

WELL RECORD

Samples:

#34698
DNR

JAN 26 1995

GEOL. SURVEY

Site Identification

Property Owner City of Marathon Well Number 2
 Address Marathon, IA
 Tenant _____

Well Depth 168 ft. Date Completed 6/17/94

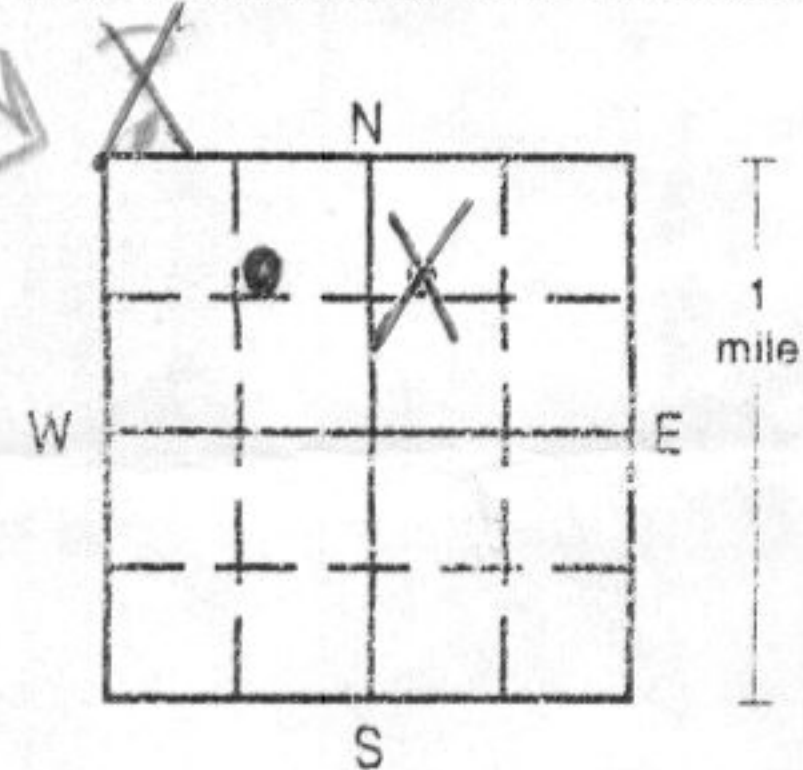
Location

County Buena Vista

Well is 3/4 mi. ^N and 1/2 mi. ^E of intersection of 10 and MS4

SW 1/4 of the NE 1/4 of the NW 1/4 of Sec 21 TWP 93 Rng. 35

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



Sketch Map of Well Location (Indicate North)

Well Use

- Domestic
- Livestock
- Test Well
- Municipal
- Public Supply
- Irrigation
- Industrial
- Monitoring
- Other _____

Measuring Point (MP)

All depth measurements are made from:

- Ground Level
- KB/other
- 18" ft. (above/below) ground level

Hole Size

12 1/2 inch from 0 ft. to 168 ft. continued _____ inch from _____ ft. to _____ ft.
12 1/2 inch from 168 ft. to 172 ft. _____ inch from _____ ft. to _____ ft.

Casing

(ID/OD)? Drive shoe? (yes/no) Pitless adaptor? (yes/no)

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
8"	PVC-200#	18" Above	156	156 157 1/2 ?

Perforated or Slotted Casing? (yes/no)

Perforated / Slotted from _____ ft. to _____ ft.
 Perforated / Slotted from _____ ft. to _____ ft.

Casing Grouted? (yes/no)

Neat Cement Bentonite other _____
 from 6 ft. to 148 ft.
 from _____ ft. to _____ ft.

Well Screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.
8"	35	156	168	12	Stainless Johnson

Gravel packed? (yes/no) from 148 ft. to 169 ft.

Bottom capped? (yes/no) with Stainless Plate

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

Water Information

Main water supply zone from 156 ft. to 168 ft.
 Supply zone rock type (sand/gravel/limestone/sandstone) _____
 Final water head (static water level) 75' ft. (below/above) the MP.
 Pumping water level 119 ft. below MP at yield of 230 GPM
 Water quality tested? (yes/no) Date tested _____ / _____ / _____
 Tested by _____
 Parameters tested for: _____
 Test results _____

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

Type of pump _____ Manufacturer's name _____

Depth to intake _____ ft. Tail pipe? (yes/no) length _____ ft.

Pump diameter _____ inches Rated capacity _____ GPM

Contractor's name Middendorf Well Co Registration no. 40093

Address Sioux Rapids, IA

Driller's name Craig Middendorf Drill method (rotary/cable) _____

Formation Log

From	To	Color	Hardness	Description
0	3	Blk		Top soil
3	18			Yellow Clay
18	30			Blue Clay
30	35			Dravel
35	38			Blue Clay
38	42			Dravel
42	86			Blue Clay
86	100			Dravel
100	115			Blue Clay
115	130			Blue Clay & Striped Gravel
130	135			Blue Clay
135	142			Dark Blue Clay
142	156			Green Clay
156	168			Yellow Dravel
168	172			Blue Clay

use second sheet if needed

Remarks

(Topographic position, elevation, development, disinfection, water quality, etc.)