cubic Yards	
248190	165	170	grout	Bentonite Seal		0.5 Super Sack
248190	170	234	gravel	Chlorinated Gravel	16 Cubic Yard	

* are in Feet, all else is in inches

[1]Description of gravel pack, i.e. engineered gravel pack, or gravel pit description (1/4 down) or brand name (best sand) natural formation, drilling cuttings, soil backfill

[2]Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

[3]Volume & Type: #gallons of a slurry, #Barrels of a slurry, #sacks used in the slurry, #Bags of non-slurry bentonite (chip-pellet-granular)

12. Well Geologic Materials Logged

WellID	FromDepth*	ToDepth*	Type	Hardness	Color	Other/Drilling Action
248190	0	20	Top Soil	Loose	Brown	Clay
248190	20	35	Clay	Dense/Stiff	Brown	Gray Clay
248190	35	40	Other	Hard	Tan	Sand/Brown Clay
248190	40	53	Fine Sand	Loose	Tan	Sandy Brown Clay
248190	53	65	Sand fine-med	Loose	Tan	
248190	65	80	Sand with gravel	Loose	Tan	
248190	80	100	Sand with gravel	Loose	Tan	Rocks/Clay Layer
248190	100	120	Sand with gravel	Loose	Tan	Rocks
248190	120	134	Sand with gravel	Loose	Tan	
248190	134	140	Clay	Dense/Stiff	Blue	
248190	140	160	Sand with gravel	Loose	Tan	
248190	160	180	Sand with gravel	Loose	Tan	Rocks/Clay Strip
248190	180	235	Shale	Hard	Green	Blue/Gray Shale

* are in Feet.