

WELL RECORD FORM

96168

PWSID# or PWTS No. _____ PWTS Permit No. _____ GeoSam WNumber (IGS use only) _____

Site Identification

Property owner Rock Valley Rural water Other ID 16
 Address _____ City _____
 Tenant _____
 Well depth 38 ft Date completed 7/26/2021

Drill Method Rotary Auger Cable Other _____

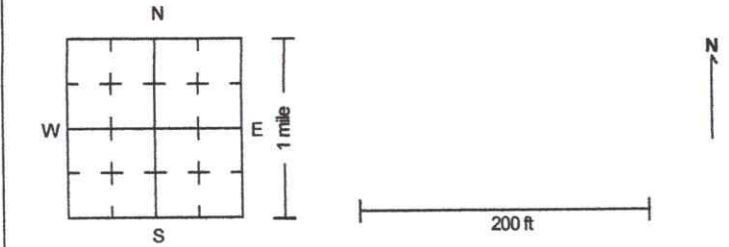
Hole size
24 inch from 0 ft to 38 ft
 _____ inch from _____ ft to _____ ft

Location Garfield Twp County Sioux

GPS coordinates (NAD83 datum)
43.1388E Latitude -96.44598 Longitude

Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds

1/4 of the _____ 1/4 of the _____ 1/4 of Sec 18 TWP 96 RNG 47 ^E _W



Casing or Loop Pipe

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

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen
12	Steel casing	+2'	28'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
12	Stainless Steel	28'	38'	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.090</u>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
<input checked="" type="checkbox"/> Gravel packed		23'	38'	amount <u>2 1/2</u> Tons variety <u>pear rocks</u>		
<input type="checkbox"/> Seals/packers				type _____		
<input checked="" type="checkbox"/> Bottom capped with <u>stainless steel plate</u>						

Formation Log

From	To	Color	Hardness	Formation description
0	3	Black		sandy top soil
3	8	yellow		gravel w/rocks
8	22	yellow		silty gravel
22	24	grey		medium sand
24	38	grey		gravel
38		blue		clay

Casing Grout

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Neat cement		11'	
benonite	11'	23'	48 bags

Pump Installation

Date _____ / _____ / _____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information

Static Water Level	Pumping Water Level	Yield	Duration
_____ ft	_____ ft	_____ GPM	_____ hrs

Water level measurement: Sonic Tape Airline E-line Estimate

Water yield measurement: Orifice Volumetric Estimate

Main water-supply zone from _____ ft to _____ ft below GL

Well Development

Physical explain: bailed + surge block + pumped
 Chemical explain: ring free

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

Well Use

Domestic Public supply Livestock
 Heat pump Commercial Irrigation
 # of borehole(s) _____ Monitoring Other _____

Contractor

Company Alton Well
 Address P.O. Box 57 Treton, Ia 51027
 Driller Larry Vendo Brake Certification no. 5578



Mail form to Iowa Department of Natural Resources: 502 E. 9th St., Des Moines, IA 50319-0034

Or click here to e-mail form to: well.records@dnr.iowa.gov



DNR Form 542-8170