

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WATER WELL REGISTRATION

February 1993
DWR Form 981

FOR DEPARTMENT USE ONLY

Registration No. G-82723 Sequence No. 104788 Registration Date: 11-14-96
Owner Code No. 46955 Receipt No. 88759 16 South Platte NRD

1. Well Owner Toby Limzey Telephone Number (877) 245 3481
Address Box 324 114 E. 2nd
City Pine Bluff State WY Zip Code 82082 + 0334
2. Drilling Firm B & B Water Well Serv. Inc. Telephone Number (308) 235-3470
Address RF #1 Box 128B Contractor's License No. 39012 Pump Installer License No. 39012
City Kimball State NE Zip Code 69145 +

3. Permit Number(s) _____

4. Purpose of well (Indicate one): ☐ Dewatering (over 90 days) ☐ Domestic ☐ Geothermal ☐ Ground Heat Exchanger
☐ Ground Water Source Heat Pump ☐ Industrial ☐ Injection ☐ Irrigation ☒ Livestock ☐ Monitoring
☐ Observation ☐ Public Water Supply (with spacing (46-631)) ☐ Public Water Supply (without spacing) ☐ Recovery
☐ Other _____
(Indicate use)

5. Replacement and abandoned well information.

A. Is this well a replacement well? ☐ Yes ☒ No
C. Replacement well is _____ feet from abandoned well.
B. Registration number of abandoned well: _____
D. Abandoned well last operated _____, 19____
E. Original well pump column size: _____ inches.
F. Abandoned well plugged _____, 19____

6. A. Well location: 15 1/4 W 1/4 of Section 18, Township 16 North, Range 59 East/West, Kimball County.
B. The well is 20 feet from the North/South section line and 30 feet from the East/West section line.
C. Street address or block, lot and subdivision, if applicable: _____
(Indicate one)

D. Location of water use, if applicable (give legal descriptions): _____

E. If for irrigation, the land to be irrigated is _____ acres.

F. Well reference letter(s), if applicable: _____

7. Pump Information.

Is pump installed at this time? ☒ Yes ☐ No

If yes, complete items A through E.

If no, complete items A and D with estimated information for those wells in which pump will be installed.

A. Actual pumping rate, if applicable: 3 gallons per minute. Measured ☒ or Estimated ☐
B. Pump column diameter: 1 1/4 inches.
C. Length of pump column: 210 feet.
D. Pumping equipment installed: 2-20, 1996.
E. Brand/Type: Windmill with 2" cylinder

8. Well Construction Information.

A. Total well depth: 270 feet. B. Static water level: 176 feet. C. Pumping water level: 172 feet.
D. Construction began: 9/18 1996. E. Construction completed: 9/20 1996.
F. Bore hole diameter: 8 inches.
G. Casing: Diameter 4 1/2" ID 4" OD inches. Type of material: SL 40 PVC.
Wall thickness: .237 inches. Joints: Welded Glued Threaded Other: _____ Guides at _____ ft.
Length(s) and placement(s) depth from 0 ft. to 190 ft. from _____ ft. to _____ ft.
H. Screen: 4 1/2" ID 4" OD in.; Type of material: SL 40 PVC.
Screen openings (slot size): .030 Trade name: Eagle. Guides at _____ ft.
Length(s) and placement(s) depth from 190 ft. to 270 ft. from _____ ft. to _____ ft.
I. Gravel pack interval(s) from 15 ft. to 270 ft. from _____ ft. to _____ ft. Grade size: 1/4
J. Grouted/Sealed from 0' ft. to 15 ft., with Concrete type 2-38 (type)
from _____ ft. to _____ ft., with _____ (type)
K. Drilling method: Rotary L. Drilling fluid: Fresh Water (type)
M. Well development technique (total time and method): Failed 2 HRS
N. Will chemicals, fertilizer or antifreeze be injected or utilized in the system? Yes X No
If yes, what will be used: _____

9. Geologic Materials Logged

DEPTH IN FEET FROM	TO	DESCRIPTION
<u>0</u>	<u>2</u>	<u>Top soil</u>
<u>2</u>	<u>5</u>	<u>Clay</u>
<u>5</u>	<u>36</u>	<u>Coarse Gravel</u>
<u>36</u>	<u>59</u>	<u>Clay</u>
<u>59</u>	<u>85</u>	<u>Med Sand</u>
<u>85</u>	<u>97</u>	<u>Clay</u>
<u>97</u>	<u>124</u>	<u>Med Sand</u>
<u>124</u>	<u>131</u>	<u>Clay</u>
<u>131</u>	<u>152</u>	<u>Med Sand</u>
<u>152</u>	<u>171</u>	<u>Clay</u>

DEPTH IN FEET FROM	TO	DESCRIPTION
<u>171</u>	<u>245</u>	<u>Med Sand</u>
<u>245</u>	<u>270</u>	<u>Clay</u>

(Additional sheets may be submitted)

10. I am familiar with the information submitted on this registration, and to the best of my knowledge it is true.

Neil B. Brown
Water Well Contractor's Signature

9-23-96
Date

[Signature]
Water Well Owner's Signature

10/15/96
Date