

Site identification

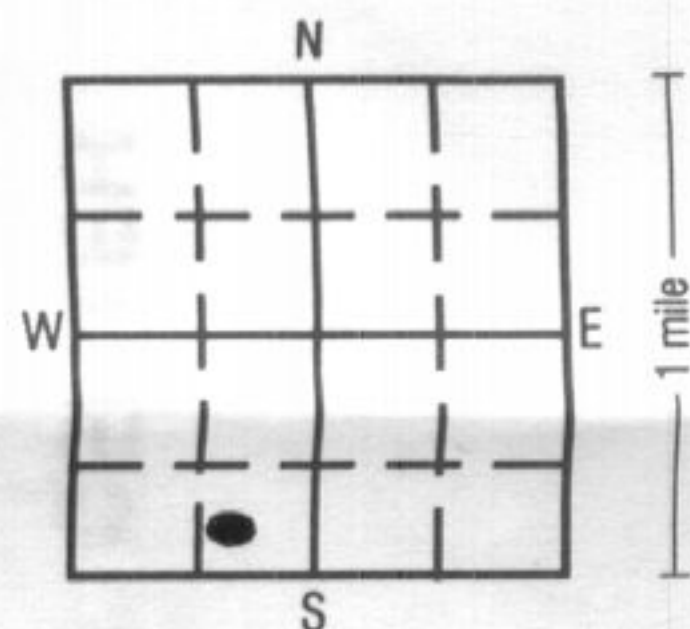
Property Owner SAPP BROS. TRAVEL Well Number 1
Address INTERSTATE 29 & HWY 2
Tenant FREMONT COUNTY, IOWA
Well Depth 80 ft Date completed 08 / 18 / 00

Location

County FREMONT

0.14 mi. N and 0.3 mi. E of intersection of Hwy 2 and 210th Ave
SW 1/4 of the SE 1/4 of the SW 1/4 of Sec 21 TWP 68 RNG 43 E

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



See Attached

☐ upland ☐ hillside ☒ valley Elevation (if known) 920

Formation log

From	To	Color	Hardness	Formation description
0	2	BROWN		TOP SOIL
2	12	GRAY		GRAY CLAY
12	30	GRAY		SILT, CLAY
30	52	GRAY		FINE SAND
52	60	GRAY		MED. TO COARSE SAND
60	86	GRAY		COARSE SAND
86	87	GRAY		LIMESTONE

Drill method

☒ rotary ☐ auger ☐ cable ☐ other _____

Hole size

16 inch from 0 ft to 87 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 adapter (yes ☒ no ☐)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8.0/8.6	STEEL/28.7	0	60	60

Perforated or slotted casing? (yes ☒ no ☐)

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

Casing grouted? (yes ☒ no ☐)

Placement method TREMIE

Type	Depth Top	Depth bottom	Amount (vol/wt)
BENTONITE	20	25	500 LBS.
CEMENT	0	20	1 YD ³

Well screen? (yes ☒ no ☐)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
8" P.S.	0.050	60	80	20	SST
	0.____				

Bottom capped (yes ☒ no ☐)

with 304 SST PLATE

Seals / Packers (yes ☐ no ☒)

kind _____ depth _____ ft

Gravel packed (yes ☒ no ☐)

from 25 ft to 80 ft

type NORTH #1 amount 5 TONS

Well developed? (yes ☒ no ☐)

Explain SURGE, BAIL, PUMP
(pumped, airlifted, bailed) for 8 hrs at 50 GPM.

Pump installed? (yes ☒ no ☐)

Date 09 / 06 / 00

Installer's name

R. CARR

Type of pump

GRUNDFOS 855

Depth to intake

55 ft

Pump diameter

4"

Rated capacity

85 GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 60 ft to 80 ft ☐ seepage well

Static water level 9 ft (below / above) GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

Pumping water level 11 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

At yield of 85 GPM; ☒ orifice ☐ volumetric ☐ estimate

Measurements taken at 04 : 00 (____ / PM)

Date 09 / 06 / 00

Water quality test? (yes / no)

Date tested ____ / ____ / ____

Tested by _____

Contractor

LAYNE-WESTERN

Address

25450 HWY 275, VALLEY, NE 68064

Driller

TOM CORRELL

Certification no.

40538

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

Well use

- ☐ Domestic
☐ Livestock
☐ Test well

- ☐ Municipal
☒ Public supply
☐ Irrigation

- ☐ Commercial
☐ Monitoring
☐ Other _____

(explain)