

WELL RECORD

079301

PWTS Permit N

Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

PWTS Well No.:

County Permit No

Site identification

Property Owner: FISHER AARON

Other ID:

Address XXX ALAN AVE SW, SWISHER, IA 52338

Tenant

Well Depth: 490

ft

Date Completed: 10/27/2014

Location

County JOHNSON COUNTY HEALTH DEPT.

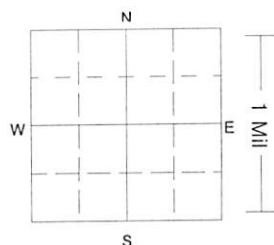
mi. N and mi. E of intersection of and
 1/4 of the 1/4 of the 1/4 of Sec 7 TW 81N RN 7W E

GPS Coordinates (NAD83 datum only) decimal degrees:

N. Latitude

W. Longitude.

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


☐ upland ☐ hillside ☐ valley ☐ level surface Elevation (if known)

Formation log

From	To	Color	Hardness	Formation description
0	10	BROWN		CLAY
10	38			SAND
38	43	BLUE		CLAY
43	55			GRAVELY SAND
55	71	BLUE		CLAY
71	91			GRAVELY SAND
91	105	BLUE		CLAY
105	114	YELLOW		SHAPE
114	240	GRAY/TA		LIMESTONE
240	250	WHITE		SHAPE
250	290	LIGHT		LIMESTONE (SLURIAN)
290	295	GRAY		SHAPE
295	350	GRAY		LIMESTONE
350	351	GREEN		SHAPE
351	485	GRAY		LIMESTONE

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

485 490 GREEN SHALE

Well use

☒ Domestic ☐ Heat Pump ☐ Commercial ☐ Livestock ☐ Municipal ☐ Monitoring ☐ Test Well ☐ Public Supply ☐ Other ☐ Irrigation
Drill method ☒ rotary ☐ auger ☐ cable other

Hole size

15.5 inch from 0 ft t 115 ft 8 inch from 273 ft t 490 ft
 12.25 inch from 115 ft t 273 ft inch from ft t ft

Casing

☐ Drive shoe ☐ Pitless adaptor

Size (ID/OD)	Type/Wt	Depth top	Depth bottom	Amount (length)
8 SCH40	STEEL	+2	273	275
6 SDR21	PVC SLO	272	312	40

Perforated or slotted casing?

☐ Perforated ☒ Slotted from 272 ft t 312 ft
☐ Perforated ☐ Slotted from ft t ft

Casing grouted? ☒ Grouted Placement method: HALLIBURTON/SL

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	273	150 CU FT

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
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Bottom Capped ☐ withSeals/Packers ☐ kind depth ftGravel packed ☐ from to ft

type amount

Well developed? ☒ Well Developed

Explain WITH AIR

☐ pumped ☒ airlifted ☐ bailed for 2 hrs at 75+ GPMPump installed? ☐ Pump Installed Date

Installer's Name

Type of Pump

Depth to Intake

Pump diameter

Rated Capacity GPM

ft GPM

Water information ☐ Sand/gravel ☒ Limestone ☐ SandstoneMain water-supply zone 1 from 280 ft to 485 ft ☐ seepage well

Main water-supply zone 2 from ft to ft

Static water level 114 ft (below/above) G ☐ tap ☐ airline ☐ E-line ☒ estimatePump water level ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimateAt yield of GPM: ☐ Orifice ☐ Volumetric ☒ Estimate for hours

Measurement taken at

Date 10/27/2014

Water quality test? ☐

Date

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Address 1331 HWY 1, KALONA, IA 52246

Driller Dillon Gingerich

Certification no. 1017