

Well Registration or Area Permit

Fee Paid: \$110.00 HHSS Fee: \$70.00
DNR Cash Fund: \$18.50 WWDF: 21.50
Billing ID: 39788

Source:	Nebraska On Line	Import Status:	Accepted	Use:	Irrigation	Owner ID:	36120
Import ID:	136994014829706	Status:	Active Registered Well	Decommission Date:	—	Registration Number:	G-167326
Well ID:	222307	NRD:	Upper Elkhorn			Registration Date:	5/31/2013
Last Change User:	hsparks	Call Up Code:	—	Call Up Date:	—	Last Change Date:	5/31/2013

Owner:

ContactID	Type	SeqNum	Begin Date	End Date	Name
Display 36120	Owner 1		5/31/2013		Borer, Larry P

Contractor:

Certificate ID	FirstName	LastName
3919408	Loren C.	Taylor

Drilling Firm:

EmployerID	Employer
159795	Charles Sargent Irrigation Inc - Neligh

A. Well Location: NW1/4SE1/4 of Section 34
Township 27 North, Range 6 (West E/W), Antelope County

B. Natural Resource District: Upper Elkhorn

	Latitude	Longitude	
Well GPS Coordinates:	42° 16' 01.30"	-097° 59' 43.80"	
Lat/Long DD	42.26703	-97.99550	GPS Required

C. The well is: 1440 feet from the S Section line and 1427 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): All but for a small part in the SESE1/4 in the SE 1/4 in S34 T27 R6W Ant.Co

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								
221180			115	No		No			5/13/2013					PRO	Single Project	<table><tr><th>WellID</th><th>RegCD</th><th>StartDate</th><th>EndDate</th></tr><tr><td>222307</td><td>G-167326</td><td>5/13/2013</td><td></td></tr></table>	WellID	RegCD	StartDate	EndDate	222307	G-167326	5/13/2013	
WellID	RegCD	StartDate	EndDate																					
222307	G-167326	5/13/2013																						

Permits

Area Permit	UE-	13004	Aprvd Date(s)	1/3/2013	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(WellIID, 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
39194	Loren C	Taylor	Charles Sargent Irrigation Inc

C. Pumping Rate 900 gallons per minute.

D. Pumping water level 74 feet.

E. Drop pipe diameter 8.62 inches.

F. Length of pipe 120 in feet.

G. Pump equipment installed: 5/24/2013

H. Pump Brand/Type Sargent pump

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 55 feet.

C. Well Construction began: 5/10/2013

D. Well Construction Completed: 5/13/2013

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 1400 gallons per minute.

I. Pumping water level at capacity: 79 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
222307 0	80		casing	14.74	16	0.616		26 SDR PVC CertainTeed	
222307 80	260		screen	14.74	16	0.616	0.085	26 SDR PVC CertainTeed	

* are in Feet, all else is in inches

11. Grout and Gravel Pack
Record Count = 3

WellID	FromDepth	ToDepth	Grout/Gravel	Material	Description ¹	Quantity	Gravel ² Volume	&Type	Grout ³
222307 0	10		gravel	Armor coat		2 yards			
222307 10	13		grout	Bentonite chips			20 bags		
222307 13	260		gravel	Armor coat		50 yards			

* are in Feet, all else is in inches

¹Description 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
²Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web
³Volume & 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
222307 0	20		Top Soil			Brown &	clay
222307 20	51		Clay			Brown	
222307 51	119		Sand with gravel			Brown	
222307 119	120		Clay			Brown	
222307 120	140		Sand fine-med		Gray	sandstone &	clay
222307 140	160		Other			ps,sandstone &	clay
222307 160	180		Sandy Clay		Gray	w/sand &	sandstone
222307 180	187		Clay			Brown w/peppersand	
222307 187	200		Other			peppersand &	sand
222307 200	210		Other			peppersand	
222307 210	220		Sandstone		Gray	w/clay layers	
222307 220	229		Sandstone	Cemented	Gray	w/limestone &	clay
222307 229	240		Clay			Brown w/ss &	limestone
222307 240	259		Sandstone			Brown clay &	limestone
222307 259	260		Clay	Hard		Brown	
222307 260	280		Clay			Brown limestone,ss &	ps

* are in Feet.

http://psdata/TWIP/Wells/Registration/RegistrationPrint.aspx?Print=true&ReferenceID=222307[5/31/2013 9:28:38 AM]