

FWSID# or PWTS No. _____ PWTS Permit No. _____ GeoSam WNumber (GS use only) _____

Site Identification
 Property owner Rock Valley Rural Water Other ID 18
 Address _____ City _____
 Tenant _____
 Well depth 36 ft Date completed 11/30/2021

Drill Method Rotary Auger Cable Other _____
Hole size
24 inch from 0 ft to 36 ft
 _____ inch from _____ ft to _____ ft

Location Garfield County Sioux
 GPS coordinates (NAD83 datum)
43.140795 Latitude -96.44698 Longitude
 Decimal Degrees Degrees, Decimal-Minutes Degrees, Minutes, Seconds
1/4 of the 1/4 of the NW 1/4 of Sec 18 TWP 96 RNG 47 ^E_W
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

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	1'	26'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
12"	Stainless Steel	26'	36'	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>0.100</u>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

Gravel packed 21' 36' amount 5,000 lb variety pear rock
 Seals/packers _____ type _____
 Bottom capped with Stainless Steel plate

Formation Log

From	To	Color	Hardness	Formation description
0	3	black		Sandy top soil
3	13	yellow		Sand gravel & rocks
13	20	yellow		Silty gravel
20	36	yellow		gravel
36		yellow		fine sand

Casing Grout Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol)
Neat cement	2	12	2 yds
bentonite	12	21	36 bags

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

Pump Installation Date 1/1
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information Date 11/24/2021

Static Water Level	Pumping Water Level	Yield	Duration
<u>13'-6"</u>	<u>14'-10"</u>	<u>200</u> GPM	<u>3 1/4</u> hrs

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water supply zone from 20 ft to 36 ft below GL

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

Well Development
 Physical explain: Surge block & pumped
 Chemical explain: ring face

Contractor
 Company Aiton Well
 Address Box 57 Ireton, Ia 51027
 Driller Larry Vande Broek Certification no. 5578