

Site identification

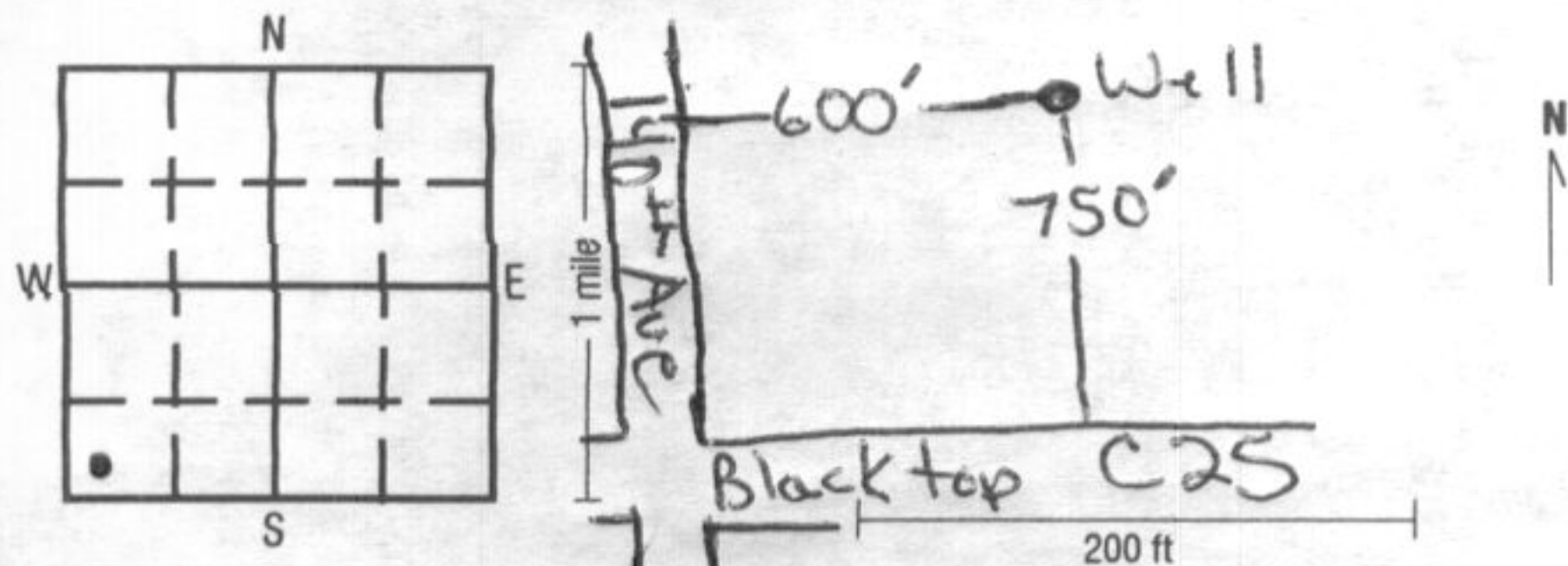
Property Owner Rembrandt Enterprise Well Number #1
Address Blacktop C25 - 1 mile East of HWY 71
Tenant None
Well Depth 415 ft Date completed 10/4/00

Location

County Buena Vista

750' N and 1 1/4 mile E of intersection of HWY 71 and C25
SW 1/4 of the SW 1/4 of the SW 1/4 of Sec 32 TWP 93 RNG 36 E W

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



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

Formation log

From	To	Color	Hardness	Formation description
0	2			Topsoil
2	16			Yellow Clay - Sandy
16	42			Blue Clay
42	53			Yellow Clay
53	77			Blue Clay
77	107			Gravelish - Blue Clay
107	138			Yellow Clay
138	157			Blue Clay
157	218			Blue Shale
218	265			Sandy
265	268			Brown Shale
268	287			White Shale
287	294			Gray Shale
294	351			Sandstone
351	359			Sandstone & Shale
359	415			Best Sandstone
440	455			Coarser Sandstone

use additional sheets as needed

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

Well use

- ☐ Domestic ☐ Municipal ☐ Commercial
☐ Livestock ☒ Public supply ☐ Monitoring
☒ Test well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

13 inch from 0 ft to 385 ft
8 inch from 385 ft to 415 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 adapter (yes/no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8" ID	Steel/30*	18"	385'	386'
5" ID	PVC/200*	367'	385'	18'

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Placement method Trimme

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bentonite	Surface	300'	950' gallons

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
5" tele	0.018	385	415	30'	S.Steel
	0.---				

Bottom capped (yes/no) with Bail Bottom
Seals / Packers (yes/no) kind _____ depth _____ ft
Gravel packed (yes/no) from 367 ft to 415 ft
type 16/30 silica amount 1,600 #

Well developed? (yes/no)

Explain Bailed & Test Pumped 7gpm per foot of Drawdown
(pumped, airlifted, bailed) for 5 hrs at 280 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 380 ft to 415 ft ☐ seepage well
Static water level 128 ft (below / above) GL; ☐ tape ☐ airline ☒ line ☐ estimate
Pumping water level 167 ft below GL; ☐ tape ☐ airline ☒ line ☐ estimate
At yield of 280 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at 3:30 (AM/PM) Date 10/4/00

Water quality test? (yes/no)

Date tested 10/4/00

Tested by Mangold Testing

Contractor Middendorff Well Co
Address Sioux Rapids, IA
Driller Craig Middendorff Certification no. 40093