

Well Registration or Area Permit

Fee Paid: \$110.00 HHSS Fee: \$70.00
 DNR Cash Fund: \$18.50 WWDF: \$21.50
 Billing ID: 75741

Source: Nebraska On Line Import Status: Accepted Use: Irrigation Owner ID: 142959
 Nol ID: 167234668521505 Status: Suspense (Replacement well, original well not yet abandoned) Decommission Date: — Registration Number: G-073494
 Well ID: 271310 NRD: Tri-Basin Registration Date: 12/30/2022
 Last Change User: khalisha.casey Last Change Date: 12/30/2022

Owner: Show previous owners

ContactID	Type	SeqNum	Begin Date	End Date	Name
Display 142959	Owner	1	12/30/2022		Nelson Blimp Company LLC et al

Contractor:

Contact ID	First Name	Last Name	Contact Type	License Information
Display 146246	Thomas R	Downey	Water Well Professional	39250

Drilling Firm:

Contact ID	Employer	Contact Type	License Information
Display 144924	Downey Drilling, Inc.	Water Well Entity	Employer ID: 438639

- A. Well Location: SW1/4SE1/4 of Section 12
 Township 5 North, Range 15 (West E/W), Kearney County
- B. Natural Resource District: Tri-Basin
 Latitude Longitude
 Well GPS Coordinates: 40° 24' 36.890" -98° 57' 39.610"
- C. The well is: — feet from the — Section line and — feet from the — 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): SWSE, NWSE S12 T5 R15
- G. Well reference letter(s) if applicable: —

Well In A Series

Well Part of a Series with Site Plan: No
 Series Reg # (External Source): —

Series ID	# of Wells Registered	Total # of Wells	Acres	Acres Certified	Series Code-Description
278085	1	1	63.55	No	PRO-Single Project

WellID	Registration #	NRD Approved	Comment	Series Reg # (External Source)	Well Status	Completion Date	Start Date	End Date
271310	G-073494	No			S-Suspense (Replacement well, original well not yet abandoned)	11/23/2022	12/30/2022	

Permits

			Aprvd Date(s)		Aprvd Date(s)
Area Permit	<u>TBRP-G</u>	<u>073494R1</u>	<u>11/02/2022</u>	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? Yes Repl No 1 NRD Approval Date ___ Well Replacement Reg CD

B. Registration number of abandoned well: G-073494 If not registered, date abandoned well was constructed ___

C. Abandoned well last operated ___ D. Replacement well is 100 feet from abandoned well.

E. Original well pump column size: ___ inches.

F. Original water well decommissioned ___

Original water well was modified ___

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. ___

Owner is not yet sure if they want to decommission or modify original well within 180 days.

G. Location of water use of original well: SWSE S12 T5 R15

Decommission Information

Decommission Date: ___

Decommissioned 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.

Pump Installer:

Contact ID	First Name	Last Name	Contact Type	License Information
Display 146246	Thomas R	Downey	Water Well Professional	39250

Pump Installer Firm:

Contact ID	First Name	Last Name	Entity Type	License Information
Display 144924		Downey	Drilling, Inc. Water Well Entity	Employer ID: 438639

- C. Pumping Rate 1000 gallons per minute. D. Pumping water level 160 feet.
 E. Drop pipe diameter 8 inches. F. Length of pipe 200 in feet.
 G. Pump equipment installed: 12/7/2022 H. Pump Brand/Type FLOWSERVE
 I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

- A. Total well depth: 285 feet. B. Static water level 134 feet.
 C. Well Construction began: 11/23/2022 D. Well Construction Completed: 11/23/2022 Days To Register: 37
 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 ___ gallons per minute. I. Pumping water level at capacity: ___ 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
271310	0	215	casing	14.76	16	0.61		PVC	SDR 26
271310	215	285	screen	14.76	16	0.61	0.08	PVC	SDR 26

* are in Feet, all else is in inches

11. Grout and Gravel Pack Record Count = 5

WellID	FromDepth	ToDepth	Grout/Gravel	Material Description ¹	Volume & Type Grout ³	Quantity Gravel ²
271310	0	6	gravel	DIRTY GRAVEL / BENTONITE		.780 CU YD
271310	6	16	grout	BENTONITE	48 SACKS HOLEPLUG	
271310	16	130	gravel	DIRTY GRAVEL / BENTONITE		14.820 CU YD
271310	130	140	grout	BENTONITE	48 SACKS HOLEPLUG	
271310	140	285	gravel	NSAC GRAVEL PACK		18.850 CU YD

* 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*	Materials Drilled	Density/Hardness	Color	Other Material, Colors, Drilling Action, Note
271310	0	4	Top Soil	Soft	Tan	
271310	4	21	Clay	Soft	Tan	SILTY
271310	21	75	Clay	Soft	Tan	SILTY SANDY
271310	75	90	Sand fine-med	Soft	Tan	
271310	90	143	Sandy Clay	Soft	Tan	F/M SAND

271310	143	154	Sand fine-med	Soft	Tan	SANDY CLAY
271310	154	161	Sand fine-med	Soft	Tan	
271310	161	165	Sandy Clay	Soft	Tan	F/M SAND
271310	165	175	Sand fine-med	Soft	Tan	SANDY CLAY
271310	175	195	Sand fine-med	Soft	Tan	
271310	195	211	Sand fine-med	Soft	Tan	SANDY CLAY
271310	211	253	Sand med-coarse	Soft	Blue	F/TR MED GRAVEL
271310	253	260	Fine Sand	Soft	Brown	BLUE/BROWN CLAY
271310	260	277	Sand fine-med	Soft	Tan	C. SAND, SANDY CLAY
271310	277	279	Other	Hard	White	MAG
271310	279	285	Clay	Soft	Brown	

* are in Feet.