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

WELL RECORD #37884

Permit No. _____

Site identification

Property Owner DALLAS CENTER Well Number 8

Address DALLAS CENTER IA

Tenant _____

Well Depth 50 ft Date Completed 3 / 5 / 96

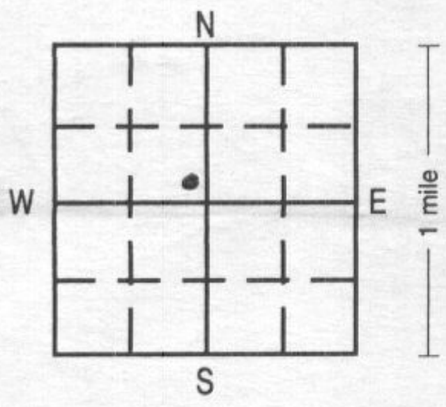
Location

County DALLAS

____mi. N/S and ____mi. E/W of intersection of 169 and 44

____1/4 of the SE 1/4 of the NW 1/4 of Sec 31 TWP 80N RNG 27 E/W

Show exact location of well in section grid with a dot (●).



Sketch map of well location on property

SEE ATTACHED MAP

N

200 ft

☐ upland ☐ hillside ☒ valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	10	D.BROWN		CLAY
10	15	BROWN		SILTY CLAY
15	20	GRAY		sand W/TRACE GRAVEL
20	25	BROWN		SAND W/TRACE GRAVEL
25	30	BROWN		SAND & GRAVEL
30	35	BROWN		SAND & GRAVEL
35	40	BROWN		SAND
40	45	GRAY		SANDY/SHALE
45	50	GRAY		SHALE
		L.GRAY		BOTTOM OF HOLE
		use additional sheets as needed		

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

Well use

☐ Domestic ☒ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☐ rotary ☒ auger ☐ cable other _____

Hole size

30 inch from 0 ft to 50 ft

___ inch from ____ ft to ____ ft

hole size continued

___ inch from ____ ft to ____ ft

___ inch from ____ ft to ____ ft

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

Casing

Drive shoe (yes / no) Pitless adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10"	BLACKSTEEL 1½FT	42FT		40½FT
	40.48LBS			

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no)

Type	Depth Top	Depth Bottom	Amount
BENTONITE	14	19	5 FT
CONCRETE	2½	14	11½

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
10"	.50	42	50	8FT	SS

Bottom capped (yes / no) with PLATE

Seals / Packers (yes / no) kind _____ depth _____ ft

Gravel packed (yes / no) from 19 ft to 50 ft

type NORTHERN GRAVEL #1 amount 31

Well developed? (yes / no)

Explain PUMPED & DEVELOPED BY CAHOY INC PUMP INSTALLER

Pump installed? (yes / no) Date ____ / ____ / ____

Installer's name CAHOY INC WILL INSTALL

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☒ sand/gravel ☐ limestone ☐ sandstone

Main water-supply zone from 20 ft to 35 ft

Final water level (static water level) 14ft7 ft (below / above) GL

Pumping water level 35 ft below GL; ☒ tape ☐ airline ☐ E-line

At yield of 150 GPM; ☐ orifice ☐ volumetric ☐ estimate Date _____

Water quality test? (yes / no) Date tested ____ / ____ / ____

Tested by _____

Test results _____

Contractor RO-BANKS INC

Address 2352 WALNUT TRAIL ST.CHARLES IA

Driller Roger Banks ROGER BANKS Certification no. 40105

white copy - **Iowa DNR, Geological Survey Bureau** blue copy - **Well Contractor** pink copy - **Customer** yellow copy - **County Health Officer**