

Mail to
Department of Natural Resources
PO Box 94676
Lincoln, NE 68509-4676
Phone (402)471-2363

January 2011
DNR WWR

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
WATER WELL REGISTRATION

Please indicate NA for items unknown

FOR DEPARTMENT USE ONLY

Date Filed 01/11/13 Owner Code No. 117077 Registration No. 6-007331
06072013-223/80 -WWR (4) Receipt 125803 Well ID LB NRD

1. a. Well Owner's First Name ALAN & NEIL Last Name BOHLING

OR Company Name _____

b. Attention Name _____

c. Street Address 2393 ROAD 5300

Address 2/PO Address _____

City DAVENPORT State NE Zip 68335 Telephone 402-364-2537

2. a. Contractor's License No 39227 Contractor's Name RONALD WILLIAMS

Contractor's Email Address _____

b. Drilling Firm Name WILLIAMS DRILLING CO., INC

Address PO BOX 327

City BELVIDERE State NE Zip 68315 Telephone 402-768-6098

Drilling Firm's Email Address _____

3. a. Well location NE 1/4 of the SE 1/4 of Section 14, Township 3 North, Range 3 E W , THAYER County

Latitude Degree 40 Minute 13 Second 25.2

Longitude Degree 97 Minute 37 Second 6.3

GPS
Required

Location of well for a pit is
the location of the pump

b. Natural Resources District LITTLE BLUE

c. The well is: 1358 feet from the (N S) section line and 1266 feet from the (E W) section line

d. Street address and subdivision, if applicable _____

e. Location of water use (give legal descriptions) SE 1/4, SEC. 14, T3N, R3W

f. If for irrigation, the land to be irrigated is 155 acres. Location of water use is required on all wells

g. Well reference letter(s), if applicable _____ HHSS PWSID _____

4. Permits
Management Area Permit Number LBMA-1924 Surface Water Permit Number _____
Geothermal Permit Number _____ Industrial Permit Number _____
Municipal Permit Number _____ Transfer Out-Of-State Permit Number _____
Well Spacing Permit Number _____ Conduct Permit Number _____
Other Permit Number _____
HHSS _____ NDEQ _____

5. Purpose of well (indicate one) Aquaculture Commercial/Industrial Dewatering (over 90 days)
 Domestic Ground Heat Exchanger Groundwater Source Heat Pump Irrigation Injection
 Livestock Monitoring Observation Pit (for irrigation) Public Water Supply (with spacing (46-638))
 Public Water Supply (without spacing) Recovery Other _____
(further description of use can be provided under other) (indicate use)

6. Wells in a Series.
a. Is this well a part of a series? Yes go to part b of this section No go to part 7 of this application (Y/N required)
b. If one or more of the wells in the series is currently registered, give well registration number _____
c. How many wells in the series are you registering at this time? _____ d. How many total wells in the series? _____

0-007331

7. Replacement and decommissioned/modified well information.

- a. Is this well a replacement well? Yes No go to part 8 of this application
- b. Registration number of original well G-007331 If not registered, date original well was constructed (m)___/(d)___/(y)___
- c. Original well last operated (m) 8 / (d) 1 / (y) 2012 d. Replacement well is 1100 feet from original well.
- e. Location of water use of original well _____

Please Select One:

- f.1. Original water well decommissioned on (m)___/(d)___/(y)___ **OR**
- 2. I hereby certify that the original water well will be decommissioned within 180 days after such construction of the replacement water well. **OR**
- 3. 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. It will be used for one of the following: a. Livestock
 b. Monitoring c. Observation
 d. nonconsumptive or de minimus use approved by the applicable natural resources district. State use: _____
 If 3d is chosen. NRD signature is required. (Signature can be submitted on NRD Approval form to DNR prior to registration)
 NRD signature _____ Date _____ **OR**
- 4. Owners CERTIFICATION OF INTENT to Decommission or Modify the original well form is submitted by landowner. (Must be submitted before registering well)

8. Pump Information. (Pump information is required if registering a pit)

- a. Is pump installed at this time Yes No
 Is pump installed by well owner in section 1? Yes No
 Is pump installed by contractor in section 2? Yes No
 Is this a free flowing well Yes (no pump to be installed) No

If pump installed by pump installer, please fill out license number below

- b. Pump Installer's License No. 39227 Pump Installer's Name Ron Williams
 Pump Installer's Email Address _____
 Pump Installer's Firm Name Williams Drilling Co Inc
 Pump Installer's Firm Address PO Box 327
 City Belvidere State NE Zip 68315 Telephone 402 768-2098
 Pump Installer's Firm Email Address _____
- c. Measured Pumping rate 1000 gallons per minute d. Pumping water level 106 feet
- e. Drop pipe diameter 8" inches f. Length of drop pipe 180 feet
- g. Pumping equipment installed (m) 5 / (d) 30 / (y) 2013
- h. Pump Brand 4 Stage 12 5KM Flowserve
- i. This well is designed and constructed to pump 50 gpm or less Yes No (8I is required on ALL wells)

9. Well Construction Information.

- a. Total well depth 225 feet. b. Static water level 88 feet. (required)
- c. Well Construction Began (m) 4 / (d) 2 / (y) 2013 d. Well Construction Completed (m) 4 / (d) 3 / (y) 2013

Wells drilled prior to stays or moratoriums require NRD signature	NRD signature _____	Date _____
(Signature can be submitted on NRD Approval form to DNR prior to registration)		

- e. Bore hole diameter in inches Top 28 Bottom 28
- f. Casing and Screen Joints are Welded Glued Threaded Other _____
- g. Capacity of Well 900 gallons per minute (to be used to determine sustainability of aquifer)
- h. Pumping water level at this capacity 106 feet

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10. Well Construction (Casing & Screen)- c, d, e, & f measurements should be in inches to three decimal places (From not less than zero)

a		b	c	d	e	f	g	h
Placement Depth in Feet		Casing or Screen or Open Hole	Inside Diameter	Outside Diameter	Wall Thickness	Screen Slot Size	Type of Material	Trade Name
From	To							
0	145	CASING	15.000	16.000	0.500		PVC	CERTAINTTEED
145	225	SCREEN	15.000	16.000	0.500	0.050	PVC	CERTAINTTEED

Additional information for Double cased or Nested wells:

a		b	c	d	e	f	g	h
Placement Depth in Feet		Casing or Screen or Open Hole	Inside Diameter	Outside Diameter	Wall Thickness	Screen Slot Size	Type of Material	Trade Name
From	To							

11. Grout and Gravel Pack (must start at zero)

Placement Depth in Feet		Grout/Gravel/ Open Hole	Material Description *See Desc for gravel	Quantity gravel *See Desc	Volume & Type Grout *See Desc
From	To				
0	5		TOP SOIL		
5	15	GROUT			12 BAGS OF 3/8" BENTONITE CHIPS
15	225	GRAVEL	DE-ICING	54.9 TON	

Desc: 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

Quantity #cubic yards, #tons, #sacks, - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

Volume & Type: #gallons of a slurry, #barrels of a slurry, #sacks used in the slurry, #bags of non-slurry bentonite (chip-pellet –granular)

Additional information for Double cased or Nested wells:

Placement Depth in Feet		Grout/Gravel/ Open Hole	Material Description *See Desc for gravel	Quantity gravel *See Desc	Volume & Type Grout *See Desc
From	To				

