

Well Registration or Area Permit

Fee Paid: \$110.00
DNR Cash Fund: \$18.50

HHSS Fee: \$70.00
WWDF: 21.50
Billing ID: 34850

Source: Nebraska On Line

Import Status: Accepted

Use: Irrigation

Owner ID: 111509

Import ID: 13400353681249

Status: Active Registered Well

Decommission Date: -

Registration Number: G-163041

Well ID: 216488

NRD: Little Blue

Registration Date: 6/19/2012

Last Change User: hmcpherson

Call Up Code: -

Call Up Date: -

Last Change Date: 6/19/2012

Owner:

Contact	ID Type	SeqNum	Begin Date	End Date	Name
Display	111509	Owner 1	6/19/2012		Gebers, Dave & Steve

Contractor:

Certificate ID	FirstName	LastName
39196	Dale C	Shuck

Drilling Firm:

EmployerID	Employer
159694	Shuck Drilling Company

A. Well Location: NW1/4SE1/4 of Section 1
Township 2 North, Range 5 (West E/W), Nuckolls County

B. Natural Resource District: Little Blue

Well GPS Coordinates: Latitude 40° 10' 08.37" Longitude -097° 49' 47.95"
Lat/Long DD 40.16899 -97.82999 GPS Required

C. The well is: 2600 feet from the 5 Section line and 2600 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): NENW4, NWNE4, NE&SE SW4,NW&SW SE4 1-2-5W

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								
215198				45	No	No		No		4/26/2012					PRO	Single Project	<table><tr><th>WellID</th><th>RegCD</th><th>StartDate</th><th>EndDate</th></tr><tr><td>216488</td><td>G-163041</td><td>4/26/2012</td><td></td></tr></table>	WellID	RegCD	StartDate	EndDate	216488	G-163041	4/26/2012	
WellID	RegCD	StartDate	EndDate																						
216488	G-163041	4/26/2012																							

Permits	Area Permit	GeoPermit	MWF	WSP	HHSS	HHSS PWS ID	NDEQ	Aprvd Date(s)	SWater App Code	Industrial	Transfer	SWater Conduct Code	Other	ITN	Aprvd Date(s)
	LBMA-							1776 4/6/2012		

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? Yes

Pump present but Well Inactive: No

Free Flowing Well: No

Well active, no pump installed: No

B. License No.

CertificateID	FirstName	LastName	Employer
39196	Dale C	Shuck	Shuck Drilling Company

C. Pumping Rate 800 gallons per minute.

D. Pumping water level 163 feet.

E. Drop pipe diameter 8.62 inches.

F. Length of pipe 210 in feet.

G. Pump equipment installed: 6/1/2012

H. Pump Brand/Type Flowserve

I. This well will be used to pump less than 50 gpm? No

9. Well Construction Information

A. Total well depth: 220 feet.

B. Static water level 145 feet.

C. Well Construction began: 4/26/2012

D. Well Construction Completed: 4/26/2012

E. Bore hole diameter in inches. Top 28 Bottom 28

F. Casing and Screen Joints are: Glued

Other Joints description: .

H. Total Estimate Capacity of Well 1200 gallons per minute.

I. Pumping water level at capacity: 174 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
2164880	160		casing	15	16	0.5		PVC	Jetstream
216488160	220		screen	15	16	0.5	0.085	PVC	Jetstream

* 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
2164880	8		grout	Puddled clay			1 cu yd	puddled clay	
2164888	10		grout	Bentonite			9 bags	bentonite chips	
21648810	220		gravel	Well gravel, 3/8 down		26 cu yds			

* 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
2164880	83		Sandy Clay	Dense/Stiff	Tan		
21648883	91		Fine Sand	Loose	Tan		
21648891	152		Gravel	Loose	Tan		
216488152	153		Clay	Dense/Stiff	Tan		
216488153	177		Gravel	Loose	Tan		
216488177	179		Clay	Dense/Stiff	Tan		
216488179	182		Fine Sand	Loose	Tan		
216488182	194		Gravel	Loose	Tan		
216488194	197		Sandy Clay	Dense/Stiff	Tan		
216488197	214		Gravel	Loose	Tan		
216488214	220		Clay	Dense/Stiff	Tan		

* are in Feet.