

Site identification

Property Owner INGHAM LAKE BIBLE CAMP Number _____
 Address 2258 450TH AVE., WALLINGFORD, IA
 Tenant _____
 Well Depth 348 ft Date completed 5/10/99

Location County EMMET

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
SW 1/4 of the NW 1/4 of the SE 1/4 of Sec 11 TWP 98 RNG 33 ^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	1	BLACK	SOFT	DIRT
1	35	BROWN	MED	CLAY
35	55	BLACK	MED	CLAY
55	70	BLACK	SOFT	SAND&CLAY
70	118	BLACK	MED	CLAY
118	120	GRAY	HARD	SAND&ROCK
120	121	GRAY	HARD	ROCK
121	160	BLUE	SOFT	CLAY
160	177	BLUE	MED	CLAY
177	185	GRAY	MED	SAND
185	265	BROWN	HARD	CLAY
265	275	GRAY	SOFT	ROCK&SAND
275	300	BLUE	HARD	CLAY
300	308	BROWN	MED	SAND&ROCK
308	310	BROWN	SOFT	SAND
310	330	BROWN	HARD	CLAY
330	348	WHITE	MED	FINE 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

<u>9</u> inch from <u>0</u> ft to <u>332</u> ft	hole size continued
<u>4</u> inch from <u>332</u> ft to <u>348</u> 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)
5	200	0	192	192
5	250	192	332	140

Perforated or slotted casing? (yes/no) no

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

Casing grouted? (yes/no) no Placement method _____

Type	Depth Top	Depth bottom	Amount (vol/wt)
BENTONITE	0	330	8 BAGS

Well screen? (yes/no) no

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
5" TEL	0.12	333	338	5'	S/S
5" TEL	0.10	338	348	10'	S/S

Bottom capped (yes/no) no with PLATE ON SCREEN
 Seals / Packers (yes/no) no kind 5X8 FORMATION depth 331 ft
 Gravel packed (yes/no) no from _____ ft to _____ ft
 type _____ amount _____

Well developed? (yes/no) no

Explain TEST PUMP 40 HRS-50 GPM
 pumped (airlifted, bailed) for 40 hrs at 50 GPM.

Pump installed? (yes/no) no Date 6/9/99

Installer's name Jerry Well Serv. Inc.
 Type of pump Sub Depth to intake _____ ft
 Pump diameter 4" Rated capacity 50 GPM

Water information Aquifer: sand / gravel limestone sandstone

Main water-supply zone from 333 ft to 348 ft seepage well

Static water level 160 ft (below / above) GL; tape airline E-line estimate

Pumping water level 170 ft below GL; tape airline E-line estimate

At yield of 50 GPM; orifice volumetric estimate

Measurements taken at _____: _____ (AM / PM) Date _____ / _____ / _____

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

Tested by _____

Contractor JERRY'S WELL SERVICE INC.
 Address ARMSTRONG, IA. 50514
 Driller BOB CHRISTENSEN Certification no. 40144