

WELL RECORD

PWTS Permit No. 60196

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

PWTS Well No. 2225709

County Permit No.

**Site identification**

Property Owner SUMMIT FARMS Other ID \_\_\_\_\_

Address Sec 3 51st

Tenant HOGS

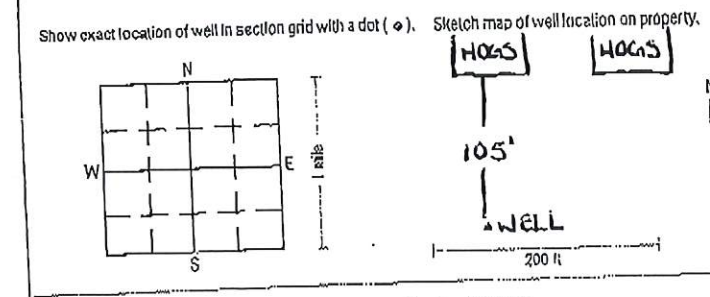
Well Depth 145 ft Date completed 10 / 4 / 22

**Location** County HAROLD

\_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_

\_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Sec \_\_\_\_\_ TWP \_\_\_\_\_ R1NG \_\_\_\_\_ E \_\_\_\_\_ W \_\_\_\_\_

GPS Coordinates (NAD83 datum only) decimal degrees:  
42.398151 N. Latitude 93.355529 W. Longitude.



upland  hillside  valley  level surface Elevation (if known) \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	3	BLACK		TOP SOIL
3	15	GREEN		CLAY
15	75	BLUE		CLAY
75	85			BROKEN ROCK
85	90			GRAVEL
90	135	WHITE		LIMESTONE
135	140	GREEN		CRENICE
140	145	TAN		SANDSTONE

use additional sheets as needed

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
LOST CIRCULATION AT 75'

**Well use**

Domestic  Municipal  Commercial  Monitoring  Other \_\_\_\_\_

Livestock  Public supply  Irrigation

Test well

**Drill method**  rotary  auger  cable  other \_\_\_\_\_

**Hole size**

9 1/4 inch from 0 ft to 100 ft hole size continued \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

5 7/8 inch from 100 ft to 145 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

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

**Casing**

Size (ID/OD)	Drive shaft (yes/no)		Pileless adapter (yes/no)		Amount (length)
	Type / Wt	Depth top	Depth bottom	Amount (length)	
<u>6"</u>	<u>PVC 200</u>	<u>0</u>	<u>100</u>	<u>100</u>	<u>100</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 DRY PACKED

Type	Depth top	Depth bottom	Amount (wt/wt)
<u>3/8" BENT</u>	<u>0</u>	<u>100</u>	<u>1300 LBS</u>

**Well screen?** (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
<u>0</u>					
<u>0</u>					

Bottom capped (yes/no)  with \_\_\_\_\_

Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft

Gravel packed (yes/no)  from \_\_\_\_\_ ft to \_\_\_\_\_ ft

type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes/no)

Explain RISK AIR

(pumped  airlifted  bailed) for 1 hrs at 250+ GPM

**Pump installed?** (yes/no)  Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Installer's name \_\_\_\_\_

Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft

Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand / gravel  limestone  sandstone

Main water supply zone from 135 ft to 145 ft  (see page w/)

Static water level 40' ft (below / above) GL:  tape  airline  E-line  estimate

Pumping water level 80 ft below GL:  tape  airline  E-line  estimate

At yield of 40 GPM:  orifice  volumetric  estimate for 1 hours

Measurements taken at 17:30 (AM/PM)  Date 10 / 4 / 22

**Water quality test?** (yes/no)  Date tested \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Tested by \_\_\_\_\_

Contractor Bill Beemer Well Co. Inc

Address 2365 Vasse Ave Duncombe IA

Driller Matt Estlund Certification no. 2319