

WELL RECORD

50819

Permit No. _____

Site identification

Property Owner Living Word Christian Fellowship Well Number 1

Address _____

Tenant _____

Well Depth 465 ft Date completed 9/23/99

Location County Johnson

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the SW 1/4 of Sec 24 TWP 79 RNG 7 ^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	30	Br	Clay	Br. Clay
30	56	Gray	Clay	Gray Clay
56	60	Gray	Clay	Thin Gray Clay
60	73	Gray	Clay	Gray Clay
73	84	Br	Sand	Br Sand
84	160	Gray	Clay	Gray Clay
160	168	Br	Sand	Br Sand
168	204	Gray	Clay	Gray clay soft
204	232	Tan	Limestone	Tan limestone
232	250	Gray	Limestone	Gray limestone white shale
250	251	Br	Limestone	Black limestone
251	293	Gray	Limestone	Gray limestone with gray shale
293	331	Br	Limestone	Brown limestone
331	332	White	Shale	White gray shale
332	335	Br	Limestone	Dark Brown limestone
335	355	Br	Limestone	Br limestone with white shale
355	356	Gray	Shale	Gray Shale

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

1 1/2 inch from 0 ft to 20 ft 6 inch from 390 ft to 465 ft

8 1/2 inch from 20 ft to 390 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)
<u>6"</u>	<u>.250</u>	<u>+1</u>	<u>390</u>	<u>391</u>

Perforated or slotted casing? (yes/no)

Perforated / slotted from 425 ft to 465 ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no) Placement method _____

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Bensew</u>			

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	<u>0. _____</u>				
	<u>0. _____</u>				

Bottom capped (yes/no) _____ with _____

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

Gravel packed (yes/no) _____ from _____ ft to _____ ft

type _____ amount _____

Well developed? (yes/no)

Explain Artif

(pumped, airlifted, baled) for _____ hrs at 70 f 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 435 ft to 465 ft seepage well

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

Pumping water level 300 ft below GL; tape airline E-line estimate

At yield of 70 GPM; orifice volumetric estimate

Measurements taken at _____; _____ (AM / PM) Date 9/23/99

Water quality test? (yes/no) Date tested 9/23/99

Tested by _____

Contractor 756 E. Post Ct SE

Address Freese Well Drilling

Driller Freese Certification no. 40153

Site identification
Property Owner Livingwood Christian Fellowship Well Number 1
Address _____
Tenant _____
Well Depth 465 ft Date completed 9 / 23 / 99

Drill method rotary auger cable other _____
Hole size
_____ inch from 0 ft to _____ ft _____ inch from _____ ft to _____ ft
_____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft

Location County Johnson
_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
_____ 1/4 of the _____ 1/4 of the _____ 1/4 of the _____ Sec _____ TWP _____ RNG _____
Show exact location of well in section grid with a dot (●). Sketch map of well location on property.

 upland hillside valley Elevation (if known) _____

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

Casing Drive shoe (yes/no) _____ Pileless adapter (yes/no) _____

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)

Perforated or slotted casing? (yes/no) _____
Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

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

Type	Depth Top	Depth bottom	Amount (vol/wt)

Formation log

From	To	Color	Hardness	Formation description
<u>356</u>	<u>422</u>	<u>Gray</u>	<u>limestone</u>	<u>Gray limestone</u>
<u>422</u>	<u>465</u>	<u>Bt</u>	<u>limestone</u>	<u>Bt limestone</u>

use additional sheets as needed

Well screen? (yes/no) _____

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

Bottom capped (yes/no) _____ with _____
Seals / Packers (yes/no) _____ kind _____ depth _____ ft
Gravel packed (yes/no) _____ from _____ ft to _____ ft
type _____ amount _____

Well developed? (yes/no) _____
Explain _____
(pumped, airlifted, bailed) for _____ hrs at _____ 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 _____ ft to _____ ft seepage well
Static water level _____ ft (below / above) GL; tape airline E-line estimate
Pumping water level _____ ft below GL; tape airline E-line estimate
At yield of _____ GPM; orifice volumetric estimate
Measurements taken at _____ : _____ (AM / PM) Date 9 / 23 / 99

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

Water quality test? (yes/no) _____ Date tested 9 / 23 / 99
Tested by _____

Well use
 Domestic Municipal Commercial
 Livestock Public supply Monitoring
 Test well Irrigation Other _____
(explain) _____

Contractor Freeze Well Drilling
Address 756 E
Driller Freeze Certification no. 40153