DNR Iowa Department of Natural Resources

WELL RECORD FORM

Geological and Water Surve

PWTS No. or PWS No. _____ | PWTS Permit No. _____ | GEOSAM Well No. (DNR use only) 76365

Site Identification

Property owner Cedar Rock Other ID _____

Address _____ City Quasqueton

Tenant _____

Well depth 241 ft Date completed ___/___/___

Drill Method

☒ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

15 inch from 0 ft to 4 ft

13 1/4 inch from 4 ft to 64 ft

hole size continued

10" inch from 64 ft to 140 ft

6" inch from 140 ft to 241 ft

Location

County Buchanan

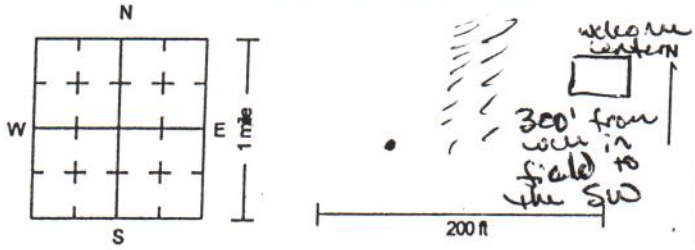
GPS coordinates (NAD83 datum)

_____ Latitude _____ Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec ____ TWP ____ RNG ____ 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
6"	Steel	+3	140	☐	☐	☐ slot size ____
		143'		☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____

Casing Grout

Placement method _____

Type	Depth top	Depth bottom
Portland Neat cement	-6	140
80 sacks		
Quick Well 8 sacks		
☐ Gravel packed variety _____		
☐ Seals/packers		

Formation Log

From	To	Color	Hardness	Formation description
0	48	tan		Sand
48	49	multi-color		gravel
49	54	gy, white		clay, soft limestone
54	64			gravel, limestone
64	80	tan orange	med.	limestone (50 gpm)
80	91	gy	med.	limestone
91	101	gy		limestone, shale
101	105	gy, white		limestone
105	127	tan, gy, brown		limestone
127	130	blue, brown		shale, limestone
130	241	gy, tan, white		limestone
				(use additional sheets as needed)

Pump Installation

Date ___/___/___

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date ___/___/___

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
50 ft	200 ft	50 GPM	____ hrs

Water level measurement: ☐ Sonic ☐ Tape ☐ Airline ☐ E-line ☒ Estimate

Water yield measurement: ☐ Orifice ☐ Volumetric ☒ Estimate

Main water-supply zone from 160 ft to 240 ft below GL

Well Development

☒ Physical explain: Air lifted 50-55 gpm @ 240'

☐ Chemical explain: _____

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

water producing formations

130-200 20-25 gpm

200-220 30-35 gpm

220-240 50-55 gpm

Contractor

Company Otis well Drilling

Address 1339 N. Franklin St Manchester IA 52057

Driller _____ Certification no. 6714

Sf wt jpo Ebuf ; 2108122

Well Use

☐ Domestic ☒ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other _____

Send form to Iowa Department of Natural Resources – Geological and Water Survey

Make photocopies for: