

WELL RECORD

64402

Permit No. 2007-334 W

PWSID 8482761

Project # W2007-335

Site identification

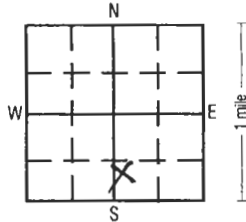
Property Owner Rock Valley RWO Well Number #10
Address 719 Main St.
Tenant Rock Valley, Iowa 51247
Well Depth 506" ft Date completed 10/9/01

Location

County Sioux

1/2 mi. N and 1/4 mi. E of intersection of K18 and B30
NW 1/4 of the SW 1/4 of the SE 1/4 of Sec 7 TWP 96 RNG 47 E

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.



☐ upland ☐ hillside ☐ valley Elevation (if known) 1195

Formation log

From	To	Color	Hardness	Formation description
0	3	Black		Topsoil
3	15	Dark		Gravel & Rocks
15	20	Rocky		Gravel
20	30			Pea rock
30	35			Coarse Gravel
35	506"	White		Medium Gravel

Drill method

☐ rotary ☐ auger ☐ cable other air lift

Hole size

20 inch from 0 ft to 506 ft
hole size continued
____ inch from ____ ft to ____ ft
____ inch from ____ ft to ____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Drive shoe (yes/no) Pitless adapter (yes/no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
<u>12"</u>	<u>50#</u>	<u>+2</u>	<u>506 1/2"</u>	<u>93</u>

Perforated or slotted casing? (yes/no)

Perforated / slotted from ____ ft to ____ ft
Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes/no)

Placement method

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Bestrite</u>	<u>1.5'</u>	<u>37'</u>	<u>22'</u>
<u>Grout</u>	<u>8'</u>	<u>1.5'</u>	<u>7'</u>

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
<u>12</u>	<u>0.080</u>	<u>416"</u>	<u>506"</u>	<u>9'</u>	<u>stainless steel</u>
	<u>0.____</u>				

Bottom capped (yes/no) with 55 plate
Seals / Packers (yes/no) kind ____ depth ____ ft
Gravel packed (yes/no) from ____ ft to ____ ft
muscatine type 1/4 x 1/8 amount 136"

Well developed? (yes/no)

Explain Sub-Plumbed?
(pumped, airlifted, bailed) for ____ hrs at ____ GPM.

Pump installed? (yes/no)

Date 10/9/01

Installer's name Lacey Well Drilling Inc.
Type of pump 385-1026 GPM Depth to intake 39'
Pump diameter 6" Rated capacity 385 GPM GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 17 ft to 506" ft ☐ seepage well
Static water level 17 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level ____ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of 650 GPM; ☒ orifice ☐ volumetric ☐ estimate
Measurements taken at 1:30 (AM/PM) Date 6/21/01

Remarks (including depth of lost drilling fluids, materials, or tools)

Water quality test? (yes/no)

Date tested 6/21/01

Tested by Rock Valley RWO

Well use

- ☐ Domestic ☐ Municipal ☐ Commercial
☐ Livestock ☒ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other

(explain)

Contractor Lacey Well Drilling Inc.
Address 47582 1240th St. Delta, Iowa 50502
Driller James Lacey Certification no. 3580