

Well Registration or Area Permit

Fee Paid: \$110.00 HHSS Fee: \$70.00

DNR Cash Fund: \$18.50 WWDF: 21.50

Billing ID: 54210

Source: Nebraska On Line Import Status: Accepted Use: Dewatering (Over 90 Days) Owner ID: 133361

Import ID: 146100504431699 Status: Active Decommission Date: — Registration Number: G-179201

Well ID: 241336 NRD: Tri-Basin Registration Date: 4/19/2016

Last Change User: hmcpherson Call Up Code: — Call Up Date: — Last Change Date: 4/19/2016

Owner:

ContactID	Type	SeqNum	Begin Date	End Date	Name
Display 133361	Owner 1		4/19/2016		Holen Farms Ltd, Don

Contractor: Certificate ID FirstName LastName

39484 Joe D Keller

Drilling Firm: EmployerID Employer

467491 Holdrege Well Service

A. Well Location: NW1/4NE1/4 of Section 2Township 6 North, Range 21 (West E/W), Gosper CountyB. Natural Resource District: Tri-Basin

Latitude Longitude

Well GPS Coordinates: 40° 30' 33.70" -099° 44' 45.00"

Lat/Long DD 40.50936 -99.74583 GPS RequiredC. 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): ne 7-6-21 gosper 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
244220			No	No		3/22/2016				PRO	Single Project	WellID RegCD StartDate EndDate
												241336 G- 3/22/2016
												179201

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)
	TBDW	—	—	—	—	—	—	1/7/2016	—	—	—	—	—	—	—

5. Purpose of Well Dewatering (Over 90 Days)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
39484	Joe D	Keller	Holdrege Well Service

C. Pumping Rate 1200 gallons per minute. D. Pumping water level 33 feet.
E. Drop pipe diameter 8 inches. F. Length of pipe 80 in feet.
G. Pump equipment installed: 4/1/2016 H. Pump Brand/Type submersible
I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 170 feet. B. Static water level 16 feet.
C. Well Construction began: 3/22/2016 D. Well Construction Completed: 3/22/2016
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
241336	0	110	casing	14.76	16	0.616		pvc	certanteed
241336	110	170	screen	14.76	16	0.616	0.085	pvc	certanteed

* 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
241336	0	5	grout	clay		2 yards
241336	5	30	grout	bentonite		48 bags chunk
241336	30	170	gravel	2a	30 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
241336	0	20	Clay	Soft	Brown	
241336	20	60	Sand with Clay/Silt	Loose	Tan	
241336	60	65	Sandstone	Soft	Tan	
241336	65	120	Gravel	Loose	Blue	
241336	120	147	Sand with Clay/Silt	Loose	Tan	
241336	147	170	Sand with gravel	Loose	Blue	

* are in Feet.