

Well Registration or Area Permit

Fee Paid:

\$70.00

HHSS Fee:

\$30.00

DNR Cash Fund:

\$18.50

WWDF:

21.50

Billing ID:

50213

Source:

Nebraska On Line

Import Status:

Accepted

Use:

Observation (Ground Water Levels)

Owner ID:

2542

Import ID:

142677631818689

Status:

Active

Decommission Date:

—

Registration Number:

G-175737

Well ID:

237252

NRD:

Tri-Basin

Registration Date:

3/20/2015

Last Change User:

hmcpherson

Call Up Code:

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Call Up Date:

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Last Change Date:

3/20/2015

Owner:

ContactID	Type	SeqNum	Begin Date	End Date	Name
Display 2542	Owner 1		3/20/2015		Tri Basin Natural Resources District,

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 7
Township 6 North, Range 21 (West E/W), Gosper County

B. Natural Resource District: Tri-Basin

Latitude

Longitude

Well GPS Coordinates:

40° 30' 36.51"

-099° 44' 36.53"

GPS Required

Lat/Long DD

40.51014

-99.74348

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): 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	Cert	NRD	Appr	StartDate	EndDate	Comment	Series	Reg	Num	(External Source)	Code	Description	Wells in the Series												
238818			No		No			3/12/2015							PRO	Single Project	<table><thead><tr><th>WellID</th><th>RegCD</th><th>StartDate</th><th>EndDate</th></tr></thead><tbody><tr><td>237252</td><td>G-</td><td>3/12/2015</td><td></td></tr><tr><td>175737</td><td></td><td></td><td></td></tr></tbody></table>	WellID	RegCD	StartDate	EndDate	237252	G-	3/12/2015		175737			
WellID	RegCD	StartDate	EndDate																										
237252	G-	3/12/2015																											
175737																													

Permits

Area Permit

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GeoPermit

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MWF

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WSP

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HHSS

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HHSS PWS ID

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NDEQ

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Aprvd Date(s)

SWater App Code

Industrial

Transfer

SWater Conduct Code

Other

ITN

Aprvd Date(s)

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5. Purpose of Well Observation (Ground Water Levels)

Other Use

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Notes

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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? <u>No</u>	Pump present but Well Inactive: <u>No</u>
Free Flowing Well: <u>No</u>	Well active, no pump installed: <u>Yes</u>
B. License No. _____	
C. Pumping Rate ____ gallons per minute.	D. Pumping water level ____ feet.
E. Drop pipe diameter ____ inches.	F. Length of pipe ____ in feet.
G. Pump equipment installed: ____	H. Pump Brand/Type ____
I. Will this well be used to pump 50 gpm or less? <u>Yes</u>	

9. Well Construction Information

A. Total well depth: <u>320</u> feet.	B. Static water level <u>39</u> feet.
C. Well Construction began: <u>3/12/2015</u>	D. Well Construction Completed: <u>3/12/2015</u>
E. Bore hole diameter in inches. Top <u>10</u> Bottom <u>10</u>	
F. Casing and Screen Joints are: <u>Glued</u>	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 = 4

WellID	FromDepth*	ToDepth*	Case/Screen	InsideDiam	OutsideDiam	CaseThickness	ScrnSlotSize	Material	ScreenTname
237252 0	154		casing	2	2.4	0.2		pvc	cresline
237252 154	160		screen	2	2.4	0.2	0.012	pvc	jet stream
237252 160	314		casing	2	2.4	0.2		pvc	cresline
237252 314	320		screen	2	2.4	0.2	0.012	pvc	jet stream

* are in Feet, all else is in inches

11. Grout and Gravel Pack
Record Count = 6

WellID	FromDepth	ToDepth	Grout/Gravel	Material	Description ¹	Quantity	Gravel ² Volume	&Type	Grout ³
237252 0	20		grout	bentonite			12 bags	chip	
237252 20	65		gravel	armour coat		1 yard			
237252 65	80		grout	bentonite			3 bags	chip	
237252 80	205		gravel	armour coat		2 yards			
237252 205	240		grout	bentonite			12 bags	chip	
237252 240	320		gravel	armour coat		3 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
237252 0	72		Sandy Clay	Soft	Tan		
237252 72	84		Sandstone	Cemented	Tan		
237252 84	164		Sand with gravel	Loose	Red		
237252 164	288		Sandy Clay	Cemented	Tan		
237252 288	291		Sand with gravel	Loose	Red		
237252 291	313		Sandy Clay	Cemented	Tan		
237252 313	323		Sand with gravel	Loose	Red		

* are in Feet.