Well Registration or Area Permit

Fee Paid: $110.00 HHSS Fee: $70.00
DNR Cash Fund: $18.50 WWDF: $21.50
Billing ID: 61798

Source:	Nebraska On Line	Import Status:	Accepted	Use:	Irrigation	Owner ID:	109625
Nol ID:	153641893620050	Status:	Inactive Well (Well is not Pumping)	Decommission Date:	__	Registration Number:	G-185790
Well ID:	253508	NRD:	Upper Loup			Registration Date:	9/10/2018
Last Change User:	heather.mcpherson	Call Up Code:	__	Call Up Date:	__	Last Change Date:	9/10/2018

Owner:

Select Contact ☐ Show previous owners

		ContactID	Type	SeqNum	Begin Date	End Date	Name	
Edit	Display	109625	Owner	1	9/10/2018		Dickau, Charles	Delete

Contractor:

Certificate ID	FirstName	LastName
39424	Dennis W	Jameson

Drilling Firm:

	EmployerID	Employer
Delete	375952	Husker Drilling and Irrigation

A. Well Location: SW1/4SW1/4 of Section 22
Township 24 North, Range 22 (West E/W), Blaine County
B. Natural Resource District: Upper Loup

	Latitude	Longitude	
Well GPS Coordinates:	42° 01' 53.24"	-099° 51' 18.97"	GPS Required
Lat/Long DD	42.03146	-99.85527	

C. The well is: 817 feet from the S Section line and 1132 feet from the W 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): SW 1/4 S22 T24 R22W
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			
												WellID	RegCD	StartDate	EndDate
260220			107.5	No	No	9/4/2018				PRO	Single Project	253508	G-185790	9/4/2018	

Permits

			Aprvd Date(s)			Aprvd Date(s)
Area Permit	UL-	16718	8/7/2018	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? No
Pump present but Well Inactive: No
Free Flowing Well: No
Well active, no pump installed: No
B. License No.
C. Pumping Rate __ gallons per minute.
D. Pumping water level __ feet.
E. Drop pipe diameter __ inches.
F. Length of pipe __ in feet.
G. Pump equipment installed: __
H. Pump Brand/Type __
I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 260 feet.
B. Static water level 33 feet.
C. Well Construction began: 9/4/2018
D. Well Construction Completed: 9/4/2018 Days To Register: 6
E. Bore hole diameter in inches. Top 30 Bottom 28
F. Casing and Screen Joints are: Glued
Other Joints description: __
H. Total Estimate Capacity of Well 1850 gallons per minute.
I. Pumping water level at capacity: 60 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
253508	0	60	casing	14.768	16	0.625		PVC	Crestline
253508	60	260	screen	14.768	16	0.625	0.05	PVC	Crestline

* are in Feet, all else is in inches

11. Grout and Gravel Pack
Record Count = 5

WellID	FromDepth	ToDepth	Grout/Gravel	Material Description[1]	Quantity Gravel[2]	Volume &Type Grout[3]
253508	0	10	grout	Native Earth backfill		3 yards
253508	10	15	grout	3/8 bentonite chips		18 bags
253508	15	55	grout	bentonite and gravel		12 bags and 6 yards
253508	55	60	grout	3/8 bentonite chips		18 bags
253508	60	260	gravel	armour coat	30 yards	

* 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
253508	0	60	Sand fine-med	Soft	Brown	
253508	60	90	Sand med-coarse	Soft	Red	
253508	90	110	Sand with gravel	Soft	Red	
253508	110	140	Sandstone	Soft	Brown	
253508	140	160	Sand med-coarse	Soft	Red	
253508	160	260	Sandstone	Soft	Brown	Thin clay layers

* are in Feet.